

SURVEY OF CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS

SURVEY OF CURRENT BUSINESS

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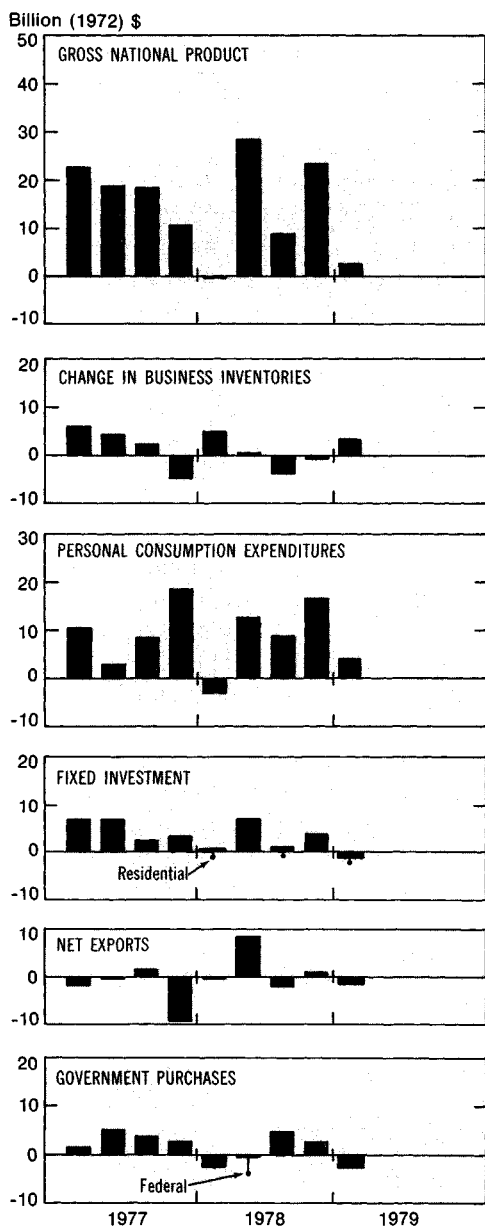
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the BUSINESS SITUATION

CHART 1

Real Product: Change From Preceding Quarter



Based on Seasonally Adjusted Annual Rates

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

79-41

REAL GNP increased at an annual rate of one-half percent in the first quarter, after an extraordinary—7 percent—increase in the fourth quarter of 1978 (table 1). The first-quarter increase would have been about 1 percentage point larger had it not been for the unfavorable weather, which mainly affected the construction components. The deceleration in GNP was in final sales, which, in total, changed little. Personal consumption expenditures (PCE) and nonresidential fixed investment increased less than in the fourth quarter, and the other major components—residential investment, net exports, and government purchases—declined (chart 1). Although these 15-day estimates are based on incomplete source data, it is unlikely that subsequent revisions will alter the picture of an increase that falls short of that in potential GNP.¹

GNP prices as measured by the fixed-weighted price index increased 9½ percent at an annual rate, 1 percentage point more than in the fourth quarter. Food and energy were the major factors in the step-up. If last October's pay

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

raise of Federal employees, which in the national income and product accounts is treated as an increase in the price of services purchased by the Federal Government, is excluded to approximate more closely inflation in the prices of business products, the step-up is one-half percentage point larger.

The acceleration in prices offset only part of the deceleration in real GNP, and, accordingly, current-dollar GNP at an annual rate also increased less than in the fourth quarter—\$51 billion, compared with \$78½ billion. Charges against GNP other than corporate profits increased \$62 billion, compared with \$67½ billion. An estimate of first-quarter corporate profits is not available, but a residual calculation—which, of course, is subject to a considerable margin of error—indicates a decline of about \$11½ billion, compared with an estimated increase of the same size in the fourth quarter (table 2).

In periods in which corporate profits are changing rapidly, personal income usually moves very differently from GNP, making questionable the common practice of using personal income as a proxy for GNP when a direct measure of GNP is not available. The difference in movements arises because GNP includes corporate profits, whereas personal income includes only the relatively stable dividend component of corporate profits.² In the first quarter, there was a substantial difference in movement because the indicated sharp drop in corporate profits held down the increase in GNP relative to that in personal income. Another item that is included in GNP but not in personal income is

2. Table 4 of the National Income and Product Tables presents a detailed reconciliation of GNP, viewed as the sum of factor incomes and other charges against GNP, with personal income.

contributions for social insurance. Total contributions at an annual rate increased \$13½ billion in the first quarter, largely due to legislative changes, and added to the increase in GNP relative to that in personal income. The third factor that was a major source of the first-quarter difference between the changes in GNP and personal income is Government payments to farmers, which is an item included in personal income but not in GNP. These payments decreased \$2½ billion, and held down the increase in personal income relative to that in GNP.

As also can be seen from table 2, the deceleration in GNP was larger than that in personal income—\$28 billion, compared with only \$12 billion. The single largest factor was the \$23 billion swing in corporate profits indicated by the residual calculation. Government payments to farmers and contributions for social insurance were partial offsets.

Prices.—As noted earlier, GNP prices as measured by the fixed-weighted price index increased at an annual rate of 9½ percent, compared with 8½ percent in the fourth quarter of 1978. The GNP implicit price deflator increased less than the fixed-weighted index—8½ percent—and accelerated less—from 8 percent in the fourth quarter. In contrast to the change in the fixed-weighted index, the change in the implicit deflator reflects not only price changes but also shifts in the composition of goods and services that make up the GNP. The deflator was held down in the first quarter by a net shift in composition toward those goods and services that registered less than average price increases since the 1972 valuation period.

Table 3 shows fixed-weighted price indexes for GNP and major components. Prices of PCE accelerated sharply, from a 7 percent annual rate increase in the fourth quarter to 10½ percent in the first. The sharpest accelerations were in food and energy; the prices of other PCE also accelerated, but much less—from 6½ to 7½ percent (chart 2). In this group, prices of motor vehicles showed a sharp step-up. This step-up was traceable mainly to the December 1978 round of price increases for domestic cars and year-end increases in the prices of newly introduced models of imported cars, which were fully reflected only in the first quarter.

Food prices increased 19 percent at an annual rate, more than double the fourth-quarter rate of increase. Fresh vegetables and meat, especially beef, showed the sharpest accelerations. Unfavorable weather and labor disputes that disrupted supplies of lettuce were major factors for vegetables. For beef, strong demand coupled with lower marketings of grass-fed beef—the source of lower quality cuts such as hamburger—led to sharply higher prices. The lower marketings reflected cattlemen's rebuilding of their herds in response to a favorable ratio of prices received for beef cattle to prices paid for feed.

Energy prices increased 17 percent at an annual rate, compared with 11 percent in the fourth quarter. Gasoline and fuel oil reflected sharp increases in the price of crude oil. An OPEC decision in December raised 5 percent, effective January 1, the price of crude oil charged by its members, and a cut in Iranian

oil production beginning in late December led to further, shortage-induced increases. Prices of gasoline were affected, in addition, by a Department of Energy regulation effective March 1 that allowed U.S. refiners to "tilt" toward gasoline the increases in their crude oil and processing costs incurred since January 1. Effective April 1, OPEC set a price floor more than 9 percent above the January 1 level and authorized its members to add surcharges on their own initiative; in part these actions ratified prices already in effect.

Prices paid by government and investors combined increased less than in the fourth quarter—8 percent at an annual rate, compared with 10 percent. Prices of structures—residential and nonresidential, and private and public—increased substantially less than in the fourth quarter. The deceleration registered for Federal purchases was due to the pay raise, which had added about 8½ percentage points to the fourth-quarter rate of increase. In contrast, prices of producers' durable equipment accelerated; acceleration of motor vehicle prices was the single largest factor.

Employment and unemployment.—The labor force showed another large increase in the first quarter—about 950,000, compared with 770,000 in the fourth quarter. Employment increased slightly more, and unemployment and the unemployment rate declined—the latter from 5.8 to 5.7 percent (table 4). The decline was in the unemployment rate for women and teenagers; the rate for men was unchanged. The employment-population ratio—at 59.4 percent—was at an alltime high.

Table 1.—Gross National Product in Current and Constant Dollars

	Current dollars				Constant (1972) dollars									
	Billions of dollars, seasonally adjusted at annual rates											Percent change from preceding quarter at annual rates		
	1978			1979	1978			1979	1978		1979			
	II	III	IV	I	II	III	IV	I	III	IV	I			
Gross national product	2,087.5	2,136.1	2,214.8	2,265.6	1,382.6	1,391.4	1,414.7	1,417.3	2.6	6.9	0.7			
Final sales.....	2,067.4	2,122.5	2,201.3	2,247.4	1,369.9	1,382.4	1,406.5	1,405.5	3.7	7.2	-.3			
Change in business inventories.....	20.1	13.6	13.5	18.1	12.7	9.0	8.2	11.8						
Less: Rest-of-the-world product.....	21.1	18.8	19.8	21.3	8.8	7.5	7.7	8.0	-46.0	8.5	18.2			
Equals: Gross domestic product	2,066.5	2,117.3	2,195.1	2,244.3	1,373.9	1,383.9	1,407.0	1,409.3	3.0	6.9	.7			

The largest increases in employment were in manufacturing and in trade. The manufacturing increase was concentrated in durables, continuing a pattern that has prevailed during the past year. First-quarter increases were especially strong in transportation equipment and in electrical and non-electrical machinery. Average weekly hours for the private nonfarm economy

were down 0.1 from 35.9 in the fourth quarter, despite an increase of 0.1 in manufacturing.

Productivity and costs.—The deceleration in real product and the continued strong increase in labor input that occurred in the first quarter are quantified in table 5 for the business economy other than farm and housing. The estimate of the resulting decline in product per hour is 4½ percent at an annual rate. This estimate is highly tentative because the first-quarter information on which it is based is incomplete, and because it is difficult to measure productivity on a quarterly basis—especially if economic activity is being disrupted by factors such as the unfavorable weather that occurred in the first quarters of this and last year. For instance, the hours estimate used in the productivity calculation is based on average weekly hours paid rather than worked. It is likely that the weather resulted in a loss in hours worked larger than the loss in hours paid, because many employers continued to pay wages even though production was curtailed. Accordingly, a measure of productivity based on hours worked would show a smaller decline than the one in table 5. A similarly poor productivity performance in the first quarter of last year was followed by better performance in subsequent quarters, but still resulted in a 1978 increase of only one-half a percentage point.

Compensation per hour was affected by an increase in the minimum wage and an increase in employer contributions for social security, as it had been in the first quarter of last year. About one-half a percentage point of the 10 percent first-quarter 1979 increase was due to the minimum wage and 1½ percentage points to social security contributions. Reflecting both the swing in productivity and the acceleration in compensation per hour, unit labor costs increased 15 percent, more than twice as much as in the preceding quarter.

Personal income and its disposition

Personal income at an annual rate increased about \$45 billion in the first quarter, compared with \$57½ billion in the fourth quarter of 1978 (table 6). Two-thirds of the deceleration was

Table 2.—Relation of Gross National Product and Personal Income: Change from Preceding Quarter

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

	1978:IV	1979:I	Acceleration (+) Deceleration (—)
Gross national product.....	78.7	50.8	-27.9
Plus: Subsidies less current surplus of government enterprises.....	2.9	-3.0	-5.9
of which: Government payments to farmers.....	1.8	-2.3	-4.1
Less: Statistical discrepancy.....	3.9	1.0	-3.9
Contributions for social insurance.....	4.5	13.6	9.1
of which: legislative increase in social security contributions.....	0	9.4	9.4
Corporate profits with inventory valuation and capital consumption adjustments.....	11.4	-11.4	-22.8
of which: other than dividends.....	9.6	-13.5	-23.1
Other.....	4.5	.5	-4.0
Equals: Personal income...	57.3	45.1	-12.2

1. Assumed.
2. Calculated residually, as the increase in current-dollar GNP less the increase in charges against GNP other than corporate profits with inventory valuation and capital consumption adjustments.

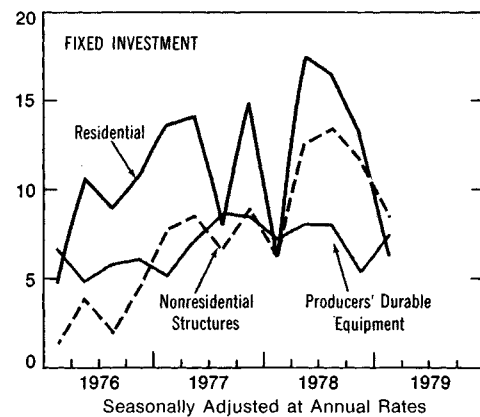
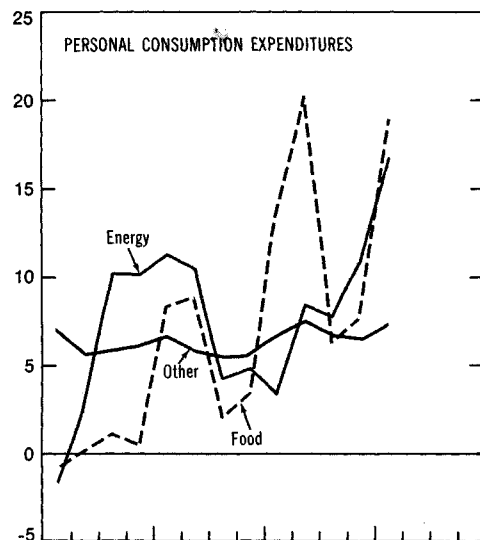
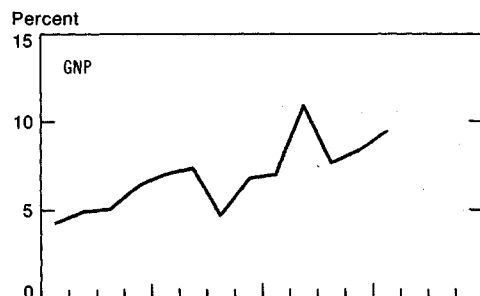
traceable to proprietors' income. Personal contributions for social insurance more than accounted for the remainder.

Wages and salaries at an annual rate increased about \$35½ billion, only a little less than in the fourth quarter. About three-fifths of the first-quarter increase was due to hourly earnings; the rest was more than accounted for by employment, as average weekly hours were down. About \$2 billion was added to hourly earnings—almost all of it in the distributive and service industries—by the increase in the minimum wage from \$2.65 to \$2.90 per hour and the expansion of coverage under the Fair Labor Standards Act, both of which became effective in January. A deceleration in government and government enterprise payrolls reflected last October's Federal pay raise, which had added \$2½ billion to the fourth-quarter increase. (These and other special factors that affected personal income in the fourth and first quarters are listed after the personal income total in table 6.)

The deceleration in proprietors' income was largely in farm income, which

CHART 2

Fixed-Weighted Price Index: Change From Preceding Quarter



U.S. Department of Commerce, Bureau of Economic Analysis 79-4-2

changed little after a substantial increase in the fourth quarter. Most of the deceleration was due to a swing in Federal payments to farmers. These payments at an annual rate declined \$2½ billion after increasing \$2 billion in the fourth quarter; the fourth quarter had included unusually large payments to grain farmers under the target price provisions of the Food and Agriculture Act of 1977.

Personal contributions for social insurance are deducted from wage and salary disbursements and proprietors' income to arrive at personal income. These contributions at an annual rate increased \$6½ billion, compared with \$1½ billion in the fourth quarter. The \$5 billion step-up was due to an increase in the social security tax rate from 6.05 to 6.13 percent and an increase in the taxable wage base from \$17,700 to \$22,900.

Personal taxes at an annual rate declined about \$4½ billion in the first quarter; they had increased \$12 billion in the fourth quarter of 1978 (see the accompanying tabulation). The swing was due to legislative changes. In Federal taxes, legislative changes led to a \$13 billion decline in the first quarter, about \$9½ billion of which was offset mainly by an increase in withholdings in line with the continued increase in payrolls. The principal ele-

ment in the legislative changes was a reduction in individual income taxes under the Revenue Act of 1978, which cut effective rates and increased the standard deduction and personal exemptions. (For a discussion of 1978 Federal tax legislation, see the November 1978 and February 1979 issues of the SURVEY OF CURRENT BUSINESS.) Legislative changes in California and New York reduced State and local first-quarter tax payments \$3 billion.

(Change from preceding quarter; billions of dollars, based on seasonally adjusted annual rates)

	1978:IV	1979:I
Personal tax and nontax payments.....	11.9	-4.4
Federal.....	10.0	-3.6
Impact of legislation.....	.4	-12.9
Other.....	9.6	9.3
State and local.....	1.8	-.8
Impact of legislation.....	.0	-2.8
Other.....	1.8	2.0

The swing in personal taxes more than offset the deceleration in personal income, and disposable personal income at annual rate increased \$49½ billion in the first quarter, about \$4 billion more than in the fourth. As noted earlier, prices paid by consumers increased substantially more than in the fourth quarter. As a result, real disposable personal income, which had increased 6 percent in the fourth quarter, increased only about 3 percent in the first. Given

the recent large shifts in quarter-to-quarter changes in disposable personal income—stemming from both personal income and personal taxes—and the sharp acceleration in inflation, it is even more difficult than usual to relate changes in PCE and personal saving to changes in income. As will be discussed below, PCE decelerated sharply in the first quarter. The saving rate increased from 4.8 percent in the fourth quarter to 5.2 percent in the first.

Personal consumption expenditures.—Real PCE increased only 1½ percent at an annual rate in the first quarter, much less than in the three preceding quarters (table 7). The unfavorable weather may have been a factor in the quarter's weakness, but, although it is possible to see the depressing effects of the weather on monthly retail sales, it is impossible to quantify those effects and any subsequent rebound in a reliable manner. Services were up 5½ percent—somewhat above trend. Expenditures on electricity and natural gas and on foreign travel were particularly strong. Goods declined despite substantial increases in motor vehicles and parts and in energy, where gasoline increased, although less than in the fourth quarter, and fuel oil and coal increased after a decline. Furniture and household equipment, food, clothing and shoes, and the "other" categories of both durables and nondurables de-

Table 3.—Fixed-Weighted Price Indexes

	Index numbers (1972=100) seasonally adjusted						Percent change from preceding quarter at annual rates				
	1977	1978				1979	1978				1979
		IV	I	II	III		IV	I	II	III		IV	I
Gross national product.....	146.5	149.0	152.9	155.8	158.9	162.6	7.0	11.0	7.6	8.4	9.5
Less: Change in business inventories.....											
Equals: Final sales.....	146.4	148.9	152.8	155.7	158.8	162.4	7.0	11.0	7.6	8.3	9.5
Less: Exports.....	181.7	185.2	190.9	194.6	200.1	204.9	8.1	12.9	7.9	11.8	10.0
Plus: Imports.....	203.5	209.5	211.0	215.0	220.3	226.4	12.3	2.9	7.9	10.2	11.5
Equals: Final sales less exports plus imports.....	147.9	150.6	154.2	157.1	160.2	163.9	7.4	10.1	7.6	8.2	9.6
Personal consumption expenditures.....	144.5	147.3	150.9	153.4	156.0	160.0	7.9	10.2	6.7	7.1	10.7
Food.....	150.9	155.8	163.1	165.6	168.2	175.4	13.6	20.3	6.3	7.7	19.0
Energy ¹	185.3	186.8	190.5	194.1	199.4	207.2	3.3	8.4	7.7	10.9	17.1
Other personal consumption expenditures.....	138.9	141.2	143.7	146.1	148.4	151.0	6.7	7.5	6.7	6.5	7.3
Other.....	153.7	156.2	159.9	163.4	167.3	170.6	6.6	9.8	9.1	10.1	8.0
Nonresidential structures.....	160.8	163.3	168.1	173.5	178.3	181.9	6.2	12.5	13.4	11.6	8.3
Producers' durable equipment.....	148.5	151.1	154.0	157.0	159.1	162.0	7.1	8.0	7.9	5.3	7.5
Residential.....	166.1	168.6	175.5	182.3	188.0	190.9	6.2	17.5	16.4	13.1	6.4
Government purchases.....	151.0	153.4	156.4	158.9	162.9	166.2	6.6	7.8	6.7	10.4	8.4
Federal.....	419.6	451.4	453.1	454.5	459.9	462.8	4.9	4.5	3.9	14.6	7.6
State and local.....	152.0	154.9	158.6	161.9	164.9	168.5	7.8	10.0	8.6	7.7	9.0

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

clined after unusually large increases in the fourth quarter.

The strength of motor vehicles and parts was confined to new autos; purchases of trucks and used autos declined, and parts showed no change. New car sales, which include sales to business and other final users as well as to consumers, totaled 11.6 million units (seasonally adjusted annual rate) in the first quarter, up 20½ percent at an annual rate from 11.1 million in the fourth. Almost all of the increase was in sales of imported cars, which reached a record 2.3 million. Imports captured 20 percent of the market, their largest share since the 1974-75 recession. Sales of imports, which are nearly all small cars and are more fuel-efficient than most domestic cars, reflected concern over future gasoline supplies and prices. Domestic car sales were up only slightly—0.1 million—from 9.2 million in the fourth quarter. Within total domestic sales, there was a shift among size categories. Small car sales, like sales of imports, increased rapidly. They were up 0.4 million to a record 3.9 million, and increased their share to 33 percent of

Table 5.—Real Gross Product, Hours, and Compensation in the Business Economy Other Than Farm and Housing

[Percent change from preceding quarter at annual rates, based on seasonally adjusted estimates]

	1978				1979
	I	II	III	IV	I
Real gross product.....	0.7	11.9	2.0	7.3	1.0
Hours.....	4.1	9.5	0	5.2	5.6
Compensation.....	16.6	18.8	9.3	14.6	16.2
Real gross product per hour.....	-3.6	2.2	2.0	2.0	-4.4
Compensation per hour.....	11.7	8.5	9.3	8.9	10.0
Unit labor cost.....	15.7	6.1	7.1	6.8	15.1

total sales. Intermediate car sales fell 0.2 million to 2.8 million; their share dropped to 23½ percent. Full-sized car sales were steady at 2.8 million, and their market share slipped to 23½ percent.

Investment

Real nonresidential fixed investment increased much less in the first quarter than in the fourth—2½ percent at an annual rate, compared with 9½ percent—due to a decline in structures (table 8). The decline in structures largely reflected the unfavorable weather—above-average precipitation, either

Table 6.—Personal Income: Change from Preceding Quarter

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

	1978:IV	1979:I
Wage and salary disbursements.....	36.2	35.3
Manufacturing.....	12.3	13.0
Other commodity-producing.....	2.6	2.2
Distributive.....	8.8	10.0
Services.....	6.9	7.2
Government and government enterprises.....	5.7	2.9
Proprietors' income.....	8.5	.7
Farm.....	5.4	.2
Nonfarm.....	3.1	.5
Transfer payments.....	3.5	4.1
Other income.....	10.7	11.7
Less: Personal contributions for social insurance.....	1.6	6.7
Personal income.....	57.3	45.1
Less: Federal pay raise.....	2.5	.....
Federal payments to farmers..	1.8	-2.3
Minimum wages.....	.....	2.0
Less: Personal contributions for social insurance: rate and base changes.....	.....	4.9
Equals: Personal income, adjusted.....	53.0	50.3

rain or snow, and below-average temperatures. Expenditures for producers' durable equipment increased 8 percent, a little less than in the fourth quarter. As in PCE, an increase in autos partly offset a decline in trucks; other producers' durable equipment continued to increase.

Real residential investment declined 14 percent at an annual rate from the fourth-quarter level, which was near the high end of the \$59½-\$60½ billion (1972 dollars) range in which it had stayed since the fourth quarter of 1977. As in nonresidential structures, the decline largely reflected unfavorable weather. The impact of the weather is evident from housing starts, but the course of housing starts indicates that other factors were at work as well.

Housing starts, which had averaged 2.08 million (seasonally adjusted annual rate) in the fourth quarter of 1978, dropped to 1.68 million in January and to 1.38 million in February, then rebounded to 1.79 million in March (chart 3).³ Starts were lower in February than in the fourth quarter in all regions, and only in the South was the March re-

3. The March starts are somewhat below the assumption about single-family starts used in preparing the estimate of residential investment. However, because starts in the third month of a quarter receive only a small weight in the phasing pattern used to prepare the estimate, the impact on the estimate is very small.

Table 4.—Selected Labor Market Indicators

[Seasonally adjusted]

	1978				1979	1978: I-1978: II	1978: II-1978: III	1978: III-1978: IV	1978: IV-1979: I
	I	II	III	IV	I				
Household survey									
Civilian labor force (millions).....	99.3	100.1	100.8	101.5	102.5	0.9	0.6	0.8	1.0
Employment.....	93.1	94.1	94.7	95.6	96.6	1.0	.6	.9	1.0
Unemployment.....	6.2	6.0	6.0	5.9	5.9	-2	0	-1	0
Unemployment rate (percent).....	6.2	6.0	6.0	5.8	5.7	-2	0	-2	-1
Employment-population ratio.....	58.1	58.6	58.7	59.0	59.4	.5	.1	.3	.4
Civilian labor force participation rate (percent):									
Total.....	62.8	63.1	63.3	63.5	63.8	.3	.2	.2	.3
Men.....	79.9	79.8	79.6	79.8	80.2	-1	-2	.2	.4
Women.....	49.0	49.4	49.8	50.1	50.3	.4	.4	.3	.2
Teenagers.....	56.9	57.9	58.7	58.5	58.8	1.0	.8	-2	.3
Establishment survey									
Employment, nonfarm payroll (millions).....	84.3	85.7	86.1	87.0	87.8	1.4	.4	.8	.9
Goods producing.....	24.8	25.4	25.5	25.9	26.2	.6	.1	.4	.4
Manufacturing.....	20.1	20.3	20.3	20.6	20.9	.2	0	.3	.3
Other.....	4.6	5.1	5.2	5.3	5.3	.5	.1	.1	.1
Distributive ¹	23.9	24.2	24.4	24.6	24.9	.3	.2	.3	.3
Services ²	20.3	20.6	20.8	21.0	21.2	.3	.2	.3	.2
Government.....	15.4	15.6	15.5	15.5	15.5	.2	0	-1	0
Average weekly hours, private nonfarm:									
Total.....	35.7	36.0	35.8	35.9	35.8	.3	-2	.1	-1
Manufacturing.....	40.2	40.6	40.4	40.6	40.7	.4	-2	.2	.1

1. Transportation and public utilities, and wholesale and retail trade.
2. Services, and finance, insurance, and real estate.

Source: Bureau of Labor Statistics.

Table 7.—Personal Consumption Expenditures in Current and Constant Dollars

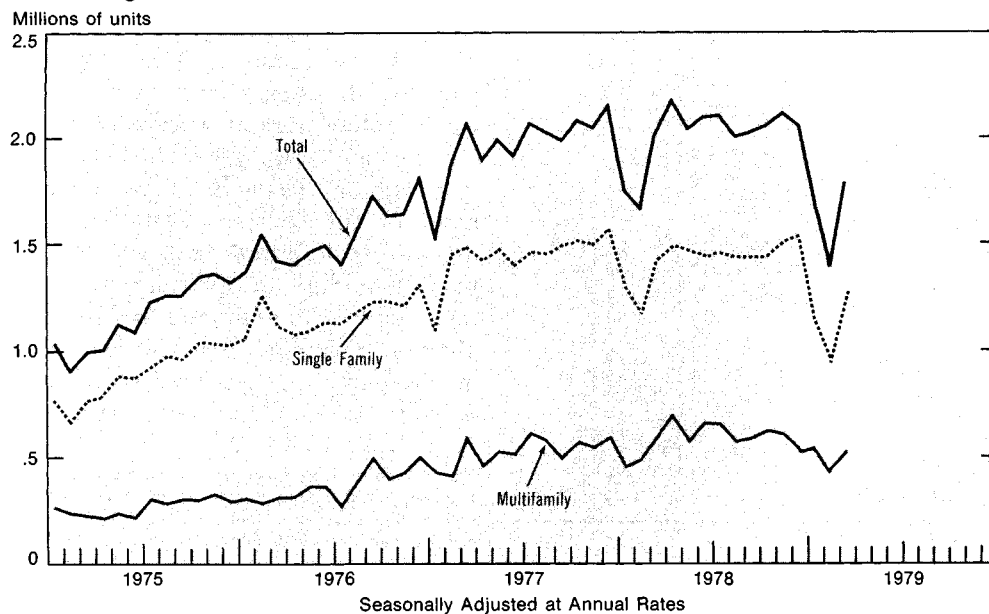
	Current dollars				Constant (1972) dollars										
	Billions of dollars, seasonally adjusted at annual rates												Percent change from preceding quarter at annual rates		
	1978			1979	1978			1979	1978		1979				
	II	III	IV	I	II	III	IV	I	III	IV	I				
Personal consumption expenditures	1,322.9	1,356.9	1,403.9	1,444.7	886.2	895.1	911.8	915.7	4.1	7.6	1.7				
Durables	197.8	199.5	209.1	213.4	145.8	144.8	150.1	150.1	-2.8	15.6	.1				
Motor vehicles and parts.....	92.5	89.8	92.6	96.4	64.2	60.8	62.2	63.2	-19.9	9.7	6.7				
Other durables.....	105.3	109.7	116.5	117.0	81.6	84.0	87.9	86.9	12.4	20.1	-4.4				
Nondurables	519.3	531.7	553.4	569.7	336.3	340.4	348.5	347.1	5.0	10.0	-1.7				
Food.....	267.8	272.0	279.9	290.3	164.7	164.8	166.4	165.5	.2	4.0	-2.2				
Energy ¹	64.3	65.8	70.1	78.1	33.5	34.0	34.9	35.7	5.4	10.9	10.1				
Other nondurables.....	187.2	193.8	203.4	203.3	138.0	141.6	147.3	145.8	10.8	17.0	-3.8				
Services	605.8	625.8	641.4	661.6	404.2	410.0	413.1	418.5	5.9	3.1	5.3				
Energy ²	41.5	43.3	44.0	45.8	22.5	23.0	23.4	24.0	9.4	6.3	11.4				
Other services.....	564.3	582.5	597.5	615.8	381.7	387.0	389.7	394.5	5.7	2.9	5.0				

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

Table 8.—Fixed Investment in Current and Constant Dollars

	Current dollars				Constant (1972) dollars										
	Billions of dollars, seasonally adjusted at annual rates												Percent change from preceding quarter at annual rates		
	1978			1979	1978			1979	1978		1979				
	II	III	IV	I	II	III	IV	I	III	IV	I				
Fixed investment	325.3	336.5	350.5	353.5	200.4	201.4	205.2	203.9	2.0	7.8	-2.4				
Nonresidential	220.1	227.5	237.1	242.6	140.5	141.7	144.9	145.9	3.5	9.5	2.6				
Structures.....	76.6	80.9	85.1	85.0	44.6	45.6	46.7	45.7	9.8	9.8	-8.1				
Producers' durable equipment.....	143.5	146.6	152.0	157.6	95.9	98.1	98.2	100.1	.7	9.3	8.0				
Autos, trucks, and buses.....	44.4	43.7	45.9	47.3	30.6	29.5	30.6	31.1	-13.6	16.4	6.7				
Other.....	99.1	103.0	106.1	110.2	65.3	66.6	67.6	69.0	8.0	6.3	8.5				
Residential	105.3	109.0	113.4	110.9	59.9	59.7	60.3	58.1	-1.6	4.0	-13.8				

Housing Starts



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

Data: Census
79-4-3

bound strong enough to regain the fourth-quarter level. In the Northeast and North Central regions the recovery was partial, and in the West starts remained depressed. Given the regional incidence and timing of the unfavorable weather, it is evident that weather was an important factor. The fact that the recoveries in the Northeast and North Central regions were only partial suggests that additional factors were at work. In the West, it is clear that these factors were present. Although it is difficult to compare such dissimilar situations, another indication that factors other than the weather were involved is that this year's rebound was weaker than the rebounds from the severe winter weather that occurred in 1978 and 1977.

For single-family construction, the most important factor other than the weather was financial developments.

Table 9.—Net Exports of Goods and Services in Current and Constant Dollars

	Current dollars				Constant (1972) dollars						
	Billions of dollars, seasonally adjusted at annual rates								Percent change from preceding quarter at annual rates		
	1978			1979	1978			1979	1978		1979
	II	III	IV	I	II	III	IV	I	III	IV	I
Net exports of goods and services	-5.5	-10.7	-7.6	-10.3	11.3	9.2	10.2	8.9			
Exports.....	205.4	210.1	221.9	229.0	108.4	109.0	111.7	112.4	1.9	10.3	2.6
Merchandise.....	140.3	147.7	156.3	159.8	74.5	77.0	78.9	78.8	14.2	10.5	-1.6
Agricultural.....	32.0	31.7	30.1	28.2							
Nonagricultural.....	108.3	116.0	126.2	131.6							
Other.....	65.1	62.4	65.6	69.1	34.0	32.0	32.7	33.6	-21.5	9.9	10.6
Imports.....	210.9	220.8	229.5	239.2	97.1	99.7	101.5	103.4	11.2	7.3	7.9
Merchandise.....	171.5	179.9	186.2	198.5	75.3	77.4	78.5	79.6	11.9	5.4	5.9
Petroleum.....	42.0	43.9	44.0	45.6							
Nonpetroleum.....	129.5	136.0	142.3	147.9							
Other.....	39.4	40.9	43.3	45.7	21.9	22.3	23.1	23.9	8.7	14.2	15.1

Table 10.—Government Purchases of Goods and Services in Current and Constant Dollars

	Current dollars				Constant (1972) dollars						
	Billions of dollars, seasonally adjusted at annual rates								Percent change from preceding quarter at annual rates		
	1978			1979	1978			1979	1978		1979
	II	III	IV	I	II	III	IV	I	III	IV	I
Government purchases of goods and services	424.7	439.8	454.5	459.4	271.9	276.7	279.4	277.0	7.2	4.0	-3.4
Federal.....	147.2	154.0	162.5	164.7	97.1	100.4	102.5	102.1	14.3	8.8	-1.8
National defense.....	98.6	99.6	102.1	103.9							
Nondefense.....	48.6	54.5	60.4	60.8							
State and local.....	277.6	285.8	292.0	294.8	174.8	176.3	176.9	174.9	3.4	1.3	-4.4

It appears that these developments have finally begun to have a depressing effect. Outstanding mortgage commitments at thrift institutions have fallen off moderately since November. The continued rise in mortgage interest rates may have begun to impinge on demand for loans (chart 4). On the supply side, net inflows to thrifts—savings and loan associations and mutual savings banks—have shown signs of slowing. Through March, the slowing has been mainly in sources of funds other than the 6-month money market certificates (MMC's). There is evidence, however, that funds obtained from MMC's were being invested increasingly in instruments other than mortgages. As the 6-month Treasury bill rate, to which the rate on MMC's is tied, rose, thrifts felt pressure to maintain their earnings, and therefore increasingly invested their inflows from MMC's in instruments such as 90-day certificates of deposit that carried rates above those on mortgages. Also, the certificates of deposit have a maturity close to that of MMC's—an advantage to the thrifts should they be faced with a withdrawal of MMC funds.

For banks, the spread between the prime rate and the rate on mortgages provided an incentive to put inflows from MMC's into loans to business. Furthermore, usury laws continued to limit lending, although in recent months several States have removed or revised their usury laws.

For multifamily construction, chart

3 indicates that factors other than the weather are depressing construction activity: Starts have been falling off since the second quarter of 1978. Despite support from the Section 8 Housing Assistance Program, which subsidizes rents of low-income families, the construction of rental units appears to have been held down by a number of

Table 11.—Federal Government Receipts and Expenditures, NIPA Basis

[Billions of dollars]

	Seasonally adjusted at annual rates				Change from preceding quarter		
	1978			1979	1978		1979
	II	III	IV	I	III	IV	I
Receipts	424.7	441.7	463.1	n.a.	17.0	21.4	n.a.
Personal tax and nontax receipts.....	186.7	199.7	209.7	206.1	13.0	10.0	-3.6
Corporate profits tax accruals.....	72.6	73.6	80.6	n.a.	1.0	7.0	n.a.
Indirect business tax and nontax accruals.....	27.9	28.2	28.8	29.1	.3	.6	.3
Contributions for social insurance.....	137.6	140.1	144.0	156.9	2.5	3.9	12.9
Expenditures	448.3	464.5	483.8	487.2	16.2	19.3	3.4
Purchases of goods and services.....	147.2	154.0	162.5	164.7	6.8	8.5	2.2
National defense.....	98.6	99.6	102.1	103.9	1.0	2.5	1.8
Nondefense.....	48.6	54.5	60.4	60.8	5.9	5.9	.4
Transfer payments.....	180.7	188.8	191.9	195.6	8.1	3.1	3.7
Grants-in-aid to State and local governments.....	75.9	77.5	80.3	76.9	1.6	2.8	-3.4
Net interest paid.....	34.6	36.3	38.1	41.6	1.7	1.8	3.5
Subsidies less current surplus of Government enterprises.....	10.0	8.0	11.0	8.3	-2.0	3.0	-2.7
Less: Wage accruals less disbursements.....	0	.2	0	-.2	.2	-.2	-.2
Surplus or deficit (-), national income and product accounts	-23.6	-22.8	-20.8	n.a.	.8	2.0	n.a.

n.a. Not available.

factors: the smaller increase in rents than in operating costs; concern about the spread of rent controls; the sharp rise in interest rates on construction loans, which are usually 2 percentage points above the prime rate, and on mortgages; and the absence of the tax and inflation-hedge advantages of homeownership.

Change in business inventories.—Real inventory investment at an annual rate was \$12 billion, compared with \$8 billion in the fourth quarter. Inventory investment accounted for the first-quarter increase in GNP. (The first-quarter inventory estimate includes the assumption that manufacturing and trade inventory investment

in March will be substantially higher than in February.) Durables manufacturing accounted for the bulk of inventory investment in the first quarter, and for more than its step-up from the fourth. All durables manufacturing industries except primary metals registered substantial investment; most of the step-up was in motor vehicles and parts inventories, which were reduced in the fourth quarter and increased in the first. Wholesale trade more than accounted for the remainder of first-quarter investment; the rate of investment was about the same as in the fourth quarter. Retail inventories were reduced at about the moderate rate at which they had increased in the fourth

quarter. The first-quarter reduction was in nondurable inventories.

In combination with a small decline in business final sales, the first-quarter step-up in inventory investment resulted in an increase in inventory-sales ratios (chart 5). The ratio of inventories to total business final sales increased from its record low of 0.264 in the fourth quarter to 0.267, and the ratio of inventories to business final sales of goods and structures increased from 0.411 to 0.417.

The strengthening of new orders for durables manufacturing and the buildup of unfilled orders through February, the slowing of deliveries reported by purchasing agents, and the acceleration of sensitive commodity prices, as well as scattered information from industry sources, have raised concern that the ground is being laid for a boom in inventory investment. The information on inventories that is available—on manufacturing and trade inventories through February and on unit auto inventories through March—does not indicate that such a boom has begun.

Net exports

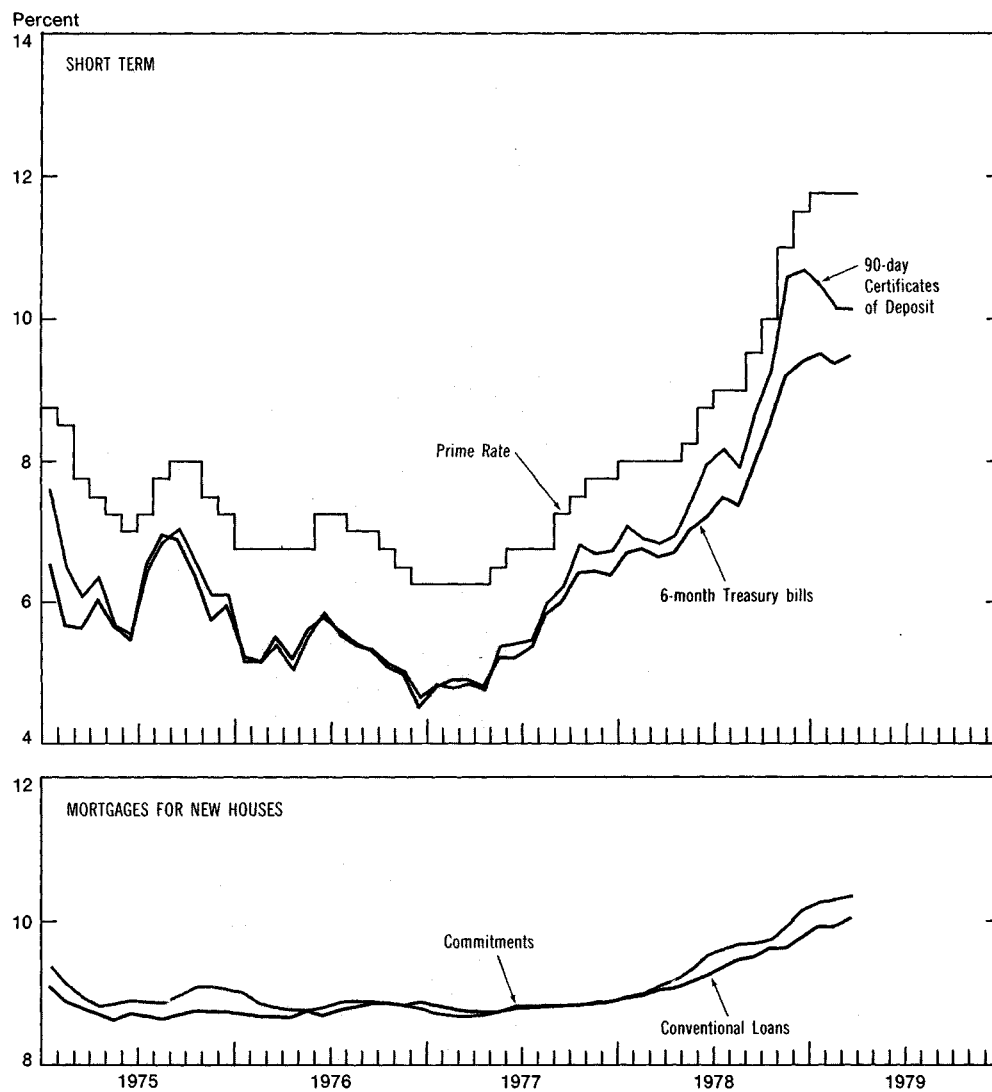
Real net exports at an annual rate were \$9 billion, compared with \$10 billion in the fourth quarter, as imports increased more than exports (table 9). In merchandise trade, exports were unchanged; a decline in agricultural exports, largely due to reduced grain exports, was offset by an increase in nonagricultural exports. Imports were up, largely reflecting an increase in non-petroleum imports. In petroleum, an increase in imports early in the quarter, the result of purchases made in anticipation of the January OPEC price increase, more than offset a decline in imports from Iran late in the quarter.

Government

Real Federal purchases changed little in the first quarter after a 9 percent annual rate increase in the fourth that had reflected a swing in Commodity Credit Corporation purchases (table 10). A 4½ percent decline in State and local government purchases was attributable to structures. Much of it was due to the unfavorable weather.

CHART 4

Selected Interest Rates



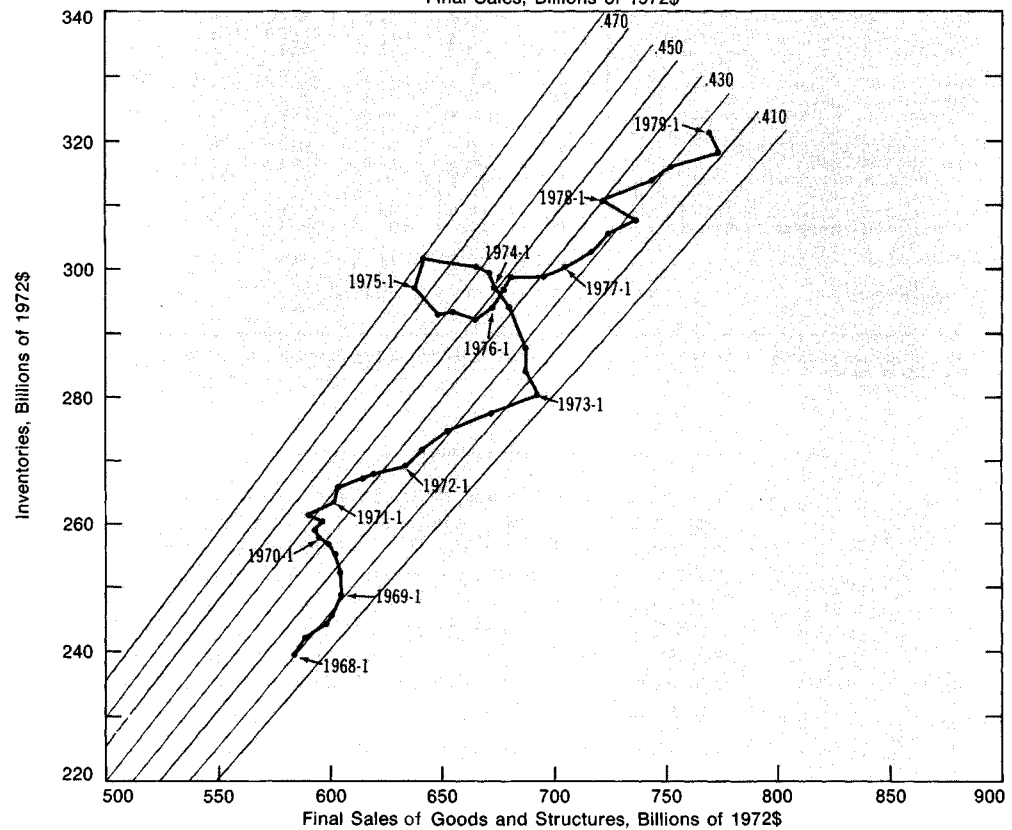
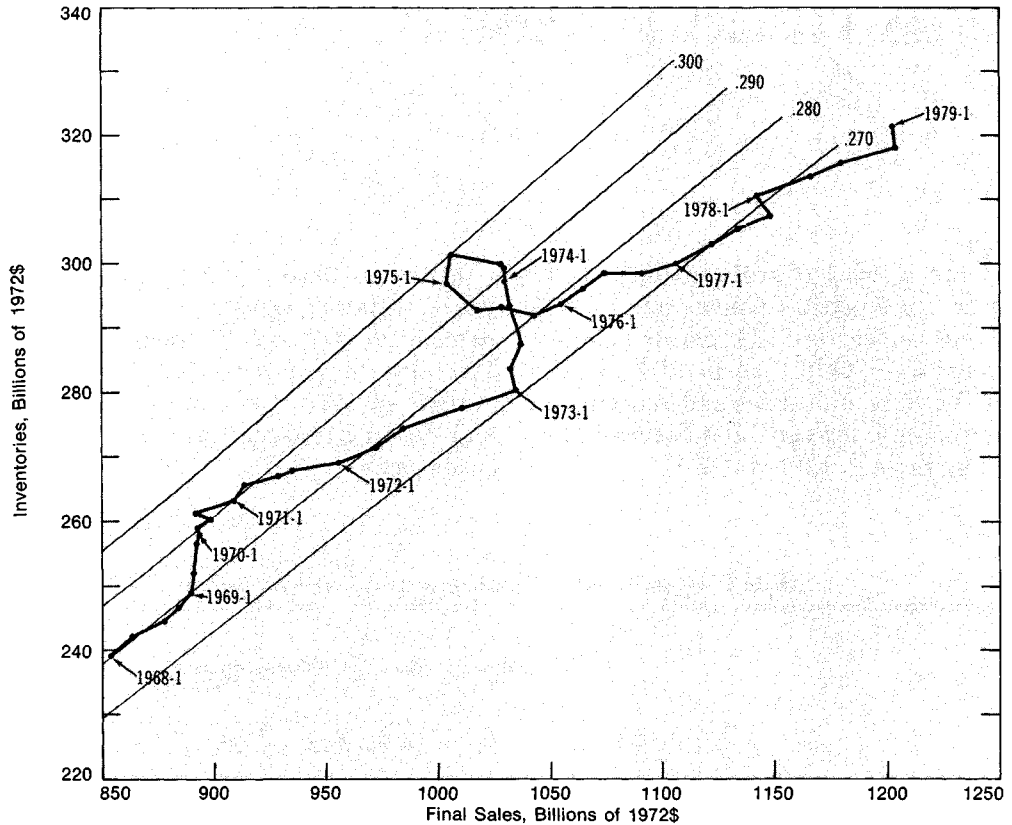
U.S. Department of Commerce, Bureau of Economic Analysis

Data: FRB, FHLBB
79 4.4

NIPA Federal sector.—Table 11 is in current dollars and rounds out the information on Federal receipts and expenditures. Federal expenditures at an annual rate increased only \$3½ billion, compared with \$19½ billion in the fourth quarter of 1978. In addition to a deceleration in purchases, grants-in-aid and subsidies less the current surplus of government enterprises declined after increases in the fourth quarter. In subsidies, the major factor was the swing in payments to farmers referred to earlier. Among receipts, the swing in personal taxes and the acceleration of contributions for social insurance were explained in the section on personal income. Corporate inventory profits at an annual rate increased sharply in the first quarter—from \$28½ billion to \$40½ billion. This increase about offset the sharp drop in residually calculated corporate profits with inventory valuation and capital consumption adjustments. Accordingly, book profits, on which corporate profits taxes are levied, changed little in the first quarter. Given this calculation, corporate profits taxes at an annual rate declined about \$6 billion—the decline reflecting the provisions of the Revenue Act of 1978. On a national income and product accounts basis, the Federal deficit was roughly the same as in the fourth quarter.

Tables showing the key source data and projections used by BEA in preparing the preliminary (15-day) national income and product estimates will no longer be published in the SURVEY. These tables are available on request from the National Income and Wealth Division of BEA.

CHART 5
Constant-Dollar Business Inventories, Final Sales and Final Sales of Goods and Structures, and Inventory-Sales Ratios



Note.—End-of-quarter inventories, seasonally adjusted; final sales seasonally adjusted at annual rates. Blue lines represent ratios of inventory stocks to final sales.

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

79-45

Gross Product by Industry, 1978

THE slowing of real growth in GNP from a 4.9 percent annual rate in 1977 to 4.0 percent in 1978 reflected smaller increases in 1978 than in 1977 in most of the large industries and a decline in agriculture, forestry, and fisheries after an increase in 1977 (table 1).

Prices as measured by the implicit price deflator accelerated from 5.9 percent in 1977 to 7.4 percent in 1978. Virtually all industries had larger increases in 1978; agriculture, forestry, and fisheries showed the sharpest acceleration.

The estimates for 1978 are preliminary. Revised estimates for that year and also for 1976 and 1977 will appear in tables 6.1 (current dollars), 6.2 (constant dollars), and 7.15 (implicit price deflators) of the July 1979 SURVEY OF CURRENT BUSINESS.

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

	Billions of current dollars			Billions of constant (1972) dollars			Implicit price deflators 1972=100			Percent change from preceding year			
	1976	1977	1978	1976	1977	1978	1976	1977	1978	Constant (1972) dollars		Implicit price deflators	
										1977	1978	1977	1978
Gross national product	1,700.1	1,887.2	2,107.6	1,271.0	1,332.7	1,385.7	133.76	141.61	152.09	4.9	4.0	5.9	7.4
Agriculture, forestry, and fisheries.....	52.2	56.3	64.2	36.0	38.3	36.7	145.1	147.0	175.1	6.5	-4.2	1.3	19.1
Mining.....	42.3	49.7	55.6	19.2	19.9	20.8	219.9	250.1	267.6	3.2	4.7	13.7	7.0
Construction.....	74.0	84.0	98.6	53.4	56.9	60.2	138.5	147.5	163.8	6.6	5.8	6.5	11.1
Manufacturing.....	402.8	451.6	510.2	303.2	322.3	341.7	132.9	140.1	149.3	6.3	6.0	5.4	6.6
Transportation.....	63.5	70.7	78.6	49.9	51.9	54.1	127.2	136.2	145.4	4.0	4.1	7.1	6.8
Communication.....	45.2	49.4	55.8	39.3	42.0	45.2	114.9	117.5	123.2	6.9	7.7	2.3	4.9
Electric, gas, and sanitary services.....	43.3	46.9	52.1	30.5	30.1	30.2	142.1	155.8	172.3	-1.2	.5	9.6	10.6
Wholesale and retail trade.....	296.7	325.9	362.6	218.0	227.9	236.9	136.1	143.0	153.0	4.6	4.0	5.1	7.0
Finance, insurance, and real estate.....	235.1	261.5	290.2	193.0	204.0	218.0	121.8	128.2	136.2	5.7	4.5	5.3	6.2
Services.....	207.8	234.0	262.5	151.6	159.0	165.5	137.1	147.2	158.6	4.9	4.1	7.4	7.7
Government and government enterprises.....	218.7	235.3	255.9	164.5	165.7	168.3	132.9	142.0	152.1	.7	1.6	6.8	7.1
Rest of the world.....	14.4	17.3	19.4	6.8	7.3	7.9							
Statistical discrepancy.....	4.2	4.7	1.8										
Residual ²				5.6	7.3	5.2							

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

2. Equals GNP in constant dollars measured as the sum of final products less GNP in constant dollars measured as the sum of gross product by industry.

Updated Input-Output Table of the U.S. Economy: 1972 (Derived from the 1967 Input-Output Table) is now available as BEA Staff Paper No. 32. The tables in this study are 85-industry updates of the 1967 benchmark input-output tables. They differ from the 1972 benchmark input-output tables published elsewhere in this and the February 1979 issues of the SURVEY OF CURRENT BUSINESS. Single copies of the 1972 update are available from BEA's Interindustry Economics Division (BE-51). Additional copies may be secured from the National Technical Information Service, 5285 Port Royal Road, Springfield, Va. 22161. The price is \$5.25 for paper copy and \$3.00 for microfiche. Ask for BEA-SP 79-032.

NATIONAL INCOME AND PRODUCT TABLES

	1977	1978	1977					1978					1979		
			IV	I				IV	I	II				IV	
				I	II	III	IV			I	II	III			
Seasonally adjusted at annual rates															
Billions of current dollars													Billions of 1972 dollars		

Table 1.—Gross National Product in Current and Constant Dollars (1.1, 1.2)

	1977	1978	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6	1,332.7	1,385.7	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Gross national product	1,887.2	2,107.6	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6	1,332.7	1,385.7	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Personal consumption expenditures	1,206.5	1,340.1	1,255.2	1,276.7	1,322.9	1,356.9	1,403.9	1,444.7	857.7	891.7	876.6	873.5	886.3	895.1	911.8	915.7
Durable goods.....	178.4	197.5	187.2	183.5	197.8	199.5	209.1	213.4	137.8	144.6	143.0	137.8	145.8	144.8	150.1	150.1
Nondurable goods.....	479.0	526.5	496.9	501.4	519.3	531.7	553.4	569.7	330.4	339.6	338.1	333.3	336.3	340.4	348.5	347.1
Services.....	549.2	616.2	571.1	591.8	605.8	625.8	641.4	661.6	389.5	407.4	395.6	402.4	404.2	410.0	413.1	418.5
Gross private domestic investment	297.8	345.6	313.5	322.7	345.4	350.1	364.0	371.6	196.3	210.6	200.3	205.7	213.1	210.4	213.4	215.7
Fixed investment.....	282.3	329.6	300.5	306.0	325.3	336.5	350.5	353.5	187.4	200.1	192.8	193.4	200.4	201.4	205.2	203.9
Nonresidential.....	190.4	222.6	200.3	205.6	220.1	227.5	237.1	242.6	129.8	140.2	132.5	133.8	140.5	141.7	144.9	145.9
Structures.....	63.9	77.8	67.4	68.5	76.6	80.9	85.1	85.0	40.0	44.5	41.0	44.6	45.6	46.7	45.7	45.7
Producers' durable equipment.....	126.5	144.8	132.8	137.1	143.5	146.6	152.0	157.6	89.8	95.8	91.5	92.9	95.9	96.1	98.2	100.1
Residential.....	91.9	107.0	100.2	100.3	105.3	109.0	113.4	110.9	57.7	59.8	60.3	59.5	59.9	59.7	60.3	58.1
Nonfarm structures.....	88.9	103.8	97.5	97.3	102.1	105.7	110.2	107.8	55.6	57.7	58.4	57.4	57.8	57.6	58.2	56.1
Farm structures.....	1.5	1.4	1.2	1.3	1.4	1.5	1.5	1.3	.9	.8	.7	.8	.8	.8	.7	.7
Producers' durable equipment.....	1.5	1.7	1.6	1.7	1.8	1.7	1.7	1.8	1.2	1.3	1.2	1.3	1.4	1.3	1.3	1.3
Change in business inventories.....	15.6	16.0	13.1	16.7	20.1	13.6	13.5	18.1	8.9	10.6	7.5	12.3	12.7	9.0	8.2	11.8
Nonfarm.....	15.0	16.7	10.4	16.9	22.1	14.6	13.4	19.6	9.4	11.0	6.5	12.5	13.9	9.6	8.1	12.6
Farm.....	.6	-.8	2.7	-.2	-2.0	-.9	.1	-1.5	-.5	-.5	.9	-.1	-1.2	-.6	.1	-.8
Net exports of goods and services	-11.1	-12.0	-23.2	-24.1	-5.5	-10.7	-7.6	-10.3	9.5	8.4	3.1	2.9	11.3	9.2	10.2	8.9
Exports.....	175.5	204.8	172.1	181.7	205.4	210.1	221.9	229.0	98.2	107.0	96.0	99.1	108.4	109.0	111.7	112.4
Imports.....	186.6	216.8	195.2	205.8	210.9	220.8	229.5	239.2	88.7	98.6	92.9	96.2	97.1	99.7	101.5	103.4
Government purchases of goods and services	394.0	433.9	412.5	416.7	424.7	439.8	454.5	459.4	269.2	275.0	274.5	272.1	271.9	276.7	279.4	277.0
Federal.....	145.1	153.8	152.2	151.5	147.2	154.0	162.5	164.7	101.6	100.3	103.6	101.2	97.1	100.4	102.5	102.1
National defense.....	94.3	99.5	97.1	97.9	98.6	99.6	102.1	103.9								
Nondefense.....	50.8	54.3	55.1	53.6	48.6	54.5	60.4	60.8								
State and local.....	248.9	280.2	260.3	265.2	277.6	285.8	292.0	294.8	167.6	174.7	170.9	170.8	174.8	176.3	176.9	174.9

Table 2.—Gross National Product by Major Type of Product in Current and Constant Dollars (1.3, 1.5)

	1977	1978	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6	1,332.7	1,385.7	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Gross national product	1,887.2	2,107.6	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6	1,332.7	1,385.7	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Final sales.....	1,871.6	2,091.6	1,945.0	1,975.3	2,067.4	2,122.5	2,201.3	2,247.4	1,323.8	1,375.2	1,347.1	1,341.8	1,369.9	1,382.4	1,406.5	1,405.5
Change in business inventories.....	15.6	16.0	13.1	16.7	20.1	13.6	13.5	18.1	8.9	10.6	7.5	12.3	12.7	9.0	8.2	11.8
Goods	832.6	918.4	859.6	861.8	912.2	927.3	972.5	1,000.7	608.4	629.7	620.1	611.8	627.7	630.2	649.1	651.4
Final sales.....	817.0	902.4	846.5	845.1	892.1	913.7	958.9	982.6	599.6	619.1	612.7	599.4	615.0	621.2	640.9	639.7
Change in business inventories.....	15.6	16.0	13.1	16.7	20.1	13.6	13.5	18.1	8.9	10.6	7.5	12.3	12.7	9.0	8.2	11.8
Durable goods.....	341.3	376.8	347.4	351.2	375.8	380.1	400.1	421.8	253.7	265.4	255.1	254.6	266.6	264.8	275.5	283.3
Final sales.....	332.9	365.1	341.1	336.3	365.0	369.8	389.2	399.3	248.0	258.1	250.5	245.0	260.2	258.7	268.4	270.1
Change in business inventories.....	8.4	11.7	6.3	14.8	10.8	10.2	10.8	22.4	5.8	7.3	4.6	9.6	6.4	6.1	7.1	13.1
Nondurable goods.....	491.3	541.7	512.2	510.6	536.4	547.2	572.4	579.0	354.7	364.3	365.0	357.2	361.2	365.4	373.6	368.2
Final sales.....	484.1	537.4	505.4	508.7	527.1	543.9	569.7	583.2	351.6	361.1	362.1	354.5	354.8	362.5	372.5	369.5
Change in business inventories.....	7.2	4.3	6.8	1.9	9.3	3.4	2.7	-4.3	3.1	3.3	2.9	2.7	6.3	2.9	1.1	-1.3
Services.....	862.8	962.5	893.6	926.4	952.0	973.7	997.7	1,025.2	602.9	627.0	609.6	620.1	625.6	629.7	632.6	638.0
Structures.....	191.8	226.7	204.9	203.8	223.4	235.0	244.7	239.6	121.3	129.0	124.8	122.3	129.3	131.6	133.0	127.9

Table 3.—Gross National Product by Sector in Current and Constant Dollars (1.7, 1.8)

	1977	1978	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6	1,332.7	1,385.7	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Gross national product	1,887.2	2,107.6	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6	1,332.7	1,385.7	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Gross domestic product	1,869.9	2,088.2	1,942.2	1,973.8	2,066.5	2,117.3	2,195.1	2,244.3	1,325.3	1,377.9	1,347.9	1,346.6	1,373.9	1,383.9	1,407.0	1,409.3
Business.....	1,599.3	1,790.2	1,660.4	1,684.1	1,771.8	1,817.5	1,887.4	1,930.2	1,135.9	1,183.7	1,155.9	1,153.5	1,180.0	1,189.3	1,212.1	1,214.1
Nonfarm.....	1,544.0	1,730.5	1,601.6	1,628.9	1,714.9	1,758.5	1,819.9	1,864.0	1,094.2	1,146.0	1,112.4	1,115.4	1,145.2	1,151.8	1,171.5	1,175.4
Nonfarm less housing.....	1,397.8	1,566.3	1,449.0	1,471.7	1,553.2	1,592.0	1,648.1	1,685.0	980.5	1,026.6	996.4	998.1	1,026.5	1,031.7	1,050.0	1,052.5
Housing.....	146.2	164.3	152.7	157.1	161.7	166.5	171.7	175.9	113.6	119.4	116.0	117.4	118.6	120.1	121.5	122.9
Farm.....	50.5	57.8	54.0	53.0	56.4	58.6	63.2	66.9	34.4	32.5	36.1	32.5	30.5	33.2	33.8	31.9
Statistical discrepancy.....	4.7	1.8	4.8	2.2	.5	.4	4.3									
Residual ¹								78.9	7.3	5.2	7.4	5.5	4.3	4.3	6.8	6.8
Households and institutions.....	62.7	71.5	65.9	68.8	70.5	72.3	74.4		42.2	44.5	43.6	43.8	44.3	44.9	45.2	45.5
Government.....	208.0	226.5	215.9	221.0	224.1	227.5	233.4	237.2	147.2	149.6	148.4	149.4	149.6	149.8	149.8	149.7
Federal.....	66.4	71.1	69.5	69.9	70.1	70.5	74.0	74.6	48.7	48.9	48.8	48.8	48.8	49.0	48.9	48.8
State and local.....	141.5	155.4	146.4	151.1	154.1	157.0	159.4	162.6	98.4	100.8	99.6	100.6	100.8	100.8	100.9	100.9
Rest of the world	17.3	19.4	15.9	18.2	21.1	18.8	19.8	21.3	7.3	7.9	6.6	7.5	8.8	7.5	7.7	8.0

¹ Preliminary. Footnotes for tables 2 and 3 on following page.

NOTE.—Fourth quarter 1978 corporate profits and related totals are revised. This applies to all tables that contain corporate profits or related items.

HISTORICAL STATISTICS

The national income and product data for 1929-72 are in *The National Income and Products Accounts of the United States, 1929-74: Statistical Tables* (available for \$4.95, SN 003-010-00052-9, from Commerce Department District Offices or the Superintendent of

Documents; see addresses inside front cover). Data for 1973, 1974, and 1975-77 are in July 1976, July 1977, and July 1978 issues of the SURVEY, respectively.

	1977	1978	1977					1978					1979
			IV	I	II	III	IV	I	II	III	IV		
												Seasonally adjusted at annual rates	
Billions of dollars													

Table 4.—Relation of Gross National Product, Net National Product, National Income, and Personal Income (1.9)

Gross national product.....	1,887.2	2,107.6	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6
Less: Capital consumption allowances with capital consumption adjustment.....	195.2	216.9	202.6	207.3	213.3	220.8	226.3	231.7
Capital consumption allowances without capital consumption adjustment.....	153.6	165.4	157.8	161.0	163.9	166.9	169.9	172.7
Less: Capital consumption adjustment.....	-41.6	-51.5	-44.7	-46.3	-49.4	-53.8	-56.4	-59.0
Equals: Net national product.....	1,692.0	1,890.7	1,755.5	1,784.7	1,874.2	1,915.3	1,988.5	2,033.9
Less: Indirect business tax and nontax liability.....	165.1	178.3	170.1	173.3	179.4	177.7	182.7	186.2
Business transfer payments.....	9.6	10.7	10.0	10.2	10.5	10.9	11.3	11.7
Statistical discrepancy.....	4.7	1.8	4.8	2.2	.5	.4	4.3	-----
Plus: Subsidies less current surplus of government enterprises.....	2.8	3.9	6.3	4.1	4.3	2.1	5.0	2.0
Equals: National income.....	1,515.3	1,703.7	1,576.9	1,603.1	1,688.1	1,728.4	1,795.2	-----
Less: Corporate profits with inventory valuation and capital consumption adjustments.....	144.2	159.5	148.2	132.6	163.4	165.2	176.6	-----
Net interest.....	95.4	106.3	99.0	101.7	104.6	107.4	111.4	114.2
Contributions for social insurance.....	140.3	164.3	145.0	157.4	162.7	166.2	170.7	184.3
Wage accruals less disbursements.....	0	0	0	0	0	.2	0	-.2
Plus: Government transfer payments to persons.....	199.2	215.3	205.9	208.9	210.1	219.6	222.7	226.4
Personal interest income.....	141.2	159.0	146.0	151.4	156.3	161.7	166.6	171.8
Net interest.....	95.4	106.3	99.0	101.7	104.6	107.4	111.4	114.2
Interest paid by government to persons and business.....	43.0	49.3	44.5	46.7	48.4	50.6	51.4	54.4
Less: Interest received by government.....	25.8	30.3	27.3	28.5	29.7	30.9	32.3	33.6
Interest paid by consumers to business.....	28.6	33.8	29.8	31.5	33.0	34.6	36.0	36.8
Dividends.....	43.7	49.3	46.3	47.0	48.1	50.1	51.9	54.0
Business transfer payments.....	9.6	10.7	10.0	10.2	10.5	10.9	11.3	11.7
Equals: Personal income.....	1,529.0	1,708.0	1,593.0	1,628.9	1,682.4	1,731.7	1,789.0	1,834.1

Table 5.—Relation of Gross National Product, Net National Product, and National Income in Constant Dollars (1.10)

[Billions of 1972 dollars]								
Gross national product.....	1,332.7	1,385.7	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Less: Capital consumption allowances with capital consumption adjustment.....	128.9	131.9	130.2	130.9	131.6	132.3	133.0	133.8
Equals: Net national product.....	1,203.8	1,253.8	1,224.4	1,223.3	1,251.1	1,259.2	1,281.7	1,283.5
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprise.....	131.4	138.0	134.0	135.0	137.4	139.1	140.7	141.8
Residual ¹	7.3	5.2	7.4	5.5	4.3	4.3	6.8	-----
Equals: National income.....	1,065.1	1,110.5	1,083.0	1,082.8	1,109.4	1,115.8	1,134.2	-----

	1977	1978	1977					1978					1979
			IV	I	II	III	IV	I	II	III	IV		
												Seasonally adjusted at annual rates	
Billions of dollars													

Table 6.—Net National Product and National Income by Sector in Current and Constant Dollars (1.11, 1.12)

Net national product.....	1,692.0	1,890.7	1,755.5	1,784.7	1,874.2	1,915.3	1,988.5	2,033.9
Net domestic product.....	1,674.7	1,871.2	1,739.6	1,766.5	1,853.2	1,896.5	1,968.7	2,012.6
Business.....	1,404.1	1,573.3	1,457.8	1,476.8	1,558.5	1,596.7	1,661.0	1,698.5
Nonfarm.....	1,363.2	1,529.2	1,413.9	1,436.7	1,517.0	1,553.5	1,609.6	-----
Farm.....	36.1	42.2	39.1	37.9	41.0	42.9	47.1	50.6
Statistical discrepancy.....	4.7	1.8	4.8	2.2	.5	.4	4.3	-----
Households and institutions.....	62.7	71.5	65.9	68.8	70.5	72.3	74.4	76.9
Government.....	208.0	226.5	215.9	221.0	224.1	227.5	233.4	237.2
Rest of the world.....	17.3	19.4	15.9	18.2	21.1	18.8	19.8	21.3
National income.....	1,515.3	1,703.7	1,576.9	1,603.1	1,688.1	1,728.4	1,795.2	-----
Domestic income.....	1,496.0	1,684.3	1,560.9	1,584.9	1,667.1	1,709.7	1,775.5	-----
Business.....	1,227.4	1,386.3	1,279.1	1,295.2	1,372.4	1,409.9	1,467.8	-----
Nonfarm.....	1,192.6	1,344.8	1,238.7	1,257.7	1,332.4	1,368.5	1,420.4	-----
Farm.....	34.8	41.5	40.5	37.4	40.0	41.3	47.3	48.3
Households and institutions.....	62.7	71.5	65.9	68.8	70.5	72.3	74.4	76.9
Government.....	208.0	226.5	215.9	221.0	224.1	227.5	233.4	237.2
Rest of the world.....	17.3	19.4	15.9	18.2	21.1	18.8	19.8	21.3
Billions of 1972 dollars								
Net national product.....	1,203.8	1,253.8	1,224.4	1,223.3	1,251.1	1,259.2	1,281.7	1,283.5
Net domestic product.....	1,196.4	1,246.0	1,217.7	1,215.8	1,242.3	1,251.7	1,274.0	1,275.5
Business.....	1,007.0	1,051.8	1,025.7	1,022.6	1,048.5	1,057.0	1,079.1	1,080.2
Nonfarm.....	974.5	1,023.3	991.5	993.8	1,022.8	1,028.8	1,047.8	-----
Farm.....	25.2	27.2	26.9	23.3	21.3	23.9	24.5	22.6
Residual ¹	7.3	5.2	7.4	5.5	4.3	4.3	6.8	-----
Households and institutions.....	42.2	44.5	43.6	43.8	44.3	44.9	45.2	45.5
Government.....	147.2	149.6	148.4	149.4	149.6	149.8	149.8	149.7
Rest of the world.....	7.3	7.9	6.6	7.5	8.8	7.5	7.7	8.0
National income.....	1,065.1	1,110.5	1,083.0	1,082.8	1,109.4	1,115.8	1,134.2	-----
Domestic income.....	1,057.7	1,102.7	1,076.4	1,075.3	1,100.6	1,108.3	1,126.5	-----
Business.....	868.3	908.5	884.3	882.1	906.8	913.6	931.6	-----
Nonfarm.....	841.4	883.8	855.7	857.3	884.1	888.3	905.6	-----
Farm.....	26.9	24.7	28.7	24.8	22.7	25.3	26.0	24.1
Households and institutions.....	42.2	44.5	43.6	43.8	44.3	44.9	45.2	45.5
Government.....	147.2	149.6	148.4	149.4	149.6	149.8	149.8	149.7
Rest of the world.....	7.3	7.9	6.6	7.5	8.8	7.5	7.7	8.0

¹ Preliminary.

1. Equals GNP in constant dollars measured as the sum of final products less GNP in constant dollars measured as the sum of gross product by industry. The quarterly estimates are obtained by interpolating the annual estimates with the statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

NOTE.—Table 6: The industry classification within the business sector is on an establishment basis and is based on the 1972 Standard Industrial Classification.

Footnotes for tables 2 and 3.

1. Equals GNP in constant dollars measured as the sum of final products less GNP in constant dollars measured as the sum of gross product by industry. The quarterly estimates are obtained by interpolating the annual estimates with the statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

NOTE.—Table 2: "Final sales" is classified as durable or nondurable by type of product. "Change in business inventories" is classified as follows: For manufacturing, by the type of product produced by the establishment holding the inventory; for trade, by the type of product sold by the establishment holding the inventory; for construction, durable; and for other industries, nondurable.

Table 3: The industry classification within the business sector is on an establishment basis and is based on the 1972 Standard Industrial Classification.

2. Held constant at level of previous quarter.

	1977	1978	1978					1979
			IV	I	II	III	IV	
Seasonally adjusted at annual rates								
Billions of dollars								

Table 7.—National Income by Type of Income (1.13)

National income.....	1,515.3	1,703.7	1,576.9	1,603.1	1,688.1	1,728.4	1,795.2	
Compensation of employees.....	1,153.4	1,301.4	1,199.7	1,241.0	1,287.8	1,317.1	1,359.8	1,405.9
Wages and salaries.....	983.6	1,101.0	1,021.2	1,050.8	1,090.2	1,113.4	1,149.4	1,184.5
Government and government enterprises.....	200.8	216.1	208.1	211.4	213.9	216.8	222.3	225.1
Other.....	782.9	884.8	813.1	839.3	876.3	896.6	927.1	959.5
Supplements to wages and salaries.....	169.8	200.5	178.4	190.2	197.6	203.6	210.4	221.4
Employer contributions for social insurance.....	79.4	94.5	82.4	90.2	93.6	95.7	98.6	105.5
Other labor income.....	90.4	105.9	96.1	100.0	104.0	107.9	111.8	115.9
Proprietors' income with inventory valuation and capital consumption adjustments.....	99.8	113.2	107.3	105.0	110.1	114.5	123.0	123.7
Farm.....	20.2	25.3	25.1	21.9	24.0	25.0	30.4	30.6
Proprietors, income with inventory valuation adjustment and without capital consumption adjustment.....	24.6	30.1	29.8	26.6	28.8	29.7	35.2	35.5
Capital consumption adjustment.....	-4.4	-4.8	-4.7	-4.7	-4.8	-4.8	-4.8	-5.0
Nonfarm.....	79.5	87.8	82.3	83.1	86.1	89.6	92.6	93.1
Proprietors' income without inventory valuation and capital consumption adjustments.....	81.4	92.0	84.8	86.7	90.1	93.5	97.8	99.7
Inventory valuation adjustment.....	-1.3	-2.2	-1.3	-2.1	-2.2	-1.8	-2.6	-3.3
Capital consumption adjustment.....	-.6	-2.0	-1.2	-1.5	-1.8	-2.1	-2.6	-3.2
Rental income of persons with capital consumption adjustment.....	22.5	23.4	22.7	22.8	22.2	24.3	24.4	24.7
Rental income.....	42.1	47.6	44.0	44.6	45.5	49.5	51.0	52.0
Capital consumption adjustment.....	-19.6	-24.2	-21.3	-21.8	-23.3	-25.2	-26.6	-27.3
Corporate profits with inventory valuation and capital consumption adjustments.....	144.2	159.5	148.2	132.6	163.4	165.2	176.6	
Corporate profits with inventory valuation adjustment and without capital consumption adjustment.....	159.1	177.6	163.5	148.7	180.6	184.5	196.4	
Profits before tax.....	173.9	202.0	178.3	172.1	205.5	205.4	224.9	
Profits tax liability.....	71.8	83.9	73.9	70.0	85.0	86.2	94.4	
Profits after tax.....	102.1	118.1	104.4	102.1	120.5	119.2	130.5	
Dividends.....	43.7	49.3	46.3	47.0	48.1	50.1	51.9	54.0
Undistributed profits.....	58.4	68.8	58.1	55.1	72.4	69.2	78.6	
Inventory valuation adjustment.....	-14.8	-24.4	-14.8	-23.5	-24.9	-20.9	-28.4	-40.3
Capital consumption adjustment.....	-14.9	-18.1	-15.3	-16.1	-17.2	-19.3	-19.9	-20.7
Net interest.....	95.4	106.3	99.0	101.7	104.6	107.4	111.4	114.2
Addenda:								
Corporate profits with inventory valuation and capital consumption adjustments.....	144.2	159.5	148.2	132.6	163.4	165.2	176.6	
Profits tax liability.....	71.8	83.9	73.9	70.0	85.0	86.2	94.4	
Profits after tax with inventory valuation and capital consumption adjustments.....	72.3	75.6	74.3	62.6	78.4	79.0	82.2	
Dividends.....	43.7	49.3	46.3	47.0	48.1	50.1	51.9	54.0
Undistributed profits with inventory valuation and capital consumption adjustments.....	28.7	26.3	28.0	15.6	30.3	29.0	30.3	

Table 8.—Gross Domestic Product of Corporate Business (1.15, 7.8)

Gross domestic product of corporate business.....	1,160.2	1,307.0	1,206.1	1,223.4	1,298.0	1,328.7	1,377.8	
Capital consumption allowances with capital consumption adjustment.....	120.9	132.5	124.6	127.4	130.5	134.7	137.4	140.3
Net domestic product.....	1,039.3	1,174.5	1,081.4	1,096.1	1,167.5	1,194.0	1,240.4	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	117.8	129.1	121.5	124.3	129.1	129.7	133.4	136.5
Domestic income.....	921.5	1,045.4	960.0	971.8	1,038.3	1,064.3	1,107.0	
Compensation of employees.....	776.3	884.1	808.1	837.4	875.1	896.4	927.4	963.0
Wages and salaries.....	652.5	737.5	678.1	698.7	730.6	747.4	773.4	800.7
Supplements to wages and salaries.....	123.8	146.5	130.0	138.7	144.5	149.0	154.0	162.3

	1977	1978	1978					1979
			IV	I	II	III	IV	
Seasonally adjusted at annual rates								
Billions of dollars								

Table 8.—Gross Domestic Product of Corporate Business—Con.

Corporate profits with inventory valuation and capital consumption adjustments.....	134.6	149.6	140.3	123.2	151.7	156.1	167.5	
Profits before tax.....	164.3	192.1	170.4	162.7	193.8	196.3	215.8	
Profits tax liability.....	71.8	83.9	73.9	70.0	85.0	86.2	94.4	
Profits after tax.....	92.5	108.3	96.5	92.7	108.8	110.1	121.4	
Dividends.....	39.0	44.3	42.0	42.3	45.6	47.1	49.0	
Undistributed profits.....	53.5	63.9	54.5	50.4	66.5	64.5	74.3	
Inventory valuation adjustment.....	-14.8	-24.4	-14.8	-23.5	-24.9	-20.9	-28.4	-40.3
Capital consumption adjustment.....	-14.9	-18.1	-15.3	-16.1	-17.2	-19.3	-19.9	-20.7
Net interest.....	10.6	11.7	11.5	11.2	11.5	11.8	12.1	12.5
Gross domestic product of financial corporate business ¹	57.0	66.4	59.8	61.8	64.9	68.1	70.8	
Gross domestic product of non-financial corporate business.....	1,103.2	1,240.6	1,146.3	1,161.6	1,233.0	1,260.6	1,307.0	
Capital consumption allowances with capital consumption adjustment.....	115.6	126.5	119.0	121.6	124.6	128.6	131.1	133.8
Net domestic product.....	987.6	1,114.1	1,027.3	1,040.0	1,108.5	1,132.0	1,175.9	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	107.8	117.9	110.9	113.5	118.0	118.4	121.8	124.5
Domestic income.....	879.8	996.2	916.4	926.5	990.5	1,013.6	1,054.2	
Compensation of employees.....	732.1	834.1	762.2	789.9	826.0	845.5	875.1	909.2
Wages and salaries.....	616.1	696.7	640.3	659.8	690.4	705.7	730.6	756.8
Supplements to wages and salaries.....	116.1	137.5	121.9	130.1	135.6	139.7	144.5	152.4
Corporate profits with inventory valuation and capital consumption adjustments.....	113.9	124.9	118.7	100.9	127.8	130.6	140.4	
Profits before tax.....	143.5	167.0	148.5	140.0	169.5	170.3	188.2	
Profits tax liability.....	59.0	68.5	60.4	55.9	70.1	70.2	77.8	
Profits after tax.....	84.5	98.5	88.0	84.2	99.4	100.1	110.4	
Dividends.....	39.1	45.0	42.5	43.0	42.9	46.2	47.8	49.7
Undistributed profits.....	45.5	53.5	45.6	41.2	56.5	53.9	62.6	
Inventory valuation adjustment.....	-14.8	-24.4	-14.8	-23.5	-24.9	-20.9	-28.4	-40.3
Capital consumption adjustment.....	-14.7	-17.7	-15.0	-15.7	-16.8	-18.9	-19.4	-20.1
Net interest.....	33.7	37.1	35.4	35.7	36.6	37.6	38.6	39.7
Billions of 1972 dollars								
Gross domestic product of non-financial corporate business.....	769.3	810.4	783.6	783.6	811.9	814.9	831.0	
Capital consumption allowances with capital consumption adjustment.....	76.5	77.9	77.1	77.5	77.8	78.1	78.4	78.7
Net domestic product.....	692.8	732.4	706.5	706.2	734.1	736.8	752.6	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	86.0	89.8	87.5	87.8	89.3	90.5	91.7	92.5
Domestic income.....	606.9	642.6	619.1	618.4	644.8	646.3	660.9	
Dollars								
Current-dollar cost and profit per unit of constant-dollar gross domestic product ²	1.434	1.531	1.463	1.482	1.519	1.547	1.573	
Capital consumption allowances with capital consumption adjustment.....	.150	.156	.152	.155	.153	.158	.158	
Net domestic product.....	1.284	1.375	1.311	1.327	1.365	1.389	1.415	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	.140	.146	.142	.145	.145	.145	.147	
Domestic income.....	1.144	1.229	1.169	1.182	1.220	1.244	1.269	
Compensation of employees.....	.952	1.029	.973	1.008	1.017	1.038	1.053	
Corporate profits with inventory valuation and capital consumption adjustments.....	.148	.154	.151	.129	.157	.160	.169	
Profits tax liability.....	.077	.085	.077	.071	.086	.086	.094	
Profits after tax with inventory valuation and capital consumption adjustments.....	.071	.070	.074	.057	.071	.074	.075	
Net interest.....	.044	.046	.045	.046	.045	.046	.046	

¹ Preliminary.

1. Consists of the following industries: Banking; credit agencies other than banks; security, commodity brokers and services; insurance carriers; regulated investment companies; small business investment companies; and real estate investment trusts.
2. Equals the deflator for gross domestic product of nonfinancial corporate business with the decimal point shifted two places to the left.

	1977	1978	1978					1979
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 9.—Auto Output in Current and Constant Dollars (1.16, 1.17)

	1977	1978	1978	1978	1978	1978	1978	1979
Auto output	72.3	77.5	74.5	73.8	79.5	75.8	81.0	87.7
Final sales	70.9	76.7	72.0	71.3	80.8	77.4	77.5	85.0
Personal consumption expenditures.....	31.8	67.8	63.2	63.1	70.5	67.9	69.6	73.7
New autos.....	46.3	50.6	47.3	47.3	54.1	49.9	51.1	55.8
Net purchases of used autos.....	15.5	17.2	15.9	15.8	16.5	18.0	18.5	17.8
Producers' durable equipment.....	12.2	14.7	13.0	13.4	15.0	15.5	14.9	16.2
New autos.....	19.0	22.3	19.7	20.3	22.7	23.4	22.6	24.7
Net purchases of used autos.....	-6.8	-7.6	-6.7	-6.9	-7.8	-7.9	-7.7	-8.5
Net exports.....	-3.6	-6.2	-4.8	-5.8	-5.2	-6.5	-7.5	-5.3
Exports.....	7.0	7.5	6.9	6.9	7.9	7.8	7.4	9.1
Imports.....	10.7	13.7	11.8	12.7	13.1	14.3	14.9	14.4
Government purchases of goods and services.....	.6	.5	.6	.6	.5	.5	.5	.5
Change in business inventories of new and used autos	1.4	.8	2.5	2.5	-1.3	-1.6	3.6	2.7
New.....	1.6	.9	3.4	2.7	-2.2	-1.4	4.5	2.4
Used.....	-2	-1	-9	-2	.9	-2	-1.0	.3
Addenda:								
Domestic output of new autos ¹	59.4	63.9	60.2	60.5	65.3	63.6	66.7	71.7
Sales of imported new autos ²	15.3	16.7	15.5	15.7	17.0	16.9	17.3	20.4
Billions of 1972 dollars								
Auto output	55.2	55.3	55.4	54.1	57.0	53.5	56.5	59.8
Final sales	54.0	54.9	53.8	52.4	58.3	54.5	54.2	57.9
Personal consumption expenditures.....	44.4	45.3	44.7	43.4	47.8	44.6	45.3	46.9
New autos.....	36.0	36.5	35.8	35.0	39.3	35.6	36.2	38.6
Net purchases of used autos.....	8.5	8.7	9.0	8.4	8.4	9.0	9.1	8.4
Producers' durable equipment.....	10.6	11.5	10.6	10.8	11.8	12.0	11.6	12.3
New autos.....	14.8	16.1	14.9	15.1	16.5	16.7	16.0	17.0
Net purchases of used autos.....	-4.2	-4.6	-4.3	-4.3	-4.7	-4.7	-4.5	-4.7
Net exports.....	-1.5	-2.3	-2.0	-2.2	-1.7	-2.4	-3.0	-1.7
Exports.....	5.4	5.4	5.2	5.2	5.8	5.5	5.3	6.3
Imports.....	6.9	7.7	7.2	7.3	7.5	7.9	8.3	8.0
Government purchases of goods and services.....	.5	.4	.4	.4	.4	.4	.4	.3
Change in business inventories of new and used autos	1.2	.4	1.6	1.6	-1.3	-1.1	2.3	1.9
New.....	1.3	.4	2.2	1.8	-1.8	-1.0	2.8	1.7
Used.....	-2	-1	-6	-1	.5	-1	-5	.2
Addenda:								
Domestic output of new autos ¹	46.1	46.2	45.5	44.9	47.5	45.3	47.3	49.5
Sales of imported new autos ²	11.9	12.1	11.8	11.6	12.3	12.0	12.2	14.1

¹ Preliminary.
 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.
 3. Consists of agriculture, forestry, and fisheries; mining; construction; and manufacturing.
 4. Consists of transportation; communication; electric, gas, and sanitary services; and trade.
 5. Consists of finance, insurance, and real estate; services; and rest of the world.
 NOTE.—Table 10: The industry classification of wage and salary disbursements and proprietors' income is on an establishment basis and is based on the 1972 Standard Industrial Classification.

	1977	1978	1978					1979
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 10.—Personal Income and Its Disposition (2.1)

	1977	1978	1978	1978	1978	1978	1978	1979
Personal income	1,529.0	1,708.0	1,593.0	1,628.9	1,682.4	1,731.7	1,789.0	1,834.1
Wage and salary disbursements	983.6	1,100.9	1,021.2	1,050.8	1,090.2	1,113.2	1,149.4	1,184.7
Commodity-producing industries ¹	343.7	390.2	357.1	365.9	387.0	396.4	411.3	426.4
Manufacturing.....	266.3	299.9	277.3	286.9	296.1	302.0	314.4	327.3
Distributive industries ²	239.1	268.9	247.5	257.0	266.4	271.6	280.4	290.4
Service industries ³	200.1	225.8	208.5	216.5	222.8	228.5	235.4	242.6
Government and government enterprises.....	200.8	216.1	208.1	211.4	213.9	216.7	222.3	225.3
Other labor income	90.4	105.9	96.1	100.0	104.0	107.9	111.8	115.9
Proprietors' income with inventory valuation and capital consumption adjustments	99.8	113.2	107.3	105.0	110.1	114.5	123.0	123.7
Farm.....	20.2	25.3	25.1	21.9	24.0	25.0	30.4	30.6
Nonfarm.....	79.5	87.8	82.3	83.1	86.1	89.6	92.6	93.1
Rental income of persons with capital consumption adjustment	22.5	23.4	22.7	22.8	22.2	24.3	24.4	24.7
Dividends	43.7	49.3	46.3	47.0	48.1	50.1	51.9	54.0
Personal interest income	141.2	159.0	146.0	151.4	156.3	161.7	166.6	171.8
Transfer payments	208.8	226.0	215.9	219.2	220.6	230.4	233.9	238.1
Old-age, survivors, disability, and health insurance benefits.....	105.0	117.4	110.1	112.1	113.7	121.1	122.7	124.5
Government unemployment insurance benefits.....	12.5	8.9	11.5	10.4	8.5	8.7	8.1	8.2
Veterans benefits.....	13.8	13.6	13.7	13.8	13.5	13.3	13.7	14.2
Government employees retirement benefits.....	28.8	32.8	30.5	31.3	32.5	33.2	34.4	34.9
Aid to families with dependent children.....	10.6	10.8	10.7	10.7	10.8	10.9	10.8	10.8
Other.....	38.1	42.5	39.4	40.9	41.6	43.3	44.2	45.6
Less: Personal contributions for social insurance	61.0	69.7	62.6	67.2	69.2	70.5	72.1	78.8
Less: Personal tax and nontax payments	226.0	256.2	233.3	237.3	249.1	263.2	275.1	270.6
Equals: Disposable personal income	1,303.0	1,451.8	1,359.6	1,391.6	1,433.3	1,468.4	1,513.9	1,563.5
Less: Personal outlays	1,236.1	1,374.9	1,285.9	1,309.2	1,357.0	1,392.5	1,440.9	1,482.6
Personal consumption expenditures.....	1,206.5	1,340.1	1,255.2	1,276.7	1,322.9	1,356.9	1,403.9	1,444.7
Interest paid by consumers to business.....	28.6	33.8	29.8	31.5	33.0	34.6	36.0	36.8
Personal transfer payments to foreigners (net).....	1.0	1.0	.9	1.0	1.1	.9	.9	1.0
Equals: Personal saving	66.9	76.9	73.7	82.4	76.3	76.0	73.0	80.9
Addenda:								
Disposable personal income: Total, billions of 1972 dollars.....	926.3	966.1	949.6	952.1	960.3	968.7	983.2	991.0
Per capita: Current dollars.....	6,009	6,643	6,250	6,387	6,566	6,712	6,906	7,118
1972 dollars.....	4,271	4,421	4,365	4,370	4,399	4,428	4,485	4,512
Population (millions).....	216.9	218.5	217.5	217.9	218.3	218.8	219.2	219.6
Personal saving as percentage of disposable personal income.....	5.1	5.3	5.4	5.9	5.3	5.2	4.8	5.2

	1977	1978	1977					1978					1979				
			IV	I	II	III	IV	I ^p	IV	I	II	III		IV	I ^p		
																Seasonally adjusted at annual rates	
Billions of current dollars													Billions of 1972 dollars				

Table 11.—Personal Consumption Expenditures by Major Type of Product in Current and Constant Dollars (2.3, 2.4)

	1,206.5	1,340.1	1,255.2	1,276.7	1,322.9	1,356.9	1,403.9	1,444.7	857.7	891.7	876.6	873.5	886.3	895.1	911.8	915.7
Personal consumption expenditures																
Durable goods	178.4	197.5	187.2	183.5	197.8	199.5	209.1	213.4	137.8	144.6	143.0	137.8	145.8	144.8	150.1	150.1
Motor vehicles and parts.....	81.5	89.7	84.0	84.1	92.5	89.8	92.6	96.4	60.0	61.7	60.9	59.5	64.2	60.8	62.2	63.2
Furniture and household equipment.....	71.3	77.7	75.3	72.1	76.5	78.9	83.2	83.6	57.6	60.4	60.3	57.4	59.8	61.0	63.3	62.6
Other.....	25.6	30.0	27.9	27.3	28.8	30.7	33.3	33.4	20.2	22.6	21.8	21.0	21.8	23.0	24.6	24.3
Nondurable goods	479.0	526.5	496.9	501.4	519.3	531.7	553.4	569.7	330.4	339.6	338.1	333.3	336.3	340.4	348.5	347.1
Food.....	245.2	269.4	252.6	257.7	267.8	272.0	279.9	290.3	165.1	165.4	167.6	165.6	164.7	164.8	166.4	165.5
Clothing and shoes.....	81.5	89.0	86.7	82.9	87.5	90.5	95.3	94.0	66.6	70.9	70.2	66.8	69.5	71.8	75.2	74.4
Gasoline and oil.....	46.5	51.2	47.5	48.3	49.1	51.5	55.8	59.8	26.6	28.1	26.9	27.1	27.5	28.4	29.4	29.8
Fuel oil and coal.....	13.5	14.9	13.9	15.8	15.2	14.3	14.3	16.3	5.6	5.9	5.7	6.4	6.0	5.6	5.4	5.9
Other.....	92.4	101.9	96.2	96.7	99.7	103.3	108.1	109.3	66.4	69.4	67.8	67.3	68.5	69.8	72.0	71.5
Services	549.2	616.2	571.1	591.8	605.8	625.8	641.4	661.6	389.5	407.4	395.6	402.4	404.2	410.0	413.1	418.5
Housing.....	184.6	207.3	192.0	198.1	204.1	210.1	217.0	222.5	140.3	146.6	142.4	144.2	145.8	147.4	149.2	150.8
Household operation.....	81.6	91.3	84.6	89.6	88.9	92.6	94.1	97.1	55.4	58.2	56.3	58.7	57.0	58.3	58.9	59.9
Electricity and gas.....	38.0	43.0	39.3	43.3	41.5	43.3	44.0	45.8	22.4	23.4	22.5	24.6	22.5	23.0	23.4	24.0
Other.....	43.6	48.3	45.3	46.3	47.4	49.3	50.1	51.3	33.0	34.8	33.8	34.1	34.5	35.2	35.5	35.9
Transportation.....	44.2	52.6	47.3	49.7	52.1	53.7	55.0	56.2	30.8	34.1	31.9	33.0	34.0	34.6	34.8	35.2
Other.....	238.8	264.9	247.3	254.4	260.6	269.3	275.4	285.8	162.9	168.5	164.9	166.5	167.4	169.8	170.3	172.6

	1977	1978	1977					1978					1979		
			IV	I	II	III	IV	I ^p	IV	I	II	III		IV	I ^p
Billions of dollars															

	1977	1978	1977					1978					1979		
			IV	I	II	III	IV	I ^p	IV	I	II	III		IV	I ^p
Billions of dollars															

Table 12.—Federal Government Receipts and Expenditures (3.2)

	374.5	431.4	386.5	396.2	424.7	441.7	463.1
Receipts							
Personal tax and nontax receipts.....	169.4	193.2	174.8	176.8	186.7	199.7	209.7
Income taxes.....	162.1	187.8	169.2	171.3	181.3	194.4	204.1
Estate and gift taxes.....	7.2	5.3	5.5	5.4	5.2	5.2	5.4
Nontaxes.....	.2	.2	.2	.2	.2	.2	.2
Corporate profits tax accruals.....	61.3	71.6	62.9	59.6	72.6	73.6	80.6
Indirect business tax and nontax accruals.....	25.0	27.9	25.6	26.5	27.9	28.2	28.8
Excise taxes.....	17.5	18.5	17.9	17.9	18.4	18.6	18.9
Estate and gift taxes.....	5.4	7.1	5.5	6.3	7.2	7.2	7.4
Nontaxes.....	2.1	2.3	2.2	2.2	2.3	2.3	2.5
Contributions for social insurance.....	118.7	138.7	122.2	133.3	137.6	140.1	144.0
Expenditures	422.6	461.4	444.1	448.8	448.3	464.5	483.8
Purchases of goods and services.....	145.1	153.8	152.2	151.5	147.2	154.0	162.5
National defense.....	94.3	99.5	97.1	97.9	98.6	99.6	102.1
Compensation of employees.....	42.9	45.7	44.9	45.0	45.0	45.3	47.5
Military.....	24.9	26.2	26.0	25.9	25.9	26.0	27.2
Civilian.....	18.0	19.5	18.9	19.1	19.2	19.3	20.3
Other.....	51.4	53.8	52.3	52.9	53.5	54.3	56.1
Nondefense.....	50.8	54.3	55.1	53.6	48.6	54.5	60.4
Compensation of employees.....	23.5	25.4	24.6	24.9	25.0	25.2	26.5
Other.....	27.3	28.8	30.5	28.7	23.6	29.2	33.9
Transfer payments.....	172.7	185.4	178.3	180.2	180.7	188.8	191.9
To persons.....	169.5	181.9	175.0	176.9	177.0	185.5	188.3
To foreigners.....	3.2	3.5	3.4	3.3	3.7	3.4	3.6
Grants-in-aid to State and local governments.....	67.4	76.9	71.1	73.9	75.9	77.5	80.3
Net interest paid.....	29.1	35.5	30.7	33.2	34.6	36.3	38.1
Interest paid.....	35.3	43.1	37.0	40.2	42.3	44.0	45.9
To persons and business.....	29.8	34.4	30.4	32.3	33.7	35.6	36.1
To foreigners.....	5.5	8.7	6.6	7.9	8.5	8.4	9.8
Less: Interest received by Government.....	6.2	7.6	6.3	7.0	7.7	7.7	7.8
Subsidies less current surplus of Government enterprises.....	8.3	9.7	11.8	10.0	10.0	8.0	11.0
Subsidies.....	7.5	8.9	10.3	8.8	8.4	8.2	10.3
Less: Current surplus of Government enterprises.....	-9	-8	-1.4	-1.2	-1.6	.2	-7
Less: Wage accruals less disbursements.....	0	0	0	0	0	.2	0
Surplus or deficit (-), national income and product accounts	-48.1	-29.9	-58.6	-52.6	-23.6	-22.8	-20.8
Social insurance funds.....	-10.1	-1.2	-11.5	-1.7	1.9	-3.5	-1.5
Other funds.....	-38.0	-28.7	-47.1	-50.9	-25.5	-19.3	-19.3

Table 13.—State and Local Government Receipts and Expenditures (3.4)

	296.2	328.1	307.9	315.7	327.4	329.2	340.1
Receipts							
Personal tax and nontax receipts.....	56.6	63.0	58.5	60.5	62.5	63.5	65.3
Income taxes.....	30.9	34.7	32.0	33.3	34.5	34.9	36.0
Nontaxes.....	18.2	20.5	19.0	19.5	20.1	20.8	21.5
Other.....	7.4	7.8	7.5	7.7	7.8	7.8	7.8
Corporate profits tax accruals.....	10.5	12.3	10.9	10.4	12.4	12.5	13.8
Indirect business tax and nontax accruals.....	140.0	150.4	144.6	146.8	151.5	149.5	153.8
Sales taxes.....	63.9	71.4	66.7	67.7	70.6	72.2	75.0
Property taxes.....	62.3	63.6	63.5	64.3	65.8	61.6	62.7
Other.....	13.7	15.4	14.3	14.7	15.1	15.6	16.1
Contributions for social insurance.....	21.7	25.5	22.8	24.1	25.2	26.1	26.7
Federal grants-in-aid.....	67.4	76.9	71.1	73.9	75.9	77.5	80.3
Expenditures	266.6	299.7	278.9	284.2	297.7	305.8	311.3
Purchases of goods and services.....	248.9	280.2	260.3	265.2	277.6	285.8	292.0
Compensation of employees.....	141.5	155.4	146.4	151.1	154.1	157.0	159.4
Other.....	107.4	124.8	113.9	114.1	123.5	128.8	132.7
Transfer payments to persons.....	29.7	33.4	30.9	32.0	33.1	34.1	34.4
Net interest paid.....	-6.5	-7.9	-6.8	-7.1	-7.3	-8.2	-9.1
Interest paid.....	13.2	14.8	14.1	14.4	14.7	15.0	15.3
Less: Interest received by government.....	19.6	22.8	21.0	21.5	22.0	23.1	24.5
Subsidies less current surplus of government enterprises.....	-5.6	-5.9	-5.5	-6.0	-5.7	-5.9	-6.0
Subsidies.....	.2	.3	.3	.3	.3	.3	.4
Less: Current surplus of government enterprises.....	5.8	6.2	5.8	6.2	6.0	6.2	6.3
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0
Surplus or deficit (-), national income and product accounts	29.6	28.3	29.0	31.5	29.8	23.4	28.8
Social insurance funds.....	18.0	21.2	19.1	19.9	20.5	21.6	22.9
Other funds.....	11.5	7.1	9.9	11.5	9.3	1.8	5.9

^p Preliminary.
1. Includes fees for licenses to import petroleum and petroleum products.

	1977	1978	1978					1979
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 14.—Foreign Transactions in the National Income and Product Accounts (4.1)

	1977	1978	1979	1977	1978	1979	1977	1978	1979
Receipts from foreigners	175.5	204.8	172.1	181.7	205.4	210.1	221.9	230.1	
Exports of goods and services	175.5	204.8	172.1	181.7	205.4	210.1	221.9	229.0	
Merchandise	120.6	141.7	117.8	122.7	140.3	147.7	156.3	158.8	
Other	54.9	63.0	54.2	59.0	65.1	62.4	65.6	69.1	
Capital grants received by the United States (net)	0	0	0	0	0	0	0	1.1	
Payments to foreigners	175.5	204.8	172.1	181.7	205.4	210.1	221.9	230.1	
Imports of goods and services	186.6	216.8	195.2	205.8	210.9	220.8	229.5	239.2	
Merchandise	151.6	176.3	158.5	167.5	171.5	179.9	186.2	193.5	
Other	35.0	40.5	36.7	38.3	39.4	40.9	43.3	45.7	
Transfer payments (net)	4.2	4.5	4.3	4.3	4.8	4.3	4.6	4.9	
From persons (net)	1.0	1.0	.9	1.0	1.1	.9	.9	1.0	
From government (net)	3.2	3.5	3.4	3.3	3.7	3.4	3.6	3.9	
Interest paid by government to foreigners	5.5	8.7	6.6	7.9	8.5	8.4	9.8	11.0	
Net foreign investment	-20.9	-25.2	-34.1	-36.3	-18.9	-23.5	-22.1	-25.0	

Table 15.—Gross Saving and Investment (5.1)

	1977	1978	1979	1977	1978	1979	1977	1978	1979
Gross saving	272.2	318.5	274.7	284.2	326.1	326.2	337.6		
Gross private saving	290.8	320.1	304.3	305.4	319.9	325.7	329.6		
Personal saving	66.9	76.9	73.7	82.4	76.3	76.0	73.0	80.9	
Undistributed corporate profits with inventory valuation and capital consumption adjustments	28.7	26.3	28.0	15.6	30.3	29.0	30.3		
Undistributed profits	58.4	68.8	58.1	55.1	72.4	69.2	78.6		
Inventory valuation adjustment	-14.8	-24.4	-14.8	-23.5	-24.9	-20.9	-28.4	-40.3	
Capital consumption adjustment	-14.9	-18.1	-15.3	-16.1	-17.2	-19.3	-19.9	-20.7	
Corporate capital consumption allowances with capital consumption adjustment	120.9	132.5	124.6	127.4	130.5	134.7	137.4	140.3	
Noncorporate capital consumption allowances with capital consumption adjustment	74.3	84.4	77.9	79.9	82.8	86.1	89.0	91.4	
Wage accruals less disbursements	0	0	0	0	0	0	0	0	
Government surplus or deficit (-), national income and product accounts	-18.6	-1.6	-29.6	-21.1	6.2	.6	8.0		
Federal	-48.1	-29.9	-58.6	-52.6	-23.6	-22.8	-20.8		
State and local	29.6	28.3	29.0	31.5	29.8	23.4	28.8		
Capital grants received by the United States (net)	0	0	0	0	0	0	0	1.1	
Gross investment	276.9	320.4	279.5	286.4	326.6	326.6	342.0	346.7	
Gross private domestic investment	297.8	345.6	313.5	322.7	345.4	350.1	364.0	371.6	
Net foreign investment	-20.9	-25.2	-34.1	-36.3	-18.9	-23.5	-22.1	-25.0	
Statistical discrepancy	4.7	1.8	4.8	2.2	.5	.4	4.3		

^p Preliminary.

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories shown in this table is not the current-dollar change in business inventories (CBI) components of GNP. The former is the difference between two inventory stocks, each valued at end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas CBI is stated at annual rates.

2. Quarterly totals at annual rates.

3. Equals ratio of nonfarm inventories to final sales of business. These sales include a small amount of final sales by farms.

NOTE.—Table 16: Inventories are classified as durable or nondurable as follows: For manufacturing, by the type of product produced by the establishment holding the inventory; for trade, by the type of product sold by the establishment holding the inventory; for construction, durable; and for other nonfarm industries, nondurable. The industry classification is based on the 1972 Standard Industrial Classification.

Table 17: The industry classification of compensation of employees, proprietors' income, and rental income is on an establishment basis; the industry classification of corporate profits and net interest is on a company basis. The industry classification of these items is based on the 1972 Standard Industrial Classification.

	1977	1978	1978					1979
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 16.—Inventories and Final Sales of Business in Current and Constant Dollars (5.9, 5.10)

	1977	1978	1979	1977	1978	1979	1977	1978	1979
Inventories¹	498.6	520.7	536.5	548.5	574.5	603.3			
Farm	60.3	66.3	68.0	68.1	73.8	78.9			
Nonfarm	438.3	454.4	468.5	480.4	500.7	524.5			
Durable goods	251.8	263.2	271.2	280.3	291.9	307.3			
Nondurable goods	186.5	191.1	197.3	200.1	208.7	217.2			
Manufacturing	219.2	225.9	232.0	239.0	248.3	262.3			
Durable goods	140.9	146.5	150.7	156.7	162.4	172.4			
Nondurable goods	78.3	79.4	81.2	82.4	85.8	89.9			
Wholesale trade	85.9	90.9	94.2	96.4	101.6	107.3			
Durable goods	56.1	59.6	61.9	64.3	67.5	70.8			
Nondurable goods	29.8	31.4	32.3	32.1	34.1	36.6			
Retail trade	89.9	94.3	97.5	99.0	103.4	105.7			
Durable goods	41.1	42.9	43.9	44.3	46.4	48.0			
Nondurable goods	48.8	51.3	53.6	54.8	57.0	57.7			
Other	43.3	43.3	44.8	45.9	47.4	49.1			
Final sales²	1,647.3	1,667.3	1,751.7	1,803.9	1,873.9	1,912.1			
Ratio of inventories to final sales	.303	.312	.306	.304	.307	.316			
Nonfarm ³	.266	.273	.267	.266	.267	.274			

Billions of 1972 dollars

	1977	1978	1979	1977	1978	1979
Inventories¹	307.6	310.7	313.9	316.1	318.1	321.1
Farm	40.6	40.5	40.2	40.1	40.1	39.9
Nonfarm	267.0	270.2	273.6	276.0	278.0	281.2
Durable goods	155.4	157.8	159.4	160.9	162.6	165.9
Nondurable goods	111.7	112.4	114.3	115.1	115.4	115.3
Manufacturing	128.8	129.9	131.5	132.9	133.2	135.4
Durable goods	83.9	84.9	86.1	87.2	87.6	89.8
Nondurable goods	44.9	45.0	45.4	45.7	45.6	45.6
Wholesale trade	53.7	55.7	56.6	56.8	58.2	59.4
Durable goods	36.0	37.1	37.8	38.5	39.2	40.0
Nondurable goods	17.7	18.6	18.8	18.4	18.9	19.4
Retail trade	60.6	61.1	61.7	62.2	62.6	62.2
Durable goods	27.5	27.6	27.3	27.0	27.6	27.9
Nondurable goods	33.2	33.5	34.4	35.2	35.0	34.2
Other	23.9	23.4	23.9	24.1	24.1	24.2
Final sales²	1,148.4	1,141.1	1,167.3	1,180.3	1,203.9	1,202.3
Ratio of inventories to final sales	.268	.272	.269	.268	.264	.267
Nonfarm ³	.233	.237	.234	.234	.231	.234

Table 17.—National Income Without Capital Consumption Adjustment by Industry (6.4)

	1977	1978	1979	1977	1978	1979
National income without capital consumption adjustment	1,554.8	1,752.8	1,619.3	1,647.2	1,735.2	1,779.8
Domestic income	1,537.5	1,733.4	1,603.4	1,629.0	1,714.1	1,761.1
Agriculture, forestry, and fisheries	44.6	52.3	50.6	47.9	50.7	52.2
Mining and construction	100.4	118.0	104.2	101.6	118.9	123.3
Manufacturing	408.9	464.2	428.7	432.5	461.9	469.4
Nondurable goods	161.7	176.7	166.6	167.6	176.0	178.3
Durable goods	247.2	287.5	262.1	265.0	285.9	291.1
Transportation	58.4	65.9	61.3	61.3	66.5	66.1
Communication	35.0	40.1	36.6	38.6	39.3	41.1
Electric, gas, and sanitary services	29.5	33.5	30.0	33.3	32.7	33.1
Wholesale and retail trade	237.0	263.7	242.9	245.7	260.0	270.5
Wholesale	96.5	106.9	96.8	98.2	105.5	110.4
Retail	140.5	156.8	146.1	147.5	154.5	160.1
Finance, insurance, and real estate	177.9	202.0	185.5	189.9	196.6	207.2
Services	213.1	240.3	222.0	231.0	236.8	243.0
Government and government enterprises	232.7	253.4	241.5	247.2	250.7	254.6
Rest of the world	17.3	19.4	15.9	18.2	21.1	18.8

	1977	1978	1978					1979
			Seasonally adjusted at annual rates					I ^p
			IV	I	II	III	IV	
Billions of dollars								

Table 18.—Corporate Profits by Industry (6.18)

Corporate profits with inventory valuation and capital consumption adjustments.....	144.2	159.5	148.2	132.6	163.4	165.2	176.6	-----
Domestic industries.....	134.6	149.6	140.3	123.2	151.7	156.1	167.5	-----
Financial.....	20.7	24.7	21.6	22.3	23.9	25.5	27.1	-----
Nonfinancial.....	113.9	124.9	118.7	100.9	127.8	130.6	140.4	-----
Rest of the world.....	9.6	9.8	7.9	9.4	11.7	9.1	9.1	-----
Corporate profits with inventory valuation adjustment and without capital consumption adjustment.....	159.1	177.6	163.5	148.7	180.6	184.5	196.4	-----
Domestic industries.....	149.5	167.7	155.6	139.2	168.9	175.4	187.4	-----
Financial.....	20.9	25.1	21.9	22.7	24.3	26.0	27.6	-----
Federal Reserve banks.....	6.2	7.7	6.4	6.9	7.3	8.0	8.7	-----
Other.....	14.6	17.4	15.5	15.7	17.0	18.0	18.8	-----
Nonfinancial.....	128.6	142.6	133.7	116.6	144.6	149.4	159.8	-----
Manufacturing.....	74.7	85.0	80.2	69.8	87.8	87.1	95.2	-----
Nondurable goods.....	39.6	41.8	41.1	37.0	41.7	42.5	46.0	-----
Food and kindred products.....	5.7	5.7	5.7	4.3	5.4	6.6	6.6	-----
Chemicals and allied products.....	8.2	8.6	8.2	8.1	8.3	8.2	9.8	-----
Petroleum and coal products.....	12.8	13.8	13.8	10.4	14.4	14.6	15.8	-----
Other.....	12.9	13.7	13.4	14.3	13.7	13.2	13.8	-----
Durable goods.....	35.1	43.2	39.1	32.8	46.1	44.6	49.2	-----
Primary metal industries.....	1.8	4.2	2.4	1.2	5.1	5.0	5.6	-----
Fabricated metal products.....	4.0	4.3	4.2	3.2	4.3	4.7	5.1	-----
Machinery, except electrical.....	7.1	8.3	8.5	6.4	9.2	7.4	10.1	-----
Electric and electronic equipment.....	3.9	4.9	4.4	4.3	4.8	5.8	4.8	-----
Motor vehicles and equipment.....	9.5	9.6	9.1	7.9	10.8	10.2	9.4	-----
Other.....	8.8	11.9	10.5	9.7	11.9	11.7	14.3	-----
Wholesale and retail trade.....	24.0	22.7	22.1	16.7	22.0	25.8	26.3	-----
Transportation, communication, and electric, gas, and sanitary services.....	16.1	19.5	17.1	17.3	19.3	20.7	20.8	-----
Other.....	13.8	15.4	14.3	12.8	15.4	15.8	17.5	-----
Rest of the world.....	9.6	9.8	7.9	9.4	11.7	9.1	9.1	-----
Corporate profits before deduction of capital consumption allowances with inventory valuation adjustment.....	265.1	291.9	272.8	260.0	294.0	299.9	313.9	-----
Domestic industries.....	255.5	282.1	265.0	250.6	282.2	290.8	304.9	-----
Financial.....	26.0	30.7	27.2	28.1	29.8	31.6	33.3	-----
Federal Reserve banks.....	6.2	7.8	6.4	7.0	7.3	8.0	8.7	-----
Other.....	19.8	23.0	20.8	21.1	22.5	23.6	24.6	-----
Nonfinancial.....	229.5	251.4	237.7	222.5	252.4	259.2	271.5	-----
Manufacturing.....	118.6	132.4	125.5	116.0	134.8	134.9	143.9	-----
Nondurable goods.....	60.9	65.1	63.2	59.6	64.8	66.1	70.1	-----
Food and kindred products.....	9.3	9.6	9.4	8.1	9.2	10.6	10.6	-----
Chemicals and allied products.....	13.5	14.5	13.7	13.7	14.2	14.2	16.0	-----
Petroleum and coal products.....	19.3	20.8	20.5	17.2	21.4	21.7	23.0	-----
Other.....	18.8	20.2	19.5	20.6	20.0	19.6	20.4	-----
Durable goods.....	57.7	67.3	62.4	56.4	70.0	68.8	73.8	-----
Primary metal industries.....	5.8	8.5	6.5	5.4	9.4	9.3	10.1	-----
Fabricated metal products.....	5.9	6.4	6.2	5.3	6.4	6.8	7.2	-----
Machinery, except electrical.....	11.5	13.1	12.9	11.1	14.0	12.3	15.1	-----
Electric and electronic equipment.....	7.3	8.6	8.0	7.9	8.4	9.4	8.5	-----
Motor vehicles and equipment.....	12.9	13.0	12.6	11.3	14.2	13.6	12.8	-----
Other.....	14.3	17.6	16.1	15.4	17.6	17.3	20.0	-----
Wholesale and retail trade.....	36.2	36.4	34.8	29.8	35.5	39.7	40.6	-----
Transportation, communication, and electric, gas, and sanitary services.....	42.9	48.1	44.8	45.3	47.7	49.5	50.1	-----
Other.....	31.8	34.4	32.6	31.4	34.4	35.0	36.9	-----
Rest of the world.....	9.6	9.8	7.9	9.4	11.7	9.1	9.1	-----

	1977	1978	1978					1979
			Seasonally adjusted					I ^p
			IV	I	II	III	IV	
Index numbers, 1972=100								

Table 19.—Implicit Price Deflators for Gross National Product (7.1)

Gross national product.....	141.61	152.09	144.56	147.10	150.96	153.52	156.56	159.85
Personal consumption expenditures.....	140.7	150.3	143.2	146.2	149.3	151.6	154.0	157.8
Durable goods.....	129.5	136.5	130.9	133.1	135.7	137.8	139.3	142.2
Nondurable goods.....	145.0	155.0	147.0	150.4	154.4	156.2	158.8	164.1
Services.....	141.0	151.2	144.4	147.1	149.9	152.6	155.2	158.1
Gross private domestic investment.....	150.6	164.7	155.9	158.2	162.3	167.1	170.8	173.3
Fixed investment.....	146.7	158.7	151.2	153.6	156.7	160.6	163.6	166.3
Nonresidential.....	159.6	174.9	164.5	167.2	171.8	177.3	182.2	185.8
Producers' durable equipment.....	141.0	151.2	145.2	147.6	149.6	152.7	154.8	157.4
Residential.....	159.4	178.8	166.1	168.6	175.7	182.6	188.2	191.0
Nonfarm structures.....	160.0	179.8	166.9	169.5	176.7	183.7	189.3	192.2
Farm structures.....	159.7	179.1	167.5	168.9	176.5	182.8	188.1	191.0
Producers' durable equipment.....	126.2	132.2	127.5	128.8	131.8	133.3	135.2	137.4
Change in business inventories.....	-----	-----	-----	-----	-----	-----	-----	-----
Net exports of goods and services.....	178.7	191.3	179.2	183.3	189.4	192.8	198.7	203.8
Exports.....	210.3	219.7	210.2	213.8	217.2	221.5	226.1	231.3
Imports.....	-----	-----	-----	-----	-----	-----	-----	-----
Government purchases of goods and services.....	146.3	157.8	150.3	153.2	156.2	158.9	162.7	165.9
Federal.....	142.7	153.3	146.9	149.6	151.5	153.4	158.5	161.3
State and local.....	148.5	160.4	152.3	155.2	158.8	162.1	165.1	168.6

Table 20.—Fixed-Weighted Price Indexes for Gross National Product, 1972 Weights (7.2)

Gross national product.....	143.3	154.3	146.5	149.0	152.9	155.8	158.9	162.6
Personal consumption expenditures.....	141.8	151.9	144.5	147.3	150.9	153.4	156.0	160.0
Durable goods.....	130.5	138.1	132.1	134.5	137.2	139.3	141.0	144.2
Nondurable goods.....	146.4	157.1	148.6	151.7	156.4	158.6	161.6	167.1
Services.....	141.5	151.9	145.0	147.5	150.6	153.3	156.0	158.9
Gross private domestic investment.....	152.3	167.2	157.6	160.1	164.9	169.7	173.7	176.8
Fixed investment.....	148.7	161.1	153.0	155.5	159.2	163.0	166.1	169.2
Nonresidential.....	156.3	171.1	160.8	163.3	168.1	173.5	178.3	181.9
Producers' durable equipment.....	144.3	155.4	148.5	151.1	154.0	157.0	159.1	162.0
Residential.....	159.2	178.6	166.1	168.6	175.5	182.3	188.0	190.9
Change in business inventories.....	-----	-----	-----	-----	-----	-----	-----	-----
Net exports of goods and services.....	181.3	198.3	181.7	185.2	190.9	194.6	200.1	204.9
Exports.....	199.0	213.0	203.5	209.5	211.0	215.0	220.3	226.4
Imports.....	-----	-----	-----	-----	-----	-----	-----	-----
Government purchases of goods and services.....	146.8	158.0	151.0	153.4	156.4	158.9	162.9	166.2
Federal.....	144.9	154.7	149.6	151.4	153.1	154.5	159.9	162.8
State and local.....	148.1	160.2	152.0	154.9	158.6	161.9	164.9	168.5
Addenda:								
Final sales.....	143.3	154.2	146.4	148.9	152.8	155.7	158.8	162.4
Gross domestic product.....	142.8	153.8	146.0	148.5	152.5	155.3	158.5	162.1
Business.....	142.9	153.9	145.9	148.3	152.6	155.6	158.6	162.4
Nonfarm.....	142.9	153.2	145.7	147.6	151.4	154.6	157.3	-----

^p Preliminary.
1. Consists of the following industries: Banking; credit agencies other than banks; security; commodity brokers and services; insurance carriers; regulated investment companies; small business investment companies; and real estate investment trusts.

NOTE.—Table 18: The industry classification is on a company basis and is based on the 1972 Standard Industrial Classification.

	1977	1978	1978					1979
			IV	I	II	III	IV	
			Seasonally adjusted					
Index numbers, 1972=100								

Table 21.—Implicit Price Deflators for Gross National Product by Major Type of Product (7.3)

	1977	1978	1978	1978	1978	1978	1978	1979
Gross national product	141.61	152.09	144.56	147.10	150.98	153.52	156.56	159.85
Final sales.....	141.4	152.1	144.4	147.2	150.9	153.5	156.5	159.9
Change in business inventories.....								
Goods	136.8	145.9	138.6	140.9	145.3	147.2	149.8	153.6
Final sales.....	136.3	145.8	138.2	141.0	145.1	147.1	149.6	153.6
Change in business inventories.....								
Durable goods.....	134.5	142.0	136.2	137.9	141.0	143.5	145.2	148.9
Final sales.....	134.3	141.5	136.1	137.3	140.3	143.0	145.0	147.8
Change in business inventories.....								
Nondurable goods.....	138.5	148.7	140.3	143.0	148.5	149.8	153.2	157.2
Final sales.....	137.7	148.8	139.6	143.5	148.5	150.0	153.0	157.8
Change in business inventories.....								
Services	143.1	153.5	146.6	149.4	152.2	154.6	157.7	160.7
Structures	158.1	175.7	164.1	166.7	172.7	178.6	183.9	187.4

Table 22.—Implicit Price Deflators for Gross National Product by Sector (7.5)

	1977	1978	1978	1978	1978	1978	1978	1979
Gross national product	141.61	152.09	144.56	147.10	150.98	153.52	156.56	159.85
Gross domestic product	141.1	151.6	144.1	146.6	150.4	153.0	156.0	159.2
Business.....	140.8	151.2	143.6	146.0	150.1	152.8	155.7	159.0
Nonfarm.....	141.1	151.0	144.0	146.0	149.8	152.7	155.3	
Nonfarm less housing.....	142.6	152.6	145.4	147.5	151.3	154.3	157.0	
Housing.....	128.7	137.6	131.6	133.9	136.3	138.7	141.4	143.2
Farm.....	146.7	177.9	149.4	163.2	184.7	176.6	187.1	200.7
Residual.....								
Households and institutions.....	148.3	160.5	151.1	157.1	159.2	161.0	164.5	168.8
Government.....	141.3	151.4	145.5	147.9	149.9	151.9	155.8	158.4
Federal.....	136.4	145.5	142.5	143.3	143.5	144.0	151.3	152.8
State and local.....	143.8	154.2	146.9	150.2	152.9	155.8	158.0	161.2
Rest of the world								

Table 23.—Implicit Price Deflators for the Relation of Gross National Product, Net National Product, and National Income (7.6)

	1977	1978	1978	1978	1978	1978	1978	1979
Gross national product	141.61	152.09	144.56	147.10	150.98	153.52	156.56	159.85
Less: Capital consumption allowances with capital consumption adjustment.....	151.5	164.4	155.6	158.4	162.2	166.9	170.2	173.1
Equals: Net national product	140.6	150.8	143.4	145.9	149.8	152.1	155.1	158.5
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	130.9	134.1	129.8	132.9	135.1	134.1	134.3	138.1
Residual.....								
Equals: National income	142.3	153.4	145.6	148.1	152.2	154.9	158.3	

† Preliminary.
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.

NOTE.—Table 21: "Final sales" is classified as durable or nondurable by type of product. "Change in business inventories" is classified as follows: For manufacturing, by the type of product produced by the establishment holding the inventory; for trade, by the type of product sold by the establishment holding the inventory; for construction, durable; and for other industries, nondurable.

Tables 22 and 23: The industry classification within the business sector is on an establishment basis and is based on the 1972 Standard Industrial Classification.

	1977	1978	1978					1979
			IV	I	II	III	IV	
			Seasonally adjusted					
Index numbers, 1972=100								

Table 24.—Implicit Price Deflators for Net National Product and National Income by Sector (7.7)

	1977	1978	1978	1978	1978	1978	1978	1979
Net national product	140.6	150.8	143.4	145.9	149.8	152.1	155.1	158.5
Net domestic product	140.0	150.2	142.9	145.3	149.2	151.5	154.5	157.8
Business.....	139.4	149.6	142.1	144.4	148.6	151.1	153.9	157.2
Nonfarm.....	139.9	149.4	142.6	144.6	148.3	151.0	153.6	
Farm.....	143.3	181.7	145.4	163.0	192.6	179.2	192.4	223.9
Residual.....								
Households and institutions.....	148.3	160.5	151.1	157.1	159.2	161.0	164.5	168.8
Government.....	141.3	151.4	145.5	147.9	149.9	151.9	155.8	158.4
Rest of the world								
National income	142.3	153.4	145.6	148.1	152.2	154.9	158.3	
Domestic income	141.6	152.7	145.0	147.4	151.5	154.3	157.6	
Business.....	141.4	152.6	144.6	146.8	151.3	154.3	157.6	
Nonfarm.....	141.7	152.2	144.8	146.7	150.7	154.1	156.9	
Farm.....	129.2	168.0	141.2	150.8	176.1	163.2	182.1	200.0
Households and institutions.....	148.3	160.5	151.1	157.1	159.2	161.0	164.5	168.4
Government.....	141.3	151.4	145.5	147.9	149.9	151.9	155.8	158.4
Rest of the world								

Table 25.—Implicit Price Deflators for Auto Output (7.9)

	1977	1978	1978	1978	1978	1978	1978	1979
Auto output	130.9	140.3	134.3	136.4	139.4	141.8	143.4	146.8
Final sales	131.2	139.9	133.8	135.9	138.6	142.0	142.9	146.8
Personal consumption expenditures.....	139.0	149.7	141.3	145.3	147.7	152.3	153.6	156.9
New autos.....	128.6	138.5	132.2	135.0	137.5	140.3	141.0	144.7
Net purchases of used autos.....								
Producers' durable equipment.....	114.9	127.4	123.0	124.5	126.8	129.5	128.6	131.3
New autos.....	128.6	138.5	132.2	134.9	137.5	140.3	140.9	145.0
Net purchases of used autos.....								
Net exports.....	128.9	137.5	132.2	133.0	135.3	140.5	141.4	145.4
Exports.....	154.2	177.3	163.6	172.4	175.4	180.0	180.8	181.6
Imports.....								
Government purchases of goods and services.....	126.0	139.6	134.3	135.9	137.8	142.0	143.8	148.3
Change in business inventories of new and used autos.....								
Addenda:								
Domestic output of new autos ¹	128.6	138.3	132.2	134.7	137.3	140.4	140.9	144.8
Sales of imported new autos ²	128.6	138.5	132.3	135.0	137.5	140.4	141.0	144.8

Table 26.—Implicit Price Deflators for Personal Consumption Expenditures by Major Type of Product (7.11)

	1977	1978	1978	1978	1978	1978	1978	1979
Personal consumption expenditures	140.7	150.3	143.2	146.2	149.3	151.6	154.0	157.8
Durable goods	129.5	136.5	130.9	133.1	135.7	137.8	139.3	142.2
Motor vehicles and parts.....	135.8	145.5	137.9	141.3	144.0	147.8	148.9	152.5
Furniture and household equipment.....	123.8	128.7	124.7	125.7	128.0	129.5	131.4	133.5
Other.....	126.9	132.9	128.2	130.1	132.1	133.5	135.4	137.5
Nondurable goods	145.0	155.0	147.0	150.4	154.4	156.2	158.8	164.1
Food.....	148.5	162.9	150.7	155.6	162.6	165.1	168.2	175.4
Clothing and shoes.....	122.3	125.7	123.5	124.0	125.9	126.0	126.6	126.3
Gasoline and oil.....	174.4	182.1	176.8	178.2	178.4	181.7	189.7	200.7
Fuel oil and coal.....	239.4	253.8	244.8	247.2	252.1	254.5	262.6	275.5
Other.....	139.0	146.9	142.0	143.7	145.5	148.0	150.1	152.9
Services	141.0	151.2	144.4	147.1	149.9	152.6	155.2	158.1
Housing.....	131.5	141.4	134.8	137.3	140.0	142.6	145.5	147.6
Household operation.....	147.2	156.9	150.1	152.7	156.0	158.9	159.8	161.9
Electricity and gas.....	169.5	184.0	174.1	176.1	184.2	187.9	188.0	190.5
Other.....	132.1	138.7	134.1	135.8	137.6	140.0	141.2	142.8
Transportation.....	143.3	154.3	148.2	150.7	153.3	155.4	157.8	159.7
Other.....	146.6	157.2	150.0	152.8	155.7	158.6	161.7	165.6

State Personal Income

Table 1.—Total and Per Capita Personal Income and Quarterly Total Personal Income, by States and Regions¹

State and region	Total personal income				Per capital personal income ²				Total personal income								Percent change 1977: III-1978: IV
	Millions of dollars			Percent change 1977-78	Dollars			Percent change 1977-78	Millions of dollars, seasonally adjusted at annual rates								
	1976 ^r	1977 ^r	1978 ^p		1976 ^r	1977 ^r	1978 ^p		1977				1978				
				I ^r				II ^r	III ^r	IV ^r	I ^r	II ^r	III ^r	IV ^r			
United States	1,373,153	1,519,893	1,702,860	12.0	6,396	7,026	7,810	11.2	1,461,291	1,499,379	1,535,395	1,583,508	1,624,665	1,677,971	1,726,286	1,782,519	16.1
New England	80,130	87,991	97,642	11.0	6,565	7,188	7,367	10.8	85,184	86,740	88,740	91,299	93,552	96,290	99,068	101,659	14.6
Connecticut.....	22,883	25,036	27,620	10.3	7,312	8,055	8,914	10.7	24,231	24,647	25,252	26,015	26,544	27,166	28,034	28,737	13.8
Maine.....	5,741	6,240	6,912	10.8	5,359	5,751	6,333	10.1	6,062	6,175	6,289	6,433	6,650	6,816	6,983	7,198	14.5
Massachusetts.....	38,377	41,988	46,553	10.9	6,627	7,262	8,063	11.0	40,697	41,453	42,342	43,460	44,554	45,997	47,259	48,400	14.3
New Hampshire.....	4,968	5,582	6,339	13.5	6,001	6,578	7,277	10.6	5,329	5,472	5,632	5,896	6,066	6,239	6,396	6,654	18.1
Rhode Island.....	5,788	6,332	7,035	11.1	6,186	6,775	7,526	11.1	6,147	6,213	6,304	6,571	6,694	6,949	7,171	7,325	14.6
Vermont.....	2,578	2,814	3,185	13.2	5,401	5,822	6,541	12.3	2,718	2,780	2,832	2,924	3,045	3,123	3,226	3,344	18.1
Mideast	292,965	317,849	348,369	9.6	6,874	7,484	8,251	10.2	308,173	313,814	321,157	328,258	334,529	344,200	353,209	361,540	12.6
Delaware.....	4,144	4,492	5,013	11.6	7,122	7,724	8,604	11.4	4,274	4,473	4,559	4,662	4,762	5,002	5,085	5,203	14.1
District of Columbia.....	5,651	6,200	6,750	8.9	8,071	8,984	10,022	11.6	6,008	6,107	6,209	6,475	6,567	6,650	6,765	7,018	13.0
Maryland.....	28,853	31,327	34,409	9.8	6,994	7,569	8,306	9.7	30,218	31,004	31,579	32,510	33,107	33,854	34,791	35,884	13.6
New Jersey.....	53,639	58,561	64,613	10.3	7,298	7,969	8,818	10.7	56,773	57,882	59,209	60,382	61,884	63,864	65,739	66,965	13.1
New York.....	125,089	134,762	146,719	8.9	6,929	7,519	8,267	9.9	131,414	132,766	136,010	138,860	141,623	144,842	148,533	151,879	11.7
Pennsylvania.....	75,529	82,508	90,866	10.1	6,399	7,001	7,733	10.5	79,488	81,583	83,590	85,369	86,587	89,988	92,296	94,591	13.2
Great Lakes	273,305	303,531	336,765	10.9	6,679	7,393	8,167	10.5	290,855	301,050	307,878	314,344	322,275	333,375	339,979	351,430	14.1
Illinois.....	81,824	89,404	98,315	10.0	7,310	7,951	8,745	10.0	86,376	88,923	90,941	92,277	94,325	97,371	99,795	101,770	13.0
Indiana.....	33,237	36,894	41,361	12.1	6,256	6,922	7,696	11.2	35,318	36,704	37,360	38,194	39,202	40,871	41,871	43,498	16.4
Michigan.....	61,653	69,438	77,571	11.7	6,766	7,606	8,418	11.0	66,657	68,801	70,660	71,635	74,682	76,589	77,618	81,397	15.2
Ohio.....	68,365	75,871	83,973	10.7	6,395	7,090	7,812	10.2	72,135	75,020	77,379	78,950	79,841	83,157	85,033	87,860	13.5
Wisconsin.....	28,227	31,925	35,545	11.3	6,123	6,864	7,597	10.7	30,369	31,603	32,438	33,288	34,225	35,388	36,610	36,905	13.8
Plains	102,165	115,076	129,879	12.9	6,082	6,816	7,632	12.0	109,325	113,114	115,749	122,115	124,600	128,119	130,256	136,541	18.0
Iowa.....	17,545	19,829	22,798	15.0	6,105	6,887	7,873	14.3	18,870	19,681	19,906	20,858	22,043	22,539	22,928	23,683	19.0
Kansas.....	14,866	16,613	18,785	13.1	6,475	7,141	8,001	12.0	15,778	16,183	16,641	17,448	17,757	18,485	18,857	20,040	20.4
Minnesota.....	24,625	28,293	31,453	11.2	6,227	7,118	7,847	12.0	26,954	28,004	28,361	29,850	30,470	30,972	31,497	32,872	15.9
Missouri.....	28,546	31,977	35,682	11.6	5,963	6,661	7,342	10.2	30,398	31,467	32,427	33,618	34,091	35,290	35,978	37,367	15.2
Nebraska.....	9,394	10,426	11,570	11.0	6,052	6,679	7,391	10.7	9,985	10,230	10,461	11,026	11,048	11,536	11,491	12,203	16.7
North Dakota.....	3,712	3,837	4,875	27.1	5,558	5,872	7,478	27.4	3,588	3,654	3,783	4,323	4,644	4,612	4,888	5,358	41.6
South Dakota.....	3,457	4,102	4,717	15.0	5,043	5,953	6,841	14.9	3,752	3,894	4,170	4,591	4,547	4,686	4,617	5,019	20.4
Southeast	266,639	295,549	333,296	12.8	5,531	6,057	6,756	11.5	283,546	291,419	298,941	308,287	316,608	328,995	338,821	348,759	16.7
Alabama.....	18,732	20,875	23,375	12.5	5,128	5,633	6,247	10.9	19,889	20,533	21,021	21,697	22,128	23,079	23,877	24,418	16.2
Arkansas.....	10,477	11,839	13,516	14.2	4,949	5,522	6,183	12.0	11,339	11,611	12,038	12,369	12,732	13,198	13,888	14,246	18.3
Florida.....	50,960	56,603	64,495	13.9	6,101	6,697	7,505	12.1	54,338	55,454	57,442	59,181	61,708	63,084	65,739	67,448	17.4
Georgia.....	27,462	30,298	34,062	12.4	5,511	6,002	6,700	11.6	29,024	29,784	30,652	31,734	32,889	33,650	34,396	35,323	15.2
Kentucky.....	18,578	20,713	23,140	11.7	5,407	5,989	6,615	10.5	19,814	20,596	20,969	21,573	21,364	23,083	23,695	24,418	17.0
Louisiana.....	20,719	23,176	26,333	13.6	5,347	5,910	6,640	12.4	22,286	22,930	23,319	24,168	25,060	26,099	26,601	27,574	18.2
Mississippi.....	10,735	12,011	13,786	14.8	4,538	5,027	5,736	14.1	11,516	11,940	12,116	12,570	12,916	13,639	14,322	14,265	17.7
North Carolina.....	29,862	32,687	36,850	12.7	5,467	5,916	6,607	11.7	31,632	32,320	32,958	33,837	35,527	36,336	37,213	38,322	16.3
South Carolina.....	14,766	16,216	18,213	12.3	5,191	5,639	6,489	10.7	15,576	16,022	16,343	16,924	17,489	17,920	18,987	19,641	16.2
Tennessee.....	22,410	24,940	28,274	13.4	5,293	5,801	6,489	11.9	23,870	24,599	25,197	26,095	26,742	28,051	28,664	29,641	17.6
Virginia.....	31,904	35,126	39,247	11.7	6,315	6,841	7,624	11.4	33,649	34,625	35,660	36,569	37,204	38,831	39,664	41,288	15.8
West Virginia.....	10,033	11,153	12,005	7.6	5,476	5,998	6,456	7.6	10,614	11,103	11,326	11,570	10,849	12,023	12,318	12,829	13.3
Southwest	112,911	127,139	145,425	14.4	6,009	6,647	7,473	12.4	121,381	124,970	128,516	133,688	136,989	143,129	148,128	153,454	19.4
Arizona.....	13,339	14,969	17,357	16.0	5,931	6,520	7,374	13.1	14,342	14,773	15,078	15,680	16,336	16,940	17,731	18,420	22.2
New Mexico.....	6,195	6,957	7,885	13.3	5,285	5,846	6,505	11.3	6,676	6,852	7,032	7,271	7,494	7,744	8,013	8,289	17.9
Oklahoma.....	15,789	17,621	20,021	13.6	5,700	6,269	6,951	10.9	16,824	17,250	17,825	18,584	18,707	19,731	20,448	21,196	18.9
Texas.....	77,588	87,593	100,162	14.3	6,158	6,827	7,697	12.7	83,540	86,066	88,581	92,152	94,452	98,713	101,935	105,549	19.2
Rocky Mountain	35,096	39,137	45,387	16.0	6,066	6,620	7,485	13.1	37,331	38,390	39,378	41,447	42,791	44,640	46,126	47,991	21.9
Colorado.....	16,799	18,767	21,366	13.8	6,523	7,166	8,001	11.7	17,883	18,400	18,908	19,878	20,389	21,070	21,694	22,310	18.0
Idaho.....	4,713	5,143	5,979	16.3	5,659	5,998	6,813	13.6	4,936	5,038	5,146	5,452	5,630	5,848	6,053	6,385	24.1
Montana.....	4,266	4,637	5,532	19.3	5,648	6,093	7,051	15.7	4,417	4,656	4,820	4,955	5,137	5,327	5,592	6,071	30.4
Utah.....	6,676	7,535	8,658	14.9	5,419	5,943	6,622	11.4	7,220	7,420	7,576	7,923	8,168	8,492	8,814	9,157	20.9
Wyoming.....	2,643	3,055	3,853	26.1	6,766	7,517	9,096	21.0	2,875	3,122	3,093	3,239	3,467	3,904	3,972	4,067	31.5
Far West	199,499	222,549	254,313	14.3	7,107	7,791	8,718	11.9	214,571	218,895	223,992	232,739	241,711	247,658	258,910	268,974	20.1
California.....	155,369	173,171	197,309	13.9	7,219	7,909	8,850	11.9	166,941	170,552	174,335	180,855	187,243	191,988	201,188	208,818	19.8
Nevada.....	4																

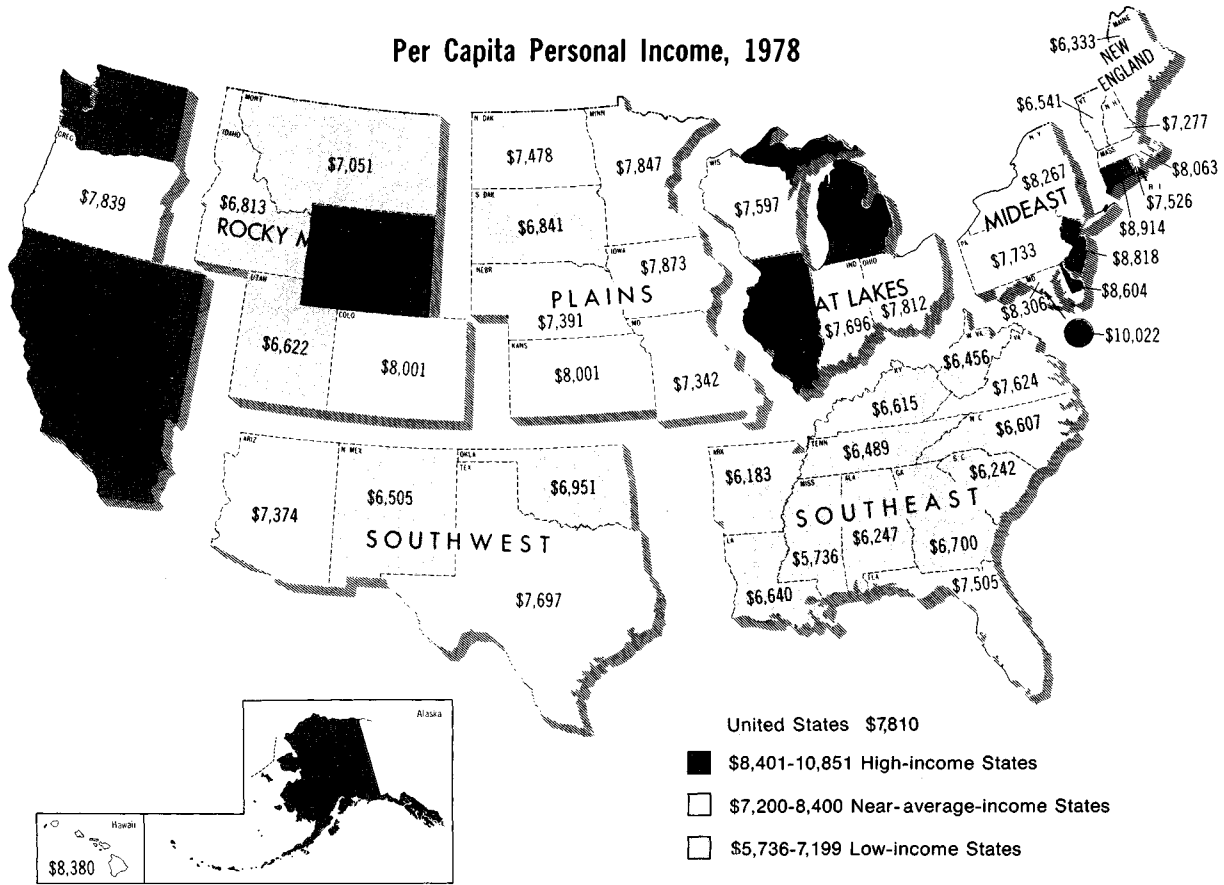
Table 2.—Percent Change in Selected Shares of Personal Income 1977-78

State and region	Total personal income	Labor and proprietors' income of persons engaged in production ¹											Government		
		Total	Farm	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation, communication and public utilities	Services	Other	Federal civilian	Federal military	State and local	
United States	12.0	12.9	33.0	19.1	17.7	13.1	12.9	14.6	12.4	12.5	13.6	8.1	5.2	8.0	
New England	11.0	12.0	-11.1	8.5	13.2	13.5	12.5	13.0	9.8	12.0	11.3	7.1	13.4	9.8	
Connecticut.....	10.3	11.5	-14.1	4.0	18.1	11.6	14.0	14.5	12.3	10.3	10.4	6.2	16.7	5.5	
Maine.....	10.8	11.5	-28.8	-30.7	7.9	15.0	14.9	13.2	6.9	12.3	7.1	11.3	16.2	9.2	
Massachusetts.....	10.9	11.8	8.8	8.2	7.2	13.8	10.7	11.5	8.6	13.0	12.9	6.2	12.2	11.8	
New Hampshire.....	13.5	14.9	-27.5	23.0	25.1	16.0	17.2	12.2	12.6	10.3	10.4	10.7	5.3	12.8	
Rhode Island.....	11.1	11.6	-7.3	70.6	15.5	13.0	10.9	13.4	9.2	10.8	12.0	4.9	13.7	10.7	
Vermont.....	13.2	15.4	1.1	21.1	27.4	22.5	15.8	14.5	11.9	13.4	13.2	9.1	3.4	4.5	
Mideast	9.6	10.0	41.5	2.2	14.0	10.7	10.5	10.5	10.0	9.4	13.0	7.5	4.4	7.3	
Delaware.....	11.6	12.8	68.9	-15.8	21.7	9.7	(D)	9.4	7.8	16.2	(D)	9.5	6.9	8.9	
District of Columbia.....	8.9	8.1	0	17.4	2.4	7.5	(D)	12.1	8.1	8.4	(D)	8.3	9.6	7.1	
Maryland.....	9.8	10.3	70.2	16.1	14.1	11.5	8.1	11.0	11.6	11.0	10.6	5.5	1.9	10.1	
New Jersey.....	10.3	11.3	6.9	12.3	21.5	10.4	11.5	12.3	14.0	12.1	12.8	7.6	-5.2	7.5	
New York.....	8.9	9.0	37.8	7.0	12.0	10.1	10.1	9.4	8.5	7.6	12.5	7.8	11.8	6.9	
Pennsylvania.....	10.1	10.7	38.8	.5	12.3	11.3	11.5	12.6	9.9	10.8	13.6	7.7	2.7	6.6	
Great Lakes	10.9	11.6	11.1	10.6	18.6	12.1	11.0	13.8	11.4	11.3	13.0	8.6	-1	8.2	
Illinois.....	10.0	10.3	10.2	1.1	15.1	9.6	9.6	13.0	10.5	11.3	12.9	9.4	-6	9.7	
Indiana.....	12.1	12.7	17.5	16.1	18.3	12.6	12.8	16.4	10.9	11.8	10.8	9.3	1.4	10.1	
Michigan.....	11.7	13.0	14.7	20.4	25.8	13.5	13.1	14.1	14.7	11.0	12.7	7.9	-5.8	7.3	
Ohio.....	10.7	11.2	7.0	15.2	17.0	12.2	10.6	14.6	11.3	10.4	12.8	7.4	3.8	6.4	
Wisconsin.....	11.3	11.8	9.4	11.4	19.5	12.8	10.2	11.4	8.6	13.6	15.2	9.9	3.6	7.7	
Plains	12.9	14.0	37.6	27.7	20.0	14.0	12.7	15.1	11.5	11.6	10.9	8.5	1.8	5.1	
Iowa.....	15.0	16.7	60.1	29.1	17.0	11.9	14.4	14.9	11.1	13.3	3.7	15.3	5.3	7.9	
Kansas.....	13.1	14.5	37.3	22.1	16.6	17.4	13.3	14.3	13.7	12.2	10.7	8.4	3.2	5.1	
Minnesota.....	11.2	12.1	-8.9	49.9	27.1	15.4	14.0	15.5	9.6	11.6	15.3	10.5	6.8	6.5	
Missouri.....	11.6	12.2	50.9	1.4	19.3	12.7	11.8	15.0	11.6	10.1	13.4	6.3	-11.5	2.5	
Nebraska.....	11.0	11.4	23.9	11.0	11.5	13.6	9.3	14.6	11.5	12.1	7.3	9.9	8.6	2.2	
North Dakota.....	27.1	33.5	326.1	46.8	28.4	14.4	10.9	16.9	14.9	11.6	15.0	5.0	5.2	8.2	
South Dakota.....	15.0	17.2	40.4	17.1	19.5	16.4	12.1	16.2	12.9	13.7	6.6	5.2	13.9	2.9	
Southeast	12.8	13.7	45.7	15.0	16.3	13.6	13.4	15.0	12.1	13.4	13.1	9.1	6.0	10.2	
Alabama.....	12.5	13.5	30.8	14.0	11.6	14.4	11.3	12.1	18.8	15.4	9.6	8.5	1.0	12.5	
Arkansas.....	14.2	15.8	42.7	14.0	10.6	15.2	15.0	12.8	14.8	13.3	13.5	8.7	6.7	9.4	
Florida.....	13.9	15.2	52.3	20.9	22.3	18.8	13.7	19.2	9.4	13.8	16.4	8.6	8.1	10.7	
Georgia.....	12.4	13.1	109.5	12.7	14.0	13.6	11.6	12.7	11.5	11.2	10.6	6.0	4.9	9.5	
Kentucky.....	11.7	12.4	-10.9	16.8	26.2	12.6	16.0	13.6	11.7	11.7	11.6	7.3	-2.9	11.4	
Louisiana.....	13.6	15.1	36.8	21.8	19.4	13.8	14.5	15.5	16.0	16.1	9.4	7.6	19.2	4.9	
Mississippi.....	14.8	16.4	47.6	27.6	19.3	13.2	15.4	16.5	13.0	13.6	8.7	12.0	6.0	13.3	
North Carolina.....	12.7	13.7	42.4	15.7	12.7	12.9	13.5	12.1	13.2	12.6	11.8	7.5	17.6	9.1	
South Carolina.....	12.3	13.0	68.0	13.1	13.8	12.6	14.0	16.1	18.2	13.9	15.0	10.3	-2.8	8.8	
Tennessee.....	13.4	14.6	73.7	27.5	18.9	12.9	12.8	13.2	14.9	14.8	12.2	18.0	1.3	9.6	
Virginia.....	11.7	12.5	68.1	14.6	14.6	12.6	13.5	14.9	6.9	15.0	10.9	8.0	3.7	13.1	
West Virginia.....	7.6	6.0	5.5	4.8	-5.9	8.5	9.6	11.7	3.6	1.5	13.9	8.5	3.9	10.2	
Southwest	14.4	15.9	14.1	25.0	24.3	16.3	16.4	18.5	16.0	15.1	15.5	7.1	5.0	9.7	
Arizona.....	16.0	18.0	28.2	-4	47.9	18.6	19.0	22.0	17.6	14.9	17.5	9.3	13.4	9.2	
New Mexico.....	13.3	14.5	8.7	19.3	22.1	15.1	15.4	20.6	15.8	14.5	13.8	7.6	9.2	10.3	
Oklahoma.....	13.6	15.5	31.9	24.1	22.6	15.4	17.6	16.1	14.6	14.5	12.4	7.1	-6	8.7	
Texas.....	14.3	15.7	8.4	29.1	21.0	16.2	15.9	18.2	16.0	15.2	15.5	6.6	4.2	10.0	
Rocky Mountain	16.0	17.9	108.6	28.4	21.6	17.1	15.6	19.3	16.9	15.0	14.7	8.9	-1.2	9.0	
Colorado.....	13.8	15.3	26.0	27.6	25.9	17.8	13.9	18.2	18.0	14.7	16.0	10.0	-5.9	8.0	
Idaho.....	16.3	18.0	70.6	40.2	17.3	14.4	15.8	23.2	16.5	14.1	14.6	11.8	14.2	7.6	
Montana.....	19.3	22.8	231.2	34.2	21.6	11.5	14.2	17.5	13.5	14.8	12.6	5.8	2.5	5.8	
Utah.....	14.9	16.4	51.2	17.5	15.5	20.2	18.0	19.3	17.2	14.3	14.2	7.4	7.4	13.2	
Wyoming.....	26.1	30.7	501.8	32.6	22.5	14.7	23.1	24.1	16.3	23.4	11.3	7.9	3.7	12.5	
Far West	14.3	15.5	34.2	18.2	22.4	16.4	15.8	19.7	16.0	16.8	15.4	7.9	6.3	6.0	
California.....	13.9	14.8	27.6	17.0	19.4	15.8	15.6	19.2	16.0	16.8	15.3	7.1	6.7	5.4	
Nevada.....	17.9	20.5	64.8	11.7	47.0	26.8	21.5	22.8	16.9	17.3	17.8	12.5	5.3	11.1	
Oregon.....	15.0	16.9	60.3	40.1	26.5	17.4	16.4	21.4	14.3	14.2	12.7	10.2	13.4	8.3	
Washington.....	15.3	18.0	58.9	35.6	28.4	19.1	16.0	22.3	17.3	17.5	17.0	9.9	3.6	7.9	
Alaska.....	2.2	-4.8	12.7	41.7	-42.8	9.0	4.9	14.5	7.7	-9.1	6.4	6.3	5.2	8.6	
Hawaii.....	9.1	8.9	-7.7	8.9	13.3	8.7	9.7	19.0	12.4	4.9	16.2	7.3	10.1	7.9	
By census regions															
Addenda:															
New England.....	11.0	12.0	-11.1	8.5	13.2	13.5	12.5	13.0	9.8	12.0	11.3	7.1	13.4	9.8	
Middle Atlantic.....	9.6	10.0	34.8	2.0	14.1	10.6	10.8	10.4	10.0	9.2	12.9	7.7	4.0	6.9	
East North Central.....	10.9	11.6	11.1	10.6	18.6	12.1	11.0	13.8	11.4	11.3	13.0	8.6	-1	8.2	
West North Central.....	12.9	14.0	37.6	27.7	20.0	14.0	12.7	15.1	11.5	11.6	10.9	8.5	1.8	5.1	
South Atlantic.....	12.0	12.5	59.9	8.3	14.6	13.2	12.2	14.7	10.2	12.2	14.1	7.6	6.3	10.2	
East South Central.....	12.9	14.0	29.8	18.3	18.7	13.3	13.6	13.4	14.8	14.0	10.5	11.9	.5	11.4	
West South Central.....	14.1	15.6	23.5	26.3	20.1	13.7	15.8	17.2	15.7	15.2	14.0	6.9	5.4	8.9	
Mountain.....	15.8	17.8	75.5	21.3	29.4	17.7	16.7	20.3	16.9	15.4	15.6	8.9	4.0	9.3	
Pacific.....	13.8	14.7	32.4	22.4	15.7	16.3	15.3	19.6	15.6	15.9	15.0	7.7	6.7	6.0	

^D Deleted to avoid disclosure of confidential information.

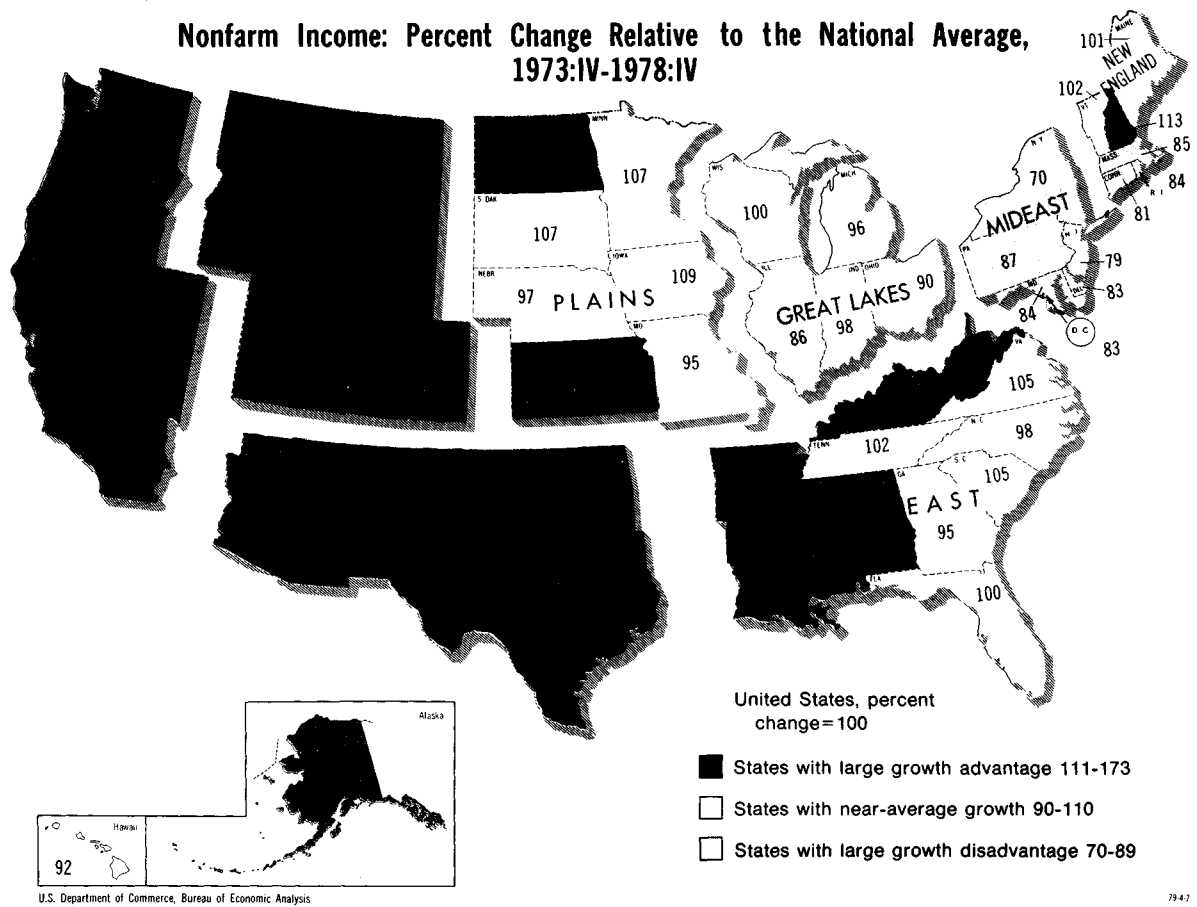
1. Consists of wage and salary disbursements, other labor income, and proprietors' income.

Per Capita Personal Income, 1978



79.4.6

Nonfarm Income: Percent Change Relative to the National Average, 1973:IV-1978:IV



79.4.7

State Differences in Nonfarm Personal Income Growth in the Current Business Cycle

THE pattern of State differences in nonfarm personal income growth in the current business cycle is a continuation of a trend: Most of the States with a large growth advantage (that is, an increase in nonfarm personal income that exceeded the national average by more than 10 percent) in the current business cycle grew at above-national-average rates since 1950, and most of the States with a large growth disadvantage (that is, an increase in nonfarm personal income that fell short of the national average by more than 10 percent) in the current business cycle grew at below-national-average rates since 1950.¹ The timespan under review extends from the fourth quarter of 1973—the national cyclical peak—to the fourth quarter of 1978—the most recent quarter for which State income estimates are available. It may be divided into a recession phase, dating to the national cyclical trough in the first quarter of 1975, and an expansion phase, dating from that trough. From the recession to the expansion, State differences in rates of nonfarm income growth narrowed, as they have in every national business cycle since 1950.² In the current business cycle, however, the narrowing was less than had occurred in previous business cycles, mainly because of an increase in the growth disadvantage in most of the Mideast States.

Chart 8 highlights the pattern of State differences in rates of nonfarm income growth in the current business cycle.³ From the fourth quarter of 1973

to the fourth quarter of 1978, New Hampshire and 22 southern and western States—including all of the States in the Southwest, Rocky Mountain, and Far West BEA regions and one-half of the States in the Southeast region—had a large growth advantage. Conversely, the District of Columbia and nine northern States—including all of the States in the Mideast region—had a large growth disadvantage.

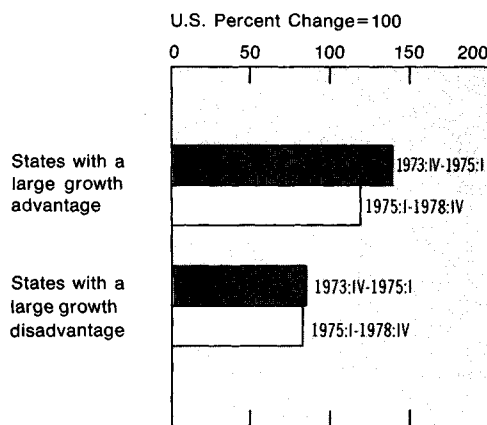
All but three of the States with a large growth advantage over the whole timespan had a growth advantage in both phases of the current business cycle, and each of the States with a large growth disadvantage over the whole timespan had a growth disadvantage in both phases. However, as noted above, from the recession to the expansion, State differences in rates of growth narrowed: On average, in the States with a large growth advantage, the advantage declined substantially—from 39 to 19 percent—and in the States with a large growth disadvantage, the

disadvantage increased only slightly—from 15 to 17 percent (chart 7). The amount by which the percent change in nonfarm income in the States with a large growth advantage exceeded that of the States with a large growth disadvantage declined from 63 to 43 percent.

States with a large growth advantage.—In 16 of the 23 States with a large growth advantage over the whole timespan, the growth advantage declined from the recession to the expansion (table 1). Nonfarm income was strong in these States in the recession, mainly because recession-sensitive industries, such as durables manufacturing and textiles, accounted for relatively small shares of total nonfarm income in these States. Relative to the national average, the increase in both manufacturing and construction payrolls was smaller in the expansion than in the recession in each of the 16 States except Kentucky and Arkansas. In addition, relative to the national average, the increase in private service-type payrolls was smaller in the expansion in most of the States. This industrial pattern was partly offset by an increase relative to the national average in mining payrolls that was larger in the expansion in most of the 16 States.

In the seven remaining States—Wyoming, Nevada, Oregon, Arizona, Colorado, New Hampshire, and Mississippi—the growth advantage increased from the recession to the expansion. The increase was especially large in New Hampshire, Nevada, and Arizona, where the recreation industry recovered from especially low levels in the recession. Relative to the national average, the increases in mining, private service-type, and State and local government payrolls were larger in the expansion

CHART 8
Percent Change in Nonfarm Income in Recession and Expansion



U.S. Department of Commerce, Bureau of Economic Analysis 79-48

1. See "Regional Differences in Personal Income Growth, 1929-77," SURVEY OF CURRENT BUSINESS, October 1978.
2. See "Sensitivity of State and Regional Income to National Business Cycles," SURVEY, April 1973.
3. The focus on nonfarm personal income avoids the distorting effects on the State income growth pattern of changes in farm income, which in 1978:IV was still well below the unusually high 1973:IV level.

than in the recession in most of the seven States. Construction payrolls declined in the recession, and they increased at rates above the national average in the expansion in Nevada, Arizona, Colorado, and New Hampshire.

States with a large growth disadvantage.—In the nine States (and the District of Columbia) with a large growth disadvantage over the whole timespan, the patterns of change from the recession to the expansion were less uniform. In five of the States—Illinois and the Mideast States of New York, New Jersey, Maryland, and Pennsylvania—the growth disadvantage increased from the recession to the expansion. The in-

crease was especially large in New York and Pennsylvania. In the expansion, each major industry shown in table 1 except Federal Government increased at least 35 percent less rapidly than nationally in New York, and each major industry increased at least 12 percent less rapidly than nationally in Pennsylvania. Reflecting increases relative to the national average that were smaller in the expansion than in the recession, private service-type payrolls contributed to the increase in the growth disadvantage in each of the five States except New Jersey. Manufacturing payrolls contributed to the increase in the growth disadvantage in most of the States.

In the four remaining States—Delaware and the New England States of Connecticut, Rhode Island, and Massachusetts—and in the District of Columbia, the growth disadvantage declined from the recession to the expansion. Reflecting increases relative to the national average that were larger in the expansion than in the recession, construction payrolls contributed to the reduction in the growth disadvantage in each of the States, and State and local government payrolls contributed in each of the States except Rhode Island. In the District of Columbia, both State and local government and Federal Government payrolls contributed.

Table 1.—Percent Change in Nonfarm Income and Selected Components in Recession (1973:IV–1975:I) and Expansion (1975:I–1978:IV)

Rank ¹		Nonfarm income			Wage and salary disbursements (payrolls)												Nonfarm income: Index, U.S. percent change=100	
					Manufacturing		Construction		Mining		Private service-type ind.*		State & local gov't		Federal Gov't		1973: IV-1978:IV	1975: I-1978:IV
		1973: IV-1978:IV	1973: IV-1975:I	1975: I-1978:IV	1973: IV-1975:I	1975: I-1978:IV	1973: IV-1975:I	1975: I-1978:IV	1973: IV-1975:I	1975: I-1978:IV	1973: IV-1975:I	1975: I-1978:IV	1973: IV-1975:I	1975: I-1978:IV				
	United States.....	66.6	12.1	48.6	1.1	52.4	0.7	48.3	28.6	84.4	11.3	49.4	12.6	33.6	9.2	27.5	100	100
	States with a large growth advantage:																	
1	Wyoming.....	115.3	19.6	80.0	15.0	58.9	26.6	64.0	50.9	174.8	23.1	84.8	10.3	58.0	9.2	35.6	162	165
2	Alaska.....	109.5	46.0	43.5	24.6	31.0	316.1	-38.2	142.3	165.0	91.7	42.9	20.4	60.2	12.3	22.0	380	90
3	Nevada.....	92.9	13.9	69.4	5.5	103.9	-34.7	204.2	33.8	20.5	15.5	72.2	14.3	45.1	7.4	34.9	115	143
4	Idaho.....	91.8	18.7	61.6	10.9	67.6	39.6	59.0	19.9	68.8	17.4	69.1	23.2	44.8	10.9	49.6	155	127
5	Texas.....	91.0	17.4	62.7	13.2	68.1	21.5	85.6	35.6	107.3	16.5	66.1	16.0	52.9	7.8	24.1	144	129
6	Utah.....	88.6	16.3	62.1	17.2	72.3	8.3	90.1	23.4	77.8	15.1	67.6	14.4	55.4	11.4	28.4	135	128
7	New Mexico.....	86.8	17.4	59.2	10.2	75.2	11.7	78.4	29.7	106.2	14.2	64.6	19.5	46.7	7.0	27.4	144	122
8	Washington.....	86.6	18.4	57.6	13.1	58.4	17.7	118.0	12.5	124.5	16.0	70.0	13.9	37.1	18.5	27.1	152	119
9	Oregon.....	82.2	13.6	60.3	.9	74.4	9.2	80.9	21.7	82.9	12.6	64.1	16.1	43.1	15.0	34.2	112	124
10	Louisiana.....	82.1	15.6	57.5	11.5	63.3	19.9	80.8	23.1	92.5	16.0	60.2	14.1	31.3	10.5	25.3	129	118
11	Oklahoma.....	81.1	16.9	55.0	7.6	63.7	11.0	60.5	27.9	115.6	18.7	57.7	14.5	43.3	7.5	23.9	140	113
12	Kentucky.....	80.7	15.3	56.7	-1.2	60.9	-1.1	77.8	64.8	85.3	14.2	55.4	15.7	45.4	8.6	24.0	126	117
13	California.....	79.2	15.4	55.4	6.5	55.1	3.5	74.6	17.5	73.5	12.0	62.0	15.7	27.9	8.1	24.2	127	114
14	North Dakota.....	79.0	18.8	50.7	50.3	32.4	60.9	67.2	49.4	249.8	15.3	56.6	10.6	47.7	14.4	6.4	155	104
15	Arizona.....	78.1	10.9	60.6	1.3	69.6	-22.5	100.8	10.4	14.4	8.1	65.9	14.9	50.2	10.7	32.8	90	125
16	Arkansas.....	77.9	14.6	55.2	-2.7	73.2	15.5	45.1	17.2	74.1	12.5	59.1	21.7	38.5	12.9	28.5	121	114
17	Colorado.....	76.1	12.7	56.2	5.9	65.8	-16.8	67.7	37.7	123.3	12.0	58.4	22.5	43.4	7.4	20.0	105	116
18	West Virginia.....	75.7	17.0	50.1	8.9	43.0	12.4	52.5	35.2	65.8	13.8	41.9	11.4	52.0	11.7	35.9	140	103
19	New Hampshire.....	75.4	10.5	58.7	-3.4	73.2	-19.1	98.7	17.5	54.2	10.7	59.2	9.9	47.1	4.3	34.3	87	121
20	Mississippi.....	75.3	13.2	54.9	-1.1	61.9	8.9	57.0	17.8	121.2	10.8	55.4	10.2	48.7	11.9	21.1	109	113
21	Kansas.....	75.1	15.0	52.3	14.1	54.5	12.2	74.6	15.5	105.0	14.4	54.3	15.3	33.3	5.6	23.0	124	108
22	Montana.....	74.6	14.9	52.0	1.6	58.3	11.2	74.1	15.6	71.8	16.5	61.0	17.8	34.8	15.4	11.1	123	107
23	Alabama.....	74.6	13.8	53.3	2.5	60.4	11.3	48.8	65.6	90.7	10.8	55.7	18.5	51.9	7.6	31.9	114	110
	Average.....	83.9	16.8	57.6	9.2	62.8	22.8	74.9	34.1	98.6	17.7	61.1	15.7	45.2	10.3	27.2	139	119
	States with a large growth disadvantage:																	
50	New York.....	46.4	10.5	32.5	.1	34.2	-14.1	5.5	4.8	17.4	9.0	30.6	8.7	15.3	8.5	28.1	87	67
49	New Jersey.....	52.8	10.1	38.8	1.3	35.3	-7.9	23.4	-16.9	30.4	9.4	44.0	7.6	33.7	6.5	29.0	83	80
48	Connecticut.....	54.1	10.0	40.2	4.7	38.7	-10.2	18.9	19.0	155.7	10.8	46.8	5.8	25.1	12.9	27.5	83	83
47	Delaware.....	55.2	9.6	41.7	3.2	34.0	-6	39.2	5.0	1.7	5.1	44.6	5.7	39.1	12.8	18.1	79	86
	District of Columbia.....	55.3	9.8	41.4	9.6	14.2	13.9	-22.9	100.0	56.9	14.4	44.0	1.4	37.4	5.2	45.7	81	85
46	Rhode Island.....	56.0	9.2	42.9	.2	55.7	-7.1	39.6	.0	165.4	8.8	41.7	16.5	35.4	-22.3	24.6	76	88
45	Maryland.....	56.1	10.7	41.0	.9	43.4	-1.0	30.1	24.4	27.4	12.7	40.9	12.3	40.6	2.3	20.5	88	84
44	Massachusetts.....	56.4	10.2	41.9	1.5	48.2	-11.7	3.2	-1.9	38.4	9.0	40.3	6.4	41.4	.4	30.1	84	86
43	Illinois.....	57.3	10.9	41.8	1.9	33.8	1.6	37.4	15.5	65.1	12.3	41.0	13.5	31.0	9.0	26.6	90	86
42	Pennsylvania.....	58.2	11.9	41.5	4.2	38.4	1.6	27.5	31.0	55.4	11.3	43.2	8.4	23.5	14.2	24.2	98	85
	Average.....	54.8	10.3	40.4	2.8	37.6	-3.6	20.2	20.1	61.4	10.3	41.7	8.6	32.2	5.0	27.4	85	83

* Wholesale and retail trade, the finance-insurance-real estate group, the transportation-communication-public utilities group, and services.

1. Ranked by percent change in nonfarm income, 1973:IV–1978:IV.

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

County and Metropolitan Area Personal Income

THIS article presents estimates of personal income for 1977 and revised estimates for earlier years for the Nation's Standard Metropolitan Statistical Areas (SMSA's), counties, and county equivalents.¹ Total and per capita income for 268 SMSA's for 1969, 1975, 1976, and 1977, are shown in Table 1.² Total and per capita personal income for the 3,141 counties and county equivalents for 1969, 1976, and 1977, are shown in Table 2.³

Personal income by type of payment and labor and proprietors' income by major industry group, as shown in Table A, are available for SMSA's and for counties for 1969-77. This information can be obtained for one or more counties or SMSA's from the Regional Economic Information System of the Regional Economic Measurement Division, Bureau of Economic Analysis.⁴

A nine volume set, *Local Area Personal Income, 1972-77*, will be available by mid-year. Each of the eight regional volumes (volumes 2-9) will contain detailed personal income estimates for the States, SMSA's, and counties of a single region plus related analytical tables, charts, and maps and a summary methodology. A national volume (volume 1) will contain personal income

estimates for the United States and all the regions, States, SMSA's, and BEA economic areas. It will also include a detailed description of the sources and methods used in estimating local area personal income, as well as analytic tables, charts, and maps.

Definition of total and per capita personal income

Personal income is the current income received by residents of an area from all sources. It is measured before deduction of income and other personal taxes, but after deduction of personal contributions for social security, government retirement, and other social insurance programs. It consists of wage and salary disbursements (covering all employee earnings, including executive salaries, bonuses, commissions, payments in kind, incentive payments, and tips), various types of supplementary

earnings termed "other labor income," proprietors' income, rental income of persons, dividends, personal interest income, and government and business transfer payments.

The definitions underlying the local area estimates are, for the most part, the same as those underlying the personal income estimates in the national income and product accounts. The major difference is in the treatment of U.S. citizens temporarily working on assignment abroad. The national estimates include not only Federal personnel—civilian and military—stationed abroad, but also—since the 1976 benchmark revisions—U.S. residents employed by private U.S. firms on temporary foreign assignment. The State and local area estimates include only persons working and/or residing in the 50 States and the District of Columbia.

Acknowledgments

The personal income estimates were prepared under the direction of Edwin J. Coleman, Chief of the Regional Economic Measurement Division. He was assisted by Jeanne S. Goodman, Staff Methodologist. Tables were prepared by Eunice P. James and Kathy A. Albetski of the Regional Economic Information System Branch. Secretarial support was provided by C. Dale Lyons.

Estimates of private nonfarm wages and salaries and other labor income were prepared under the supervision of Elizabeth H. Queen, Chief of the Private Wage and Income Branch. She was assisted principally by: David J. Albright, Carl J. Carlson, Sharon C. Carnevale, Carol E. Evans, Kevin O'Brien, Michael G. Pilot, William E. Reid, Jr., and Victor Sahadachny.

Estimates of farm income, government wages and salaries, government other labor income, proprietors' income, property income, transfer payments, and contributions for social insurance were prepared under the supervision of Kenneth P. Berkman, Chief of the Government, Proprietary, and Investment Income Branch. He was assisted principally by: Vivian G. Conklin, Q. Francis Dallavalle, Gary V. Kennedy, Katherine R. Levit, and Jeanne O'Neill.

Residence adjustments, disclosure-avoidance, and final preparation of the local area personal income accounts were performed under the supervision of David W. Cartwright, Chief of the Regional Economic Information System Branch. He was assisted principally by Wallace K. Bailey and Paul M. Levit.

1. These estimates supersede those presented in the June 1978 SURVEY OF CURRENT BUSINESS.

2. Included for the first time are the two newly designated SMSA's: Janesville-Beloit (Rock County), Wisconsin and Rapid City (Meade and Pennington Counties), South Dakota.

3. Included for the first time are the three most recently established independent cities of Virginia: Manassas, Manassas Park, and Poquoson.

4. Estimates on a revised basis for selected earlier years will be available at the end of 1979; requests for such information should be deferred until after June 1979. There is a charge of one dollar for each State, SMSA, or county table. However, charges will not exceed: \$50 for a complete set of tables for a single State, \$250 for a complete set of SMSA tables, and \$1,000 for an entire set of State and county tables for the United States.

Per capita income is computed by dividing the residence-adjusted total personal income by midyear population estimates. Population data for July for each year were provided by the Bureau of the Census; the college student population, however, is measured as of April 1.

The per capita figures should be used with caution for several reasons. In many instances, an unusually high (or low) per capita income is the temporary result of unusual conditions, such as a

bumper crop, a major construction project (e.g., a defense facility, nuclear plant, or dam), or a catastrophe (e.g., a tornado or drought). In some cases, a high per capita income is not representative of the standard of living in an area. For example, a construction project may attract a large number of high-paid workers who are included in the population but who send a substantial portion of their wages to dependents living in other areas. Conversely, a county with a large institutional

population (e.g., residents of a college correctional institution, or domiciliary medical facility) may show an unusually low per capita income, which is not necessarily indicative of the economic well-being of the noninstitutional population. Moreover, population is measured at midyear whereas income is measured as a flow over the year. Therefore, a significant change in population during the year can cause a distortion in the per capita figures, particularly if the change occurs around midyear.

Table A.—Example of Available Data for Local Areas

Dade County, Florida	Personal income by major sources 1972-77 (thousands of dollars)					
	1972 ¹	1973 ¹	1974 ¹	1975 ²	1976 ²	1977 ²
Total labor and proprietors' income by place of work						
By type:						
Wage and salary disbursements ³	4,912,858	5,680,022	6,167,764	6,202,067	6,627,540	7,280,042
Other labor, income.....	319,155	391,704	443,040	490,578	561,988	658,673
Proprietors' income ⁴	489,498	508,551	464,463	457,313	501,745	570,293
Farm.....	23,316	26,687	28,967	40,169	39,035	35,772
Nonfarm.....	466,182	481,864	435,496	417,144	462,710	534,521
By industry:⁴						
Farm.....	35,839	41,405	45,252	57,413	58,176	57,247
Nonfarm.....	5,685,672	6,538,617	7,080,015	7,092,545	7,633,097	8,451,761
Private.....	4,934,254	5,688,279	6,064,563	5,976,506	6,453,968	7,165,241
Ag. serv., for., fish, and other ⁵	18,289	20,672	22,767	27,504	28,286	28,848
Mining.....	21,469	25,911	29,448	29,674	25,700	11,213
Construction.....	489,672	608,376	617,934	419,084	381,726	422,857
Manufacturing.....	660,717	784,993	833,469	808,749	890,534	986,219
Nondurable goods.....	348,740	399,019	420,948	442,301	499,556	538,770
Durable goods.....	311,977	385,974	412,521	366,448	390,978	447,449
Transportation and public utilities.....	811,716	929,201	977,182	1,022,750	1,114,790	1,267,532
Wholesale trade.....	446,499	542,118	636,135	638,030	695,461	777,275
Retail trade.....	727,124	804,899	854,799	864,645	924,223	1,008,249
Finance, insurance, and real estate.....	463,007	508,585	507,519	488,914	578,049	651,903
Services.....	1,295,761	1,463,524	1,585,310	1,677,156	1,815,199	2,011,145
Government and government enterprises.....	751,418	850,593	965,452	1,116,039	1,179,129	1,286,520
Federal, civilian.....	167,978	174,913	178,273	217,941	237,386	259,657
Federal, military.....	78,395	83,443	88,428	89,996	94,922	102,180
State and local.....	505,045	592,237	698,751	808,102	846,821	924,683
Derivation of personal income by place of residence						
Total labor and proprietors' income by place of work.....	5,721,511	6,580,277	7,075,267	7,149,958	7,691,273	8,509,008
Less: Personal contributions for social insurance by place of work.....	260,931	337,179	360,789	353,154	378,146	412,861
Net labor and proprietors' income by place of work.....	5,460,580	6,243,098	6,714,478	6,796,804	7,313,127	8,096,147
Plus: Residence adjustment.....	-356,015	-400,133	-432,225	-505,210	-539,189	-584,728
Net labor and proprietors' income by place of residence.....	5,104,565	5,842,965	6,282,253	6,291,594	6,773,938	7,511,419
Plus: Dividends, interest, and rent ⁶	1,238,128	1,396,785	1,620,807	1,652,900	1,854,167	2,067,953
Plus: Transfer payments.....	718,476	846,728	1,039,946	1,377,788	1,486,233	1,597,246
Personal income by place of residence.....	7,061,169	8,086,478	8,943,006	9,322,282	10,114,338	11,176,618
Per capita personal income (dollars).....	5,239	5,862	6,375	6,491	7,031	7,755
Total population (thousands).....	1,347.8	1,379.5	1,402.9	1,436.2	1,438.5	1,441.2

1 Estimates based on 1967 SIC.

2 Estimates based on 1972 SIC.

3 Consists of wage and salary disbursements, other labor income, and proprietors' income. Primary source for private non-farm wages: ES-202 Covered Wages—Florida Division of Administration.

4 Includes the capital consumption adjustment for nonfarm proprietors.

5 Includes wages and salaries of U.S. residents working for international organizations.

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

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

Area title	Total personal income						Per capita personal income						
	Millions of dollars				Percent of U.S. 1977	Average annual rates of growth		Dollars				Rank in the United States	
	1969	1975	1976	1977		1969-77	1976-77	1969	1975	1976	1977	1969	1977
United States ²	738,233	1,248,631	1,373,153	1,519,893	100.00	9.45	10.69	3,667	5,861	6,396	7,026		
Sum of SMSA counties	589,842	978,003	1,077,458	1,191,130	78.37	9.18	10.55	3,962	6,234	6,823	7,494		
Sum of non-SMSA counties	148,391	270,628	295,695	328,763	21.63	10.46	11.18	2,831	4,821	5,209	5,727		
Abilene, TX	368	695	784	872	.06	11.39	11.22	2,938	5,406	5,961	6,656	233	153
Akron, OH	2,541	3,808	4,094	4,583	.30	7.65	11.94	3,757	5,668	6,155	6,936	77	120
Albany, GA	242	449	495	545	.04	10.68	10.10	2,552	4,453	4,820	5,147	263	261
Albany-Schenectady-Troy, NY	2,899	4,725	5,070	5,470	.36	8.26	7.89	3,753	5,920	6,355	6,887	78	129
Albuquerque, NM	1,045	2,098	2,362	2,649	.17	12.33	12.15	3,147	5,444	6,008	6,592	200	159
Alexandria, LA	338	585	652	720	.05	9.91	10.43	2,572	4,301	4,720	5,155	262	260
Allentown-Bethlehem-Easton, PA-NJ	2,157	3,812	4,137	4,513	.30	9.67	9.09	3,661	6,138	6,655	7,232	100	85
Altoona, PA	396	628	702	775	.05	8.76	10.40	2,922	4,659	5,258	5,776	235	240
Amarillo, TX	501	939	1,046	1,182	.08	11.33	13.00	3,130	6,218	6,766	7,485	203	60
Anaheim-Santa Ana-Garden Grove, CA	5,967	11,367	12,777	14,616	.96	11.85	14.39	4,334	6,634	7,278	8,116	18	17
Anchorage, AK	586	1,614	1,882	2,074	.14	17.12	10.20	4,755	10,066	10,466	11,430	5	1
Anderson, IN	491	770	866	959	.06	8.73	10.74	3,572	5,560	6,254	6,994	120	112
Ann Arbor, MI	929	1,582	1,792	2,022	.13	10.21	12.83	4,155	6,415	7,187	8,081	27	20
Anniston, AL	299	500	557	616	.04	9.46	10.59	2,901	4,686	4,961	5,486	237	251
Appleton-Oshkosh, WI	956	1,601	1,781	2,019	.13	9.80	13.36	3,534	5,593	6,233	6,976	125	116
Asheville, NC	479	816	907	1,003	.07	9.68	10.58	2,963	4,861	5,422	5,960	231	230
Atlanta, GA	6,053	10,923	12,035	13,465	.89	10.51	11.88	3,834	6,112	6,673	7,352	63	75
Atlantic City, NJ	637	1,067	1,159	1,259	.08	8.89	8.63	3,648	5,680	6,082	6,634	104	157
Augusta, GA-SC	915	1,430	1,618	1,788	.12	8.73	10.51	3,327	5,113	5,632	6,222	164	206
Austin, TX	1,091	2,297	2,592	2,946	.19	13.22	13.66	3,159	5,198	5,644	6,212	197	207
Bakersfield, CA	1,080	2,014	2,341	2,493	.16	11.02	6.49	3,319	5,789	6,579	6,868	166	132
Baltimore, MD	7,963	13,005	14,150	15,362	1.01	8.56	8.57	3,876	6,071	6,613	7,155	55	92
Baton Rouge, LA	1,180	2,191	2,587	2,894	.19	11.87	11.87	3,180	5,324	6,084	6,649	191	155
Battle Creek, MI	656	1,055	1,182	1,284	.08	8.76	8.63	3,714	5,780	6,488	7,057	88	102
Bay City, MI	406	646	739	838	.06	9.48	13.40	3,494	5,385	6,161	6,969	131	117
Beaumont-Port Arthur-Orange, TX	1,138	1,990	2,350	2,647	.17	11.13	12.64	3,285	5,678	6,553	7,274	171	81
Billings, MT	293	574	630	726	.05	12.01	15.24	3,378	5,898	6,337	7,211	154	87
Biloxi-Gulfport, MS	468	766	849	938	.06	9.08	10.48	2,958	4,487	4,907	5,358	232	255
Binghamton, NY-PA	1,085	1,660	1,782	1,953	.13	7.62	9.60	3,590	5,438	5,800	6,388	117	184
Birmingham, AL	2,420	4,467	4,951	5,486	.36	10.77	10.81	3,233	5,639	6,199	6,812	180	141
Bloomington, IN	228	385	427	479	.03	9.72	12.18	2,778	4,309	4,679	5,213	251	259
Bloomington-Normal, IL	375	725	744	820	.05	10.27	10.22	3,651	6,275	6,360	6,889	103	128
Boise City, ID	401	857	983	1,115	.07	13.64	13.43	3,632	6,367	7,082	7,656	109	49
Boston-Lowell-Brocton-Lawrence-Haverhill, MA-NH	15,927	24,797	26,996	29,585	1.95	8.05	9.59	4,173	6,335	6,922	7,590	25	53
Bradenton, FL	290	640	706	786	.05	13.45	12.75	3,081	5,229	5,705	6,350	215	190
Bridgeport-Stamford-Norwalk-Danbury, CT	4,356	6,463	7,030	7,809	.51	7.57	11.08	5,578	8,106	8,785	9,676	1	2
Brownsville-Harlingen-San Benito, TX	277	623	687	751	.05	13.28	9.32	1,997	3,685	3,942	4,253	266	266
Bryan-College Station, TX	151	313	356	407	.03	13.19	14.33	2,819	4,409	4,700	5,256	243	258
Buffalo, NY	5,116	7,765	8,406	9,164	.60	7.56	9.02	3,807	5,833	6,340	6,980	67	114
Burlington, VT	337	546	612	678	.04	9.13	10.78	3,501	5,147	5,655	6,181	129	210
Burlington, NC	324	500	541	581	.04	7.57	7.39	3,372	5,075	5,478	5,872	156	233
Canton, OH	1,424	2,237	2,437	2,688	.18	8.27	10.30	3,636	5,543	6,077	6,704	108	151
Cedar Rapids, IA	635	1,065	1,170	1,292	.09	9.29	10.43	3,926	6,407	7,017	7,728	49	44
Champaign-Urbana-Rantoul, IL	548	938	984	1,069	.07	8.71	8.64	3,411	5,744	5,968	6,346	148	191
Charleston-N. Charleston, SC	938	1,761	1,999	2,166	.14	11.03	8.35	2,809	4,746	5,245	5,619	245	246
Charleston, WV	875	1,525	1,733	1,934	.13	10.42	11.60	3,397	5,943	6,724	7,407	150	70
Charlotte-Gastonia, NC	1,972	3,407	3,789	4,209	.28	9.94	11.08	3,642	5,759	6,409	7,050	106	106
Chattanooga, TN-GA	1,182	2,040	2,300	2,526	.17	9.96	9.83	3,199	5,217	5,833	6,265	186	198
Cheyenne, WY	210	408	453	494	.03	11.29	9.05	3,774	6,465	7,094	7,667	74	47
Chicago, IL	32,123	49,766	54,840	59,800	3.93	8.08	9.04	4,642	7,100	7,837	8,522	8	11
Cincinnati, OH-KY-IN	5,284	8,190	9,006	10,002	.66	8.30	11.06	3,838	5,978	6,548	7,272	62	82
Clarksville-Hopkinsville, TN-KY	347	657	769	811	.05	11.20	5.46	2,928	4,808	5,499	5,591	234	248
Cleveland, OH	9,153	13,335	14,654	16,211	1.07	7.41	10.63	4,463	6,752	7,485	8,315	12	14
Colorado Springs, CO	795	1,518	1,652	1,804	.12	10.79	9.20	3,426	5,259	5,804	6,256	144	202
Columbia, MO	241	453	509	567	.04	11.29	11.39	3,033	5,348	5,813	6,384	222	185
Columbia, SC	1,001	1,988	2,197	2,413	.16	11.63	9.83	3,190	5,439	5,983	6,448	189	178
Columbus, GA-AL	759	1,079	1,204	1,334	.09	7.30	10.80	3,242	4,748	5,190	5,816	177	238
Columbus, OH	3,620	6,034	6,635	7,388	.49	9.33	11.35	3,626	5,623	6,181	6,798	112	144
Corpus Christi, TX	821	1,487	1,696	1,856	.12	10.73	9.43	2,861	5,010	5,594	6,121	240	215
Dallas-Fort Worth, TX	9,252	16,204	18,243	20,595	1.36	10.52	12.89	4,036	6,340	6,923	7,704	35	45
Davenport-Rock Island-Moline, IA-IL	1,393	2,436	2,638	2,935	.19	9.76	11.26	3,885	6,544	7,082	7,829	54	37
Dayton, OH	3,404	4,935	5,471	6,045	.40	7.44	10.49	4,031	5,876	6,545	7,256	38	84
Daytona Beach, FL	524	1,059	1,158	1,281	.08	11.82	10.62	3,141	5,092	5,526	5,995	201	226
Decatur, IL	482	819	898	979	.06	9.26	9.02	3,867	6,485	7,135	7,664	58	48
Denver-Boulder, CO	4,810	9,397	10,465	11,788	.78	11.86	12.64	3,942	6,652	7,272	8,050	47	22
Des Moines, IA	1,211	2,164	2,359	2,633	.17	10.20	11.62	3,886	6,531	7,098	7,900	53	29
Detroit, MI	19,403	29,146	33,021	37,300	2.45	8.51	12.96	4,395	6,594	7,526	8,535	15	10
Dubuque, IA	297	544	592	674	.04	10.79	13.85	3,299	5,776	6,235	6,948	169	119
Duluth-Superior, MN-WI	828	1,443	1,650	1,714	.11	9.52	3.88	3,064	5,517	6,213	6,416	119	181
Eau Claire, WI	360	599	644	720	.05	9.05	11.80	3,237	4,907	5,259	5,856	219	235
El Paso, TX	1,021	1,813	2,014	2,204	.15	10.10	9.43	2,805	4,365	4,692	5,071	246	263
Elmira, NY	357	544	585	623	.04	7.21	6.50	3,522	5,423	5,852	6,293	126	197
Erie, PA	905	1,569	1,668	1,829	.12	9.19	9.65	3,451	5,719	6,071	6,735	139	149
Eugene-Springfield, OR	645	1,213	1,413	1,621	.11	12.21	14.72	3,087	5,049	5,819	6,513	213	171
Evansville, IN-KY	971	1,644	1,862	2,096	.14	10.10	12.57	3,420	5,710	6,471	7,209	146	88

Table 1.—Total Personal Income and Per Capita Personal Income by SMSA for Selected Years¹—Continued

Area title	Total personal income							Per capita personal income					
	Millions of dollars				Percent of U.S. 1977	Average annual rates of growth		Dollars				Rank in the United States	
	1969	1975	1976	1977		1969-77	1976-77	1969	1975	1976	1977	1969	1977
Grand Forks, ND-MN	268	558	544	667	.04	12.07	22.61	2,848	5,714	5,434	6,499	241	172
Grand Rapids, MI	1,988	3,216	3,555	4,016	.26	9.19	12.97	3,725	5,689	6,236	6,977	86	115
Great Falls, MT	280	461	504	558	.04	9.00	10.71	3,448	5,489	6,003	6,612	141	158
Greeley, CO	252	635	637	644	.04	12.44	1.10	2,920	5,918	5,909	5,841	236	236
Green Bay, WI	505	914	1,017	1,147	.08	10.80	12.78	3,319	5,350	5,874	6,546	167	165
Greensboro-Winston-Salem-High Point, NC	2,576	4,453	4,942	5,460	.36	9.84	10.48	3,601	5,842	6,457	7,054	114	103
Greenville-Spartanburg, SC	1,439	2,643	2,982	3,291	.22	10.89	10.36	3,089	5,045	5,714	6,252	212	203
Hamilton-Middletown, OH	788	1,253	1,466	1,634	.11	9.54	11.46	3,522	5,280	5,968	6,521	127	169
Harrisburg, PA	1,477	2,607	2,869	3,148	.21	9.92	9.72	3,631	6,132	6,760	7,340	110	76
Hartford-New Britain-Bristol, CT	4,580	6,980	7,430	8,148	.54	7.47	9.66	4,486	6,600	7,043	7,746	11	42
Honolulu, HI	2,634	4,812	5,228	5,652	.37	10.01	8.11	4,365	6,944	7,465	7,950	17	25
Houston, TX	7,400	15,723	18,150	20,718	1.36	13.73	14.15	3,760	6,793	7,499	8,247	76	16
Huntington-Ashland, WV-KY-OH	853	1,449	1,650	1,837	.12	10.06	11.33	2,567	5,014	5,611	6,175	228	211
Huntsville, AL	860	1,398	1,557	1,729	.11	9.12	11.05	3,077	4,882	5,409	5,952	216	231
Indianapolis, IN	4,421	7,016	7,776	8,650	.57	8.75	11.24	4,046	6,152	6,824	7,563	34	55
Jackson, MI	553	852	923	1,023	.07	7.99	10.83	3,876	5,801	6,272	6,822	56	140
Jackson, MS	798	1,526	1,726	1,943	.13	11.77	12.57	3,117	5,325	5,943	6,569	209	164
Jacksonville, FL	1,994	3,794	4,139	4,538	.30	10.83	9.64	3,218	5,530	5,954	6,536	183	167
Janesville-Beloit, WI	479	752	837	965	.06	9.15	15.29	3,660	5,578	6,242	7,199	92	89
Jersey City, NJ	2,356	3,691	3,936	4,235	.28	7.61	7.60	3,852	6,360	6,856	7,507	59	58
Johnson City-Kingsport-Bristol, TN-VA	1,037	1,700	1,993	2,215	.15	9.95	11.14	2,789	4,498	4,917	5,426	249	253
Johnstown, PA	739	1,382	1,522	1,656	.11	10.61	8.80	2,795	5,193	5,706	6,186	248	208
Kalamazoo-Portage, MI	940	1,545	1,702	1,866	.12	9.17	11.40	3,739	5,868	6,424	7,073	82	99
Kankakee, IL	356	600	621	676	.04	8.35	8.86	3,671	6,234	6,451	7,040	97	107
Kansas City, MO-KS	4,983	8,207	9,113	10,195	.67	9.36	11.87	3,973	6,395	7,064	7,883	43	31
Kenosha, WI	407	766	813	884	.06	10.18	8.73	3,448	6,150	6,566	7,081	142	96
Killeen-Temple, TX	478	1,049	1,156	1,254	.08	12.81	8.48	3,121	5,268	5,578	6,014	207	224
Knoxville, TN	1,216	2,173	2,440	2,723	.18	10.60	11.60	2,986	5,004	5,507	6,063	226	221
Kokomo, IN	377	635	734	822	.05	10.23	11.99	3,832	6,130	7,124	7,920	64	26
La Crosse, WI	258	443	499	559	.04	10.15	12.02	3,217	5,111	5,833	6,468	184	174
Lafayette, LA	307	663	776	913	.06	14.60	17.65	2,788	5,326	6,017	6,894	250	126
Lafayette-West Lafayette, IN	360	603	653	731	.05	9.26	11.94	3,354	5,336	5,708	6,355	159	189
Lake Charles, LA	430	742	836	970	.06	10.70	13.32	2,973	4,922	5,568	6,223	227	205
Lakeland-Winter Haven, FL	663	1,419	1,494	1,654	.11	11.49	10.71	3,053	5,189	5,425	5,972	250	228
Lancaster, PA	1,182	1,970	2,191	2,403	.16	9.27	9.68	3,745	5,742	6,365	6,909	80	124
Lansing-East Lansing, MI	1,534	2,523	2,853	3,219	.21	9.71	12.83	3,676	5,657	6,361	7,073	95	100
Laredo, TX	142	260	294	331	.02	11.16	12.59	1,866	3,322	3,526	3,858	267	267
Las Vegas, NV	1,137	2,162	2,436	2,783	.18	11.84	14.24	4,250	6,536	7,056	7,735	23	43
Lawrence, KS	160	289	326	368	.02	10.97	12.88	2,803	4,497	5,052	5,626	247	245
Lawton, OK	335	484	552	592	.04	7.38	7.25	2,566	4,563	4,795	5,026	229	264
Lewiston-Auburn, ME	291	463	527	570	.04	8.77	8.16	3,203	4,937	5,546	5,976	185	227
Lexington-Fayette, KY	502	1,576	1,819	2,013	.13	10.56	10.67	3,464	5,482	6,238	6,840	135	138
Lima, OH	740	1,179	1,300	1,441	.09	8.69	10.85	3,549	5,524	6,170	6,855	123	134
Lincoln, NE	632	1,129	1,252	1,381	.09	10.26	10.30	3,819	6,186	6,851	7,512	65	57
Little Rock-North Little Rock, AR	1,085	2,030	2,259	2,514	.17	11.08	11.29	3,404	5,650	6,192	6,810	149	142
Long Branch-Asbury Park, NJ	1,936	3,292	3,544	3,866	.25	9.03	9.09	4,262	6,668	7,225	7,863	20	34
Longview-Marshall, TX	376	695	807	899	.06	11.51	11.40	3,231	5,440	6,241	6,857	181	133
Lorain-Elyria, OH	926	1,495	1,602	1,704	.13	9.43	14.56	3,646	5,601	6,326	7,212	105	86
Los Angeles-Long Beach, CA	31,419	47,822	53,334	59,267	3.90	8.26	11.12	4,465	6,884	7,615	8,429	10	13
Louisville, KY-IN	3,181	5,197	5,781	6,446	.42	9.23	11.50	3,715	5,859	6,512	7,300	87	80
Lubbock, TX	533	1,008	1,149	1,299	.09	11.78	13.05	2,964	5,162	5,792	6,492	230	173
Lynchburg, VA	423	713	805	898	.06	9.87	11.55	3,180	4,951	5,510	6,132	212	214
Macon, GA	700	1,230	1,349	1,473	.10	9.75	9.19	3,118	5,163	5,650	6,086	208	218
Madison, WI	1,084	1,853	2,046	2,322	.15	9.99	13.49	3,875	6,119	6,618	7,417	57	67
Manchester-Nashua, NH	852	1,391	1,568	1,766	.12	9.54	12.63	3,852	5,753	6,310	6,917	60	123
Mansfield, OH	475	706	784	893	.06	8.21	13.00	3,681	5,392	5,950	6,850	93	135
McAllen-Pharr-Edinburg, TX	298	698	776	868	.06	14.75	15.46	1,664	3,166	3,935	4,859	268	268
Melbourne-Titusville-Cocoa, FL	874	1,238	1,348	1,497	.10	6.96	11.05	3,992	5,312	5,825	6,426	42	179
Memphis, TN-AR-MS	2,622	4,713	5,132	5,731	.38	10.27	11.67	3,177	5,439	5,871	6,465	195	176
Miami, FL	5,011	9,322	10,114	11,177	.74	10.55	10.51	4,010	6,491	7,031	7,755	40	39
Midland, TX	261	493	571	675	.04	12.61	18.21	4,133	7,130	7,982	9,307	29	4
Milwaukee, WI	5,784	9,217	10,121	11,282	.74	8.69	11.47	4,153	6,532	7,131	7,908	28	28
Minneapolis-St. Paul, MN-WI	8,173	13,222	14,598	16,340	1.08	9.05	11.93	4,235	6,542	7,174	8,021	24	23
Mobile, AL	1,013	1,920	2,195	2,448	.16	11.66	11.53	2,702	4,768	5,303	5,758	255	241
Modesto, CA	660	1,280	1,434	1,660	.11	12.22	15.76	3,453	5,701	6,226	7,033	137	110
Monroe, LA	313	552	641	713	.05	10.84	11.23	2,739	4,391	4,951	5,506	252	250
Montgomery, AL	682	1,267	1,409	1,565	.10	10.94	11.07	3,076	5,084	5,550	6,149	217	212
Muncie, IN	424	644	702	783	.05	7.97	11.54	3,328	4,978	5,443	6,068	163	217
Muskegon-Norton Shores-Muskegon Heights, MI	582	893	984	1,085	.07	8.10	10.26	3,354	5,011	5,487	6,059	160	222
Nashville-Davidson, TN	2,338	4,071	4,577	5,138	.34	10.34	12.26	3,350	5,413	6,032	6,647	151	156
Nassau-Suffolk, NY	12,273	20,093	21,426	23,154	1.52	8.26	8.06	4,877	7,565	7,997	8,614	2	9
New Bedford-Fall River, MA	1,492	2,401	2,662	2,913	.19	8.72	9.43	3,381	5,177	5,672	6,226	153	204
New Brunswick-Perth Amboy-Sayreville, NJ	2,389	3,997	4,339	4,744	.31	8.95	9.33	4,169	6,729	7,325	7,993	26	24
New Haven-West Haven-Waterbury-Meriden, CT	3,184	4,800	5,120	5,625	.37	7.37	9.86	4,262	6,307	6,742	7,413	22	69
New London-Norwich, CT	853	1,374	1,520	1,692	.11	8.94	11.32	3,782	5,643	6,230	6,909	70	125
New Orleans, LA	3,629	6,188	6,954	7,706	.51	9.87	10.81	3,500	5,644	6,212	6,801	130	143
New York, NY-NJ	46,852	67,149	70,851	76,077	5.01	6.25	7.38	4,724	7,030	7,460	8,105	6	19
Newark, NJ	9,689	14,560	15,577	16,998	1.12	7.28	9.12	4,761	7,277	7,848	8,632	4	7
Newport News-Hampton, VA	1,090	1,895	2,105	2,305	.15	9.81	9.50	3,286	5,363	5,891	6,333	170	193
Norfolk-Virginia Beach-Portsmouth, VA-NC	2,322	4,080	4,443	4,905	.32	9.80	10.40	3,228	5,274	5,684	6,111	182	216
Northeast Pennsylvania, PA	1,959	3,331	3,616	3,936	.26	9.11	8.85	3,153	5,246	5,750	6,260	199	201
Odessa, TX	284	578	665	770	.05	12.79	15.79	3,342	5,917	6,565	7,455	162	61
Oklahoma City, OK	2,331	4,347	4,771	5,327	.35	10.88	11.65	3,465	5,766	6,275	6,932	134	121
Omaha, NE-IA	2,018	3,386	3,695	4,058	.27	9.12	9.82	3,778	5,602	6,358	6,986	71	113
Orlando, FL	1,478	3,155	3,509	3,875	.25	12.80	10.43	3,343	5,442	5,985	6,535	161	168
Owensboro, KY	250	437	499	556	.04	10.51	11.42	3,176	5,413	6,187	6,926	156	122
Oxnard-Simi Valley-Ventura, CA	1,339	2,500	2,761	3,119	.21	11.15	12.97	3,622	5,672	6,125	6,667	113	152
Panama City, FL	191	366	444	487	.03	12.41	9.68	2,587	4,499	4,919	5,311	261	256
Parkersburg-Marietta, WV-OH	462	776	875	995	.07	10.06	13.						

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

Area title	Total personal income					Per capita personal income							
	Millions of dollars				Percent of U.S. 1977	Average annual rates of growth		Dollars				Rank in the United States	
	1969	1975	1976	1977		1969-77	1976-77	1969	1975	1976	1977	1969	1977
Paterson-Clifton-Passaic, NJ	1,878	2,916	3,148	3,438	.23	7.85	9.21	4,074	6,449	6,764	7,449	30	62
Pensacola, FL	693	1,269	1,361	1,490	.10	10.04	9.48	2,899	4,696	4,955	5,430	238	252
Peoria, IL	1,334	2,503	2,689	2,936	.19	10.36	9.19	3,920	7,041	7,535	8,113	51	18
Petersburg-Colonial Heights-Hopewell, VA	414	665	735	812	.05	8.79	10.48	3,179	5,310	5,758	6,316	193	196
Philadelphia, PA-NJ	19,394	30,227	32,850	35,648	2.35	7.91	8.52	4,066	6,280	6,843	7,436	33	64
Phoenix, AZ	3,405	7,019	7,871	8,993	.59	12.91	14.25	3,599	5,802	6,432	7,174	116	91
Pine Bluff, AR	225	408	439	504	.03	10.61	14.81	2,638	4,879	5,196	5,968	259	229
Pittsburgh, PA	8,987	14,345	15,637	17,179	1.13	8.44	9.72	3,743	6,167	6,784	7,487	81	59
Pittsfield, MA	563	864	919	982	.06	7.20	6.86	3,778	5,799	6,293	6,874	72	130
Portland, ME	748	1,272	1,420	1,557	.10	9.60	9.65	3,479	5,544	6,158	6,722	133	150
Portland, OR-WA	3,935	7,040	7,872	8,832	.58	10.63	12.20	3,950	6,458	7,121	7,875	46	33
Poughkeepsie, NY	864	1,502	1,590	1,719	.11	8.98	8.11	3,952	6,435	6,831	7,416	45	68
Providence-Warwick-Pawtucket, RI	3,077	4,909	5,340	5,836	.38	8.33	9.29	3,663	6,253	6,850	7,487	98	136
Provo-Orem, UT	321	648	744	856	.06	13.04	15.05	2,388	3,918	4,381	4,854	265	265
Pueblo, CO	353	680	746	817	.05	11.06	9.52	3,004	5,421	6,005	6,654	224	154
Racine, WI	636	1,070	1,170	1,301	.09	9.36	11.20	3,737	6,040	6,643	7,358	83	74
Raleigh-Durham, NC	1,413	2,709	3,006	3,337	.22	11.34	11.01	3,453	5,706	6,317	6,850	138	137
Rapid City, SD	236	447	485	546	.04	11.05	12.58	3,051	5,349	5,567	6,030	221	223
Reading, PA	1,122	1,815	2,006	2,211	.15	8.85	10.22	3,810	5,960	6,582	7,319	66	77
Reno, NV	552	1,079	1,246	1,462	.10	12.95	17.34	4,664	7,445	8,284	9,368	7	3
Richland-Kennewick-Pasco, WA	325	693	764	892	.06	13.45	16.75	3,585	6,613	6,811	7,592	119	51
Richmond, VA	2,179	3,895	4,318	4,765	.31	10.27	10.35	4,008	6,689	7,280	7,897	41	30
Riverside-San Bernardino-Ontario, CA	3,787	6,626	7,454	8,380	.55	10.44	12.42	3,374	5,423	5,960	6,418	155	180
Roanoke, VA	684	1,209	1,344	1,475	.10	10.08	9.75	3,385	5,679	6,303	6,828	152	139
Rochester, MN	307	548	617	693	.05	10.71	12.32	3,736	6,197	6,874	7,672	84	46
Rochester, NY	4,080	6,485	6,940	7,520	.49	7.94	8.36	4,306	6,671	7,125	7,751	19	40
Rockford, IL	1,079	1,678	1,853	2,031	.13	8.23	9.61	4,019	6,198	6,900	7,584	39	54
Sacramento, CA	2,940	5,350	5,912	6,617	.44	10.67	11.92	3,749	6,048	6,522	7,119	79	94
Saginaw, MI	790	1,295	1,518	1,721	.11	10.22	13.37	3,600	5,721	6,701	7,591	115	52
St. Cloud, MN	342	647	719	807	.05	11.33	12.24	2,685	4,283	4,691	5,121	257	262
St. Joseph, MO	325	525	578	640	.04	8.84	10.73	3,241	5,288	5,793	6,414	178	182
St. Louis, MO-IL	9,326	14,661	16,158	17,905	1.18	8.49	10.81	3,941	6,154	6,782	7,524	48	56
Salem, OR	586	1,123	1,270	1,431	.09	11.81	12.68	3,195	5,449	5,979	6,592	188	160
Salinas-Seaside-Monterey, CA	1,001	1,777	1,940	2,150	.14	10.03	10.82	3,924	6,641	7,143	7,821	50	38
Salt Lake City-Ogden, UT	2,221	4,187	4,732	5,317	.35	11.53	12.36	3,178	5,345	5,910	6,466	194	175
San Angelo, TX	216	408	475	520	.03	11.61	9.47	3,019	5,425	6,210	6,793	223	146
San Antonio, TX	2,746	5,029	5,584	6,156	.41	10.62	10.24	3,123	5,126	5,556	6,007	205	225
San Diego, CA 3	5,221	9,449	10,620	11,899	.78	10.85	12.04	3,893	5,927	6,570	7,070	52	101
San Francisco-Oakland, CA	15,013	24,192	26,739	29,467	1.94	8.80	10.20	4,861	7,701	8,448	9,260	3	6
San Jose, CA	4,544	8,278	9,307	10,508	.69	11.05	12.90	4,397	7,014	7,792	8,632	14	8
Santa Barbara-Santa Maria-Lompoc, CA	1,040	1,780	1,984	2,227	.15	9.99	12.25	3,970	6,332	6,979	7,748	44	41
Santa Cruz, CA	447	870	978	1,113	.07	12.08	13.80	3,639	5,575	6,000	6,577	102	163
Santa Rosa, CA	738	1,416	1,591	1,789	.12	11.70	12.45	3,672	5,730	6,233	6,798	96	145
Sarasota, FL	492	1,086	1,216	1,375	.09	13.71	13.08	4,277	6,838	7,481	8,249	21	15
Savannah, GA	659	1,083	1,194	1,306	.09	8.93	9.38	3,199	5,324	5,624	6,071	187	220
Seattle-Everett, WA	6,200	9,784	10,861	12,070	.79	8.68	11.13	4,412	6,929	7,661	8,457	13	12
Sherman-Denison, TX	257	415	473	535	.04	9.60	13.11	3,103	5,071	5,615	6,367	210	187
Shreveport, LA	1,027	1,780	1,999	2,232	.15	10.19	11.66	3,072	5,108	5,646	6,263	218	199
Sioux City, IA-NE	401	721	763	825	.05	9.44	8.13	3,455	6,047	6,352	6,873	136	131
Sioux Falls, SD	327	586	647	739	.05	10.73	14.22	3,450	5,890	6,409	7,186	140	90
South Bend, IN	1,027	1,592	1,767	1,951	.13	8.35	10.41	3,678	5,706	6,382	7,054	94	104
Spokane, WA	982	1,744	1,964	2,188	.14	10.53	11.41	3,564	5,706	6,364	7,054	121	105
Springfield, IL	692	1,283	1,352	1,464	.10	9.82	8.28	4,073	7,060	7,347	7,859	31	35
Springfield, MO	521	960	1,069	1,193	.08	10.91	11.60	3,125	5,209	5,683	6,182	204	209
Springfield, OH	646	1,007	1,093	1,202	.08	8.07	9.97	3,504	5,403	5,953	6,589	128	161
Springfield-Chicopee-Holyoke, MA	2,120	3,275	3,509	3,858	.25	7.77	9.95	3,660	5,482	5,921	6,546	101	166
Steuenville-Weirton, OH-WV	549	951	1,075	1,175	.08	9.98	9.30	3,321	5,730	6,527	7,139	165	93
Stockton, CA	1,054	1,897	2,066	2,298	.15	10.23	11.23	3,700	6,335	6,766	7,380	90	72
Syracuse, NY	2,267	3,563	3,857	4,218	.28	8.07	9.36	3,588	5,489	5,914	6,514	118	170
Tacoma, WA	1,532	2,431	2,702	2,988	.20	8.75	10.95	3,778	5,824	6,421	7,079	73	97
Tallahassee, FL	287	652	704	774	.05	13.20	9.94	2,708	4,849	5,138	5,587	254	249
Tampa-St. Petersburg, FL	3,479	7,346	7,997	8,843	.58	12.37	10.58	3,263	5,431	5,860	6,406	174	183
Terre Haute, IN	544	896	987	1,083	.07	8.99	9.73	3,092	5,231	5,735	6,262	211	200
Texarkana, TX-Texarkana, AR	343	551	622	692	.05	9.17	11.25	3,131	4,724	5,273	5,841	202	237
Toledo, OH-MI	2,874	4,603	5,135	5,684	.37	8.90	10.69	3,807	5,887	6,638	7,312	68	78
Topoka, KS	651	1,074	1,174	1,327	.09	9.31	13.03	3,629	5,996	6,465	7,114	111	95
Trenton, NJ	1,234	2,043	2,207	2,423	.16	8.80	9.79	4,036	6,424	6,918	7,644	36	50
Tucson, AZ	1,144	2,363	2,622	2,872	.19	12.19	9.53	3,317	5,326	5,838	6,317	168	195
Tulsa, OK	1,922	3,608	4,029	4,501	.30	11.22	11.72	3,544	6,147	6,716	7,383	124	71
Tuscaloosa, AL	292	573	627	705	.05	11.65	12.44	2,508	4,686	5,063	5,693	264	243
Tyler, TX	313	606	708	809	.05	12.60	14.27	3,284	5,650	6,446	7,261	172	83
Utica-Rome, NY	1,167	1,741	1,850	1,986	.13	6.87	7.35	3,424	5,198	5,564	6,077	145	21
Vallejo-Fairfield-Napa, CA	914	1,682	1,840	2,065	.14	10.73	12.23	3,731	6,038	6,452	7,028	85	111
Vineland-Millville-Bridgeton, NJ	414	695	763	832	.05	9.12	9.04	3,432	5,269	5,763	6,361	143	188
Waco, TX	470	815	928	1,030	.07	10.30	10.99	3,122	5,277	5,854	6,377	206	186
Washington, DC-MD-VA	13,015	23,456	25,847	28,227	1.86	10.16	9.21	4,558	7,740	8,521	9,306	9	5
Waterloo-Cedar Falls, IA	447	805	861	999	.07	10.58	16.03	3,412	5,997	6,360	7,304	147	79
West Palm Beach-Boca Raton, FL	1,359	3,051	3,340	3,757	.25	13.55	12.49	4,035	6,653	7,165	7,878	37	32
Wheeling, WV-OH	589	996	1,122	1,250	.08	9.86	11.41	3,246	5,485	6,153	6,892	175	127
Wichita, KS	1,418	2,411	2,677	2,929	.19	9.49	9.41	3,642	6,253	6,843	7,418	107	66
Wichita Falls, TX	463	762	880	979	.06	9.81	11.25	3,557	5,936	6,666	7,436	122	65
Williamsport, PA	366	599	656	716	.05	8.75	9.15	3,244	5,193	5,703	6,326	176	194
Wilmington, DE-NJ-MD	2,156	3,429	3,752	4,087	.27	8.32	8.93	4,380	6,603	7,240	7,918	16	27
Wilmington, NC	302	595	666	732	.05	11.70	9.91	2,872	4,635	5,173	5,615	239	247
Worcester-Fitchburg-Leominster, MA	2,352	3,657	3,973	4,338	.29	7.95	9.19	3,708	5,642	6,180	6,742	89	148
Yakima, WA	451	871	947	1,032	.07	10.90	8.98	3,186	5,615	6,039	6,587	190	162
York, PA	1,193	1,949	2,153	2,378	.16	9.00	10.45	3,662	5,614	6,169	6,760	99	147
Youngstown-Warren, OH	1,970	3,097	3,442	3,804	.25	8.57	10.52	3,700	5,771	6,370	7,037	91	108

1. Detail may not add to higher levels because of rounding.
 2. The personal income level shown for the United States differs from that in the national accounts because it omits

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in state 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in state 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
United States	738,233	1,373,153	1,519,893	10.7	3,667	6,396	7,026	-----									
Alabama	9,272	18,732	20,785	11.0	2,695	5,128	5,633	-----	Matanuska-Susitna	22	114	128	12.3	3,474	8,542	9,032	17
Sum of SMSA counties	6,242	12,625	14,047	11.3	2,971	5,598	6,156	-----	Nome	15	47	46	-2.1	2,575	6,692	6,585	23
Sum of non-SMSA counties	3,031	6,107	6,738	10.3	2,263	4,369	4,786	-----	Outer Ketchikan	5	13	14	7.7	2,823	7,062	7,216	20
Autauga	61	132	143	8.3	2,434	4,620	4,935	29	Prince of Wales	8	18	22	22.2	4,031	5,866	7,374	19
Baldwin	150	362	392	8.3	2,628	5,203	5,491	15	Seward	8	28	29	3.6	3,564	9,030	9,630	11
Barbour	50	102	113	10.8	2,096	3,982	4,558	40	Sitka	26	76	82	7.9	4,409	10,337	11,717	4
Bibb	28	60	67	11.7	1,893	4,224	4,533	43	Skagway								
Blount	59	124	131	5.6	2,240	3,873	3,928	59	Yakutat	8	19	20	5.3	3,641	6,499	7,432	18
Bullock	22	47	52	10.6	1,735	4,070	4,510	45	Southeast Fairbanks	13	89	38	-57.3	3,200	16,643	7,157	21
Butler	45	83	89	7.2	1,997	3,783	4,204	55	Upper Yukon	7	20	19	-5.0	5,428	12,462	12,078	2
Calhoun	299	557	616	10.6	2,901	4,961	5,486	16	Valdez-Chitina								
Chambers	92	184	201	9.2	2,422	4,977	5,403	17	Whittier	11	173	113	-34.7	3,591	21,544	13,856	1
Cherokee	36	75	79	5.3	2,290	4,146	4,455	47	Wade Hampton	5	18	14	-22.2	1,360	3,712	2,995	29
Chilton	56	117	129	10.3	2,100	4,132	4,541	41	Wrangell-Petersburg	19	49	52	6.1	3,797	7,986	9,252	14
Choctaw	29	62	68	9.7	1,563	3,524	3,693	64	Yukon-Koyukuk	13	54	54		2,753	9,084	9,308	12
Clarke	58	110	124	12.7	2,050	3,979	4,444	48	Arizona	5,751	13,339	14,969	12.2	3,311	5,931	6,520	-----
Clay	28	51	57	11.8	2,110	3,837	4,300	52	Sum of SMSA counties	4,549	10,493	11,865	13.1	3,524	6,272	6,946	-----
Cleburne	25	48	53	10.4	2,292	4,089	4,537	42	Sum of non-SMSA counties	1,202	2,447	3,104	9.0	2,695	4,939	5,282	-----
Coffee	90	173	202	16.8	2,483	4,828	5,596	12	Apache	65	152	172	13.2	1,891	3,527	3,917	14
Colbert	132	266	297	11.7	2,598	5,379	5,877	4	Cochise	181	371	406	9.4	2,988	4,950	5,384	9
Conecuh	29	55	61	10.9	1,761	3,519	3,978	58	Cocoino	128	312	347	11.2	2,654	4,945	5,234	10
Coosa	21	43	48	11.6	1,944	3,948	4,217	54	Gila	71	166	192	15.7	2,464	4,991	5,833	5
Covington	84	154	175	13.6	2,392	4,393	5,023	25	Graham	36	83	90	8.4	2,231	4,133	4,456	13
Crenshaw	26	50	55	10.0	1,906	3,561	3,896	60	Greenlee	33	72	72		3,278	6,287	6,586	2
Cullman	127	273	301	10.3	2,444	4,642	5,056	23	Maricopa	3,405	7,871	8,993	14.3	3,599	6,432	7,174	1
Dale	146	182	196	7.7	2,932	4,145	4,528	44	Mohave	81	202	233	15.3	3,295	5,058	5,778	6
Dallas	135	257	262	1.9	2,397	4,576	4,671	36	Navajo	96	251	297	18.3	2,063	4,106	4,837	12
De Kalb	94	199	216	8.5	2,199	4,054	4,357	49	Pima	1,144	2,622	2,827	9.5	3,317	5,838	6,317	3
Elmore	78	178	195	9.6	2,357	4,471	4,788	30	Pinal	191	464	437	-5.8	2,858	5,377	4,948	11
Escambia	80	161	182	13.0	2,321	4,453	5,044	24	Santa Cruz	37	92	102	10.9	2,713	5,199	5,683	7
Etowah	259	480	551	14.8	2,818	5,000	5,674	11	Yavapai	108	296	343	15.9	3,016	5,546	6,090	4
Fayette	35	80	87	8.8	2,069	4,812	5,292	19	Yuma	174	385	413	7.3	3,113	5,356	5,608	8
Franklin	55	112	126	12.5	2,356	4,251	4,692	35	Arkansas	4,914	10,477	11,839	13.0	2,569	4,949	5,522	-----
Geneva	52	103	111	7.8	2,543	4,359	4,641	38	Sum of SMSA counties	2,175	4,578	5,142	12.3	3,002	5,620	6,220	-----
Greene	16	34	36	5.9	1,209	3,212	3,510	66	Sum of non-SMSA counties	2,740	5,899	6,698	13.5	2,305	4,530	5,084	-----
Hale	27	52	56	7.7	1,433	3,369	3,656	65	Arkansas	70	137	159	16.1	2,978	5,714	6,826	2
Henry	28	69	77	11.6	1,974	4,593	5,069	22	Ashley	58	119	138	16.0	2,338	4,636	5,311	19
Houston	154	367	407	10.9	2,743	5,274	5,855	5	Baxter	42	123	136	10.6	2,864	5,272	5,413	19
Jackson	88	247	267	8.1	2,331	5,259	5,509	14	Benton	133	349	397	13.8	2,707	5,716	6,252	5
Jefferson	2,133	4,211	4,651	10.4	3,396	6,477	7,140	1	Boone	51	121	136	12.4	2,712	5,224	5,712	13
Lamar	30	67	79	17.9	1,978	4,306	5,073	21	Bradley	29	60	67	11.7	2,241	4,644	5,231	27
Lauderdale	183	385	432	12.2	2,719	5,186	5,715	8	Calhoun	12	22	24	9.1	2,089	4,029	4,595	53
Lawrence	53	112	122	8.9	1,936	3,925	4,198	56	Carroll	32	70	77	10.0	2,597	4,802	5,275	24
Lee	147	306	352	15.0	2,624	4,446	5,023	26	Chicot	33	66	78	18.2	1,816	3,757	4,585	54
Limestone	91	181	202	11.6	2,195	4,170	4,645	37	Clark	48	97	111	14.4	2,231	4,457	5,093	29
Lowndes	21	52	52		1,423	3,910	3,817	63	Clay	42	77	88	14.3	2,206	3,776	4,383	60
Macon	51	97	108	11.3	1,975	3,700	4,027	57	Cleburne	21	63	68	7.9	2,075	4,313	4,361	61
Madison	632	1,089	1,214	11.5	3,465	5,888	6,504	3	Cleveland	13	28	31	10.7	1,969	4,164	4,465	58
Marengo	50	99	102	3.0	1,807	4,154	4,312	51	Columbia	63	124	139	12.1	2,403	4,801	5,359	20
Marion	53	114	126	10.5	2,211	4,266	4,722	33	Conway	40	81	90	11.1	2,425	4,447	4,929	39
Marshall	136	287	313	9.1	2,462	4,825	5,183	20	Craighead	133	295	340	15.3	2,564	4,951	5,606	15
Mobile	863	1,833	2,056	12.2	2,715	5,323	5,812	6	Crawford	55	135	155	14.8	2,180	4,316	4,677	50
Monroe	43	84	96	14.3	1,949	3,844	4,330	50	Crittenden	105	208	236	13.5	2,185	4,133	4,677	49
Montgomery	543	1,099	1,226	11.6	3,320	5,983	6,640	2	Cross	44	82	98	19.5	2,221	4,044	4,872	41
Morgan	222	437	488	11.7	3,000	5,204	5,764	67	Dallas	21	45	50	11.1	2,115	4,393	4,883	40
Perry	27	46	48	4.3	1,492	3,387	3,503	67	Desha	41	89	107	20.2	2,145	5,049	6,052	8
Pickens	40	84	94	11.9	1,945	3,989	4,467	46	Drew	30	70	81	15.7	2,002	4,859	5,002	34
Pike	57	117	130	11.1	2,314	4,447	5,004	27	Faulkner	73	172	197	14.5	2,376	4,500	4,948	35
Randolph	39	82	89	8.5	2,053	4,374	4,756	32	Franklin	25	58	65	12.1	2,248	4,555	4,977	37
Russell	101	197	218	10.7	2,179	4,224	4,639	39	Fulton	13	32	35	9.4	1,717	3,448	3,768	71
St. Clair	63	153	170	11.1	2,280	4,482	4,715	34	Garland	158	348	392	12.6	2,954	5,526	6,069	7
Shelby	92	253	290	14.6	2,566	5,086	5,562	13	Grant	25	56	62	10.7	2,575	4,608	4,984	36
Sumter	29	60	64	6.7	1,638	3,630	3,847	61	Greene	55	128	145	13.3	2,215	4,392	4,768	46
Talladega	166	312	344	10.3	2,475	4,622	4,989	28	Hempstead	45	97	107	10.3	2,315	4,718	5,087	30
Tallahassee	89	170	189	11.2	2,523	4,763	5,313	18	Hot Spring	59	118	137	16.1	2,672	4,899	5,704	17
Tuscaloosa	292	627	705	12.4	2,508	5,063	5,693	10	Howard	28	64	73	14.1	2,478	4,896	5,507	25
Walker	132	334	374	12.0	2,319	5,167	5,701										

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Prairie	22	50	60	20.0	2,131	4,770	5,888	11	Costilla	4	12	13	8.3	1,368	3,680	3,947	58
Pulaski	989	2,048	2,278	11.2	3,492	6,372	7,019	1	Crowley	8	17	15	-11.8	2,498	5,532	4,880	47
Randolph	24	61	69	13.1	1,938	3,766	4,159	66	Custer	3	5	6	20.0	2,483	3,794	4,847	48
St. Francis	66	122	139	13.9	2,129	3,889	4,436	59	Delta	36	87	98	12.6	2,337	4,685	5,162	44
Saline	96	211	236	11.8	2,698	4,862	5,286	23	Denver	2,140	3,857	4,281	11.0	4,187	7,963	8,990	2
Scott	16	35	39	11.4	1,944	3,916	4,297	64	Dolores	4	6	7	16.7	2,696	3,848	4,506	54
Searcy	12	26	28	7.7	1,492	3,060	3,328	74	Douglas	30	113	138	22.1	3,751	6,701	7,260	11
Sebastian	249	522	594	13.8	3,182	5,983	6,660	4	Eagle	22	67	77	14.9	3,175	5,849	6,371	21
Sevier	25	58	62	6.9	2,229	4,686	5,168	28	Elbert	11	21	26	23.8	2,734	3,568	4,318	57
Sharp	18	48	55	14.6	2,183	4,215	4,596	52	El Paso	785	1,622	1,769	9.1	3,433	5,821	6,271	22
Stone	10	26	28	7.7	1,417	3,153	3,400	73	Fremont	56	130	145	11.5	2,594	4,961	5,535	38
Union	144	271	305	12.5	3,127	6,014	6,705	3	Garfield	45	115	127	10.4	3,130	6,236	6,665	16
Van Buren	15	39	45	15.4	1,796	3,792	4,121	68	Gilpin	3	8	9	12.5	2,207	4,253	4,503	55
Washington	202	437	487	11.4	2,685	4,865	5,331	21	Grand	12	40	40	—	2,983	6,333	6,530	18
White	85	199	223	12.1	2,188	4,293	4,818	44	Gunnison	13	37	41	10.8	2,372	4,266	4,752	51
Woodruff	26	56	67	19.6	2,233	5,154	6,162	6	Hinsdale	(*)	1	2	100.0	1,618	2,738	3,267	62
Yell	32	72	79	9.7	2,287	4,370	4,762	47	Huerfano	13	26	29	11.5	1,869	3,914	4,458	56
California	82,828	155,369	173,171	11.5	4,202	7,219	7,909	—	Jackson	2	9	10	11.1	1,112	5,084	5,771	33
Sum of SMSA counties	78,503	146,137	162,955	11.5	4,266	7,323	8,032	—	Jefferson	916	2,273	2,586	13.8	3,972	7,030	7,709	8
Sum of non-SMSA counties	4,325	9,232	10,216	10.7	3,301	5,898	6,354	—	Kiowa	11	7	15	114.3	5,401	3,405	7,780	6
Alameda	4,593	8,138	8,950	10.0	4,333	7,417	8,121	8	Kit Carson	28	41	44	7.3	3,749	5,267	5,724	35
Alpine	1	4	4	—	3,638	4,889	4,374	58	Lake	24	55	64	16.4	2,939	6,547	7,723	7
Amador	39	91	104	14.3	3,513	5,959	6,395	37	La Plata	50	117	134	14.5	2,589	4,895	5,447	40
Butte	318	700	805	15.0	3,144	5,629	6,238	39	Larimer	251	673	767	14.0	3,084	5,638	6,137	28
Calaveras	41	81	93	14.8	3,075	5,091	5,489	54	Las Animas	36	72	74	2.8	2,807	4,464	4,682	52
Colusa	68	109	140	28.4	5,481	8,473	10,884	1	Lincoln	15	21	27	28.6	3,196	4,385	5,738	34
Contra Costa	2,482	4,800	5,326	11.0	4,543	8,017	8,688	5	Logan	60	115	123	7.0	3,119	5,829	6,157	27
Del Norte	49	94	106	12.8	3,412	5,900	6,541	33	Mesa	154	363	418	15.2	2,848	5,546	6,207	24
El Dorado	157	373	422	13.1	3,648	5,848	6,157	41	Mineral	2	5	5	—	2,813	6,288	6,398	20
Fresno	1,339	3,059	3,288	7.5	3,279	6,614	6,968	20	Moffat	20	59	77	30.5	3,122	5,955	7,331	9
Glenn	66	118	145	22.9	3,838	5,966	7,172	16	Montezuma	31	71	80	12.7	2,474	4,770	5,310	43
Humboldt	343	648	715	10.3	3,466	6,119	6,701	27	Montrose	46	102	114	11.8	2,501	4,795	5,129	45
Imperial	292	525	488	-7.0	3,965	6,062	5,523	53	Morgan	62	132	133	.8	3,179	6,196	6,169	26
Inyo	51	107	107	8.1	3,320	5,669	6,014	45	Otero	61	127	132	3.9	2,622	5,231	5,560	37
Kern	1,080	2,341	2,493	6.5	3,319	6,579	6,868	22	Ouray	5	9	10	11.1	2,947	4,800	5,413	42
Kings	185	417	422	1.2	2,812	5,946	5,928	47	Park	4	12	16	33.3	2,111	3,080	3,495	60
Lake	62	141	160	13.5	3,272	5,184	5,559	52	Phillips	16	33	42	27.3	3,748	7,462	9,417	1
Lassen	55	107	116	8.4	3,289	5,736	5,973	46	Pitkin	27	80	89	11.3	4,642	8,198	8,688	3
Los Angeles	31,419	53,334	59,267	11.1	4,495	7,615	8,429	7	Prowers	39	63	66	4.8	3,038	4,589	4,815	50
Madera	125	304	340	11.8	3,032	6,285	6,699	28	Pueblo	353	746	817	9.5	3,004	6,005	6,654	17
Marin	1,137	2,041	2,257	10.6	5,585	9,215	10,085	3	Rio Blanco	16	29	37	27.6	3,312	5,711	7,298	10
Mariposa	21	44	49	11.4	3,610	5,052	5,379	56	Rio Grande	22	52	54	3.8	2,088	4,796	5,081	46
Mendocino	167	365	413	13.2	3,355	6,180	6,787	24	Routt	19	64	74	15.6	2,922	6,301	6,906	15
Merced	332	796	891	11.9	3,278	6,458	7,167	17	Saguache	6	12	14	16.7	1,570	3,072	3,415	61
Modoc	26	57	58	1.8	3,560	6,973	6,776	25	San Juan	2	4	5	25.0	1,948	4,886	5,840	32
Mono	12	39	40	2.6	3,165	5,394	5,285	55	San Miguel	4	8	9	12.5	1,993	3,478	3,676	59
Monterey	1,901	1,940	2,150	10.8	3,924	7,143	7,821	11	Sedgwick	14	24	24	—	3,846	7,229	7,123	13
Napa	320	633	708	11.8	4,172	6,926	7,712	13	Summit	6	34	41	20.6	2,254	5,713	6,456	19
Nevada	82	198	225	13.6	3,242	5,383	5,719	50	Teller	9	30	35	16.7	2,944	5,002	5,582	36
Orange	5,967	12,777	14,616	14.4	4,334	7,278	8,116	9	Washington	19	26	30	15.4	3,345	4,531	5,423	41
Placer	264	583	655	12.3	3,488	6,076	6,500	35	Weld	252	637	644	1.1	2,920	5,909	5,841	31
Plumas	43	83	91	9.6	3,689	5,852	6,147	42	Yuma	29	51	57	11.8	3,320	5,686	5,957	30
Riverside	1,575	3,291	3,704	12.5	3,497	6,056	6,496	36	Connecticut	13,926	22,683	25,036	10.4	4,642	7,312	8,055	—
Sacramento	2,364	4,679	5,227	11.7	3,821	6,634	7,239	15	Sum of SMSA counties	12,973	21,100	23,275	10.3	4,676	7,381	8,130	—
San Benito	69	113	141	24.8	3,796	5,541	6,663	30	Sum of non-SMSA counties	953	1,583	1,761	11.2	4,225	6,494	7,178	—
San Bernardino	2,211	4,163	4,676	12.3	3,292	5,887	6,358	38	Fairfield	4,356	7,030	7,809	11.1	5,578	8,785	9,676	1
San Diego	5,221	10,620	11,899	12.0	3,893	6,570	7,070	18	Hartford	3,712	5,896	6,477	9.9	4,590	7,213	7,945	2
San Francisco	3,869	6,400	6,998	9.3	5,328	9,644	10,694	2	Litchfield	650	1,083	1,207	11.4	4,575	7,071	7,794	3
San Joaquin	1,054	2,066	2,298	11.2	3,700	6,766	7,380	14	Middlesex	485	859	937	9.1	4,326	6,859	7,408	5
San Luis Obispo	318	747	828	10.8	3,098	5,678	6,104	44	New Haven	3,184	5,120	5,625	9.9	4,262	6,742	7,413	4
San Mateo	2,932	5,360	5,935	10.7	5,309	9,176	10,080	4	New London	853	1,520	1,692	11.3	3,782	6,230	6,909	6
Santa Barbara	1,040	1,984	2,227	12.2	3,970	6,979	7,748	12	Tolland	384	675	735	8.9	3,820	6,014	6,659	7
Santa Clara	4,544	9,307	10,508	12.9	4,397	7,792	8,632	6	Windham	303	500	554	10.8	3,631	5,519	6,124	8
Santa Cruz	447	978	1,113	13.8	3,659	6,000	6,577	31	Delaware	2,305	4,144	4,492	8.4	4,268	7,122	7,724	—
Shasta	254	567	638	12.5	3,324	5,963	6,510	34	Sum of SMSA counties	1,757	3,061	3,333	8.9	4,628	7,645	8,380	—
Sierra	8	17	17	—	3,317	5,705	5,585	51	Sum of non-SMSA counties	547	1,083	1,159	7.0	3,415	5,970	6,303	—
Siskiyou	116	224	240	7.1	3,504	6,212	6,555	32	Kent	257	514	557	8.4	3,190	5,599	5,942	3
Solano	594	1,207	1,357	12.4	3,530	6,229	6,716	26	New Castle	1,751	3,061	3,333	8.9	4,628	7,645	8,380	1
Sonoma	738	1,591	1,789	12.4	3,672	6,233	6,798	23	Sussex	290	569	602	5.8	3,643	6,350	6,679	2
Stanislaus	660	1,434	1,660	15.8	3,453	6,226	7,033	19	District of Columbia	3,301	5,651	6,200	9.7	4,333	8,071	8,984	—
Sutter	152	315	378	20.0	3,646	6,643	7,876	10	Sum of SMSA counties	3,301	5,651	6,200	9.7	4,333	8,071	8,984	—
Tehama	97	182	209	14.8	3,339	5,519	6,168	40	Washington	3,301	5,651	6,200	9.7	4,333	8,071	8,984	1
Trinity	22	50	56	12.0	2,977	4,982	5,238	57	Florida	22,824	50,960	56,603	11.1</				

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Columbia	66	141	157	11.3	2,647	4,808	5,275	34	Coffee	55	106	111	4.7	2,451	4,205	4,468	89
Dade	5,011	10,114	11,177	10.5	4,010	7,031	7,755	4	Colquitt	82	146	155	6.2	2,542	4,330	4,536	80
De Soto	33	80	89	11.3	2,554	4,721	5,174	35	Columbia	55	138	155	12.3	2,538	4,462	4,858	63
Dixie	10	22	24	9.1	1,917	3,380	3,717	64	Cook	31	58	63	8.6	2,544	4,724	5,163	42
Duval	1,734	3,482	3,809	9.4	3,275	6,257	6,852	12	Coweta	93	195	218	11.8	2,914	5,322	5,935	16
Escambia	588	1,134	1,240	9.3	2,906	5,007	5,493	28	Crawford	12	20	21	5.0	2,099	3,065	3,155	158
Flagler	10	35	39	11.4	2,293	4,621	4,842	41	Crisp	40	84	85	1.2	2,190	4,350	4,499	84
Franklin	11	24	26	8.3	1,542	3,135	3,332	67	Dade	22	45	50	11.1	2,194	3,939	4,314	103
Gadsden	82	156	163	4.5	2,083	4,222	4,492	47	Dawson	10	19	21	10.5	2,671	4,139	4,410	98
Gilchrist	9	22	25	13.6	2,464	4,325	4,698	42	Decatur	46	109	118	8.3	2,035	4,417	4,807	67
Glades	9	22	21	-4.5	2,505	4,292	3,923	62	De Kalb	1,765	3,458	3,885	12.3	4,312	7,633	8,520	1
Gulf	24	52	56	7.7	2,443	5,011	5,325	30	Dodge	35	66	69	4.5	2,167	3,939	4,138	113
Hamilton	15	30	36	20.0	1,933	3,523	4,165	57	Dooley	23	43	39	-9.3	2,185	3,960	3,552	146
Hardee	43	80	89	11.3	2,908	4,843	5,305	33	Dougherty	226	460	511	11.1	2,578	4,946	5,325	34
Hendry	55	116	114	-1.7	4,777	7,639	7,278	7	Douglas	82	234	261	11.5	3,027	5,068	5,564	30
Hernando	40	138	159	15.2	2,444	4,691	4,970	39	Early	26	48	45	-6.3	1,987	3,642	3,410	152
Highlands	87	193	213	10.4	3,030	4,812	5,357	29	Echols	4	8	8		2,156	3,595	3,750	140
Hillsborough	1,499	3,280	3,584	9.3	3,099	5,640	6,145	17	Effingham	36	69	76	10.1	2,733	4,330	4,440	95
Holmes	20	49	51	4.1	1,822	3,696	3,755	63	Elbert	44	87	95	9.2	2,523	4,835	5,174	41
Indian River	116	307	345	12.4	3,297	6,749	7,311	6	Emanuel	38	76	81	6.6	2,041	3,765	3,975	124
Jackson	75	167	176	5.4	2,173	4,455	4,684	43	Evans	16	36	37	2.8	2,170	4,340	4,496	85
Jefferson	17	40	41	2.5	1,945	4,040	4,243	54	Fannin	27	54	57	5.6	2,076	3,737	3,855	132
Lafayette	6	14	15	7.1	2,096	4,258	4,196	56	Fayette	35	106	125	17.9	3,252	5,506	5,902	17
Lake	228	494	552	11.7	3,350	5,532	5,997	18	Floyd	229	440	482	9.5	3,141	5,633	6,058	12
Lee	334	914	1,048	14.7	3,361	5,729	6,336	15	Forsyth	46	102	114	11.8	2,832	4,569	5,016	49
Leon	274	670	736	9.9	2,750	5,235	5,699	22	Franklin	31	61	66	8.2	2,401	4,427	4,663	71
Levy	29	64	73	14.1	2,372	3,854	4,426	50	Fulton	2,453	4,208	4,662	10.8	3,999	7,379	8,206	2
Liberty	7	13	14	7.7	1,968	3,363	3,669	65	Gilmer	21	46	51	10.9	2,326	4,400	4,391	100
Madison	28	58	63	8.6	2,089	3,925	4,311	52	Glascok	6	11	13	18.2	2,498	4,718	4,961	56
Manatee	290	706	796	12.7	3,081	5,705	6,350	14	Glynn	152	285	321	12.6	3,030	5,818	6,523	7
Marion	180	473	526	11.2	2,646	4,713	5,157	36	Gordon	66	137	147	7.3	2,805	4,947	5,314	35
Martin	94	295	334	13.2	3,475	6,311	6,991	9	Grady	39	77	81	5.2	2,179	4,034	4,075	120
Monroe	157	308	343	11.4	2,986	6,142	6,957	11	Greene	21	41	46	12.2	2,007	3,879	4,244	107
Nassau	51	127	137	7.9	2,521	4,242	4,482	48	Gwinnett	217	660	765	15.9	3,143	5,469	5,964	15
Ocala	241	506	571	12.8	2,858	4,911	5,497	27	Habersham	48	101	111	9.9	2,314	4,268	4,581	74
Okechobee	27	67	74	10.4	2,411	3,802	4,113	59	Hall	176	385	407	11.5	3,021	5,410	5,882	19
Orange	1,179	2,670	2,929	9.7	3,503	6,496	7,093	8	Hancock	16	31	34	9.7	1,775	3,332	3,741	141
Osceola	64	167	189	13.2	2,642	4,449	5,004	38	Haralson	48	88	96	9.1	3,088	4,974	5,409	32
Palm Beach	1,359	3,340	3,757	12.5	4,035	7,165	7,878	2	Harris	27	59	67	13.6	2,277	4,785	5,288	36
Pasco	173	605	692	14.4	2,415	4,415	4,885	40	Hart	39	77	84	9.1	2,425	4,643	5,042	47
Pinellas	1,807	4,112	4,567	11.1	3,538	6,364	6,966	10	Heard	12	32	34	6.3	2,142	5,416	5,275	38
Polk	693	1,494	1,654	10.7	3,053	5,425	5,972	20	Henry	64	153	172	12.4	2,757	5,285	5,863	20
Putnam	85	194	206	6.2	2,389	4,380	4,576	45	Houston	193	396	435	9.8	3,162	5,424	5,883	18
St. Johns	99	212	234	10.4	3,212	5,338	5,689	23	Irwin	18	33	33		2,307	3,882	3,879	131
St. Lucie	147	352	393	11.6	2,963	5,085	5,576	25	Jackson	55	106	117	10.4	2,613	4,490	4,933	55
Santa Rosa	106	227	250	10.1	2,858	4,714	5,139	37	Jasper	15	35	38	8.6	2,548	5,125	5,596	27
Sarasota	492	1,216	1,375	13.1	4,277	7,481	8,249	1	Jeff Davis	25	54	56	3.7	2,726	4,987	5,114	44
Seminole	235	672	757	12.6	2,888	4,877	5,320	31	Jefferson	36	70	75	7.1	2,109	4,188	4,476	88
Sumter	30	82	91	11.0	2,019	3,963	4,373	51	Jenkins	16	31	31		1,907	3,776	3,786	137
Suwannee	36	85	90	5.9	2,325	4,468	4,564	46	Johnson	15	31	33	6.5	1,908	4,008	4,061	121
Taylor	34	72	81	12.5	2,524	5,058	5,680	24	Jones	26	55	61	10.9	2,143	3,650	3,828	133
Union	11	34	36	5.9	1,392	3,226	3,529	66	Lamar	26	47	52	10.6	2,421	4,014	4,407	99
Volusia	524	1,158	1,281	10.6	3,141	5,526	5,935	19	Lanier	11	20	22	10.0	2,197	3,909	4,102	117
Wakulla	13	34	37	8.8	2,033	3,764	4,026	61	Laurens	76	155	165	6.5	2,336	4,528	4,775	68
Walton	30	72	78	8.3	1,884	4,056	4,207	55	Lee	15	35	34	-2.9	2,213	3,601	3,431	149
Washington	22	54	57	5.6	1,922	4,156	4,077	60	Liberty	36	121	168	38.8	2,125	5,075	6,120	11
Lincoln	12	25	27	8.0	2,015	4,031	4,433	96	Long	7	15	16	6.7	1,841	4,250	4,221	108
Lowndes	158	293	325	10.9	2,876	4,696	5,024	48	Lumpkin	20	35	39	11.4	2,313	3,693	4,015	122
Lumpkin	20	35	39	11.4	2,313	3,693	4,015	122	McDuffie	37	79	88	11.4	2,518	4,558	5,015	50
McDuffie	37	79	88	11.4	2,518	4,558	5,015	50	McIntosh	11	27	27	12.5	1,553	2,872	3,238	155
McIntosh	11	27	27	12.5	1,553	2,872	3,238	155	Macon	25	52	52		1,907	4,005	4,082	119
Macon	25	52	52		1,907	4,005	4,082	119	Madison	32	67	75	11.9	2,418	4,268	4,703	70
Madison	32	67	75	11.9	2,418	4,268	4,703	70	Marion	11	20	22	10.0	2,187	3,658	3,702	143
Marion	11	20	22	10.0	2,187	3,658	3,702	143	Meriwether	43	80	87	8.8	2,215	3,876	4,125	116
Meriwether	43	80	87	8.8	2,215	3,876	4,125	116	Miller	13	27	28	-11.1	2,077	4,335	3,929	127
Miller	13	27	28	-11.1	2,077	4,335	3,929	127	Mitchell	43	82	86	4.9	2,247	4,297	4,463	90
Mitchell	43	82	86	4.9	2,247	4,297	4,463	90	Monroe	27	55	64	16.4	2,436	4,614	5,200	39
Monroe	27	55	64	16.4	2,436	4,614	5,200	39	Montgomery	13	27	29	7.4	1,967	4,290	4,478	87
Montgomery	13	27	29	7.4	1,967	4,290	4,478	87	Morgan	24	52	57	9.6	2,450	4,915	5,586	29
Morgan	24	52	57	9.6	2,450	4,915	5,586	29	Murray	31	77	86	11.7	2,444	4,686	5,084	45
Murray	31	77	86	11.7	2,444	4,686	5,084	45	Newton	70	152	170	11.8	2,703	4,689	5,196	40
Newton	70	152	170	11.8	2,703	4,689	5,196	40	Oconee	20	41	45	9.8	2,512	4,304	4,541	79
Oconee	20	41	45	9.8	2,512	4,304	4,541	79	Oglethorpe	16	31	35	12.9	2,057	3,897	4,161	112
Oglethorpe	16	31	35	12.9	2,057	3,897	4,161	112	Paulding	41	98	113	15.3	2,419	4,392	4,774	69
Paulding	41	98	113	15.3	2,419	4,392	4,774	69	Peach	39	86	95	10.5	2,443	4,646	4,965	53
Peach	39	86	95	10.5	2,443	4,646	4,965	53	Pickens	24	47	53	12.8	2,547	4,378	4,809	66
Pickens	24	47	53	12.8	2,547	4,378	4,809	66	Pierce	23	43	47</					

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Stewart.....	12	21	21		1,809	3,722	3,820	135	Sum of non-SMSA counties	6,711	12,694	13,981	10.1	3,263	6,063	6,656	
Sumter.....	69	119	126	5.9	2,560	4,322	4,548	78	Adams.....	247	451	490	8.6	3,485	6,493	7,071	39
Talbot.....	11	21	23	9.5	1,667	3,200	3,524	147	Alexander.....	28	53	57	7.5	2,237	4,360	4,761	100
Taliaferro.....	5	9	9		1,976	4,007	4,460	92	Bond.....	41	80	89	11.3	2,907	5,439	6,022	73
Tattnall.....	32	68	73	7.4	1,916	4,013	4,255	106	Boone.....	100	186	205	10.2	4,020	7,043	7,740	18
Taylor.....	17	31	33	6.5	2,116	3,900	4,297	104	Brown.....	15	27	31	14.8	2,703	4,875	5,605	87
Telfair.....	25	48	54	12.5	2,217	4,291	4,564	75	Bureau.....	138	246	275	11.8	3,581	6,685	7,423	28
Terrell.....	25	43	41	-4.7	2,240	3,799	3,707	142	Calhoun.....	14	30	33	10.0	2,526	5,337	5,758	83
Thomas.....	90	167	187	12.0	2,552	4,479	4,956	57	Carroll.....	69	98	107	9.2	3,577	5,255	5,744	85
Tift.....	63	127	138	8.7	2,304	4,083	4,369	101	Cass.....	49	88	97	10.2	3,434	6,264	6,897	48
Toombs.....	43	93	99	6.5	2,258	4,358	4,581	73	Champaign.....	548	984	1,069	8.6	3,411	5,968	6,346	60
Towns.....	8	17	19	11.8	1,789	3,529	3,764	138	Christian.....	130	251	280	11.6	3,597	6,833	7,613	21
Treutlen.....	10	21	22	4.8	1,693	3,416	3,577	145	Clark.....	53	89	97	9.0	3,271	5,534	5,901	79
Troup.....	129	251	275	9.6	2,879	5,516	6,018	13	Clay.....	38	73	81	11.0	2,552	4,852	5,396	91
Turner.....	20	37	36	-2.7	2,277	4,235	3,970	125	Clinton.....	85	162	177	9.3	3,033	5,370	5,747	84
Twiggs.....	14	28	30	7.1	1,665	3,471	3,635	144	Coles.....	146	286	315	10.1	3,079	5,729	6,326	61
Union.....	13	25	27	8.0	1,970	3,021	3,269	154	Cook.....	25,343	41,684	45,309	8.7	4,630	7,813	8,527	4
Upson.....	64	113	123	8.8	2,697	4,693	5,050	46	Crawford.....	62	124	134	8.1	3,117	6,215	6,649	53
Walker.....	153	285	307	7.7	2,965	5,251	5,701	24	Cumberland.....	25	47	51	8.5	2,574	4,608	4,965	98
Walton.....	58	131	148	13.0	2,490	4,472	4,921	58	De Kalb.....	239	403	444	10.2	3,436	5,648	6,152	67
Ware.....	95	177	192	8.5	2,790	4,946	5,330	33	De Witt.....	59	116	130	12.1	3,452	6,855	7,802	16
Warren.....	13	25	27	8.0	1,876	4,071	4,352	102	Douglas.....	66	140	157	12.1	3,454	7,265	8,116	9
Washington.....	39	80	87	8.8	2,223	4,686	5,125	43	Du Page.....	2,441	4,987	5,553	11.3	5,167	8,931	9,659	1
Wayne.....	42	86	93	8.1	2,373	4,462	4,864	62	Edgar.....	75	140	155	10.7	3,441	6,529	7,136	36
Webster.....	4	9	8	-11.1	1,743	4,058	3,187	157	Edwards.....	19	49	53	8.2	2,633	6,429	6,970	46
Wheeler.....	10	18	18		2,086	3,690	3,826	134	Efingham.....	69	169	186	10.1	2,792	5,985	6,397	58
White.....	17	32	36	12.5	2,231	3,677	3,969	126	Payette.....	52	99	109	10.1	2,436	4,772	5,250	94
Whitfield.....	175	343	386	12.5	3,296	5,732	6,306	10	Pord.....	64	119	131	10.1	3,904	7,906	8,775	2
Wilcox.....	15	28	27	-3.8	2,111	4,137	3,752	139	Franklin.....	107	230	254	10.4	2,778	5,546	6,072	71
Wilkes.....	25	46	52	13.0	2,449	4,503	5,015	51	Fulton.....	134	277	302	9.0	3,199	6,469	7,051	41
Wilkinson.....	20	42	48	14.3	2,165	4,268	4,839	65	Gallatin.....	20	39	44	12.8	2,617	5,510	5,778	81
Worth.....	31	60	58	-3.3	2,111	3,589	3,411	151	Greene.....	51	80	92	15.0	2,964	4,816	5,501	39
Columbus (Consolidated government).....	537	893	989	10.8	3,295	5,386	5,972	14	Grundy.....	107	204	224	9.8	4,085	7,212	7,849	15
Hawaii	3,099	6,256	6,797	8.6	4,170	7,188	7,704		Hamilton.....	20	42	48	14.3	2,279	4,954	5,424	90
Sum of SMSA counties	2,634	5,228	5,652	8.1	4,365	7,465	7,950		Hancock.....	69	126	142	12.7	2,907	5,559	6,110	68
Sum of non-SMSA counties	465	1,028	1,145	11.4	3,331	6,045	6,686		Hardin.....	10	24	26	8.3	2,026	4,681	5,137	95
Hawaii.....	207	448	490	9.4	3,285	5,760	6,266	4	Henderson.....	27	42	49	16.7	3,198	5,034	5,724	86
Honolulu.....	2,634	5,228	5,652	8.1	4,365	7,465	7,950	1	Henry.....	193	376	413	9.8	3,638	6,769	7,321	33
Kauai.....	101	200	228	14.0	3,368	5,894	6,738	3	Iroquois.....	119	220	248	12.7	3,544	6,588	7,431	27
Maui+Kalawao.....	156	379	428	12.9	3,371	6,514	7,209	2	Jackson.....	143	300	325	8.3	2,671	5,480	5,849	80
Idaho	2,115	4,713	5,143	9.1	2,992	5,659	5,998		Jasper.....	28	60	68	13.3	2,609	5,442	6,107	69
Sum of SMSA counties	401	983	1,115	13.4	3,632	7,062	7,656		Jefferson.....	88	194	213	9.8	2,772	5,606	5,992	75
Sum of non-SMSA counties	1,715	3,730	4,028	8.0	2,874	5,377	5,658		Jersey.....	56	105	113	7.6	3,059	5,391	5,766	82
Ada.....	401	983	1,115	13.4	3,632	7,062	7,656	1	Jo Daviess.....	61	109	120	10.1	2,783	4,884	5,282	93
Adams.....	10	19	20	5.3	3,357	6,065	5,987	12	Johnson.....	16	35	36	2.9	2,093	3,924	3,919	101
Bannock.....	151	360	400	11.1	2,932	6,108	6,497	6	Kane.....	1,014	1,956	2,140	9.4	4,107	7,288	7,873	14
Bear Lake.....	16	34	36	5.9	2,800	4,965	5,091	25	Kankakee.....	356	621	676	8.9	3,671	6,491	7,040	43
Benewah.....	17	39	42	7.7	2,799	5,319	5,612	19	Kendall.....	118	228	259	13.6	4,638	7,289	7,910	11
Bingham.....	78	152	158	3.9	2,704	4,531	4,487	41	Knox.....	214	411	448	9.0	3,489	6,751	7,378	30
Blaine.....	19	52	55	5.8	3,343	6,246	6,283	9	Lake.....	1,871	3,316	3,625	9.3	4,995	8,089	8,674	3
Boise.....	5	12	13	8.3	2,614	5,235	5,566	20	La Salle.....	422	734	803	9.4	3,777	6,719	7,382	29
Bonner.....	37	91	106	16.5	2,388	4,576	5,058	27	Lawrence.....	52	102	111	8.8	2,957	5,788	6,276	64
Bonneville.....	164	355	397	11.8	3,169	6,015	6,503	5	Lee.....	131	223	246	10.3	3,436	6,256	6,872	50
Boundary.....	15	34	38	11.8	2,790	5,242	5,887	14	Livingston.....	147	281	309	10.0	3,614	6,931	7,524	24
Butte.....	9	17	18	5.9	3,068	5,272	5,392	21	Logan.....	115	220	241	9.5	3,431	7,112	7,988	10
Camas.....	3	6	6		4,133	6,837	6,878	3	McDonough.....	93	180	200	11.1	2,575	4,517	5,057	97
Canyon.....	170	389	428	10.0	2,793	5,282	5,678	17	McHenry.....	469	920	1,027	11.6	4,301	7,144	7,711	19
Caribou.....	22	47	47		3,307	5,842	5,624	18	McLean.....	375	744	820	10.2	3,651	6,360	6,889	49
Cassia.....	50	96	96		2,963	5,055	4,982	30	Macon.....	482	898	979	9.0	3,867	7,135	7,664	20
Clark.....	3	5	5		4,509	5,500	5,090	26	Macoupin.....	139	271	300	10.7	3,113	5,883	6,472	56
Clearwater.....	34	53	56	5.7	3,147	5,490	5,742	15	Madison.....	959	1,661	1,816	9.3	3,848	6,713	7,362	31
Custer.....	7	14	15	7.1	2,470	4,321	4,623	38	Marion.....	120	240	262	9.2	3,076	5,965	6,357	59
Elmore.....	53	103	111	7.8	2,967	5,100	5,309	23	Marshall.....	48	83	92	10.8	3,582	6,184	6,817	52
Franklin.....	18	40	42	5.0	2,433	4,760	4,802	36	Mason.....	58	118	133	12.7	3,602	6,314	6,871	51
Fremont.....	23	45	45		2,642	4,348	4,312	42	Massac.....	34	69	75	8.7	2,458	4,904	5,132	96
Gem.....	24	52	57	9.6	2,593	4,885	5,159	24									

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Warren	77	138	157	13.8	3,533	6,482	7,452	26	Union	24	39	41	5.1	3,603	5,818	6,119	59
Washington	40	81	91	12.3	2,925	5,418	5,971	77	Vanderburgh	603	1,090	1,220	11.9	3,574	6,717	7,564	7
Wayne	46	93	104	11.8	2,674	5,388	5,902	78	Vermillion	48	91	97	6.6	2,847	5,358	5,635	72
White	53	99	111	12.1	3,007	5,877	6,578	55	Vigo	360	641	710	10.8	3,130	5,782	6,372	49
Whiteside	229	412	454	16.2	3,654	6,470	7,117	38	Wabash	118	214	232	8.4	3,342	6,059	6,471	44
Will	986	1,977	2,146	8.5	4,638	6,655	7,014	44	Warren	28	53	53	.....	3,190	6,315	6,511	40
Williamson	144	301	328	9.0	2,936	5,747	6,229	66	Warrick	90	207	242	16.9	3,276	5,939	6,610	36
Winnebago	979	1,667	1,825	9.5	4,019	6,884	7,567	22	Washington	53	92	99	7.6	2,768	4,544	4,910	87
Woodford	101	203	226	11.3	3,622	6,726	7,298	34	Wayne	286	444	484	9.0	3,631	5,795	6,304	52
Wells	81	169	183	8.3	3,440	6,840	7,501	11	White	77	155	164	5.8	3,681	7,044	7,358	14
White	77	155	164	5.8	3,681	7,044	7,358	14	Whitley	81	156	172	10.3	3,481	6,234	7,058	22
Whitley	81	156	172	10.3	3,481	6,234	7,058	22	Iowa	9,653	17,545	19,829	13.0	3,441	6,105	6,887	.....
Sum of SMSA counties	13,007	23,162	25,857	11.6	3,726	6,427	7,155	.....	Sum of SMSA counties	3,776	7,214	8,086	12.1	3,688	6,731	7,502	.....
Sum of non-SMSA counties	5,565	10,075	11,037	9.5	3,369	5,894	6,429	.....	Sum of non-SMSA counties	5,876	10,331	11,743	13.7	3,299	5,732	6,519	.....
Adams	87	178	196	10.1	3,251	6,518	7,077	21	Adair	29	56	63	12.5	3,151	5,945	6,772	39
Allen	1,075	1,920	2,158	12.4	3,912	6,686	7,526	10	Adams	19	31	36	16.1	3,037	5,215	6,071	68
Bartholomew	219	416	468	12.5	3,890	7,018	7,777	4	Allamakee	41	76	85	11.8	2,687	4,979	5,486	90
Benton	41	80	82	2.5	3,658	7,448	7,536	9	Appanoose	40	73	81	11.0	2,459	4,883	5,414	92
Blackford	51	96	96	6.7	3,226	5,700	6,087	61	Audubon	31	46	49	6.5	3,285	5,048	5,506	88
Boone	110	214	232	8.4	3,590	6,522	6,918	28	Benton	74	121	141	16.5	3,265	5,160	5,977	72
Brown	25	49	55	12.2	2,773	4,972	5,492	74	Black Hawk	447	861	999	16.0	3,412	6,360	7,304	12
Carroll	60	120	126	5.0	3,409	6,748	7,150	18	Boone	90	161	184	14.3	3,494	6,146	7,035	26
Cass	147	270	292	8.1	3,625	6,814	7,474	12	Bremser	73	129	147	14.0	3,265	5,377	6,128	65
Clark	267	456	508	11.4	3,576	5,370	5,920	66	Buchanan	63	121	140	15.7	3,027	5,948	6,286	61
Clay	75	140	153	9.3	3,120	5,710	6,274	55	Buena Vista	75	116	133	14.7	3,623	5,662	6,495	50
Clinton	108	211	224	6.2	3,537	6,900	7,310	15	Butler	51	91	106	16.5	3,073	5,317	6,135	64
Crawford	21	35	38	8.6	2,559	4,007	4,370	92	Calhoun	48	76	88	15.8	3,223	5,528	6,461	52
Davies	83	137	144	5.1	3,113	5,246	5,596	73	Carroll	74	121	136	12.4	3,205	5,218	5,838	76
Dearborn	94	162	184	13.6	2,212	5,141	5,688	71	Cass	55	102	118	15.7	3,178	6,076	7,088	21
Decatur	71	142	151	6.3	3,152	5,964	6,301	53	Cedar	61	103	123	19.4	3,449	5,835	6,947	32
De Kalb	108	200	221	10.5	3,529	6,270	7,017	24	Cerro Gordo	169	308	345	12.0	3,434	6,354	7,137	18
Delaware	424	702	783	11.5	3,328	5,443	6,098	60	Cherokee	61	97	107	10.3	3,524	5,931	6,613	44
Dubois	100	184	209	13.6	3,277	5,719	6,421	47	Chickasaw	41	77	89	15.6	2,813	5,030	5,820	78
Elkhart	511	892	1,007	12.9	4,100	6,782	7,551	8	Clarke	23	43	50	16.3	3,037	5,450	6,313	60
Fayette	88	164	178	8.5	3,363	5,984	6,454	45	Clay	64	122	138	13.1	3,480	6,415	7,259	14
Floyd	193	326	364	11.7	3,491	5,745	6,288	54	Clayton	59	106	120	13.2	2,839	5,155	5,825	77
Fountain	61	112	118	5.4	3,344	6,093	6,490	43	Clinton	211	348	386	10.9	3,726	6,027	6,719	42
Franklin	46	79	88	11.4	2,713	4,411	4,746	90	Crawford	60	92	106	15.2	3,095	4,974	5,737	82
Fulton	56	108	115	6.5	3,320	6,242	6,636	35	Dallas	93	169	196	16.0	3,610	6,164	7,037	25
Gibson	97	196	215	9.7	3,194	6,275	6,787	32	Davis	23	39	46	17.9	2,734	4,573	5,306	97
Grant	283	496	553	11.5	3,394	5,963	6,659	34	Decatur	23	36	44	22.2	2,384	3,635	4,446	99
Greene	77	139	151	8.6	2,849	4,932	5,362	77	Delaware	49	92	102	10.9	2,607	4,801	5,319	96
Hamilton	210	490	562	14.7	3,948	6,933	7,640	6	Des Moines	194	303	345	13.9	4,102	6,718	7,706	4
Hancock	129	268	299	11.6	3,766	6,762	7,203	17	Dickinson	42	86	98	14.0	3,291	6,154	6,956	30
Harrison	60	118	135	14.4	2,937	4,925	5,299	78	Dubuque	297	592	674	13.9	3,299	6,235	6,948	31
Hendricks	195	406	459	13.1	3,713	6,468	7,101	20	Emmet	45	78	87	11.5	3,254	5,658	6,349	57
Henry	182	337	367	8.9	3,480	6,312	6,829	31	Fayette	75	130	151	16.2	2,724	5,037	5,853	75
Howard	321	624	704	12.8	3,913	7,170	8,033	2	Floyd	67	108	121	12.0	3,372	5,384	6,126	66
Huntington	124	229	248	8.3	3,540	6,519	7,037	23	Franklin	43	74	84	13.5	3,300	5,569	6,498	49
Jackson	114	198	219	10.6	3,463	5,815	6,437	46	Fremont	36	57	66	15.8	3,851	6,258	7,301	13
Jasper	70	131	141	7.6	3,445	5,627	5,739	70	Greene	49	79	91	15.2	3,820	6,502	7,668	6
Jay	75	135	147	8.9	3,172	5,621	6,229	57	Grundy	48	87	101	16.1	3,469	6,221	7,209	16
Jefferson	79	143	162	13.3	2,965	5,186	5,958	65	Guthrie	37	59	69	16.9	3,050	4,818	5,632	86
Jennings	49	98	108	10.2	2,553	4,688	5,216	81	Hamilton	65	113	127	12.4	3,509	6,319	7,217	15
Johnson	201	420	478	13.8	3,447	5,892	6,526	39	Hancock	43	81	93	14.8	3,242	5,936	6,915	33
Knox	122	230	247	7.4	2,944	5,725	6,313	51	Hardin	80	132	148	12.1	3,620	6,027	6,745	40
Kosciusko	173	329	369	12.2	3,639	6,239	6,941	26	Harrison	54	81	92	13.6	3,335	4,930	5,646	85
Lagrange	60	112	121	8.0	2,917	4,827	5,207	83	Henry	61	109	126	15.6	3,367	6,182	7,086	22
Lake	2,037	3,515	3,947	12.3	3,746	6,450	7,300	16	Howard	29	53	61	15.1	2,527	4,645	5,347	94
La Porte	379	661	734	11.0	3,634	6,252	6,923	27	Humboldt	43	75	86	14.7	3,385	5,951	6,729	41
Lawrence	126	218	240	10.1	3,315	5,401	5,909	67	Ida	35	46	51	10.9	3,818	5,135	5,817	79
Madison	491	866	959	10.7	3,572	6,254	6,994	25	Iowa	55	92	104	13.0	3,522	5,984	6,823	37
Marion	3,301	5,456	6,043	10.8	4,216	7,049	7,854	3	Jackson	37	67	72	12.5	3,087	4,871	5,514	87
Marshall	116	229	252	10.0	3,322	6,022	6,661	33	Jasper	125	227	254	11.9	3,560	6,224	7,010	27
Martin	32	51	54	5.9	2,957	4,607	4,936	86	Jefferson	50	91	102	12.1	3,225	6,150	6,896	34
Miami	132	227	244	7.5	3,373	5,738	6,248	56	Johnson	212	441	502	13.8	3,130	5,697	6,429	55
Monroe	228	427	479	12.2	2,778	4,679	5,213	82	Jones	61	99	114	15.2	3,134	4,950	5,785	80
Montgomery	114	223	234	4.9	3,369	6,538	6,833	30	Keokuk	45	80	92	15.0	3,162	5,967	6,967	29
Morgan	145	288	322	11.8	3,357	5,945	6,546	38	Kossuth	73	127	149	17.3	3,164	5,969	6,578	46
Newton	41	71	75	5.6	3,519	5,333	5,404	76	Lee	139	261	296	13.4	3,245	6,210	6,996	28
Noble	106	189	211	11.6	3,399	5,766	6,417	48	Linn	635	1,170	1,292	10.4	3,926	7,017	7,728	3
Ohio	13	22	25	13.6	2,946	4,701	5,268	80	Louis	28	65	76	16.9	3,276	5,870	6,825	36
Orange	45	76	84	10.5	2,674	4,363	4,879	89	Lucas	38	57	63	10.5	2,700	5,629	6,434	54
Owen	34	60	66	10.0	2,792	4,540	4,635	91	Lyon	43	64	7					

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Pottawattamie...	285	509	573	12.6	3,297	5,883	6,607	45	Ness.....	17	29	29	...	3,542	6,121	6,197	65
Poweshiek.....	62	122	138	13.1	3,326	6,292	7,152	17	Norton.....	21	42	43	2.4	2,819	6,204	6,295	61
Ringgold.....	18	32	38	18.8	2,798	5,150	6,172	63	Osage.....	37	75	83	10.7	2,807	5,433	5,851	85
Sac.....	56	80	89	11.3	3,554	5,343	5,962	73	Osborne.....	24	41	42	-2.4	3,625	6,852	6,626	46
Scott.....	541	1,051	1,182	12.5	3,864	6,905	7,684	5	Ottawa.....	17	42	41	-2.4	2,756	6,672	6,516	51
Shelby.....	51	81	91	12.3	3,293	5,303	5,987	71	Pawnee.....	30	48	58	20.8	3,504	5,778	6,921	33
Sioux.....	85	144	157	9.0	3,086	4,931	5,322	95	Phillips.....	25	49	50	2.0	3,174	6,189	6,340	60
Story.....	191	389	450	15.7	3,129	5,673	6,500	48	Pottawattamie.....	34	71	82	15.5	2,927	5,450	6,160	69
Tama.....	65	110	128	16.4	3,247	5,611	6,481	51	Pratt.....	34	69	75	8.7	3,381	6,920	7,591	15
Taylor.....	24	43	48	11.6	2,694	5,280	6,105	67	Rawlins.....	14	25	24	-4.0	3,079	6,011	5,803	88
Union.....	40	72	83	15.3	2,933	5,478	6,329	59	Reno.....	212	394	446	13.2	3,490	6,328	7,066	26
Van Buren.....	24	43	50	16.3	2,674	5,061	5,783	81	Republic.....	26	47	45	-4.3	2,978	5,954	5,724	92
Wapello.....	144	227	260	14.5	3,383	5,709	6,442	53	Rice.....	39	74	81	9.5	3,096	6,076	6,556	49
Warren.....	92	191	220	15.2	3,488	5,947	6,673	43	Riley.....	192	338	370	9.5	3,721	5,311	5,708	94
Washington.....	65	122	140	14.8	3,434	6,480	7,424	10	Rooks.....	25	43	41	-4.7	3,209	6,011	5,721	93
Wayne.....	22	39	48	23.1	2,621	4,704	5,948	74	Rush.....	17	33	31	-6.1	3,287	6,605	6,361	57
Webster.....	170	285	323	13.3	3,521	6,014	6,864	35	Russell.....	33	68	73	7.4	3,449	7,535	8,108	11
Winnebago.....	46	90	101	12.2	3,544	6,569	7,360	11	Saline.....	148	316	343	8.5	3,200	6,390	6,891	34
Winneshiek.....	55	96	106	10.4	2,631	4,441	4,900	98	Scott.....	18	54	59	9.3	3,141	8,933	9,496	4
Woodbury.....	360	673	734	9.1	3,498	6,489	7,118	20	Sedgwick.....	1,292	2,429	2,657	9.4	3,682	6,928	7,527	16
Worth.....	28	48	56	16.7	3,168	5,511	6,417	56	Seward.....	50	117	148	26.5	3,173	6,978	8,779	8
Wright.....	62	107	124	15.9	3,541	6,376	7,527	9	Shawnee.....	578	1,024	1,157	13.0	3,748	6,635	7,314	21
KANSAS	7,758	14,886	16,613	11.6	3,470	6,475	7,141	-----	Sheridan.....	11	33	27	-18.2	2,706	5,503	6,858	37
Sum of SMSA counties.....	3,933	7,547	8,436	11.8	3,826	7,129	7,835	-----	Sherman.....	27	49	55	12.2	3,466	5,973	6,640	45
Sum of non-SMSA counties.....	3,825	7,339	8,177	11.4	3,166	5,917	6,544	-----	Smith.....	19	40	39	-2.5	2,810	6,083	6,105	73
Allen.....	42	88	98	11.4	2,771	5,688	6,281	62	Stafford.....	21	40	47	17.5	3,406	6,552	7,652	13
Anderson.....	24	46	53	15.2	2,851	5,408	6,244	64	Stanton.....	8	22	17	-22.7	3,375	8,326	6,038	78
Atchison.....	57	105	113	7.6	2,970	5,734	6,161	67	Stevens.....	15	49	50	2.0	3,435	10,634	10,536	2
Barber.....	25	44	50	13.6	3,477	6,562	7,515	17	Summer.....	76	128	154	20.3	3,243	5,449	6,491	53
Barton.....	107	192	226	17.7	3,465	6,130	7,145	24	Thomas.....	25	54	56	3.7	3,367	6,514	6,709	41
Bourbon.....	45	94	109	16.0	2,952	6,000	6,937	32	Trego.....	13	29	29	-----	2,972	6,608	6,436	56
Brown.....	38	66	74	12.1	3,200	5,795	6,452	54	Wabauwsee.....	20	34	37	8.8	3,192	5,008	5,484	99
Butler.....	126	248	272	9.7	3,278	6,110	6,495	52	Wallace.....	8	11	16	45.5	3,472	4,873	7,446	18
Chase.....	12	17	21	23.5	3,546	4,844	6,161	68	Washington.....	29	57	51	-10.5	3,106	6,450	5,734	91
Chautauqua.....	12	23	27	17.4	2,511	5,008	5,669	95	Wichita.....	14	40	35	-12.5	4,239	11,466	10,583	1
Cherokee.....	59	102	117	14.7	2,719	4,784	5,445	100	Wichita.....	34	60	70	16.7	2,936	5,347	6,171	66
Cheyenne.....	14	21	24	14.3	3,184	5,103	5,978	80	Woodson.....	12	20	24	20.0	2,567	4,617	5,414	101
Clark.....	10	16	19	18.8	3,518	5,719	6,692	42	Wyandotte.....	613	1,171	1,298	10.8	3,278	6,592	7,379	19
Clay.....	30	59	60	1.7	3,043	5,988	6,058	77	Kentucky	9,170	18,578	20,713	11.5	2,867	5,407	5,989	-----
Cloud.....	42	75	87	16.0	3,097	5,790	6,625	47	Sum of SMSA counties.....	5,239	9,973	11,098	11.3	3,514	6,385	7,112	-----
Coffey.....	20	44	49	11.4	2,718	5,686	6,351	59	Sum of non-SMSA counties.....	3,931	8,605	9,615	11.7	2,303	4,592	5,066	-----
Comanche.....	12	15	15	-----	4,563	5,330	5,772	90	Adair.....	35	50	54	8.0	1,901	3,558	3,796	100
Cowley.....	111	201	229	13.9	3,157	5,937	6,578	48	Allen.....	26	58	65	12.1	2,086	4,396	4,937	64
Crawford.....	109	204	225	10.3	2,886	5,506	6,097	76	Anderson.....	29	59	66	11.9	3,109	5,371	5,810	28
Decatur.....	17	27	30	11.1	3,331	5,563	6,146	71	Ballard.....	20	40	45	12.5	2,456	4,600	5,190	51
Dickinson.....	60	116	123	6.0	2,986	5,572	5,946	82	Barren.....	69	153	171	11.8	2,399	4,995	5,543	40
Doniphan.....	28	47	51	8.5	2,864	5,193	5,644	96	Bath.....	20	40	44	10.0	2,220	4,286	4,700	78
Douglas.....	160	326	368	12.9	2,803	5,052	5,626	92	Bell.....	61	150	169	12.7	1,937	4,439	5,037	56
Edwards.....	16	28	33	17.9	3,444	6,009	7,294	27	Boone.....	102	222	256	15.3	3,209	5,766	6,368	14
Elk.....	10	19	22	15.8	2,604	5,113	5,784	89	Bourbon.....	59	105	116	10.5	3,219	5,656	6,193	17
Ellis.....	63	142	152	7.0	2,551	5,507	5,804	87	Boyd.....	168	338	380	12.4	3,118	6,439	7,124	4
Ellsworth.....	20	43	44	2.3	3,237	6,946	7,087	25	Boyle.....	64	132	146	10.6	3,037	5,711	6,254	16
Finney.....	61	142	163	14.8	3,236	6,288	6,957	30	Bracken.....	17	35	38	8.6	2,356	4,514	4,949	63
Ford.....	79	151	175	15.9	3,516	6,318	7,333	20	Breathitt.....	18	51	58	13.7	1,256	3,078	3,345	112
Franklin.....	58	120	142	18.3	2,907	5,909	6,867	36	Breckinridge.....	33	65	73	12.3	2,224	4,160	4,505	84
Geary.....	99	170	182	7.1	4,100	5,546	6,104	74	Bullitt.....	65	165	192	16.4	2,598	4,682	5,179	52
Gove.....	13	22	23	4.5	3,330	5,645	5,876	83	Butler.....	17	39	42	7.7	1,739	3,708	3,865	98
Graham.....	13	25	26	4.0	2,711	5,638	5,948	81	Caldwell.....	34	69	76	10.1	2,603	5,277	5,800	30
Grant.....	22	67	65	-3.0	3,751	9,601	9,212	6	Calloway.....	59	124	143	15.3	2,203	4,260	4,976	60
Gray.....	20	21	37	76.2	4,433	4,041	7,017	29	Campbell.....	296	510	565	10.8	3,349	6,033	6,720	11
Greenley.....	9	12	17	41.7	4,716	6,501	9,225	5	Carlisle.....	11	25	28	12.0	2,065	4,407	4,732	76
Greenwood.....	26	49	59	20.4	2,864	5,462	6,441	55	Carroll.....	23	45	52	15.6	2,674	5,280	6,005	24
Hamilton.....	9	11	20	81.8	3,343	3,733	6,683	43	Carter.....	39	81	89	9.9	1,954	3,573	3,843	99
Harper.....	28	46	52	13.0	3,526	5,891	6,877	35	Casey.....	20	43	47	9.3	1,537	3,057	3,331	113
Harvey.....	88	186	200	7.5	3,252	6,385	6,818	39	Christian.....	161	367	389	6.0	2,871	5,656	6,011	21
Haskell.....	18	23	36	56.5	4,878	5,519	8,696	9	Clark.....	77	160	179	11.9	3,228	6,094	6,806	10
Hodgeman.....	11	28	21	-25.0	3,973	10,713											

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Henry	31	59	66	11.9	2,807	5,211	5,715	35	Franklin	40	72	81	12.5	1,678	3,040	3,418	64
Hickman	13	28	31	10.7	2,026	4,445	4,854	69	Grant	25	52	59	13.5	1,838	3,475	3,945	53
Hopkins	117	297	334	12.5	3,055	6,791	7,526	2	Iberia	138	326	372	14.1	2,422	5,190	5,850	13
Jackson	14	32	35	9.4	1,422	3,017	3,207	117	Iberville	73	146	164	12.3	2,364	4,734	5,328	22
Jefferson	2,613	4,729	5,253	11.1	3,805	6,836	7,715	1	Jackson	37	70	78	11.4	2,363	4,331	4,706	35
Jessamine	44	101	112	10.9	2,568	4,597	4,844	71	Jefferson	1,183	2,635	2,956	12.2	3,629	6,375	6,960	2
Johnson	35	100	114	14.0	1,390	4,617	5,092	55	Jefferson Davis	65	123	146	18.7	2,218	3,979	4,657	36
Kenton	445	807	900	11.5	3,462	6,158	6,877	8	Lafayette	307	776	913	17.7	2,788	6,017	6,894	4
Knott	18	55	62	12.7	1,229	3,125	3,506	109	Lafourche	171	386	431	11.7	2,507	5,161	5,683	14
Knox	35	95	107	12.6	1,478	3,447	3,789	101	La Salle	25	60	68	13.3	1,867	4,057	4,588	3
Laure	27	50	56	12.0	2,553	4,472	4,969	62	Lincoln	79	162	185	14.2	2,350	4,432	4,994	30
Laurel	49	140	160	14.3	1,819	4,247	4,688	79	Livingston	216	242	242	12.0	2,399	4,748	5,037	29
Lawrence	19	50	56	12.0	1,724	3,997	4,480	85	Madison	28	51	54	5.9	1,844	3,449	3,727	58
Lee	10	23	25	8.7	1,507	3,194	3,406	111	Morehouse	69	143	156	9.1	2,138	4,337	4,735	34
Leslie	14	43	50	16.3	1,199	3,269	3,751	102	Natchitoches	71	135	148	9.6	2,009	3,690	4,043	51
Letcher	46	122	136	11.5	1,930	4,409	4,912	66	Orleans	2,110	3,554	3,883	9.3	3,513	6,299	6,919	3
Lewis	25	45	49	8.9	2,003	3,456	3,665	103	Quachita	313	641	713	11.2	2,739	4,951	5,506	15
Lincoln	35	69	75	8.7	2,110	3,848	4,103	92	Plaquemines	66	147	159	8.2	2,612	5,609	5,969	12
Livingston	20	45	50	11.1	2,610	4,976	5,539	41	Pointe Coupee	42	86	98	14.0	1,925	3,887	4,483	41
Logan	53	108	118	9.3	2,437	4,910	5,371	46	Rapides	313	601	662	10.1	2,657	4,870	5,299	23
Lyon	12	27	31	14.8	2,088	4,597	5,011	58	Red River	20	37	40	8.1	2,148	3,911	4,246	46
McCracken	186	360	411	14.2	3,192	5,962	6,707	12	Richland	43	90	96	6.7	1,967	4,076	4,431	43
McCreary	13	37	41	10.8	1,017	2,498	2,710	120	Sabine	34	71	82	15.5	1,817	3,524	4,088	49
McLean	22	49	51	4.1	2,386	4,736	4,937	65	St. Bernard	109	357	398	11.5	3,418	5,931	6,565	6
Madison	104	209	236	12.9	2,481	4,377	4,868	68	St. Charles	79	179	208	16.2	2,724	5,377	6,080	11
Magoffin	11	39	45	15.4	1,078	3,272	3,645	106	St. Helena	15	32	35	9.4	1,508	3,269	3,550	61
Marion	36	66	73	10.6	2,174	4,007	4,368	86	St. James	50	109	119	9.2	2,533	5,508	6,137	10
Marshall	53	114	131	14.9	2,637	4,997	5,498	43	St. John the Baptist	51	128	142	10.9	2,190	4,955	5,356	23
Martin	18	57	67	17.5	1,364	4,921	5,524	42	St. Landry	152	302	342	13.2	1,893	3,679	4,113	48
Mason	53	93	102	9.7	2,979	5,534	6,008	22	St. Martin	55	133	148	11.3	1,695	3,821	4,201	47
Meade	42	68	78	14.7	2,250	3,585	3,901	95	St. Mary	160	342	386	12.9	2,660	5,520	6,246	8
Menifee	6	14	15	7.1	1,547	3,117	3,273	115	St. Tammany	167	409	470	14.9	2,740	4,960	5,429	18
Mercer	46	96	105	9.4	2,891	5,345	5,804	29	Tangipahoa	138	298	336	12.8	2,110	4,080	4,546	39
Metcalfe	14	28	31	10.7	1,721	3,323	3,646	105	Tensas	18	37	38	2.7	1,835	4,366	4,511	40
Monroe	20	43	47	9.3	1,739	3,598	4,036	93	Terrebonne	199	493	567	15.0	2,647	5,745	6,474	7
Montgomery	41	86	96	11.6	2,706	4,902	5,341	47	Union	37	82	89	8.5	2,032	4,183	4,458	42
Morgan	14	35	40	14.3	1,399	3,144	3,659	104	Vermilion	96	202	238	17.8	2,246	4,448	5,128	27
Muhlenberg	72	179	199	11.2	2,627	5,794	6,407	13	Vernon	174	194	223	14.9	3,271	4,979	5,413	19
Nelson	59	117	130	11.1	2,538	4,728	5,174	53	Washington	103	187	203	8.6	2,440	4,354	4,766	33
Nicholas	17	31	34	9.7	2,541	4,516	5,034	57	Webster	119	192	211	9.9	3,001	4,676	5,170	26
Ohio	41	114	128	12.3	2,194	5,402	5,984	25	West Baton Rouge	36	82	91	11.0	2,177	4,560	5,049	28
Oldham	43	106	128	20.8	2,955	5,521	6,039	18	West Carroll	22	42	46	9.5	1,701	3,211	3,507	63
Owen	18	37	40	8.1	2,455	4,556	4,762	75	West Feliciana	18	31	36	16.1	1,565	3,484	3,546	62
Owsley	5	14	15	7.1	1,085	2,624	2,747	119	Winn	32	58	64	10.3	1,961	3,498	3,882	55
Pendleton	25	49	53	8.2	2,558	4,660	4,998	59	Maine	2,971	5,471	6,240	8.7	2,995	5,359	5,751	-----
Perry	48	144	167	16.0	1,776	4,902	5,611	36	Sum of SMSA counties	1,039	1,947	2,127	9.2	3,397	5,979	6,504	-----
Pike	113	354	385	8.8	1,837	4,897	5,247	48	Sum of non-SMSA counties	1,932	3,794	4,113	8.4	2,816	5,088	5,426	-----
Powell	14	34	38	11.8	1,821	3,876	4,142	91	Androscoggin	291	527	570	8.2	3,203	5,546	5,976	2
Pulaski	78	178	205	15.2	2,219	4,226	4,844	72	Aroostook	222	453	461	1.8	2,334	4,644	4,692	15
Robertson	6	9	10	11.1	2,685	4,255	4,510	83	Cumberland	677	1,286	1,408	9.5	3,532	6,290	6,860	11
Rockcastle	20	39	43	10.3	1,602	2,992	3,304	114	Franklin	58	123	132	7.3	2,591	4,894	5,138	1
Rowan	31	63	70	11.1	1,886	3,641	3,978	94	Hancock	96	212	233	9.9	2,798	5,375	5,843	6
Russell	21	45	49	8.9	2,004	3,763	4,158	90	Kennebec	570	618	648	8.4	3,125	5,591	5,972	3
Scott	51	105	119	13.3	2,902	5,517	6,007	23	Knox	85	170	187	10.0	2,935	5,257	5,709	7
Shelby	59	113	127	12.4	3,133	5,635	6,329	15	Lincoln	66	131	145	10.7	3,257	5,512	5,887	5
Simpson	37	74	82	10.8	2,867	5,242	5,794	31	Oxford	121	222	240	8.1	2,770	4,903	5,201	10
Spencer	15	23	31	10.7	2,648	4,975	5,546	39	Penobscot	349	692	752	8.7	2,779	5,110	5,512	9
Taylor	47	89	96	7.9	2,785	4,882	5,139	54	Piscataquis	43	79	86	8.9	2,644	4,704	5,069	12
Todd	22	52	55	5.8	2,041	4,648	4,824	74	Sagadahoc	71	134	150	11.9	3,037	5,122	5,647	8
Trigg	19	44	49	11.4	2,253	4,709	5,232	50	Somerset	111	198	214	8.1	2,746	4,450	4,751	14
Trimble	12	24	27	12.5	2,302	4,347	4,702	77	Waldo	63	125	133	6.4	2,703	4,608	4,883	13
Union	43	94	103	9.6	2,721	5,482	5,826	27	Washington	69	141	157	11.3	2,289	4,149	4,529	16
Warren	147	334	368	10.2	2,621	5,285	5,780	33	York	352	678	753	11.1	3,182	5,536	5,959	4
Washington	25	44	48	9.1	2,332	4,206	4,651	80	Maryland	15,420	28,853	31,327	8.6	3,987	6,994	7,569	-----
Wayne	19	48	52	8.3	1,356	3,040	3,234	116	Sum of SMSA counties	13,630	25,420	27,616	8.6	4,126	7,250	7,864	-----
Webster	33	76	86	13.2	2,463	5,218	5,740	34	Sum of non-SMSA counties	1,790	3,432	3,711	8.1	3,169	5,545	5,921	-----
Whitley	51	132	150	13.6	2,089	4,496	4,907	67	Alegany	251	419	456	8.8	2,975	5,126	5,656	18
Wolfe	7	19	23	21.1	1,296	3,044	3,523	108	Anne Arundel	1,144	2,333	2,548	9.2	3,928	6,665	7,163	6
Woodford	57	109	117	7.3	3,987	6,508	7,022	6	Baltimore	2,667	4,699	5,130	9.2	4,354	7,316	7,965	3
Louisiana	10,275	20,719	23,176	11.9	2,839	5,347	5,910	-----	Calvert	55	161	176	9.3	2,697	5,763	5,909	15
Sum of SMSA counties	7,222	14,465	16,148	11.6	3,221	5,906	6,506	-----	Caroline	64	115	122	6.1	3,253	5,232	5,590	19
Sum of non-SMSA counties	3,052	6,254	7,028	12.4	2,217	4,386	4,883	-----	Carroll	231	511	564	10.4	3,399	6,047	6,380	11
Acadia	108	226	260	15.0	2,088	4,181	4,792	32	Cecil	174	289	311	7.6	3,275	5,230	5,584	20
Allen	43	73	84	15.1	2,090	3,560	4,002	52	Charles	147							

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Massachusetts	22,596	38,377	41,988	9.4	3,999	6,627	7,262	-----	Rosecommon	27	65	74	13.8	3,069	4,319	4,676	73
Sum of SMSA counties	21,973	37,016	40,492	9.4	4,005	6,629	7,271	-----	Saginaw	790	1,518	1,721	13.4	3,600	6,701	7,591	7
Sum of non-SMSA counties	623	1,361	1,495	9.8	3,810	6,562	7,009	-----	St. Clair	424	754	849	12.6	3,590	5,780	6,447	26
Barnstable	381	919	1,016	10.6	4,020	6,915	7,377	5	St. Joseph	166	306	340	11.1	3,573	5,983	6,684	20
Berkshire	563	919	982	6.9	3,778	6,293	6,874	7	Sanilac	106	199	224	12.6	3,102	5,058	5,778	38
Bristol	1,492	2,662	2,913	9.4	3,381	5,672	6,226	12	Schoolcraft	20	40	45	12.5	2,508	4,548	4,987	63
Dukes	23	54	60	11.1	3,740	6,961	7,396	4	Shiawassee	228	410	462	12.7	3,613	5,929	6,648	22
Essex	2,517	4,341	4,725	8.8	3,970	6,915	7,557	3	Tuscola	156	309	347	12.3	3,164	5,718	6,415	27
Franklin	202	351	380	8.3	3,428	5,725	6,135	13	Van Buren	178	328	364	11.0	3,206	5,312	5,888	36
Hampden	1,727	2,799	3,079	10.0	3,782	6,089	6,718	9	Washtenaw	929	1,792	2,022	12.8	4,155	7,187	8,081	5
Hampshire	393	710	779	9.7	3,207	5,342	5,944	14	Wayne	11,329	18,143	20,209	11.4	4,241	7,348	8,359	2
Middlesex	6,121	10,190	11,218	10.1	4,413	7,321	8,083	2	Wexford	53	113	129	14.2	2,704	5,123	5,774	39
Nantucket	17	37	40	8.1	4,594	6,784	7,082	6	Minnesota	13,358	24,625	28,293	14.9	3,555	6,227	7,118	-----
Norfolk	2,824	4,806	5,270	9.7	4,708	7,773	8,531	1	Sum of SMSA counties	9,641	17,557	19,628	11.8	4,006	6,908	7,694	-----
Plymouth	1,186	2,327	2,542	9.2	3,616	6,111	6,535	1	Sum of non-SMSA counties	3,717	7,068	8,664	22.6	2,751	5,003	6,086	-----
Suffolk	2,799	4,289	4,647	8.3	3,812	6,004	6,587	10	Aitkin	24	53	58	9.4	2,132	4,156	4,371	82
Worcester	2,352	3,973	4,338	9.2	3,708	6,180	6,742	8	Anoka	540	1,190	1,340	12.6	3,827	6,268	6,913	26
Michigan	34,803	61,653	69,438	12.6	3,963	6,766	7,606	-----	Becker	56	117	138	17.9	2,291	4,267	4,966	76
Sum of SMSA counties	30,157	52,663	59,444	12.9	4,134	7,099	8,011	-----	Beltrami	46	105	122	16.2	1,915	3,521	4,079	86
Sum of non-SMSA counties	4,646	8,989	9,994	11.2	3,125	5,305	5,848	-----	Benton	51	118	127	7.6	2,565	5,243	5,542	61
Alcona	17	38	43	13.2	2,713	4,353	4,778	70	Big Stone	20	30	49	63.3	2,570	3,845	4,429	38
Alger	19	39	42	7.7	2,336	4,171	4,326	80	Blue Earth	151	304	346	13.8	3,124	5,911	6,720	31
Allegan	197	373	422	13.1	3,092	5,143	5,709	43	Brown	87	160	191	19.4	3,077	5,451	6,502	35
Alpena	86	175	193	10.3	2,830	5,271	5,749	42	Carlton	77	145	156	7.6	2,616	4,988	5,263	67
Antrim	35	75	86	14.7	2,993	4,794	5,457	50	Carver	90	184	214	16.3	3,298	5,443	6,228	42
Arenac	30	68	76	11.8	2,823	5,098	5,615	47	Cass	37	78	90	15.4	2,303	3,906	4,269	84
Baraga	20	39	43	10.3	2,554	4,843	5,068	50	Chippewa	41	60	91	51.7	2,735	3,828	5,920	53
Barry	117	221	239	8.1	3,361	5,269	5,656	46	Chisago	50	110	125	13.6	2,867	4,947	5,400	62
Bay	406	739	838	13.4	3,494	6,161	6,969	14	Clay	130	262	299	14.1	3,070	5,540	6,218	43
Benzie	24	52	59	13.5	2,916	4,936	5,584	48	Clearwater	16	28	32	14.3	1,962	3,134	3,601	87
Berrien	613	1,025	1,147	11.9	3,746	6,004	6,777	17	Cook	43	88	20	11.1	2,684	4,488	4,819	77
Branch	113	216	247	14.4	3,143	5,666	6,564	24	Cottonwood	9	18	106	20.5	2,970	5,852	6,826	27
Calhoun	539	961	1,046	8.8	3,800	6,853	7,480	9	Crow Wing	92	184	205	11.4	2,732	4,752	5,184	69
Cass	144	268	299	11.6	3,578	5,874	6,674	21	Dakota	535	1,195	1,380	15.5	4,155	6,679	7,502	14
Charlevoix	46	98	111	13.3	2,797	5,134	5,693	44	Dodge	37	69	85	23.2	2,722	5,077	6,321	40
Cheboygan	45	93	103	10.8	2,912	4,686	5,089	58	Douglas	57	112	137	22.3	2,536	4,470	5,321	66
Chippewa	83	171	171	-----	2,566	4,645	4,651	74	Faribault	60	126	150	19.0	2,823	6,280	7,666	12
Clare	41	94	109	16.0	2,786	4,235	4,798	69	Fillmore	61	115	130	13.0	2,791	5,216	6,002	50
Clinton	169	307	348	13.4	3,560	5,830	6,387	29	Freeborn	120	223	258	15.7	3,204	6,044	6,983	23
Crawford	17	40	45	12.5	2,806	4,572	4,945	64	Goodhue	108	223	248	11.2	3,120	5,830	6,434	37
Delta	98	203	217	6.9	2,762	5,118	5,403	52	Grant	19	34	59	73.5	2,479	4,506	7,690	10
Dickinson	73	150	166	10.7	3,065	5,976	6,552	25	Hennepin	4,350	7,289	8,105	11.2	4,495	7,957	8,941	2
Eaton	255	481	555	15.4	3,884	6,221	6,970	13	Houston	49	95	102	7.4	2,782	5,210	5,633	58
Emmet	58	122	136	11.5	3,289	5,682	6,366	30	Hubbard	20	48	56	17.7	1,940	3,859	4,305	83
Genesee	1,727	3,202	3,691	15.3	3,871	7,169	8,296	3	Isanti	48	93	108	16.1	2,608	4,675	5,336	64
Gladwin	34	74	83	12.2	2,812	4,316	4,843	68	Itasca	60	211	215	1.9	2,520	5,262	5,193	65
Gogebie	56	105	109	3.8	2,734	5,123	5,377	53	Jackson	43	79	119	50.6	3,083	5,458	8,235	5
Grand Traverse	135	287	327	13.9	3,378	6,237	7,020	12	Kanabec	25	52	58	11.5	2,516	4,540	5,058	73
Gratiot	128	231	253	9.5	3,276	5,836	6,364	31	Kandiyohi	88	167	208	24.6	2,842	5,060	6,162	44
Hillsdale	113	217	245	12.9	3,126	5,371	6,044	34	Kittson	17	33	74	124.2	2,262	4,747	10,668	1
Houghton	84	166	180	8.4	2,494	4,439	4,876	66	Koochiching	43	87	91	4.6	2,532	4,935	5,100	70
Huron	100	197	217	10.2	3,017	5,480	5,930	35	Lac Qui Parle	29	40	71	77.5	2,553	3,551	6,409	39
Ingham	979	1,827	2,049	12.2	3,787	6,764	7,532	8	Lake	35	68	70	2.9	2,649	5,003	4,989	74
Ionia	132	238	267	12.2	2,871	4,915	5,450	51	Lake of the Woods	8	17	20	17.6	2,060	4,161	4,795	78
Iosco	68	143	153	7.0	3,008	4,928	5,000	62	Le Sueur	66	125	147	17.6	3,060	5,807	6,773	29
Iron	35	71	77	8.5	2,517	4,880	5,326	54	Lincoln	21	27	42	55.6	2,528	3,194	5,097	71
Isabella	114	227	252	11.0	2,802	4,484	4,872	67	Lyon	69	128	152	18.8	3,036	5,188	6,140	45
Jackson	553	923	1,023	10.8	3,876	6,272	6,822	16	McLeod	86	167	203	21.6	3,295	5,813	7,006	22
Kalamazoo	762	1,374	1,532	11.5	3,891	6,762	7,428	10	Mahnomen	14	27	34	25.9	2,356	4,779	5,834	55
Kalkaska	14	44	51	15.9	2,538	3,937	4,473	77	Marshall	29	54	110	103.7	2,164	4,079	8,171	6
Kent	1,530	2,712	3,045	12.3	3,725	6,349	7,089	11	Martin	79	154	197	27.9	3,247	6,217	7,874	9
Keweenaw	5	10	11	10.0	2,555	4,308	4,143	81	Meeker	53	105	124	18.1	2,776	5,198	6,082	47
Lake	13	28	31	10.7	2,755	4,075	4,340	79	Mille Lacs	40	84	94	11.9	2,404	4,594	5,074	72
Lapeer	174	348	412	18.4	3,385	5,521	6,392	28	Morrison	59	111	125	12.6	2,166	3,958	4,432	81
Leelanau	31	68	80	17.6	3,124	5,353	6,124	33	Mower	156	256	292	14.1	3,456	5,937	6,809	28
Lenawee	294	514	576	12.1	3,618	5,956	6,752	18	Murray	35	58	79	36.2	2,678	4,786	6,466	33

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income						
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977			
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977				
Traverse	16	24	50	108.3	2,355	3,947	8,098	8	Winston	39	75	84	12.0	2,118	3,884	4,427	37			
Wabasha	50	104	111	6.7	2,939	5,547	5,872	54	Yalobusha	24	47	52	10.6	2,004	3,888	4,312	47			
Wadena	29	57	65	14.0	2,312	4,205	4,751	80	Yazoo	59	123	140	13.8	2,126	4,494	5,229	14			
Waseca	50	109	127	16.5	2,990	6,092	7,031	21	Missouri				15,860	28,546	31,977	12.0	3,418	5,963	6,661	-----
Washington	301	645	737	14.3	3,866	6,033	6,699	32	Sum of SMSA counties				11,665	20,492	22,794	11.2	3,908	6,717	7,483	-----
Watsonwan	39	74	90	21.6	3,048	5,918	7,281	17	Sum of non-SMSA counties				4,195	8,054	9,183	14.0	2,535	4,639	5,234	-----
Wilkin	25	40	75	87.5	2,618	4,471	8,379	3	Adair	55	113	125	10.6	2,428	4,823	5,313	52			
Winona	134	243	268	10.3	3,123	5,311	5,958	51	Andrew	37	67	77	14.9	3,083	4,984	5,783	35			
Wright	109	230	277	15.9	2,790	4,886	5,543	60	Atchison	29	57	73	28.1	3,153	6,316	8,085	2			
Yellow Medicine	39	52	79	51.9	2,679	3,665	5,600	59	Audrain	80	143	165	15.4	3,131	5,485	6,383	16			
Mississippi	5,167	10,735	12,011	11.9	2,327	4,538	5,027	-----	Barry	51	103	114	10.7	2,579	4,715	5,130	64			
Sum of SMSA counties	1,594	3,424	3,819	11.5	2,987	5,478	6,000	-----	Barton	25	45	57	26.7	2,423	4,117	5,318	51			
Sum of non-SMSA counties	3,573	7,311	8,193	12.1	2,119	4,201	4,674	-----	Bates	40	76	87	14.5	2,535	4,762	5,377	47			
Adams	99	194	214	10.3	2,636	5,118	5,686	6	Benton	21	44	49	11.4	2,164	3,803	4,115	99			
Alcorn	65	134	153	14.2	2,396	4,677	5,124	16	Bollinger	15	31	35	12.9	1,625	3,176	3,436	111			
Amite	23	46	50	8.7	1,651	3,476	3,851	68	Boone	241	509	567	11.4	3,033	5,813	6,384	15			
Attala	36	73	83	13.7	1,820	3,886	4,326	45	Buchanan	288	511	563	10.2	3,268	5,919	6,511	12			
Benton	14	27	29	7.4	1,813	3,502	3,701	71	Butler	73	156	175	12.2	2,132	4,171	4,679	81			
Bolivar	88	169	194	14.8	1,747	3,540	4,106	59	Caldwell	21	40	46	15.0	2,488	4,423	5,168	61			
Calhoun	28	61	66	8.2	1,859	4,006	4,292	48	Callaway	73	143	173	21.0	2,800	5,184	6,155	23			
Carroll	17	29	32	10.3	1,764	3,204	3,483	80	Camden	32	73	80	9.6	2,439	4,321	4,516	88			
Chickasaw	36	75	82	9.3	2,134	4,360	4,747	26	Cape Girardeau	141	300	337	12.3	2,846	5,659	6,322	19			
Choctaw	16	32	37	15.6	1,847	3,581	4,006	62	Carroll	42	66	78	18.2	3,250	5,438	6,717	9			
Claiborne	18	41	47	14.6	1,782	3,623	4,203	53	Carter	6	14	16	14.3	1,542	3,052	3,250	113			
Clarke	29	64	73	14.1	1,910	4,055	4,559	33	Cass	126	252	276	9.5	3,387	5,241	5,843	34			
Clay	41	90	101	12.2	2,192	4,518	4,977	18	Cedar	22	39	44	12.8	2,303	3,508	4,046	101			
Coahoma	77	148	165	11.5	1,878	3,860	4,356	43	Chariton	32	61	73	19.7	2,836	5,895	7,171	7			
Copiah	48	98	109	11.2	1,900	3,836	4,234	50	Christian	38	86	93	8.1	2,544	4,385	4,552	87			
Covington	27	61	68	11.5	1,900	4,055	4,415	39	Clark	19	31	41	32.3	3,307	3,843	5,139	63			
De Soto	89	236	267	13.1	2,561	4,655	5,101	17	Clay	451	863	980	13.6	4,006	6,493	7,275	4			
Forrest	145	304	342	12.5	2,510	4,870	5,406	10	Clinton	41	73	84	16.4	3,269	5,086	5,850	33			
Franklin	14	28	31	10.7	1,685	3,456	3,696	72	Cole	157	313	350	11.8	3,408	6,073	6,653	10			
George	24	58	63	8.6	1,957	4,059	4,326	46	Cooper	46	80	87	8.8	3,050	5,365	5,758	36			
Greene	14	29	32	10.3	1,583	3,271	3,612	75	Crawford	35	70	78	11.4	2,328	4,282	4,603	85			
Grenada	50	94	105	11.7	2,540	4,723	5,292	13	Dade	16	28	32	14.3	2,322	3,263	4,326	93			
Hancock	42	76	85	11.8	2,519	3,989	4,401	41	Dallas	19	38	44	15.8	1,828	3,213	3,787	104			
Harrison	409	781	805	10.1	3,066	5,023	5,470	9	Daviess	20	38	49	28.9	2,286	4,534	5,002	31			
Hinds	693	1,458	1,635	12.1	3,254	6,276	6,910	1	De Kalb	21	33	38	15.2	2,773	4,108	4,857	77			
Holmes	38	72	81	12.5	1,613	3,178	3,614	74	Dent	25	54	56	8.7	2,166	4,134	4,371	92			
Humphreys	23	44	54	22.7	1,511	3,099	3,930	65	Douglas	15	29	34	17.2	1,526	2,725	3,174	114			
Issaquena	4	7	9	28.6	1,433	2,965	3,594	78	Dunklin	69	143	176	23.1	2,015	3,962	4,590	74			
Itawamba	36	76	85	11.8	2,155	4,279	4,840	22	Franklin	162	353	392	11.0	2,893	5,508	6,008	26			
Jackson	240	613	670	9.3	2,823	5,527	5,923	4	Gasconade	30	59	64	8.5	2,463	4,555	4,896	75			
Jasper	32	64	73	14.1	1,970	3,896	4,410	40	Gentry	22	38	44	15.8	2,665	4,638	5,346	49			
Jefferson	14	32	37	15.6	1,523	3,535	4,076	61	Greene	483	983	1,100	11.9	3,182	5,833	6,375	17			
Jefferson Davis	23	46	51	10.9	1,738	3,513	3,842	69	Grundy	29	54	63	16.7	2,468	4,847	5,641	42			
Jones	135	286	325	13.6	2,377	4,867	5,495	8	Harrison	25	39	48	23.1	2,366	3,976	4,743	80			
Kemper	15	31	35	12.9	1,455	2,927	3,164	82	Henry	54	105	117	11.4	2,866	5,572	6,176	21			
Lafayette	47	108	123	13.9	1,952	4,067	4,434	36	Hickory	8	19	21	10.5	1,729	3,195	3,641	106			
Lamar	30	79	90	13.9	1,964	4,289	4,590	32	Holt	22	34	48	41.2	3,225	4,937	7,028	8			
Lauderdale	194	384	428	11.5	2,876	5,383	5,986	3	Howard	28	47	54	14.9	2,566	4,563	5,291	53			
Lawrence	19	41	46	12.2	1,696	3,420	3,873	67	Howell	51	99	111	12.1	2,169	3,641	3,989	103			
Leake	33	67	76	13.4	1,914	3,748	4,183	54	Iron	23	50	57	14.0	2,378	4,813	5,491	45			
Lee	130	299	333	11.4	2,848	5,743	6,259	2	Jackson	2,533	4,276	4,720	10.4	3,882	6,787	7,586	30			
Leflore	95	175	196	12.0	2,219	4,211	4,747	25	Jasper	234	490	524	12.9	2,895	5,246	5,924	3			
Lincoln	57	113	129	14.2	2,164	4,245	4,761	24	Jefferson	306	630	710	12.7	2,970	5,159	5,671	40			
Lowndes	121	259	291	12.4	2,446	4,835	5,344	11	Johnson	81	161	176	9.3	2,396	4,720	5,119	65			
Madison	63	130	148	13.8	2,076	3,878	4,401	42	Knox	15	22	29	31.8	2,559	3,926	5,234	59			
Marion	45	95	105	10.5	1,959	3,932	4,352	44	Laclede	49	99	110	11.1	2,430	4,434	4,875	76			
Marshall	39	87	95	9.2	1,633	3,196	3,571	79	Lafayette	85	161	181	12.4	3,149	5,683	6,313	20			
Monroe	79	156	175	12.2	2,322	4,520	4,962	19	Lawrence	60	124	138	11.3	2,429	4,572	4,985	70			
Montgomery	27	50	54	8.0	2,113	3,711	4,103	60	Lewis	26	45	55	22.2	2,336	4,168	5,203	60			
Neshoba	40	87	92	5.7	1,903	3,999	4,211	51	Lincoln	58	108	121	12.0	3,242	5,403	5,974	27			
Newton	41	84	93	10.7	2,128	4,321	4,929	20	Linn	41	74	85	14.9	2,636	4,944	5,563	43			
Norubea	24	42	47	11.9	1,635	3,232	3,600	76	Livingston	47	91	104	14.3	3,001	5,835	6,617	11			
Oktibbeha	58	127	141	11.0	2,026	3,830	4,253	49	McDonald	28	47	54	14.9	2,213	3,140	3,495	109			
Panola	54	106	119	12.3	1,994	3,782	4,171	55	Macon	42	74	84	13.5	2,659	4,668	5,259	56			
Pearl River	60	122	137	12.3	2,199	4,289	4,721	28	Madison	19	35	39	11.4	2,123	3,762	4,193	96			
Perry	14	35	39	11.4	1,572	3,509	3,985	63	Marion	13	27	29	7.4	1,942	3,811	4,093	100			
Pike	69	135	148	9.6	2,140	3,930	4,144	57	Marion	81	150	168	12.0	2,869	5,376	5,896	32			
Pontotoc	34	81	91	12.3	1,971	4,316	4,745	27	Mercer	11	19	23	21.1	2,145	4,177	5,077	68			
Prentiss	40	88	97	10.2	1,996	4,137	4,512	34	Miller	39	82	90	9.8	2,569	4,892	5,234	58			
Quitman	25	41	48	17.1	1,523	2,922	3,370	81	Mississippi	31	61	81	32.8	1,807	3,757	5,102	66			
Rankin	106	269	308	14.5	2,444	4,615	5													

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

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income				
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977	
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977		
Ralls.....	20	37	43	16.2	2,501	4,359	5,162	62	Sum of non-SMSA counties	2,707	4,865	5,470	12.4	3,193	5,669	6,314	8	
Randolph.....	61	123	142	15.4	2,708	5,241	5,948	28		Adams.....	109	202	224	10.9	3,595	6,713	7,476	8
Ray.....	53	95	111	16.8	3,017	5,059	6,032	25		Antelope.....	24	39	42	7.7	2,636	4,183	4,601	78
Reynolds.....	12	25	28	12.0	1,932	3,745	4,182	97		Arthur.....	1	2	2		1,986	3,776	4,523	80
Ripley.....	16	35	39	11.4	1,592	2,835	2,957	115		Banner.....	3	5	8	60.0	2,654	5,182	7,290	13
St. Charles.....	299	661	781	18.2	3,491	5,702	6,354	18		Blaine.....	2	3	4	33.3	2,659	3,714	3,967	89
St. Clair.....	21	34	39	14.7	2,665	3,817	4,258	94		Boone.....	23	38	42	10.5	2,817	4,888	5,403	59
St. Francois.....	95	189	210	11.1	2,552	4,848	5,341	50		Box Butte.....	31	65	75	15.4	3,063	6,052	6,725	26
St. Louis.....	4,450	7,888	8,805	11.6	4,950	8,106	9,043	1		Boyd.....	9	14	15	7.1	2,275	3,810	4,157	86
St. Genevieve.....	34	71	80	12.7	2,671	5,087	5,642	41		Brown.....	13	18	20	11.1	3,094	4,180	4,547	79
Saline.....	77	139	170	22.3	3,051	5,724	7,217	6		Buffalo.....	87	181	206	13.8	2,885	5,656	6,341	35
Schuyler.....	11	21	24	14.3	2,360	4,272	4,910	73		Burt.....	31	46	51	10.9	3,375	5,125	5,934	47
Scotland.....	13	24	36	50.0	2,276	4,339	6,462	14		Butler.....	32	50	57	14.0	3,346	5,484	6,292	37
Scott.....	78	170	198	16.5	2,318	4,672	5,366	48		Cass.....	61	111	123	10.8	3,470	5,647	6,462	46
Shannon.....	13	25	27	8.0	1,793	3,241	3,613	107		Cedar.....	27	48	52	8.3	2,184	4,065	4,421	83
Shelby.....	21	40	47	17.5	2,587	5,187	6,109	24		Chase.....	13	24	29	20.8	3,173	5,138	6,125	43
Stoddard.....	55	112	140	25.0	2,081	4,006	4,969	71		Cherry.....	24	32	39	21.9	3,330	4,562	5,813	52
Stone.....	19	56	63	12.5	1,938	4,257	4,576	86		Cheyenne.....	33	62	72	16.1	2,897	5,936	6,958	22
Sullivan.....	21	31	34	9.7	2,681	4,240	4,784	78		Clay.....	30	52	59	13.5	3,631	6,369	7,189	17
Taney.....	34	86	98	14.0	2,606	4,861	5,259	55		Colfax.....	29	50	59	18.0	3,124	5,239	6,100	44
Texas.....	38	69	77	11.6	2,039	3,412	3,745	105		Cuming.....	38	54	59	9.3	3,110	4,623	4,974	72
Vernon.....	44	88	105	19.3	2,246	4,464	5,261	54		Custer.....	43	66	74	12.1	2,989	4,796	5,272	64
Warren.....	29	68	75	10.3	2,969	5,587	5,943	29		Dakota.....	40	90	91	1.1	3,116	5,484	5,375	60
Washington.....	32	62	66	6.5	2,126	3,861	4,018	102		Dawes.....	26	46	52	13.0	2,636	5,022	5,929	48
Wayne.....	14	32	35	9.4	1,583	3,158	3,347	112	Dawson.....	70	102	139	13.9	3,584	5,774	6,460	34	
Webster.....	36	71	80	12.7	2,302	3,902	4,392	90	Deuel.....	12	21	25	19.0	4,257	7,930	9,432	1	
Worth.....	8	12	17	41.7	2,382	3,844	5,256	57	Dixon.....	21	30	32	6.7	2,786	4,169	4,477	81	
Wright.....	28	63	70	11.1	2,009	4,049	4,467	89	Dodge.....	128	228	251	10.1	3,690	6,402	7,006	20	
St. Louis—Independent City.....	2,082	3,061	3,322	8.5	3,237	5,762	6,462	13	Douglas.....	1,537	2,789	3,029	8.6	3,987	6,755	7,420	10	
Montana.....	2,175	4,266	4,637	8.7	3,133	5,648	6,093	-----	Dundy.....	8	18	21	16.7	2,936	6,206	7,264	14	
Sum of SMSA counties.....	573	1,134	1,284	13.2	3,412	6,184	6,938	-----	Fillmore.....	31	52	61	17.3	3,823	6,571	7,658	5	
Sum of non-SMSA counties.....	1,601	3,131	3,352	7.1	3,044	5,476	5,821	-----	Franklin.....	16	25	28	12.0	3,424	5,475	6,259	39	
Beaverhead.....	22	44	48	9.1	2,751	5,312	5,880	23	Frontier.....	11	19	23	21.1	2,719	4,697	5,572	57	
Big Horn.....	26	45	49	8.9	2,632	4,216	4,552	46	Furnas.....	21	36	42	16.7	3,625	5,312	6,234	40	
Blaine.....	17	34	30	-11.8	2,424	4,772	4,239	50	Gage.....	82	153	168	9.8	3,207	6,490	7,155	18	
Broadwater.....	7	15	14	-6.7	2,567	4,955	4,684	43	Garden.....	10	16	19	18.8	3,243	5,656	6,584	30	
Carbon.....	22	36	40	11.1	3,075	4,451	4,904	36	Garfield.....	7	12	13	8.3	2,851	4,540	4,871	74	
Carter.....	8	8	7	-12.5	3,865	4,376	4,157	52	Gosper.....	7	12	14	16.7	3,188	4,796	5,273	63	
Cascade.....	280	504	558	10.7	3,448	6,003	6,612	8	Grant.....	4	5	6	20.0	4,243	5,321	6,232	41	
Chouteau.....	27	51	38	-25.5	4,159	8,104	5,875	24	Creeley.....	15	16	18	12.5	2,744	4,396	4,886	73	
Custer.....	44	72	81	12.5	3,546	5,543	6,173	16	Hall.....	118	272	303	11.4	3,728	6,043	6,553	32	
Daniels.....	12	25	22	-12.0	3,812	7,872	7,174	6	Hamilton.....	32	60	69	15.0	3,634	6,822	7,584	6	
Dawson.....	36	65	69	6.2	3,157	5,686	6,020	19	Harlan.....	14	21	24	14.3	3,140	4,708	5,692	56	
Deer Lodge.....	43	81	85	4.9	2,686	5,509	5,932	20	Hayes.....	5	4	6	50.0	2,917	2,996	3,850	90	
Fallon.....	11	20	20	-----	2,831	4,974	5,069	35	Hitchcock.....	12	23	28	21.7	2,923	5,529	6,755	25	
Fergus.....	42	70	71	1.4	3,273	5,296	5,335	31	Holt.....	28	54	61	13.0	2,195	4,130	4,661	77	
Flathead.....	119	258	294	14.0	3,060	5,631	6,332	14	Hooker.....	5	6	6	20.0	2,867	5,099	5,860	49	
Gallatin.....	85	191	213	11.5	2,673	5,092	5,531	29	Howard.....	3	31	34	9.7	2,963	4,568	5,062	70	
Garfield.....	8	10	9	-10.0	4,391	5,492	5,285	32	Jefferson.....	33	59	66	11.9	3,181	5,773	6,337	36	
Glacier.....	28	67	71	6.0	2,578	6,115	6,513	10	Johnson.....	18	30	33	10.0	3,082	5,526	6,012	45	
Golden Valley.....	3	4	4	-----	2,879	3,799	3,780	56	Kearney.....	24	46	53	15.2	3,692	6,733	7,900	4	
Granite.....	6	13	14	7.7	2,328	4,861	5,151	34	Keith.....	30	55	64	16.4	3,552	5,857	6,767	24	
Hill.....	57	118	118	-----	3,280	6,473	6,439	11	Keya Paha.....	4	4	5	25.0	2,626	2,968	3,484	92	
Jefferson.....	13	25	28	12.0	2,449	3,691	3,903	55	Kimball.....	19	38	46	21.1	3,035	7,131	9,304	2	
Judith Basin.....	10	16	14	-12.5	3,119	5,866	4,861	39	Knox.....	27	43	46	7.0	2,244	3,467	4,017	87	
Lake.....	33	67	74	10.4	2,269	3,838	4,214	51	Lancaster.....	632	1,252	1,381	10.3	3,819	6,851	7,512	7	
Lewis and Clark.....	123	249	285	14.5	3,755	6,560	7,259	4	Lincoln.....	95	210	245	16.7	3,236	6,073	6,625	29	
Liberty.....	10	21	20	-4.8	4,376	8,656	7,394	2	Logan.....	3	4	5	25.0	2,718	4,108	4,672	76	
Lincoln.....	56	78	87	11.5	3,200	4,702	5,228	33	Loup.....	2	2	3	50.0	1,965	2,338	2,805	93	
McCone.....	9	21	18	-14.3	3,175	7,443	6,356	13	McPherson.....	2	2	3	50.0	3,072	3,817	4,161	85	
Madison.....	11	22	25	13.6	2,110	3,944	4,484	48	Madison.....	88	190	213	12.1	3,230	6,550	7,255	15	
Meagher.....	5	12	13	8.3	2,514	5,448	6,035	17	Merrick.....	27	42	47	11.9	3,176	4,651	5,142	66	
Mineral.....	8	19	20	5.3	2,703	5,474	6,023	18	Morrill.....	15	28	33	17.9	2,592	4,691	5,164	65	
Missoula.....	178	374	440	17.6	3,125	5,617	6,589	9	Nance.....	14	22	24	9.1	2,795	4,607	5,108	68	
Musselshell.....	11	21	23	9.5	2,838	4,834	4,890	37	Nemaha.....	31	48	54	12.5	3,541	5,933	6,817	23	
Petroleum.....	2	3	3	-----	2,694	4,495	4,620	44	Nuckolls.....	21	36	40	11.1	2,841	5,138	5,766	54	
Phillips.....	14	25	24	-4.0	2,647	4,585	4,420	49	Otoe.....	54	100	112	12.0	3,464	6,601	7,398	11	
Pondera.....	23	48	48	-----	3,465	6,866	6,403	12	P									

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Nevada.....	2,041	4,412	5,055	14.6	4,252	7,202	7,980	-----	Socorro.....	23	43	47	9.3	2,358	4,254	4,761	21
Sum of SMSA counties.....	1,689	3,682	4,245	15.3	4,377	7,429	8,229	-----	Taos.....	31	74	80	8.1	1,801	3,725	4,023	28
Sum of non-SMSA counties.....	352	729	809	11.0	3,740	6,239	6,887	-----	Torrance.....	11	25	29	16.0	2,060	3,737	4,209	24
Churchill.....	31	72	73	1.4	2,917	6,039	6,066	11	Union.....	15	21	26	23.8	3,055	4,186	5,177	15
Clark.....	1,137	2,436	2,783	14.2	4,250	7,056	7,735	3	Valencia.....	87	226	266	17.7	2,162	4,612	5,177	16
Douglas.....	37	98	115	17.3	5,487	8,200	9,030	2	New York	78,353	125,089	134,762	7.7	4,328	6,929	7,519	-----
Elko.....	56	100	113	13.0	4,003	6,497	7,464	4	Sum of SMSA counties.....	72,067	114,040	122,849	7.7	4,458	7,135	7,750	-----
Esmeralda.....	2	4	4	-----	3,899	5,148	5,543	17	Sum of non-SMSA counties.....	6,286	11,049	11,913	7.8	3,240	5,338	5,749	-----
Eureka.....	5	6	7	16.7	4,843	5,054	6,149	10	Albany.....	1,153	1,954	2,109	7.9	4,029	6,788	7,356	9
Humboldt.....	23	43	47	9.3	3,582	6,029	6,168	9	Allegany.....	130	233	250	7.3	3,804	4,617	4,949	57
Lander.....	9	19	20	5.3	3,570	5,744	6,059	12	Bronx.....	4,899	7,096	7,498	5.7	3,349	5,338	5,800	39
Lincoln.....	7	13	16	23.1	2,625	4,806	5,843	14	Broome.....	829	1,342	1,474	9.8	3,736	6,099	6,722	17
Lyon.....	27	59	64	8.5	3,272	5,540	6,017	13	Cattaraugus.....	241	441	441	7.6	2,953	4,800	5,193	54
Mineral.....	26	37	37	-----	3,610	5,886	6,568	7	Cayuga.....	251	424	456	7.5	3,275	5,430	5,871	37
Nye.....	22	32	35	9.4	4,030	5,336	5,801	15	Chautauqua.....	489	821	884	7.7	3,321	5,573	6,032	34
Pershing.....	12	19	19	-----	4,359	6,712	6,437	8	Chemung.....	357	585	623	6.5	3,522	5,852	6,293	24
Storey.....	2	5	6	20.0	3,633	4,991	5,585	16	Chenango.....	148	242	262	8.3	3,214	5,031	5,398	49
Washoe.....	552	1,246	1,462	17.3	4,664	8,284	9,368	1	Clinton.....	189	369	396	7.3	2,599	4,467	4,748	59
White Pine.....	33	50	56	12.0	3,322	5,098	6,608	6	Columbia.....	173	308	338	9.7	3,883	5,548	5,923	36
Carson City.....	60	172	198	15.1	3,885	6,641	7,234	5	Cortland.....	144	252	263	4.4	3,163	5,211	5,488	48
New Hampshire	2,559	4,963	5,582	12.5	3,535	6,001	6,578	-----	Delaware.....	137	221	239	8.1	3,074	4,674	5,024	56
Sum of SMSA counties.....	1,333	2,611	2,949	12.9	3,757	6,289	6,893	-----	Dutchess.....	864	1,590	1,719	8.1	3,952	6,831	7,416	8
Sum of non-SMSA counties.....	1,227	2,352	2,633	11.9	3,322	5,710	6,258	-----	Erie.....	4,243	6,961	7,573	8.8	3,827	6,403	7,036	13
Belknap.....	115	222	249	12.2	3,639	6,003	6,548	4	Essex.....	100	173	187	8.1	2,876	4,858	5,224	52
Carroll.....	62	133	151	13.5	3,414	5,730	6,240	7	Franklin.....	111	195	210	7.7	2,517	4,335	4,682	60
Cheshire.....	185	338	379	12.1	3,616	5,914	6,521	6	Fulton.....	166	282	309	9.6	3,161	5,121	5,611	46
Coos.....	98	186	203	9.1	2,853	5,311	5,756	9	Genesee.....	211	354	378	6.8	3,611	5,801	6,248	26
Grafton.....	180	355	396	11.5	3,315	5,946	6,541	5	Greene.....	113	212	230	8.5	3,414	5,539	6,043	33
Hillsborough.....	852	1,568	1,766	12.6	3,852	6,310	6,917	1	Hamilton.....	12	24	26	8.3	2,647	4,861	5,184	55
Merrimack.....	278	542	608	12.2	3,489	6,146	6,780	3	Herkimer.....	285	376	400	6.4	3,911	5,577	6,091	31
Rockingham.....	481	1,042	1,183	13.5	3,601	6,258	6,857	2	Jefferson.....	290	478	513	7.3	3,166	5,210	5,650	42
Strafford.....	213	398	448	12.6	3,086	5,076	5,489	10	Kings.....	9,385	13,847	14,727	6.4	3,614	5,814	6,279	25
Sullivan.....	96	199	177	12.4	3,132	5,351	5,979	8	Lewis.....	64	109	116	6.4	2,885	4,326	4,565	62
New Jersey	30,930	53,699	58,561	9.1	4,359	7,298	7,969	-----	Livingston.....	180	311	333	7.1	3,880	5,438	5,845	38
Sum of SMSA counties.....	29,439	50,163	54,620	8.9	4,399	7,382	8,071	-----	Madison.....	194	329	352	7.0	3,121	5,007	5,364	50
Sum of non-SMSA counties.....	1,491	3,537	3,941	11.4	3,706	6,288	6,783	-----	Monroe.....	3,175	5,382	5,833	8.4	4,533	7,575	8,256	4
Atlantic.....	637	1,159	1,259	8.6	3,648	6,082	6,634	18	Montgomery.....	193	306	334	9.2	3,443	5,576	6,131	29
Bergen.....	4,798	8,152	8,854	8.6	5,369	9,281	10,128	1	Nassau.....	7,890	12,901	13,857	7.4	5,539	9,186	9,926	3
Burlington.....	1,294	2,279	2,458	7.9	4,130	6,838	6,803	16	New York.....	10,442	15,499	15,729	7.7	6,764	10,375	11,336	1
Camden.....	1,745	3,045	3,310	8.7	3,869	6,424	6,988	14	Niagara.....	873	1,446	1,591	10.0	3,712	6,052	6,723	16
Cape May.....	206	461	509	10.4	3,485	6,176	6,690	17	Oneida.....	903	1,474	1,586	7.6	3,303	5,560	6,073	32
Cumberland.....	414	763	832	9.0	3,432	5,763	6,361	20	Onondaga.....	1,779	2,960	3,230	9.1	3,787	6,224	6,855	14
Essex.....	4,118	6,348	6,809	7.3	4,450	7,310	8,004	6	Ontario.....	296	524	567	8.2	3,778	6,124	6,507	19
Gloucester.....	572	1,092	1,194	9.3	3,364	5,642	6,093	21	Orange.....	831	1,534	1,680	9.5	3,807	6,278	6,779	15
Hudson.....	2,356	3,936	4,235	7.6	3,852	6,856	7,507	10	Orleans.....	183	223	244	9.4	3,600	5,765	6,307	22
Hunterdon.....	289	593	663	11.8	4,219	7,369	8,053	5	Oswego.....	293	567	636	12.2	2,941	5,121	5,748	40
Mercer.....	1,234	2,207	2,423	9.8	4,036	6,918	7,644	9	Otsego.....	174	299	324	8.4	3,121	5,136	5,629	44
Middlesex.....	2,389	4,339	4,744	9.3	4,169	7,325	7,993	7	Putnam.....	226	458	503	9.8	4,149	6,517	7,055	12
Monmouth.....	1,936	3,544	3,866	9.1	4,292	7,225	7,863	8	Queens.....	9,526	14,176	15,193	7.2	4,844	7,200	7,773	6
Morris.....	1,827	3,303	3,655	10.7	4,852	8,372	9,162	3	Rensselaer.....	515	876	936	6.8	3,994	5,765	6,204	27
Ocean.....	706	1,810	2,024	11.8	3,543	5,925	6,365	19	Richmond.....	1,196	2,234	2,440	9.2	4,142	6,796	7,349	10
Passaic.....	1,878	3,148	3,438	9.2	4,074	6,767	7,449	11	Rockland.....	977	1,931	2,103	8.9	4,375	7,593	8,178	5
Salem.....	225	402	443	10.2	3,787	6,427	7,059	13	St. Lawrence.....	305	525	564	7.4	2,719	4,475	4,815	58
Somerset.....	991	1,786	2,009	12.5	5,080	8,719	9,720	2	Saratoga.....	409	834	898	7.7	3,467	5,692	6,122	30
Sussex.....	290	672	745	10.9	3,844	6,605	7,121	12	Schenectady.....	629	1,100	1,193	8.5	3,920	7,026	7,671	7
Union.....	2,753	4,141	4,526	9.3	5,115	8,008	8,823	4	Schoharie.....	69	124	133	7.3	2,818	4,382	4,649	61
Warren.....	273	520	568	9.2	3,756	6,402	6,879	15	Schuyler.....	51	86	93	8.1	3,060	4,839	5,292	23
New Mexico	2,851	6,195	6,957	12.3	2,820	5,285	5,846	-----	Seneca.....	111	198	212	7.1	3,155	5,814	6,301	28
Sum of SMSA counties.....	1,045	2,362	2,649	12.2	3,147	6,008	6,592	-----	Steuken.....	617	617	617	9.6	3,444	5,578	6,137	11
Sum of non-SMSA counties.....	1,806	3,833	4,308	12.4	2,660	4,920	5,466	-----	Suffolk.....	4,383	8,526	9,298	9.1	4,013	6,687	7,197	11
Bernalillo.....	1,017	2,266	2,541	12.1	3,232	6,133	6,726	3	Sullivan.....	186	333	357	7.2	3,575	5,393	5,696	35
Catron.....	5	9	9	-----	2,331	3,667	3,606	31	Tioga.....	162	274	297	8.4	3,515	5,577	6,028	35
Chaves.....	123	252	271	7.5	2,829	5,197	5,503	11	Tompkins.....	255	454	472	4.0	3,343	5,349	5,640	43
Colfax.....	32	64	69	7.8	2,613	4,837	5,350	14	Ulster.....	510	931	1,001	7.5	3,651	6,000	6,482	20
Curry.....	121	220	240	9.1	3,191	5,385	5,832	7	Warren.....								

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Chatham	85	168	186	10.7	2,959	5,535	6,082	14	Burleigh	132	305	344	12.8	3,263	6,307	6,832	3
Cherokee	34	63	68	7.9	2,109	3,587	3,873	96	Cass	273	581	625	7.6	3,718	7,127	7,504	1
Chowan	26	55	60	9.1	2,456	4,786	5,108	56	Cavalier	22	54	42	-22.2	2,646	4,900	4,490	46
Clay	11	21	24	14.3	2,155	3,885	4,215	90	Dickey	19	37	35	-5.4	2,692	5,025	4,694	41
Cleveland	201	406	449	10.6	2,745	5,203	5,764	30	Divide	14	29	26	-10.3	3,102	6,810	6,152	8
Columbus	103	213	222	4.2	2,197	4,170	4,349	87	Dunn	12	21	20	-4.8	3,211	4,369	4,178	50
Craven	171	330	330	7.1	2,766	4,451	4,806	67	Eddy	11	19	19	-----	2,635	4,778	5,053	31
Cumberland	627	1,147	1,221	6.5	2,996	5,018	5,281	50	Emmons	17	25	22	-12.0	2,276	3,875	3,383	52
Currituck	18	44	47	6.8	2,559	4,314	4,721	69	Foster	13	29	26	-10.3	2,716	5,914	5,209	26
Dare	18	49	55	12.2	2,556	5,087	5,387	48	Golden Valley	9	14	13	-7.1	3,771	5,277	5,193	27
Davidson	316	562	625	11.2	3,320	5,590	6,107	13	Grand Forks	179	379	389	2.6	2,999	5,881	5,863	12
Davie	52	112	123	9.8	2,832	5,235	5,532	41	Grant	12	22	21	-4.5	2,288	4,348	4,299	49
Duplin	94	197	193	-2.0	2,514	4,944	4,801	68	Griggs	12	19	18	-5.3	2,867	4,544	4,362	47
Durham	437	916	1,009	10.2	3,344	6,496	7,028	4	Hettinger	15	22	21	-4.5	2,908	4,558	4,493	45
Edgecombe	136	300	318	6.0	2,607	5,504	5,816	28	Kidder	12	20	20	-----	2,647	4,603	4,580	43
Forsyth	783	1,579	1,758	11.3	3,720	6,978	7,712	2	La Moure	20	32	34	6.3	2,812	4,751	4,807	37
Franklin	57	122	130	6.6	2,119	4,358	4,585	75	Logan	10	14	13	-7.1	2,393	3,570	3,214	53
Gaston	442	826	924	11.9	3,027	5,349	5,899	23	McHenry	25	45	43	-4.4	2,722	5,208	5,043	32
Gates	21	44	46	4.5	2,451	5,327	5,577	38	McIntosh	14	24	24	-----	2,402	4,761	4,635	42
Graham	13	27	30	11.1	1,880	3,999	4,389	82	McKenzie	19	34	38	11.8	3,004	5,533	6,043	10
Granville	74	151	166	9.9	2,240	4,611	5,067	58	McLean	31	67	70	4.5	2,706	5,666	5,720	13
Greene	39	88	86	-2.3	2,575	5,906	5,808	29	Mercer	16	35	43	22.9	2,543	5,247	6,058	9
Guilford	1,101	2,061	2,261	9.7	3,864	6,858	7,427	3	Morton	53	123	134	8.9	2,572	5,200	5,654	16
Halifax	118	235	247	5.1	2,146	4,279	4,421	81	Mountrail	22	41	40	-2.4	2,557	4,855	4,712	40
Harnett	115	238	257	8.0	2,342	4,428	4,638	71	Nelson	19	30	29	-3.3	3,126	5,179	4,746	39
Haywood	113	221	245	10.9	2,729	5,053	5,599	37	Oliver	7	15	14	-6.7	2,781	6,176	5,456	22
Henderson	127	288	320	11.1	3,022	5,849	6,272	8	Pembina	30	63	55	-12.7	2,771	5,722	4,955	33
Hertford	54	112	118	5.4	2,302	4,666	4,850	64	Pierce	17	33	34	3.0	2,712	5,028	5,187	28
Hoke	32	68	71	4.4	1,924	3,734	3,848	97	Ramsey	40	84	84	-----	3,052	6,097	6,216	7
Hyde	11	23	22	-4.3	2,004	4,107	3,901	95	Ransom	20	41	39	-4.9	2,820	5,851	5,326	25
Iredell	208	399	435	9.0	2,924	5,188	5,536	40	Renville	12	20	20	-----	2,966	5,389	5,534	19
Jackson	45	102	112	9.8	2,083	4,181	4,511	79	Richland	47	93	93	-----	2,574	5,082	4,861	36
Johnston	164	329	346	5.2	2,658	5,014	5,275	52	Rolette	25	55	56	1.8	2,205	4,308	4,355	48
Jones	20	40	40	-2.4	2,103	4,227	4,268	88	Sargant	16	29	27	-6.9	2,611	4,773	4,495	44
Lee	91	185	206	11.4	2,915	5,509	5,978	19	Sheridan	8	20	17	-15.0	2,526	5,779	5,166	29
Lenoir	146	317	335	5.7	2,648	5,368	5,618	36	Sioux	8	16	16	-----	2,146	4,110	3,958	51
Lincoln	94	191	213	11.5	2,925	5,139	5,640	33	Slope	4	8	8	-----	2,641	6,315	5,983	11
McDowell	75	165	185	12.1	2,500	4,934	5,478	43	Stark	48	102	112	9.8	2,436	5,200	5,712	14
Macon	35	78	88	12.8	2,238	4,330	4,672	70	Steele	12	20	17	-15.0	3,034	5,649	4,750	38
Madison	30	62	68	9.7	1,809	3,670	3,943	94	Stutsman	71	138	150	8.7	2,963	5,939	6,345	6
Martin	62	127	132	3.9	2,474	5,058	5,180	55	Towner	16	31	29	-6.5	3,387	7,265	6,437	4
Mecklenburg	1,373	2,632	2,914	10.7	4,021	7,028	7,739	1	Traill	30	61	55	-9.8	3,046	6,338	5,609	17
Mitchell	29	61	67	9.8	2,085	4,401	4,811	66	Walsh	45	85	86	1.2	2,748	5,104	5,130	30
Montgomery	51	97	109	12.4	2,650	4,990	5,692	32	Ward	177	369	394	6.8	3,076	6,020	6,432	5
Moore	114	243	270	11.1	2,936	5,658	6,181	10	Wells	22	42	40	-4.8	2,733	5,757	5,444	23
Nash	155	346	377	9.0	2,629	5,313	5,636	35	Williams	63	125	135	8.0	3,209	6,513	6,937	2
New Hanover	257	537	592	10.2	3,163	5,605	6,074	15	Ohio	39,905	68,365	75,871	11.0	3,778	6,395	7,090	-----
Northampton	44	94	98	4.3	1,799	4,068	4,194	91	Sum of SMSA counties	33,368	56,404	62,563	10.9	3,916	6,604	7,323	-----
Onslow	287	533	570	6.9	2,858	4,633	4,925	62	Sum of non-SMSA counties	6,537	11,960	13,308	11.3	3,200	5,565	6,768	-----
Orange	167	364	406	11.5	2,969	5,349	5,908	21	Adams	41	78	89	14.1	2,176	3,438	3,911	88
Pamlico	19	43	45	4.7	2,065	4,452	4,588	73	Allen	404	671	751	11.9	3,658	6,218	7,031	19
Pasquotank	65	138	147	6.5	2,438	4,865	5,106	57	Ashland	140	286	286	10.4	3,267	5,876	6,382	44
Pender	37	83	89	7.2	2,047	3,964	4,113	92	Ashtabula	329	565	625	10.6	3,370	5,686	6,284	50
Perquimans	19	39	40	2.6	2,177	4,494	4,529	78	Athens	127	231	257	11.3	2,581	4,594	5,043	78
Person	66	129	141	9.3	2,509	4,810	5,181	54	Auglaize	137	242	274	13.2	3,570	5,876	6,641	36
Pitt	183	407	433	6.4	2,489	5,130	5,428	45	Belmont	248	493	542	9.9	3,085	5,974	6,569	41
Polk	38	77	85	10.4	3,220	6,122	6,556	7	Brown	74	133	152	14.3	2,790	4,470	4,946	80
Randolph	249	461	513	11.3	3,263	5,591	6,168	11	Butler	788	1,466	1,634	11.5	3,522	5,968	6,521	43
Richmond	106	192	222	15.6	2,687	4,646	5,306	49	Carroll	59	112	121	8.0	2,753	4,471	4,761	83
Robeson	175	379	407	7.4	2,072	4,066	4,355	86	Champaign	108	188	206	9.6	3,545	5,839	6,304	48
Rockingham	219	407	445	9.3	3,040	5,302	5,902	22	Clark	538	905	996	10.1	3,496	5,978	6,651	34
Rowan	272	491	543	10.6	3,068	5,347	5,819	27	Clermont	295	605	685	13.2	3,068	5,450	6,031	60
Rutherford	122	252	276	9.5	2,565	4,973	5,404	46	Clinton	129	230	259	12.6	4,142	7,063	7,899	2
Sampson	106	216	225	4.2	2,320	4,492	4,611	72	Columbiana	341	605	663	9.6	3,154	5,412	5,862	65
Scotland	70	140	157	12.1	2,593	4,783	5,279	51	Coshocton	108	212	240	13.2	3,242	6,129	6,959	23
Stanly	133	240	267	11.3	3,125	5,361	5,936	20	Crawford	180	305	335	9.8	3,587	6,072	6,793	31
Stokes	59	134	145	8.2	2,472	4,675	4,977	60	Cuyahoga	7,789	12,187	13,443	10.3	4,561	7,720	8,608	1
Surry	155	290	316	9.0	3,047	5,279	5,693	31	Darke	165	307	338	10.1	3,431	5,658	6,185	54
Swain	19	42	45	7.1	2,241	4,081	4,368	84	Defiance	129	258	277	7.4	3,540	6,936	7,443	7
Transylvania	50	107	118	10.3	2,541	5,010	5,392	47	Delaware	144	287	322	12.2	3,540	5,686	6,307	47
Tyrrell	7	17	17	-----	1,933	4,326	4,358	85	Erie	299	511	568	11.2	3,963	6,643	7,403	8
Union	157	332	371	11.7	2,910	5,315	5,836	26	Fairfield	243	508	568	11.8	3,353	5,921	6,586	39
Vance	86	173	190	9.8	2,620	5,160	5,501	42	Fayette	81	142	162	14.1	3,179	5,392	6,199	52
Wake	809	1,726	1,922	11.4	3,639	6,468	6,993	5	Franklin	3,027	5,446	6,047	11.0	3,711	6,321	6,924	2
Warren	33	61	64	4.9	2,088	3,720	3,757	99	Fulton	123	226	251	11.1	3,757	6,306	6,940	26
Washington	34	69	74	7.2	2,444	4,617	4,946	61	Galla	59							

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Lawrence	153	294	322	9.5	2,703	4,796	5,174	76	McIntosh	23	49	56	14.3	1,799	3,510	3,956	70
Licking	352	646	722	11.8	3,318	5,662	6,273	51	Major	20	40	47	17.5	2,812	4,913	5,652	28
Logan	119	228	257	12.7	3,395	6,124	6,947	25	Marshall	17	39	44	12.8	2,207	4,393	4,843	51
Lorain	926	1,662	1,904	14.6	3,646	6,326	7,212	13	Mayes	57	136	155	14.0	2,482	4,833	5,499	35
Lucas	1,885	3,253	3,589	10.3	3,925	6,900	7,612	4	Murray	26	47	52	10.6	2,322	4,353	4,712	59
Madison	89	169	190	12.4	3,154	5,276	6,025	62	Muskogee	166	346	386	11.6	2,743	5,423	5,920	22
Mahoning	1,090	1,830	2,027	10.8	3,612	6,086	6,755	32	Noble	28	61	76	24.6	2,722	5,730	6,831	8
Marion	217	415	463	11.6	3,377	6,206	6,953	24	Nowata	27	53	61	15.1	2,675	5,018	5,721	26
Medina	314	630	726	15.2	3,791	6,193	6,818	30	Okfuskee	21	40	46	15.0	1,946	3,544	3,890	72
Meigs	44	113	123	8.8	2,217	5,290	5,663	70	Oklahoma	1,884	3,673	4,088	11.3	3,688	6,759	7,514	4
Mercer	119	214	234	9.3	3,416	5,702	6,127	55	Okmulgee	86	162	184	13.6	2,392	4,398	4,909	50
Miami	340	587	662	12.8	4,049	6,720	7,572	5	Osage	81	152	172	13.2	2,664	4,683	5,075	43
Monroe	39	69	83	20.3	2,496	4,392	5,195	75	Ottawa	84	150	181	20.7	2,784	4,747	5,635	31
Montgomery	2,487	3,944	4,352	10.3	4,135	6,749	7,500	6	Pawnee	29	63	70	11.1	2,520	4,700	5,064	44
Morgan	34	77	77	14.9	2,768	4,994	5,766	68	Payne	117	252	284	12.7	2,385	4,456	4,965	49
Morrow	62	115	132	14.8	2,934	4,767	5,341	74	Pittsburg	96	162	179	10.5	2,563	4,255	4,763	56
Muskingum	233	433	480	10.9	2,997	5,352	5,924	63	Pontotoc	74	153	172	12.4	2,725	4,947	5,450	36
Noble	24	45	50	11.1	2,304	3,964	4,392	86	Pottawatomie	113	252	290	15.1	2,669	4,969	5,600	32
Ottawa	135	252	269	6.7	3,677	6,649	6,988	20	Pushmataha	16	31	36	16.1	1,634	2,912	3,350	75
Paulding	64	125	134	7.2	3,364	6,158	6,578	40	Roger Mills	11	21	27	28.6	2,320	4,820	6,138	17
Perry	69	130	146	12.3	2,510	4,516	5,103	77	Rogers	75	179	203	13.4	2,913	5,122	5,640	30
Pickaway	118	225	260	15.6	3,007	5,168	5,851	66	Seminole	57	122	135	10.7	2,178	4,359	4,769	55
Pike	44	84	98	16.7	2,304	4,038	4,694	85	Sequoyah	47	102	115	12.7	2,085	3,759	4,151	66
Portage	392	698	774	10.9	3,185	5,265	5,838	67	Stephens	109	235	270	14.9	2,957	5,988	6,777	10
Preble	114	189	210	11.1	3,282	5,205	5,724	69	Texas	64	171	139	-18.7	4,034	9,282	7,682	3
Putnam	100	187	198	5.9	3,268	5,785	6,198	53	Tillman	35	62	70	12.9	2,618	5,012	5,732	25
Richland	475	784	893	13.9	3,681	5,990	6,850	28	Tulsa	1,535	3,181	3,546	11.5	3,871	7,476	8,272	2
Ross	180	329	374	13.7	2,938	5,381	6,052	58	Wagoner	52	123	138	12.2	2,451	4,379	4,595	60
Sandusky	198	373	411	10.2	3,271	6,005	6,608	38	Washington	185	373	426	14.2	4,454	8,726	9,972	1
Scioto	219	359	396	10.3	2,825	4,308	4,839	81	Washita	48	56	63	12.5	3,709	4,839	4,750	57
Seneca	208	380	423	11.3	3,441	6,351	7,104	17	Woods	34	65	66	1.5	2,754	6,108	6,480	11
Shelby	132	237	265	11.8	3,545	5,911	6,553	42	Woodward	46	114	127	11.4	3,040	6,554	7,030	7
Stark	1,364	2,325	2,567	10.4	3,688	6,183	6,836	29	Oregon	7,169	14,825	16,666	12.4	3,477	6,374	7,014	-----
Summit	2,149	3,396	3,809	12.2	3,884	6,376	7,212	12	Sum of SMSA counties	4,724	9,561	10,772	12.7	3,744	6,819	7,563	-----
Trumbull	880	1,612	1,777	10.2	3,816	6,726	7,389	9	Sum of non-SMSA counties	2,446	5,264	5,894	12.0	3,056	5,697	6,192	-----
Tuscarawas	252	439	486	10.7	3,277	5,454	6,067	57	Baker	46	78	87	11.5	2,997	4,984	5,494	32
Union	79	157	177	12.7	3,364	5,731	6,293	49	Benton	147	311	360	15.8	2,852	4,941	5,563	30
Van Wert	99	200	218	9.0	3,403	6,825	7,216	11	Clackamas	595	1,358	1,525	12.3	3,811	6,581	7,220	5
Vinton	20	40	46	15.0	2,059	3,842	4,324	87	Clatsop	92	180	205	13.9	3,293	6,153	6,954	9
Warren	276	488	549	12.5	3,268	5,493	6,068	56	Columbia	85	183	203	10.9	3,002	5,632	6,118	25
Washington	173	319	360	12.9	3,053	5,356	6,037	59	Coos	173	336	380	13.1	3,109	5,602	6,244	21
Wayne	293	534	565	11.4	3,411	5,705	6,333	46	Crook	31	67	75	11.9	3,130	5,682	6,306	17
Williams	122	220	248	12.7	3,659	6,347	7,102	18	Curry	38	81	92	13.6	2,870	5,641	6,302	18
Wood	308	622	687	10.5	3,460	6,135	6,731	33	Deschutes	97	257	303	17.9	3,252	6,041	6,389	15
Wyandot	70	137	153	11.7	3,212	6,127	6,959	22	Douglas	213	479	537	12.1	3,031	5,786	6,330	16
Oklahoma	7,784	15,789	17,621	11.6	3,071	5,700	6,269	-----	Gilliam	10	14	9	-35.7	3,996	6,265	4,464	36
Sum of SMSA counties	4,694	9,583	10,683	11.5	3,395	6,228	6,846	-----	Grant	23	42	45	7.1	3,409	5,664	6,126	24
Sum of non-SMSA counties	3,090	6,206	6,938	11.8	2,681	5,040	5,548	-----	Harney	23	48	55	14.6	3,176	6,436	7,099	7
Adair	24	48	55	14.6	1,595	2,852	3,133	77	Hood River	44	104	112	7.7	3,327	7,143	7,638	4
Alfalfa	25	41	40	-2.4	3,119	5,529	5,164	42	Jackson	277	627	713	13.7	2,947	5,545	6,022	27
Atoka	17	30	36	20.0	1,648	2,616	3,145	76	Jefferson	24	46	55	19.6	2,783	4,578	5,388	33
Beaver	22	45	44	-2.2	3,341	7,237	6,823	9	Josephine	99	248	283	14.1	2,763	5,228	5,514	31
Beckham	43	80	87	21.3	2,654	5,069	5,959	20	Klamath	161	309	353	14.2	3,253	5,586	6,288	19
Blaine	31	62	69	11.3	2,682	4,858	5,330	39	Lake	21	37	42	13.5	3,431	5,632	6,266	20
Bryan	57	116	131	12.9	2,162	4,253	4,777	54	Lane	645	1,413	1,621	14.7	3,087	5,819	6,513	13
Caddo	70	146	158	8.2	2,387	4,557	4,982	48	Linn	75	138	159	16.0	2,928	5,788	6,598	11
Canadian	98	246	277	12.6	3,160	5,449	5,742	24	Lincoln	210	460	518	12.6	2,988	5,569	6,164	23
Carter	102	228	264	15.8	2,726	5,477	6,136	18	Malheur	68	134	133	-7.7	2,946	5,466	5,325	34
Cherokee	43	100	113	13.0	1,900	3,851	4,349	63	Marion	490	1,063	1,201	13.0	3,300	6,169	6,805	10
Choctaw	16	34	34	0.0	3,722	3,871	4,280	16	Morrow	16	58	52	-10.3	3,524	10,394	9,052	1
Cimarron	16	34	34	0.0	3,722	3,871	4,280	16	Multnomah	2,289	4,140	4,601	11.1	4,091	7,714	8,424	2
Cleveland	202	519	582	12.1	2,692	5,074	5,566	33	Polk	96	207	231	11.6	2,750	5,160	5,688	29
Coal	10	20	22	15.0	1,883	3,257	3,751	73	Sherman	10	17	15	-11.8	4,501	8,195	7,198	6
Comanche	335	552	592	7.2	2,966	4,735	5,026	46	Tillamook	51	107	121	13.1	2,865	5,786	6,454	14
Cotton	18	33	36	9.1	2,652	4,732	5,031	45	Umatilla	148	305	320	4.9	3,324	6,132	6,195	22
Craig	41	85	93	9.4	2,809	5,795	6,185	15	Union	57	116	136	17.2	2,946	5,254	6,044	26
Creek	122	258	289	12.0	2,684	5,084	5,427	37	Wallowa	18	43	41	-4.7	2,941	6,342	5,998	28
Custer	64	128	144	12.5	2,896	5,715	6,394	13	Wasco	68	135	144	6.7	3,392	6,639	7,068	8
Delaware	29	68	77	13.2	1,628	3,338	3,610	74	Washington	609	1,380	1,594	15.5	3,961	7,017	7,929	3
Dewey	15	30	33	10.0	2,608	5,109	5,249	40	Wheeler	6	11	10	-9.1	3,155	5,387	5,313	35
Ellis	17	32	36	12.5	3,202	6,046	7,130	5	Yamhill	116	269	308	14.5	2,929	5,874	6,514	12
Garfield	188	354	401	13.3	3,373	5,903	6,468	12	Pennsylvania	42,692	75,529	82,508	9.2	3,636	6,399	7,001	-----
Garvin	65	133	151	13.5	2,495	4,927	5,645	29	Sum of SMSA counties	36,087	63,255	69,046	9.2	3,788	6,656	7,282	-----
Grady	81	172	193														

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

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Columbia	161	301	326	8.3	2,926	5,098	5,484	53	McCormick	16	31	33	6.5	1,868	3,721	3,958	43
Crawford	253	451	495	9.8	3,121	5,264	5,811	41	Marion	66	144	151	4.9	2,229	4,502	4,741	33
Cumberland	600	1,222	1,349	10.4	3,877	7,226	7,849	5	Marlboro	57	109	117	7.3	2,095	3,840	4,150	39
Dauphin	795	1,479	1,615	9.2	3,557	6,631	7,224	9	Newberry	83	168	177	5.4	2,863	5,452	5,764	12
Delaware	2,654	4,364	4,714	8.0	4,458	7,430	8,076	2	Oconee	113	216	237	9.7	2,837	4,912	5,219	21
Elk	119	209	233	11.5	3,160	5,631	6,386	24	Orangeburg	158	333	361	8.4	2,265	4,303	4,614	34
Erle	905	1,668	1,829	3.7	3,451	6,071	6,735	16	Pickens	155	347	385	11.0	2,641	5,036	5,559	13
Fayette	402	786	860	9.4	2,577	5,053	5,498	51	Richland	734	1,535	1,666	8.5	3,208	6,262	6,732	1
Forest	12	26	28	7.7	2,545	5,011	5,359	55	Saluda	30	62	68	9.7	2,013	4,022	4,374	36
Franklin	336	626	675	7.8	3,374	5,843	6,355	26	Spartanburg	516	1,069	1,167	9.2	3,007	5,615	6,077	5
Fulton	25	46	51	10.9	2,309	3,839	4,375	67	Sumter	188	371	410	10.5	2,351	4,483	4,951	26
Greene	90	186	204	9.7	2,466	4,850	5,202	58	Union	77	144	152	5.6	2,523	4,840	5,052	23
Huntingdon	102	181	198	9.4	2,601	4,520	4,979	65	Williamsburg	61	136	146	7.4	1,759	3,779	4,033	41
Indiana	199	441	484	9.8	2,516	5,100	5,556	50	York	237	508	571	12.4	2,829	5,348	5,893	10
Jefferson	116	240	268	11.7	2,654	5,130	5,678	47	Sum of South Dakota counties	1,933	3,457	4,102	18.7	2,894	5,043	5,953	-----
Juniata	49	100	109	9.0	2,941	5,537	5,941	39	Sum of non-SMSA counties	562	1,132	1,285	13.5	3,271	6,019	6,644	-----
Lackawanna	1,298	1,399	1,399	8.6	3,103	5,576	6,021	35	Aurora	1,371	2,325	2,817	21.2	2,763	4,674	5,683	-----
Lancaster	1,182	2,191	2,403	9.7	3,745	6,365	6,909	12	Beadle	11	17	19	11.8	2,563	4,234	4,723	58
Lawrence	358	584	640	3.6	3,320	5,519	6,014	37	Bennett	66	110	123	11.8	3,174	5,467	6,253	13
Lebanon	343	633	696	10.0	3,469	5,987	6,641	18	Bon Homme	7	11	17	54.5	2,321	3,462	5,360	46
Lehigh	904	1,821	2,002	9.9	3,579	6,893	7,595	6	Brookings	23	41	40	-2.4	2,671	5,072	4,977	54
Luzerne	1,068	1,981	2,154	8.7	3,117	5,798	6,326	25	Brown	54	106	123	16.0	2,443	4,662	5,464	40
Lycoming	366	656	716	9.1	3,244	5,703	6,326	28	Brunswick	113	203	248	22.2	3,092	5,451	6,641	8
McKean	178	304	334	9.9	3,414	6,009	6,420	23	Brule	17	27	31	14.8	2,893	4,808	5,453	42
Mercer	420	718	789	3.9	3,305	5,621	6,239	31	Buffalo	4	7	8	14.3	2,100	3,991	4,109	64
Mifflin	139	231	250	8.2	3,069	5,209	5,633	49	Butte	24	40	45	12.5	3,042	4,824	5,346	47
Monroe	165	346	383	10.7	3,686	6,184	6,635	19	Campbell	7	10	17	70.0	2,547	4,078	6,967	5
Montgomery	3,386	5,691	6,225	9.4	5,531	9,016	9,909	1	Charles Mix	25	43	46	7.0	2,423	4,158	4,455	61
Montour	45	81	89	9.9	2,699	4,867	5,356	56	Clark	15	20	32	60.0	2,666	3,610	5,745	29
Northampton	824	1,496	1,617	8.1	3,868	6,672	7,163	10	Clay	35	59	63	6.8	2,688	4,370	4,728	57
Northumberland	307	547	595	8.8	3,079	5,493	6,029	34	Codington	56	104	121	16.3	2,944	5,156	6,037	24
Perry	82	168	184	9.5	2,875	5,211	5,496	52	Corson	11	17	24	41.2	2,208	3,362	4,785	56
Philadelphia	6,986	11,942	11,942	7.6	3,577	6,168	6,692	17	Custer	12	24	27	12.5	2,651	4,642	5,013	53
Pike	38	82	90	9.8	3,250	5,648	6,333	27	Davison	52	100	106	6.0	3,013	5,459	6,112	20
Potter	43	76	85	11.8	2,634	4,480	5,054	63	Day	22	30	46	53.3	2,487	3,596	5,644	37
Schuylkill	493	891	962	8.0	3,060	5,617	6,105	32	Denel	13	21	30	42.9	2,284	3,861	5,732	31
Snyder	86	165	180	9.1	2,973	5,283	5,770	44	Dewey	12	21	26	23.8	2,250	3,565	4,304	63
Somerseset	203	433	480	10.9	2,659	5,510	6,015	36	Douglas	11	20	22	10.0	2,423	4,664	5,091	52
Sullivan	16	28	30	7.1	2,636	4,697	5,002	64	Edmunds	15	20	34	70.0	2,641	3,650	6,155	17
Susquehanna	94	165	182	10.3	2,747	4,409	4,894	66	Fall River	21	52	47	-9.6	2,859	6,203	5,400	45
Tioga	103	192	213	10.9	2,622	4,574	5,157	60	Faulk	12	14	25	78.6	3,010	3,974	7,033	4
Union	81	161	177	9.9	2,861	5,207	5,718	46	Grant	24	43	52	20.9	2,636	4,627	5,410	44
Vanango	192	379	418	10.3	3,072	5,994	6,619	21	Gregory	18	29	35	20.7	2,661	4,452	5,634	38
Warren	165	291	320	10.0	3,486	6,196	6,820	13	Haakon	9	12	22	83.3	3,042	4,285	7,571	1
Washington	691	1,316	1,450	10.2	3,268	6,174	6,788	14	Hamlin	13	22	32	45.5	2,468	3,913	5,693	33
Wayne	88	162	180	11.1	2,989	4,793	5,270	57	Hand	16	25	33	32.0	2,693	4,572	6,157	16
Westmoreland	1,252	2,282	2,516	10.3	3,342	5,986	6,624	20	Hanson	10	15	16	6.7	2,497	4,134	4,536	60
Wyoming	58	114	127	11.4	3,054	4,877	5,192	59	Harding	7	7	7	57.1	3,469	3,938	6,082	22
York	1,009	1,811	2,006	10.8	3,746	6,309	6,941	11	Hughes	43	80	92	15.0	3,656	5,989	6,352	11
Sum of SMSA counties	3,077	5,340	5,836	9.3	3,663	6,253	6,850	-----	Hutchinson	31	51	52	2.0	2,986	5,255	5,469	39
Sum of non-SMSA counties	319	448	496	10.7	3,465	5,484	6,004	-----	Hyde	7	10	14	40.0	2,969	4,176	5,668	35
Bristol	184	317	344	8.5	4,097	6,922	7,532	1	Jackson	6	7	10	42.9	3,918	4,240	6,197	14
Kent	516	966	1,070	10.8	3,714	6,451	7,036	2	Jerauld	9	13	14	7.7	2,660	4,259	4,692	59
Newport	319	448	496	10.7	3,465	5,484	6,004	3	Jones	6	12	12	100.0	3,210	3,853	6,912	6
Providence	2,105	3,558	3,860	8.5	3,672	6,220	6,810	3	Kingsbury	23	34	41	20.6	2,361	4,702	5,759	27
Washington	272	499	563	12.8	3,279	5,777	6,427	4	Lake	30	57	69	21.1	2,634	5,265	6,448	9
Sum of South Carolina counties	7,062	14,766	16,216	9.8	2,748	5,191	5,639	-----	Lawrence	48	93	102	9.7	2,753	5,357	5,935	25
Sum of SMSA counties	3,660	7,746	8,502	9.8	3,037	5,668	6,147	-----	Lincoln	34	61	76	24.6	2,902	4,751	5,744	30
Sum of non-SMSA counties	3,401	7,020	7,715	9.9	2,492	4,751	5,169	-----	Lyman	12	14	25	78.6	2,949	3,348	6,126	18
Abbeville	52	100	108	8.0	2,529	4,624	4,951	25	McCook	18	32	38	18.8	2,473	4,524	5,458	41
Aiken	282	567	632	11.5	3,083	5,889	6,508	4	McPherson	13	17	27	58.8	2,454	3,595	6,079	23
Allendale	19	32	37	15.6	1,948	3,108	3,562	45	Marshall	16	21	35	66.7	2,727	3,617	6,293	12
Anderson	310	619	693	12.0	3,016	5,396	5,947	8	Meade	51	94	111	18.1	2,975	5,098	5,678	34
Bamberg	32	65	72	10.8	1,996	3,883	4,341	37	Mellette	6	9	11	22.2	2,272	3,940	5,179	51
Barnwell	41	84	95	13.1	2,364	4,486	5,007	24	Miner	11	19	23	21.1	2,465	4,538	5,652	36
Beaufort	167	355	395	11.3	3,152	5,914	6,643	2	Minnehaha	327	647	739	14.2	3,450	6,403	7,186	3
Berkeley	123	291	330	13.4	2,245	4,072	4,410	35	Moody	18	29	41	41.4	2,269	3,665	5,224	50
Calhoun	23	54	58	7.4	2,272	4,699	4,922	27	Pennington	185	391	435	11.3	3,073	5,693	6,126	19
Charleston	738	1,479	1,575	6.5	2,978	5,624	6,014	6	Perkins	15	22	28	27.3	3,231	4,613	6,093	21
Cherokee	91	190	214	12.6	2,502	4,739	5,234	20	Potter	13	21	28	33.3	2,956	4,869	6,888	7
Chester	74	147	161	9.5	2,466	4,840	5,322	17	Roberts	25	40	61	52.5	2,119	3,401	5,437	43
Chesterfield	77	156	172	10.3	2,260	4,397	4,904	28	Sanborn	10	16	16	-----	2,653	4,552	4,917	55
Clarendon	43	88	96	9.1	1,673	3,203	3,442	46	Shannon	11	22	27	22.7	1,341	2,565	3,127	67
Colleton	59	117	130	11.1	2,082	3,957	4,293	38	Spink	32							

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Campbell	47	117	131	12.0	1,777	3,717	4,070	72	Anderson	74	159	180	13.2	2,568	4,941	5,418	177
Cannon	17	43	45	4.7	2,061	4,616	4,803	47	Andrews	34	76	89	17.1	3,650	6,738	7,872	22
Carroll	64	121	132	9.1	2,514	4,421	4,817	46	Angelina	142	305	346	13.4	2,942	5,467	6,103	121
Carter	93	180	196	8.9	2,146	3,861	4,243	67	Aransas	26	60	67	11.7	2,945	5,495	5,996	128
Cheatham	33	80	92	15.0	2,576	4,688	5,081	37	Archer	16	43	50	16.3	2,660	6,997	7,761	27
Chester	18	40	44	10.0	1,823	3,472	3,769	82	Armstrong	6	14	19	35.7	3,319	6,917	9,626	4
Claiborne	33	79	88	11.4	1,718	3,320	3,504	88	Atascosa	52	108	126	16.7	2,783	5,377	6,249	102
Clay	11	24	26	8.3	1,608	3,515	3,808	79	Austin	34	82	93	13.4	2,525	5,505	6,026	126
Cooke	51	107	117	9.3	2,014	3,881	4,209	70	Bailey	25	34	45	32.4	2,872	4,190	5,802	148
Coffee	93	180	197	9.4	2,880	5,207	5,628	16	Bandera	14	35	37	5.7	3,084	5,555	5,600	162
Crockett	33	62	68	9.7	2,279	4,271	4,712	50	Bastrop	40	89	100	12.4	2,386	4,484	5,009	207
Cumberland	36	90	100	11.1	1,759	3,543	3,897	78	Baylor	15	30	36	20.0	2,882	6,193	7,352	44
Davidson	1,628	2,992	3,357	12.2	3,664	6,649	7,396	1	Bee	58	101	117	15.8	2,511	4,737	5,138	199
Decatur	21	41	43	4.9	2,233	4,232	4,451	58	Bell	370	892	971	8.9	3,069	5,620	6,033	125
De Kalb	23	53	58	9.4	2,107	4,218	4,563	56	Bexar	2,582	5,197	5,719	10.0	3,143	5,555	5,994	129
Diokson	56	125	139	11.2	2,568	4,741	5,158	33	Blanco	10	18	22	22.2	2,898	4,381	5,581	165
Dyer	78	160	177	10.6	2,566	4,948	5,382	24	Borden	3	5	6	20.0	2,808	7,078	8,574	9
Fayette	34	70	77	10.0	1,483	2,904	3,239	92	Bosque	31	66	76	15.2	2,851	5,378	6,126	117
Fentress	19	39	42	7.7	1,481	2,747	2,994	95	Bowie	222	394	437	10.9	3,409	5,433	5,980	133
Franklin	64	122	132	8.2	2,369	4,125	4,428	61	Brazoria	329	863	992	14.9	3,052	6,598	7,331	45
Gibson	136	220	236	7.3	2,858	4,630	5,012	38	Brazos	151	356	407	14.3	2,819	4,700	5,256	189
Giles	53	113	123	8.8	2,385	4,883	5,211	32	Brewster	18	31	35	12.9	2,507	4,000	4,728	222
Grainger	26	56	61	8.9	1,857	3,472	3,807	80	Briscoe	11	17	20	17.6	3,729	6,585	7,706	29
Greene	115	220	249	13.2	2,435	4,346	4,831	44	Brooks	12	29	32	10.3	1,531	3,735	4,097	240
Grundy	19	37	40	8.1	1,743	2,988	3,223	93	Brown	70	146	170	16.4	2,727	4,852	5,751	154
Hambilen	98	213	240	12.7	2,565	4,890	5,394	23	Burleson	21	48	51	6.3	2,139	4,542	4,815	217
Hamilton	884	1,713	1,886	10.1	3,490	6,444	6,897	2	Burnet	31	81	95	17.3	2,846	5,295	5,991	130
Hancock	11	21	23	9.5	1,601	3,227	3,558	87	Caldwell	38	104	116	11.5	1,841	4,738	5,235	190
Hardeman	41	85	97	14.1	1,819	3,743	4,240	69	Calhoun	52	104	117	12.5	2,794	5,823	6,464	86
Hardin	34	82	90	9.8	1,890	4,105	4,369	62	Callahan	21	49	58	18.4	2,522	5,148	5,966	135
Hawkins	73	159	175	10.1	2,190	4,216	4,635	53	Cameron	277	687	751	9.3	1,997	3,942	4,253	236
Haywood	38	70	79	12.9	1,918	3,334	3,715	84	Camp	19	48	53	10.4	2,448	5,805	6,271	100
Henderson	39	83	92	10.8	2,271	4,298	4,632	54	Carson	28	57	60	5.3	4,343	8,943	9,248	7
Henry	56	129	149	15.5	2,358	5,046	5,739	13	Cass	56	115	140	21.7	2,400	4,382	5,292	185
Hickman	28	59	66	11.9	2,304	4,359	4,670	51	Castro	39	61	66	8.2	3,636	5,774	6,219	105
Houston	13	25	28	12.0	2,300	3,942	4,449	59	Chambers	33	81	98	21.0	2,728	6,059	7,018	57
Humphreys	31	68	75	10.3	2,343	4,528	4,984	39	Cherokee	76	180	205	13.9	2,450	5,502	6,341	94
Jackson	13	27	30	11.1	1,604	3,170	3,379	90	Childress	19	38	43	13.2	2,886	5,833	6,677	75
Jefferson	62	126	143	13.5	2,513	4,583	4,941	40	Clay	25	54	63	16.7	2,894	6,309	7,057	56
Johnson	21	51	56	9.8	1,823	3,798	4,065	73	Cochran	12	14	24	71.4	2,117	2,842	4,855	215
Knox	818	1,666	1,844	10.7	2,979	5,592	6,149	8	Coke	8	15	18	20.0	2,678	4,766	5,810	146
Lake	14	28	31	10.7	1,786	3,663	4,241	68	Coleman	28	49	56	14.3	2,716	4,795	5,447	174
Lauderdale	36	98	98	8.9	1,765	3,976	4,312	63	Colin	213	604	686	13.6	3,325	6,305	6,771	70
Lawrence	64	145	164	13.1	2,200	4,448	4,926	42	Collingsworth	14	20	25	25.0	2,806	4,616	5,571	166
Lewis	14	31	35	12.9	2,114	3,838	4,110	71	Colorado	46	99	117	18.2	2,570	5,756	6,776	69
Lincoln	56	111	122	9.9	2,311	4,367	4,831	45	Comal	79	186	209	12.4	3,286	6,215	6,714	72
Loudon	57	131	146	11.5	2,348	4,903	5,420	22	Comanche	32	63	63	12.5	2,854	4,670	5,210	192
McMinn	91	180	199	10.6	2,579	4,513	5,112	34	Concho	7	15	17	13.3	2,479	5,466	6,001	127
McNairy	35	82	92	12.2	1,891	4,010	4,461	57	Cooke	68	153	176	15.0	2,940	6,145	7,161	49
Macon	28	63	71	12.7	2,302	4,470	4,889	43	Coryell	108	264	283	7.2	3,310	5,442	5,947	136
Madison	170	374	424	13.4	2,599	5,259	5,843	10	Cottle	7	18	22	22.2	2,089	5,971	7,409	41
Marion	45	112	112	10.9	2,166	4,537	4,932	41	Crane	13	28	31	10.7	3,069	6,756	7,213	47
Marshall	47	93	104	11.8	2,735	5,159	5,746	12	Crockett	12	27	30	11.1	3,164	6,488	7,101	52
Mauzy	127	253	283	11.9	2,897	5,462	5,929	9	Crosby	26	45	41	-8.9	2,638	5,258	4,737	221
Meigs	11	25	29	16.0	2,071	3,999	4,299	64	Culberson	8	13	18	38.5	2,549	3,606	5,083	202
Monroe	50	96	106	10.4	2,127	3,738	4,020	76	Dallam	26	38	54	42.1	4,175	5,737	8,023	19
Montgomery	185	402	423	5.2	2,980	5,363	5,254	28	Dallas	5,592	10,690	12,069	12.9	4,300	7,360	8,213	13
Moore	9	19	20	5.3	2,555	4,863	5,085	36	Dawson	52	85	86	1.2	3,093	5,391	5,396	179
Morgan	19	43	48	11.6	1,399	2,919	3,191	94	Deaf Smith	79	138	168	21.7	4,448	6,881	8,281	12
Obion	72	168	192	14.3	2,428	5,130	5,815	11	Delta	11	22	24	9.1	2,238	4,728	5,288	186
Overton	26	57	61	7.0	1,739	3,475	3,725	83	Denton	226	575	652	13.4	3,080	5,994	6,700	73
Perry	10	22	23	4.5	1,986	3,703	3,964	77	De Witt	41	80	90	12.5	2,223	4,278	4,778	219
Pickett	7	15	15	15.4	1,740	3,112	3,787	81	Dickens	9	16	21	31.3	2,307	4,587	6,201	108
Polk	27	54	58	7.4	2,287	4,337	4,565	55	Dimmit	11	30	40	33.3	1,226	2,801	3,641	249
Putnam	79	175	196	12.0	2,268	4,297	4,729	49	Donley	10	20	25	25.0	1,758	5,191	6,645	77
Rhea	36	100	113	13.0	2,122	4,694	5,236	30	Duval	19	44	51	15.9	1,579	3,675	4,202	238
Roane	89	201	227	12.9	2,277	4,849	5,256	27	Eastland	46	90	102	13.3	2,597	4,845	5,438	175
Robertson	77	162	177	9.3	2,650	5,059	5,332	26	Ector	294	665	770	15.8	3,342	6,595	7,455	37
Rutherford	180	361	401	11.1	3,071	5,211	5,615	17	Edwards	5	11	11	-----	2,217	5,048	5,076	203
Scott	24	52	61	17.3	1,583	3,081	3,604	85	Ellis	133	293	328	11.9	2,862	5,638	6,194	109
Sequatchie	13	30	33	10.0	2,105	4,058	4,270	65	El Paso	1,021	2,014	2,204	9.4	2,805	4,692	5,071	204
Sevier	69	166	187	12.7	2,486	4,775	5,215	31	Erath	46	102	118	15.7	2,661	5,328	6,214	106
Shelby	2,370	4,560	5,086	11.5	3,318	6,146	6,766	3	Falls	40	88	96	9.1	2,247	5,271	5,868	143
Smith	29	61	69	13.1	2,342	4,587	5,343	25	Fannin	57	108	119	10.2	2,504	4,722	5,139	198
Stewart	17	32	36	12.5	2,319	3,747	4,042	75	Fayette	42	92	107	16.3	2,395	5,308	6,104	120
Sullivan	433	872	872	12.2	3,429	5,698	6,349	5	Fisher	14	29	34	17.2	2,257	4,941	5,698	156
Sumner	153	360	404	12.2													

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Guadalupe	85	201	228	13.4	2,530	5,097	5,760	152	Polk	34	91	105	15.4	2,416	4,981	5,596	163
Hale	104	208	243	16.8	2,581	5,899	6,875	61	Potter	317	640	714	11.6	2,972	6,903	7,684	30
Hall	19	27	30	11.1	3,114	4,568	5,345	182	Presidio	11	21	25	19.0	2,146	4,331	5,191	197
Hamilton	18	37	40	8.1	2,459	4,985	5,304	184	Rains	7	17	20	17.6	2,081	3,851	4,293	234
Hansford	22	39	53	35.9	3,290	6,244	8,454	11	Randall	183	406	468	15.3	3,449	6,563	7,201	48
Hardeman	21	33	39	18.2	3,039	5,164	6,169	112	Reagan	10	23	29	26.1	3,867	6,646	8,208	14
Hardin	77	185	209	13.0	2,568	5,166	5,624	160	Real	3	9	10	11.1	1,395	4,038	4,189	239
Harris	6,694	16,010	18,233	13.9	3,916	7,742	8,527	10	Red River	30	61	68	11.5	2,033	4,203	4,699	223
Harrison	130	240	266	10.8	3,046	5,246	5,807	147	Reeves	46	67	69	3.0	2,890	4,145	4,364	232
Hartley	12	21	27	28.6	4,771	6,512	7,863	23	Refugio	23	56	54	-3.6	2,411	6,175	5,885	141
Haskell	21	38	46	21.1	2,416	4,797	5,987	132	Roberts	2	9	9		2,718	8,156	8,069	18
Hays	75	153	174	13.7	2,678	4,408	5,007	208	Robertson	31	56	69	23.2	2,249	3,944	4,935	214
Hemphill	10	25	35	40.0	3,673	6,455	8,755	8	Rockwall	24	69	79	14.5	3,595	7,437	8,096	16
Henderson	59	145	167	15.2	2,271	4,544	5,044	206	Runnels	35	61	68	11.5	2,922	5,343	5,989	131
Hidalgo	298	776	896	15.5	1,664	3,995	3,859	247	Rusk	85	203	233	14.8	2,646	5,545	6,179	110
Hill	57	122	128	4.9	2,579	5,987	5,708	155	Sabine	15	34	34		2,224	4,557	4,630	224
Hockley	54	97	128	32.0	2,571	4,620	6,114	118	San Augustine	14	33	39	18.2	1,843	4,044	4,602	225
Hood	17	59	72	22.0	2,950	5,793	6,487	85	San Jacinto	12	31	36	16.1	1,790	3,723	3,986	244
Hopkins	58	113	130	15.0	2,824	5,099	5,789	149	San Patricio	110	259	273	5.4	2,306	5,044	5,198	196
Houston	38	86	97	12.8	2,079	4,696	5,210	193	San Saba	12	21	24	14.3	2,005	3,845	4,585	226
Howard	117	228	236	3.5	2,927	6,015	6,316	95	Schleicher	7	14	17	21.4	3,288	5,521	6,233	104
Hudspeth	6	14	16	14.3	2,335	4,827	5,540	169	Scurry	44	103	117	13.6	2,872	5,759	6,504	83
Hunt	136	275	312	13.5	3,058	5,457	6,246	103	Shackelford	9	22	27	22.7	2,953	6,739	8,097	15
Hutchinson	93	182	201	10.4	3,795	7,176	7,765	26	Shelby	47	95	102	7.4	2,313	4,678	4,997	209
Irion	4	6	7	16.7	3,987	5,240	6,392	88	Sherman	18	19	37	94.7	5,372	4,926	9,469	5
Jack	19	37	44	18.9	2,793	5,804	6,802	66	Smith	313	708	809	14.3	3,284	6,446	7,261	46
Jackson	33	78	87	11.5	2,494	6,072	6,698	74	Somervell	6	23	26	13.0	2,322	6,667	7,082	53
Jasper	60	137	153	11.7	2,424	5,072	5,481	172	Starr	23	51	55	7.8	1,275	2,371	2,515	254
Jeff Davis	4	5	6	20.0	2,331	3,799	4,452	230	Stephens	26	54	61	13.0	3,191	6,261	6,883	60
Jefferson	838	1,691	1,896	12.1	3,419	6,896	7,680	31	Sterling	4	4	6	50.0	3,760	4,283	5,850	145
Jim Hogg	10	19	22	15.8	2,095	4,116	4,544	228	Stonewall	6	11	11		2,411	4,775	5,274	187
Jim Wells	72	153	178	16.3	2,225	4,481	5,203	194	Sutton	10	25	28	12.0	3,044	5,372	5,858	144
Johnson	137	319	358	12.2	3,044	5,642	6,106	119	Swisher	41	61	79	29.5	3,786	5,911	7,808	24
Jones	45	88	100	13.6	2,748	5,425	6,097	122	Tarrant	2,664	5,143	5,800	12.8	3,889	6,686	7,437	38
Karnes	30	57	67	17.5	2,208	4,527	5,330	183	Taylor	302	647	715	10.5	3,003	6,117	6,806	65
Kaufman	85	193	217	12.4	2,607	5,536	6,133	115	Terrell	6	11	12	9.1	3,668	5,993	6,658	76
Kendall	25	62	71	14.5	3,903	7,148	7,975	21	Terry	44	72	91	26.4	2,823	5,303	6,598	80
Kenedy	4	6	7	16.7	6,998	10,531	12,166	2	Throckmorton	7	11	13	18.2	2,942	4,868	6,128	116
Kent	3	4	5	25.0	1,938	3,219	4,317	233	Titus	45	119	130	9.2	2,715	6,403	6,848	63
Kerr	65	158	178	12.7	3,343	7,134	7,796	25	Tom Green	216	475	520	9.5	3,019	6,210	6,793	67
Kimble	11	20	23	15.0	2,766	4,952	5,753	153	Travis	923	2,181	2,476	13.5	3,279	5,808	6,379	90
King	2	2	2		3,552	3,693	5,873	142	Trinity	16	35	39	11.4	2,129	4,380	4,972	211
Kinney	4	8	10	25.0	1,768	3,841	4,285	235	Tyler	29	62	69	11.3	2,518	4,380	4,781	218
Kleberg	77	146	163	11.6	2,338	4,427	4,977	210	Upshur	45	110	124	12.7	2,143	4,629	5,057	205
Knox	14	30	36	20.0	2,363	5,457	6,293	98	Upton	13	27	32	18.5	2,584	5,730	6,949	58
Lamar	92	194	210	8.2	2,659	5,063	5,514	170	Uvalde	39	94	111	18.1	2,185	4,766	5,620	161
Lamb	50	98	115	17.3	2,697	5,732	6,568	81	Val Verde	64	134	141	5.2	2,379	4,183	4,392	231
Lampasas	26	60	67	11.7	3,022	5,093	5,769	150	Van Zandt	14	123	140	13.8	2,382	4,578	5,114	200
La Salle	10	16	20	25.0	1,944	3,006	3,530	250	Victoria	153	366	417	13.9	2,813	6,146	6,871	62
Lavaca	43	86	98	14.0	2,412	4,913	5,553	168	Walker	54	147	168	14.3	1,979	4,359	4,943	212
Lee	18	45	54	20.0	2,242	5,161	6,152	114	Waller	31	75	89	18.7	2,219	4,743	5,635	159
Leon	20	39	48	23.1	2,192	4,440	5,353	180	Ward	36	72	82	13.9	2,871	5,703	6,604	78
Liberty	81	227	264	16.3	2,438	5,853	6,561	82	Washington	49	107	123	15.0	2,659	5,361	6,201	107
Limestone	39	85	95	11.8	2,046	4,656	5,199	195	Webb	142	294	331	12.6	1,896	3,526	3,898	246
Lipscomb	12	22	23	4.5	3,155	5,875	6,167	113	Wharton	95	219	235	7.3	3,566	6,005	6,289	99
Live Oak	14	25	34	36.0	2,258	3,869	5,091	201	Wheeler	20	43	50	16.3	2,158	7,001	8,069	17
Llano	23	57	67	17.5	3,229	6,575	7,393	43	Wichita	439	826	915	10.8	3,604	6,691	7,464	36
Loving	2	2	2		433	15,885	18,500	1	Wilbarger	39	80	94	17.5	2,519	5,325	6,253	101
Lubbock	533	1,149	1,299	13.1	2,964	5,792	6,492	84	Willacy	24	55	66	20.0	1,618	3,260	3,915	245
Lynn	27	38	34	-10.5	2,940	4,344	3,832	248	Williamson	94	259	296	14.3	2,591	5,255	5,766	151
McCulloch	23	44	50	13.6	2,585	5,186	6,046	124	Wilson	25	51	56	9.8	1,908	3,690	4,020	242
McLennan	470	928	1,030	11.0	3,122	5,854	6,377	91	Winkler	32	56	60	7.1	3,433	5,994	6,307	97
McMullen	3	4	6	50.0	3,040	5,489	7,632	32	Wise	54	110	123	11.8	2,806	5,023	5,596	164
Madison	16	37	44	18.9	2,053	4,234	4,937	213	Wood	49	118	132	11.9	2,673	5,589	5,978	134
Marion	17	33	39	18.2	2,020	3,887	4,546	227	Yoakum	24	43	56	30.2	3,310	5,777	7,728	28
Martin	13	28	24	-14.3	2,762	5,520	4,835	216	Young	47	111	130	17.1	3,124	6,767	7,481	35
Mason	10	18	18	-14.3	2,756	6,309	5,463	173	Zapata	6	16	18	12.5	1,455	3,068	3,308	251
Matagorda	74	175	227	29.7	2,521	6,041	7,402	42	Zavala	14	39	46	17.9	1,368	3,338	4,041	241
Maverick	26	64	70	9.4	1,343	2,811	2,899	253	Utah	3,065	6,676	7,535	12.9	2,928	5,419	5,943	
Medina	45	101	113	11.9	2,324	4,651	5,226	191	Sum of SMSA counties	2,543	5,476	6,173	12.7	3,050	5,642	6,182	
Menard	8	13	13		2,884	5,247	5,510	171	Sum of non-SMSA counties	523	1,200	1,362	13.5	2,450	4,589	5,056	
Midland	261	571	675	18.2	4,133	7,982	9,307	6	Beaver	9	18	21	16.7	2,300	4,434	5,114	14
Milam	54	109	125	14.7	2,735	5,495	6,358	93	Box Elder	80	161	178	10.6	2,882	5,412	5,838	6
Mills	9	18	20	11.1	2,308	4,317	4,768	220	Cache	98	227	250	10.1	2,352	4,648	5,063	15
Mitchell	23	48	54	12.5	2,379	5,461	6,053	123	Carbon	42	110	127	15.5	2,634	5,712	6,122	4
Montague	42	86	97	12.8	2,867	5,242	5,887	140	Daggett	2	3	4	33.3	2,733	3,771	4,431	21
Montgomery	135	462															

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
Summit.....	17	35	40	14.3	2,872	5,191	5,646	8	Nottoway.....	38	73	78	6.8	2,633	5,166	5,222	83
Tooele.....	67	120	133	10.8	3,104	5,265	5,684	7	Orange.....	45	89	98	10.1	3,243	5,370	5,781	54
Uintah.....	29	83	96	15.7	2,356	4,693	5,322	12	Page.....	41	82	91	11.0	2,442	4,382	4,837	102
Utah.....	321	744	856	15.1	2,388	4,381	4,854	17	Patrick.....	38	71	77	8.5	2,462	4,441	4,772	104
Wasatch.....	14	32	37	15.6	2,438	4,564	5,004	16	Pittsylvania.....	132	275	303	10.2	2,225	4,321	4,765	105
Washington.....	27	74	85	14.9	2,115	3,918	4,381	22	Powhatan.....	19	48	56	16.7	2,481	4,470	4,693	107
Wayne.....	3	7	8	14.3	1,876	3,992	4,749	18	Prince Edward.....	37	73	79	8.2	2,603	4,515	4,871	101
Weber.....	395	768	837	9.0	3,151	5,686	6,168	3	Prince George.....	82	101	116	14.9	3,232	4,866	5,012	93
Vermont.....	1,422	2,578	2,814	9.2	3,254	5,401	5,822	-----	Prince William.....	356	760	820	7.9	3,370	5,984	6,190	43
Sum of SMSA counties.....	337	612	678	10.8	3,501	5,655	6,181	-----	Pulaski.....	82	153	174	13.7	2,775	4,700	5,331	70
Sum of non-SMSA counties.....	1,085	1,967	2,136	8.6	3,185	5,327	5,716	-----	Rappahannock.....	14	28	32	14.3	2,665	5,080	5,583	62
Addison.....	69	129	138	7.0	2,920	4,847	5,138	10	Richmond.....	16	32	35	9.4	2,532	4,929	5,168	85
Bennington.....	102	181	199	9.9	3,569	5,847	6,261	2	Roanoke.....	219	423	463	9.5	3,349	6,125	6,692	29
Caledonia.....	65	125	135	8.0	2,891	5,004	5,286	8	Rockbridge.....	41	70	78	11.4	2,426	4,170	4,682	108
Chittenden.....	337	612	678	10.8	3,501	5,655	6,181	3	Rockingham.....	129	254	284	11.8	2,705	4,757	5,282	75
Essex.....	15	29	31	6.9	2,714	4,537	4,705	13	Russell.....	47	117	129	10.3	1,884	4,285	4,661	109
Franklin.....	92	162	172	6.2	2,959	4,928	5,219	9	Scott.....	55	105	116	10.5	2,222	4,252	4,630	111
Grand Isle.....	11	19	20	5.3	3,051	4,650	4,656	14	Shenandoah.....	62	125	141	12.8	2,693	4,845	5,291	73
Lamoille.....	41	79	86	8.9	3,110	5,141	5,524	7	Smyth.....	77	134	148	10.4	2,451	4,142	4,530	117
Orange.....	51	96	104	8.3	2,922	4,777	5,043	11	Southampton.....	39	79	84	6.3	2,072	4,191	4,389	122
Orleans.....	53	102	108	5.9	2,644	4,612	4,851	12	Spotsylvania.....	45	115	127	10.4	2,735	4,722	4,617	115
Rutland.....	168	302	329	8.9	3,237	5,441	5,888	6	Stafford.....	71	181	204	12.7	2,934	5,509	5,801	53
Washington.....	156	279	305	9.3	3,322	5,738	6,142	4	Surry.....	13	26	26	-----	2,224	4,302	4,370	124
Windham.....	106	191	210	9.9	3,205	5,477	6,076	5	Sussex.....	26	52	55	5.8	2,234	4,652	4,989	94
Windsor.....	158	274	300	9.5	3,605	5,833	6,345	1	Tazewell.....	98	256	281	9.8	2,427	5,407	5,700	59
Virginia.....	15,689	31,904	35,126	10.1	3,400	6,315	6,841	-----	Warren.....	48	98	111	13.3	3,112	5,204	5,771	55
Sum of SMSA counties.....	11,507	23,313	25,629	9.9	3,796	7,029	7,600	-----	Washington.....	86	177	196	10.7	2,407	4,369	4,719	106
Sum of non-SMSA counties.....	4,182	8,591	9,497	10.5	2,642	4,949	5,389	-----	Westmoreland.....	26	59	63	6.8	2,160	4,379	4,625	112
Accomack.....	66	144	160	11.1	2,242	4,625	5,091	87	Wise.....	76	232	254	9.5	2,068	5,372	5,691	60
Albemarle.....	109	232	261	12.5	2,931	4,813	5,223	82	Wythe.....	55	104	120	15.4	2,451	4,373	5,042	91
Alleghany.....	27	49	56	14.3	2,154	3,889	4,462	120	York.....	107	179	199	11.2	3,318	5,715	5,862	51
Amelia.....	17	36	40	11.1	2,239	4,220	4,571	116	Independent City:	-----	-----	-----	-----	-----	-----	-----	-----
Amherst.....	64	123	136	10.6	2,464	4,446	4,966	95	Alexandria.....	540	1,089	1,193	9.6	4,901	10,275	11,389	3
Appomattox.....	26	56	63	12.5	2,678	4,940	5,436	67	Bedford City.....	22	42	47	11.9	3,713	6,253	7,836	13
Arlington.....	989	1,856	2,018	8.7	5,649	11,903	13,036	2	Bristol.....	52	108	119	10.2	2,589	5,332	5,728	57
Augusta.....	122	234	264	12.8	2,774	4,578	5,090	88	Buena Vista.....	18	30	33	10.0	2,792	4,636	4,948	97
Bath.....	13	26	31	19.2	2,447	4,844	5,712	58	Charlottesville.....	143	272	296	8.8	3,692	6,575	7,364	22
Bedford.....	75	151	169	11.9	2,806	5,189	5,535	61	Chesapeake.....	250	560	620	10.7	2,854	5,181	5,524	64
Bland.....	11	23	25	8.7	2,052	4,051	4,152	132	Clifton Forge.....	16	32	35	9.4	2,869	6,377	7,250	23
Botetourt.....	49	100	113	13.0	2,675	4,760	5,269	77	Colonial Heights.....	59	123	135	9.8	3,990	7,232	7,917	12
Brunswick.....	35	68	71	4.4	2,111	4,275	4,497	118	Covington.....	37	63	71	12.7	3,650	6,374	7,820	15
Buchanan.....	60	195	216	10.8	1,834	5,463	6,098	45	Danville.....	152	273	302	10.6	3,256	6,117	6,795	28
Buckingham.....	20	40	44	10.0	1,872	3,565	3,985	134	Emporia.....	17	33	36	9.1	3,121	6,364	7,207	24
Campbell.....	128	232	259	11.6	2,997	5,504	5,821	52	Fairfax City.....	90	197	219	11.2	4,254	9,080	10,450	4
Caroline.....	35	80	88	10.0	2,537	4,925	5,228	80	Falls Church.....	69	140	156	11.4	6,351	14,597	16,339	1
Carroll.....	47	92	103	12.0	2,019	3,829	4,289	129	Franklin.....	25	51	58	13.7	3,642	7,386	8,328	8
Charles City.....	13	25	28	12.0	2,078	3,941	4,309	127	Fredericksburg.....	56	120	133	10.8	3,849	6,979	7,822	14
Charlotte.....	30	53	58	9.4	2,363	4,279	4,625	113	Galax.....	23	45	50	11.1	3,668	6,803	7,562	19
Chesterfield.....	289	752	859	14.2	3,894	6,941	7,404	21	Hampton.....	388	752	819	8.9	3,267	5,940	6,433	38
Clarke.....	24	51	57	11.8	3,002	5,782	6,408	39	Harrisonburg.....	52	101	113	11.9	3,576	5,515	5,993	48
Craig.....	9	17	20	17.6	2,623	4,530	4,932	98	Hopewell.....	78	143	160	11.9	3,332	6,000	6,648	31
Culpeper.....	49	105	118	12.4	2,717	4,949	5,427	68	Lexington.....	22	38	42	10.5	2,831	5,287	5,378	69
Cumberland.....	12	28	31	10.7	1,977	3,909	4,196	130	Lynchburg.....	204	395	440	11.4	3,757	6,062	6,988	25
Dickenson.....	31	89	96	7.9	1,870	4,657	4,797	103	Manassas ²	-----	93	103	10.8	-----	7,678	7,955	11
Dinwiddie.....	53	107	116	8.4	2,467	5,347	5,449	66	Manassas Park ²	-----	45	46	2.2	-----	5,251	5,489	65
Essex.....	17	37	40	8.1	2,436	4,595	4,874	100	Martinsville.....	76	128	141	10.2	3,857	6,869	8,032	10
Fairfax.....	2,040	4,650	5,102	9.7	4,651	8,767	9,489	5	Newport News.....	475	860	945	9.9	3,887	6,054	6,548	37
Fauquier.....	86	183	202	10.4	3,235	6,205	6,681	30	Norfolk.....	1,027	1,567	1,726	10.1	3,956	5,515	6,037	47
Floyd.....	23	41	46	12.2	2,352	4,033	4,379	123	Norton.....	13	29	31	6.9	3,172	6,382	6,929	27
Fluvanna.....	18	43	48	11.6	2,428	4,530	5,083	89	Petersburg.....	141	260	284	9.2	3,145	5,668	6,631	33
Franklin.....	72	145	160	10.3	2,535	4,587	4,883	99	Poquoson ²	-----	40	45	12.5	-----	5,149	5,250	78
Frederick.....	66	147	170	15.6	2,734	5,454	6,072	46	Portsmouth.....	335	612	669	9.3	2,677	5,637	6,120	44
Giles.....	45	79	88	11.4	2,680	4,759	5,320	71	Radford.....	33	58	65	12.1	2,863	4,850	5,301	72
Gloucester.....	43	92	102	10.9	3,046	5,418	5,871	49	Richmond.....	1,064	1,732	1,869	7.9	4,238	7,647	8,337	7
Goochland.....	25	54	60	11.1	2,492	4,799	5,226	81	Roanoke.....	332	649	710	9.4	3,565	6,392	7,413	20
Grayson.....	32	61	65	6.6	2,073	3,968	4,166	131	Salem.....	75	155	170	9.7	3,440	6,452	6,610	35
Greene.....	12	25	28	12.0	2,343	3,598	4,011	133	South Boston.....	27	49	53	8.2	3,844	7,190	6,984	26
Greensville.....	18	35	37	5.7	1,852	3,523	3,526	136	Staunton.....	85	152	170	11.8	3,471	6,859	7,714	17
Halifax.....	64	126	133	5.6	2,089	4,134	4,463	119	Suffolk.....	123	253	274	8.3	2,720	5,459	5,868	50
Hanover.....	129	303	338	11.6	3,509	6,280	6,637	32	Virginia Beach.....	569	1,407	1,569	11.5	3,375	6,274	6,578	36
Henrico.....	626	1,364	1,511	10.8	4,107	7,850	8,649	6	Waynesboro.....	65	113	123	8.8	3,881	6,831	7,655	18
Henry.....	147	286	294	10.5	2,912	4,832	5,284	74	Williamsburg.....	36	82	89	8.5	3,882	7,049	7,793	16
Highland.....	6	10	12	20.0	2,313	4,121	4,644	110	Winchester.....	70	134	151	12.				

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years¹—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977		Millions of dollars			Percent change 1976-77	Dollars			Rank in State 1977
	1969	1976	1977		1969	1976	1977			1969	1976	1977		1969	1976	1977	
King	5,261	9,233	10,245	11.0	4,604	8,042	8,877	11	Burnett	20	45	51	13.3	2,155	4,094	4,440	69
Kitsap	380	782	883	12.9	3,748	6,637	7,320	2	Calumet	88	165	190	15.2	3,256	5,802	6,651	17
Kittitas	68	130	140	7.7	2,798	5,169	5,746	35	Chippewa	132	276	276	11.3	2,843	5,011	5,583	40
Klickitat	38	83	91	9.6	3,088	6,093	6,600	27	Clark	78	143	158	10.5	2,514	4,483	4,946	60
Lewis	144	315	351	11.4	3,205	6,308	6,893	23	Columbia	131	241	287	19.1	3,311	5,755	6,847	15
Lincoln	48	82	87	6.1	5,073	8,332	8,936	1	Crawford	37	68	82	20.6	2,362	4,248	4,846	62
Mason	67	146	164	12.3	3,387	5,987	6,578	29	Dane	1,084	2,046	2,322	13.5	3,875	6,618	7,417	4
Okanogan	82	187	186	11.4	3,312	5,865	6,505	30	Dodge	210	403	461	14.4	3,058	5,572	6,298	26
Pacific	52	105	116	10.5	3,443	6,554	7,191	15	Door	59	136	159	16.9	2,886	5,871	6,596	18
Pend Oreille	16	35	39	11.4	2,681	4,494	4,799	39	Douglas	127	249	268	7.6	2,757	5,511	5,899	31
Pierce	1,532	2,702	2,998	11.0	3,778	6,421	7,079	19	Dunn	71	139	161	15.8	2,473	4,352	4,912	61
San Juan	15	42	48	14.3	4,284	7,408	7,726	7	Eau Claire	228	396	444	12.1	3,519	5,228	6,039	29
Skagit	183	388	421	8.5	3,581	6,968	7,429	9	Florence	7	16	18	12.5	2,225	4,703	4,807	63
Skamania	17	37	43	16.2	2,969	6,338	7,081	18	Fond du Lac	284	505	576	14.1	3,422	5,778	6,538	21
Snohomish	940	1,627	1,826	12.2	3,577	6,038	6,684	26	Forest	15	32	35	9.4	1,971	3,842	4,336	70
Spokane	982	1,964	2,188	11.4	3,564	6,364	7,054	20	Grant	137	253	296	17.0	2,836	4,984	5,796	34
Stevens	51	119	136	14.3	2,996	5,050	5,727	36	Green	101	184	205	11.4	3,792	6,403	7,013	10
Thurston	288	655	773	18.0	3,830	6,737	7,257	14	Green Lake	58	103	122	18.4	3,456	5,910	6,902	12
Wahkiakum	11	24	27	12.5	3,425	6,416	7,117	17	Iowa	58	89	109	22.5	2,983	4,585	5,668	36
Walla Walla	141	286	300	4.9	3,491	6,593	6,922	22	Iron	15	29	33	13.8	2,292	4,308	4,971	58
Whatcom	262	573	643	12.2	3,249	6,256	6,953	21	Jackson	37	77	91	18.2	2,412	4,930	6,027	30
Whitman	129	230	235	2.2	3,549	5,478	5,562	37	Jefferson	201	373	440	18.0	3,411	5,803	6,826	16
Yakima	451	947	1,032	9.0	3,186	6,039	6,587	28	Juneau	51	91	105	15.4	2,786	4,751	5,363	51
West Virginia	4,777	10,033	11,153	11.2	2,736	5,476	5,998	-----	Kenosha	407	813	884	8.7	3,448	6,596	7,081	8
Sum of SMSA counties	2,191	4,229	4,733	11.9	3,305	6,348	7,051	-----	Kewaunee	54	87	110	13.4	2,810	4,888	5,452	47
Sum of non-SMSA counties	2,586	5,804	6,420	10.6	2,388	4,978	5,404	-----	La Crosse	258	499	559	12.0	3,217	5,833	6,408	22
Barbour	30	71	81	14.1	2,171	4,427	4,924	35	Lafayette	51	88	109	23.9	2,857	4,901	6,193	27
Berkeley	109	218	243	11.5	2,900	5,245	5,797	17	Langlade	46	84	104	23.8	2,301	4,302	5,351	52
Boone	53	148	164	10.8	2,121	5,121	5,464	22	Lincoln	62	124	141	13.7	2,593	5,007	5,682	35
Braxton	22	44	48	9.1	1,780	3,373	3,663	55	Manitowoc	260	477	535	12.2	3,158	5,763	6,442	24
Brooke	92	182	198	8.8	3,156	5,914	6,426	6	Marathon	293	588	673	14.5	3,031	5,604	6,317	25
Cabell	352	650	722	11.1	3,311	6,161	6,847	4	Marquette	93	184	212	15.2	2,595	4,800	5,388	50
Calhoun	12	31	35	12.9	1,666	3,956	4,243	45	Marquette	23	47	61	29.8	2,650	4,491	5,575	41
Clay	15	38	41	7.9	1,701	3,657	3,897	53	Milwaukee	4,373	7,186	7,912	10.1	4,139	7,071	7,861	3
Doddridge	11	26	29	11.5	1,710	3,824	4,081	51	Monroe	87	164	187	14.0	2,695	4,895	5,539	42
Fayette	114	267	297	11.2	2,316	4,939	5,349	26	Oconto	61	127	146	15.0	2,369	4,537	5,268	53
Gilmer	14	32	37	15.6	1,926	4,088	4,693	40	Oneida	70	160	179	11.9	2,869	5,580	6,049	28
Grant	17	38	42	10.5	1,952	4,273	4,603	42	Otagamie	408	782	878	12.3	3,496	6,226	6,881	13
Greenbrier	73	155	174	12.3	2,289	4,560	4,974	37	Ozaukee	200	501	577	15.2	4,389	7,553	8,373	1
Hampshire	24	50	57	14.0	1,940	3,808	4,174	47	Pepin	19	32	36	12.5	2,499	4,183	4,722	65
Hancock	146	291	324	11.3	3,679	7,284	8,077	1	Pierce	80	152	173	13.8	3,032	5,129	5,663	37
Hardy	17	34	39	14.7	1,890	3,633	4,090	50	Polk	75	147	170	15.6	2,749	4,833	5,484	45
Harrison	217	416	458	10.1	2,988	5,475	5,960	14	Portage	125	256	317	23.8	2,745	4,823	5,827	33
Jackson	55	124	142	14.5	2,532	5,522	6,081	13	Price	35	69	77	11.6	2,361	4,394	4,953	59
Jefferson	58	130	144	10.8	2,679	5,305	5,661	19	Racine	636	1,170	1,301	11.2	3,737	6,643	7,358	5
Kanawha	800	1,561	1,738	11.3	3,490	6,912	7,616	3	Richland	44	76	89	17.1	2,616	4,558	5,453	46
Lewis	43	84	95	13.1	2,290	4,631	5,237	27	Rock	479	837	965	15.3	3,690	6,242	7,199	6
Lincoln	33	80	87	8.8	1,693	3,781	4,051	52	Rusk	29	61	69	13.1	2,000	4,008	4,443	68
Logan	107	258	274	6.2	2,318	5,367	5,571	21	St. Croix	102	205	235	14.6	3,014	5,174	5,866	32
McDowell	108	277	297	7.2	2,166	5,281	5,630	20	Sauk	139	229	268	17.0	3,625	6,568	6,589	19
Marion	184	369	408	10.6	3,010	5,798	6,301	9	Sawyer	21	47	53	12.8	2,124	4,033	4,226	71
Marshall	114	222	252	13.5	2,998	5,629	6,318	8	Sheboygan	344	624	708	13.5	3,597	6,244	7,045	9
Mason	61	124	141	13.7	2,484	4,823	5,368	24	Taylor	37	82	90	9.8	2,113	4,385	4,723	64
Mercer	163	377	421	11.7	2,581	5,599	6,172	12	Trempealeau	62	116	138	19.0	2,617	4,782	5,609	38
Mineral	63	109	123	12.8	2,648	4,260	4,798	39	Vernon	60	113	135	19.5	2,400	4,551	5,442	48
Mingo	61	163	183	12.3	1,842	4,517	4,949	34	Vilas	27	63	71	12.7	2,483	4,616	5,064	56
Monongalia	166	366	394	7.7	2,659	5,372	5,675	18	Walworth	207	372	440	18.3	3,332	5,581	6,446	23
Monroe	24	46	52	13.0	2,149	3,805	4,163	48	Washburn	26	59	66	11.9	2,395	4,598	4,976	57
Morgan	20	41	47	14.6	2,352	4,575	5,070	32	Washington	234	480	556	15.8	3,770	6,239	6,935	11
Nicholas	52	129	138	7.0	2,318	5,037	5,234	28	Waukesha	957	1,953	2,237	14.5	4,268	7,493	8,256	2
Ohio	227	407	456	12.0	3,604	6,741	7,734	2	Waupaca	111	203	234	15.3	2,898	4,931	5,589	39
Pendleton	13	25	28	12.0	1,893	3,410	3,726	54	Waushara	38	70	89	27.1	2,567	4,295	5,499	43
Pleasants	18	43	50	16.3	2,475	5,536	6,251	10	Winnebago	461	834	951	14.0	3,627	6,333	7,137	7
Pocahontas	17	35	40	14.3	1,913	3,952	4,449	43	Wood	210	416	478	14.9	3,306	6,034	6,860	14
Preston	54	122	135	10.7	2,157	4,440	4,881	36	Shawano (incl. Menominee)	84	173	193	11.6	2,259	4,595	5,137	55
Putman	75	172	195	13.4	2,647	5,399	5,951	11	Wyoming	1,121	2,643	3,055	15.6	3,407	6,766	7,517	-----
Raleigh	169	478	516	7.9	2,404	5,961	6,237	15	Sum of SMSA counties	210	453	494	9.1	3,774	7,094	7,667	-----
Randolph	55	121	137	13.2	2,241	4,583	5,154	30	Sum of non-SMSA counties	911	2,190	2,560	16.9	3,332	6,702	7,489	-----
Ritchie	23	49	56	14.3	2,186	4,653	5,358	25	Albany	67	133	155	16.5	2,583	4,775	5,428	20
Roane	27	65	73	12.3	1,894	4,295	4,798	38	Big Horn	28	58	64	10.3	2,779	5,029	5,413	22
Summers	27	59	64	8.5	2,036	4,144	4,302	44	Campbell	35	113	153	35.4	2,647	7,754	9,105	3
Taylor	32	66	73	10.6	2,224	4,235	4,644	41	Carbon	49	120	142	18.3	3,747	6,971	7,870	5
Tucker	15	30	33	10.0	2,042	3,876	4,212	46	Converse	20	59	72	22.0	3,434	6,251	6,713	15
Tyler	26	49	60	22.4	2,541</												

U.S. National Income and Product Accounts: Preliminary Revised Estimates, 1972

THE dollar-values tables for the 1972 input-output study are shown elsewhere in this issue of the SURVEY OF CURRENT BUSINESS. The associated revised estimates of the national income and product accounts (NIPA's) for 1972 are presented in summary form and compared with the presently published estimates in table A. The preparation of those revisions, which are preliminary, is the first step in the preparation of the next benchmark revision of the NIPA's. Additional revisions will be

made as work on the benchmark proceeds, but it is expected that they will be small. In addition, definitional changes may be introduced.

The principal new source data and estimating procedures that have been incorporated into the revised estimates for 1972 are described below.

GNP

Personal consumption expenditures.—The revision to goods results mainly from the incorporation of the commod-

ity-flow procedure based on shipments of manufactured goods from the 1972 Census of Manufactures and on retail trade margins from the 1972 Annual Retail Trade Survey. The present estimates, for the most part, are extrapolations from the 1967 input-output study by retail store sales. In nondurable goods, upward revisions to food, clothing, and drugs more than offset downward revisions to semidurable household furnishings, fuel oil and coal, and cleaning and polishing preparations.

Table A.—Summary National Income and Product Accounts, 1972¹

[Billions of dollars]

1.—National Income and Product Account

Line		Presently published	Preliminary	Revision	Line		Presently published	Preliminary	Revision
1	Compensation of employees.....	715.1	717.7	2.5	26	Personal consumption expenditures (2-3).....	733.0	738.1	5.0
2	Wages and salaries.....	633.8	635.5	1.8	27	Durable goods.....	111.2	110.9	-.3
3	Disbursements (2-7).....	633.8	635.5	1.8	28	Nondurable goods.....	299.3	300.6	1.3
4	Wage accruals less disbursements (3-11)+(5-4).....	(*)	(*)		29	Services.....	322.4	326.5	4.1
5	Supplements to wages and salaries.....	81.4	82.1	.8	30	Gross private domestic investment (5-1).....	188.3	195.3	7.0
6	Employer contributions for social insurance (3-19).....	39.4	39.4		31	Fixed investment.....	178.8	184.9	6.1
7	Other labor income (2-8).....	42.0	42.7	.8	32	Nonresidential.....	116.8	119.3	2.5
8	Proprietors' income with inventory valuation and capital consumption adjustments (2-9).....	76.1	77.6	1.5	33	Structures.....	42.5	42.0	-.5
9	Rental income of persons with capital consumption adjustment (2-10).....	21.5	21.0	-.5	34	Producers' durable equipment.....	74.3	77.3	3.0
10	Corporate profits with inventory valuation and capital consumption adjustments.....	92.1	93.5	1.5	35	Residential.....	62.0	65.6	3.6
11	Profits before tax.....	96.2	97.6	1.5	36	Change in business inventories.....	9.4	10.3	.9
12	Profits tax liability (3-16).....	41.5	41.5		37	Net exports of goods and services.....	-3.3	-3.4	-.1
13	Profits after tax.....	54.6	56.1	1.5	38	Exports (4-1).....	72.7	72.8	.1
14	Dividends (2-11).....	24.6	24.6		39	Imports (4-3).....	75.9	76.2	.2
15	Undistributed profits (5-6).....	30.0	31.5	1.5	40	Government purchases of goods and services (3-1).....	253.1	252.8	-.3
16	Inventory valuation adjustment (5-7).....	-6.6	-6.6		41	Federal.....	102.1	102.1	
17	Capital consumption adjustment (5-8).....	2.5	2.5		42	National defense.....	73.5	73.5	
18	Net interest (2-13).....	47.0	51.6	4.5	43	Nondefense.....	28.6	28.6	
19	NATIONAL INCOME	951.9	961.4	9.5	44	State and local.....	151.0	150.7	-.3
20	Business transfer payments (2-18).....	4.7	4.7						
21	Indirect business tax and nontax liability (3-17).....	111.0	111.0						
22	Less: Subsidies less current surplus of government enterprises (3-10).....	3.6	3.6						
23	Statistical discrepancy (5-12).....	1.7	3.9	2.2					
24	CHARGES AGAINST NET NATIONAL PRODUCT	1,065.8	1,077.4	11.6					
25	Capital consumption allowances with capital consumption adjustment (5-9).....	105.4	105.4						
	CHARGES AGAINST GROSS NATIONAL PRODUCT	1,171.1	1,182.8	11.6		GROSS NATIONAL PRODUCT	1,171.1	1,182.8	11.6

* Less than \$0.05 billion.

1. Numbers in parentheses indicate accounts and items of counterentry in the accounts.

Table A.—Summary National Income and Product Accounts, 1972 —Continued

(Billions of dollars)

2.—Personal Income and Outlay Account

Line		Presently published	Preliminary	Re-revision	Line		Presently published	Preliminary	Re-revision
1	Personal tax and nontax payments (3-15)	141.2	141.2	.....	7	Wages and salary disbursements (1-3)	633.8	635.5	1.8
2	Personal outlays	751.9	757.6	5.7	8	Other labor income (1-7)	42.0	42.7	.8
3	Personal consumption expenditures (1-26)	733.0	738.1	5.0	9	Proprietors' income with inventory valuation and capital consumption adjustments (1-8)	76.1	77.6	1.5
4	Interest paid by consumers to business (2-16)	17.9	18.5	.6	10	Rental income of persons with capital consumption adjustment (1-9)	21.5	21.0	-.5
5	Personal transfer payments to foreigners (net) (4-5)	1.0	1.1	.1	11	Dividends (1-14)	24.6	24.6	.....
6	Personal saving (5-3)	49.4	52.3	2.9	12	Personal interest income	74.6	79.7	5.1
					13	Net interest (1-18)	47.0	51.6	4.5
					14	Interest paid by government to persons and business (3-7)	21.5	21.5	.....
					15	Less: Interest received by government (3-9)	11.8	11.8	.....
					16	Interest paid by consumers to business (2-4)	17.9	18.5	.6
					17	Transfer payments to persons	104.1	104.1	.....
					18	From business (1-20)	4.7	4.7	.....
					19	From government (3-3)	99.4	99.4	.....
					20	Less: Personal contributions for social insurance (3-20)	34.2	34.2	.....
	PERSONAL TAXES, OUTLAYS, AND SAVING	942.5	951.1	8.6		PERSONAL INCOME	942.5	951.1	8.6

3.—Government Receipts and Expenditures Account

1	Purchases of goods and services (1-40)	253.1	252.8	-.3	15	Personal tax and nontax payments (2-1)	141.2	141.2	.....
2	Transfer payments	102.1	102.1	.....	16	Corporate profits tax liability (1-12)	41.5	41.5	.....
3	To persons (2-19)	99.4	99.4	.....	17	Indirect business tax and nontax liability (1-21)	111.0	111.0	.....
4	To foreigners (net) (4-6)	2.7	2.7	.....	18	Contributions for social insurance	73.6	73.6	.....
5	Net interest paid	12.4	12.4	.....	19	Employer (1-6)	39.4	39.4	.....
6	Interest paid	24.2	24.2	.....	20	Personal (2-20)	34.2	34.2	.....
7	To persons and business (2-14)	21.5	21.5	.....				
8	To foreigners (4-7)	2.7	2.7	.....				
9	Less: Interest received by government (2-15)	11.8	11.8	.....				
10	Subsidies less current surplus of government enterprises (1-22)	3.6	3.6	.....				
11	Less: Wage accruals less disbursements (1-4) .....	.3	.3	.....				
12	Surplus or deficit (-), national income and product accounts (5-10)	-3.5	-3.2	.3					
13	Federal	-17.3	-17.3	.....				
14	State and local	13.7	14.0	.3					
	GOVERNMENT EXPENDITURES AND SURPLUS	367.4	367.4	.....		GOVERNMENT RECEIPTS	367.4	367.4	.....

4.—Foreign Transactions Accounts

1	Exports of goods and services (1-38)	72.7	72.8	.1	3	Imports of goods and services (1-39)	75.9	76.2	.2
2	Capital grants received by the United States (5-11) .....	.7	.7	.....	4	Transfer payments to foreigners (net)	3.8	3.9	.1
					5	From persons (net) (2-5)	1.0	1.1	.1
					6	From government (net) (3-4)	2.7	2.7	.....
					7	Interest paid by government to foreigners (3-8)	2.7	2.7	.....
					8	Net foreign investment (5-2)	-9.0	-9.2	-.2
	RECEIPTS FROM FOREIGNERS	73.4	73.5	.1		PAYMENTS TO FOREIGNERS	73.4	73.5	.1

5.—Gross Saving and Investment Account

1	Gross private domestic investment (1-30)	188.3	195.3	7.0	3	Personal saving (2-6)	49.4	52.3	2.9
2	Net foreign investment (4-8)	-9.0	-9.2	-.2	4	Wage accruals less disbursements (1-4)	-0.3	-0.3	.....
					5	Undistributed corporate profits with inventory valuation and capital consumption adjustments	25.9	27.4	1.5
					6	Undistributed corporate profits (1-15)	30.0	31.5	1.5
					7	Inventory valuation adjustment (1-16)	-6.6	-6.6	.....
					8	Capital consumption adjustment (1-17)	2.5	2.5	.....
					9	Capital consumption allowances with capital consumption adjustment (1-25)	105.4	105.4	.....
					10	Government surplus or deficit (-), national income and product accounts (3-12)	-3.5	-3.2	.3
					11	Capital grants received by the United States (net) (4-2) .....	.7	.7	.....
					12	Statistical discrepancy (1-23)	1.7	3.9	2.2
	GROSS INVESTMENT	179.2	186.0	6.8		GROSS SAVINGS AND STATISTICAL DISCREPANCY	179.2	186.0	6.8

1. Numbers in parentheses indicate accounts and items of counterentry in the accounts.

The upward revision to services results from the incorporation of a wide variety of source information, such as the 1972 Census of Selected Services and 1972 Census of Transportation. The largest upward revisions are in barber-shops and beauty parlors, taxicab and airline transportation, and recreation.

Fixed investment.—The upward revision to producers' durable equipment results from the incorporation of the commodity-flow procedure based primarily on shipments of manufactured goods from the 1972 Census of Manufactures. The present estimates are based primarily on an abbreviated version of the commodity-flow procedure using shipments data from the Annual Survey of Manufactures, and on expenditures reported to BEA in the Quarterly Plant and Equipment Survey. Also, a new procedure for estimating capitalized expenditures for tools and dies is introduced. The upward revision to residential structures results primarily from the incorporation of the latest Census Bureau estimate of the value of residential construction put-in-place.

Change in business inventories.—The upward revision results primarily from the incorporation of a revised estimate of wholesale trade inventories (book value) from the 1972 Census of Business.

Charges against GNP

Compensation of employees.—The upward revision to wages and salaries is mainly in the "educational services" industry, which covers private education. Wages and salaries paid by privately owned institutions of higher education are estimated by multiplying their total operating expenses, which are collected annually, by the estimated ratio of wages and salaries to operating expenses, based on periodic survey material. The most recent Department of Health, Education, and Welfare survey indicates that the ratio presently used should be raised.

The upward revision to supplements to wages and salaries is due to additional information from the Social Security Administration on employer contributions for temporary disability insurance.

Proprietors' income with inventory valuation and capital consumption adjustments.—The upward revision is mainly due to the incorporation of the results of the 1973 Taxpayer Compliance Measurement Program, the latest Internal Revenue Service (IRS) audit program. Elimination from proprietors' income of interest received was a partial offset. This interest is included in personal interest income and should not have been counted as proprietors' income.

Rental income of persons with capital consumption adjustment.—Most of the downward revision reflects a revision in rental income from business and industrial property, which is based on IRS corporate tax-return tabulations. Work on the input-output estimate indicated that on their income tax returns corporate lessors of railroad cars are reporting the rents they receive as "business receipts" rather than as rent. Because rental income of persons from business and industrial property is estimated as the difference between rents paid by business and rents received by business, this misclassification resulted in the inclusion of income from this source in rental income of persons as well as in corporate profits; in the revised estimates it is eliminated from rental income of persons.

Corporate profits with inventory valuation and capital consumption adjustments.—Most of the upward revision results from a new BEA estimate of the amount of income from abroad that U.S. corporations include in their corporate income tax returns. To obtain the NIPA estimate of domestic profits before tax, the estimated tax return measure of foreign income is deducted from IRS tabulations of total corporate

income. The estimate of tax-return foreign income is revised to exclude that part of rent, royalty, and service income that is reported for purposes of claiming the foreign tax credit but that, according to a recent study by BEA, is not income from abroad for NIPA purposes. In its effect on domestic profits, this change was partly offset by an upward revision in the IRS tabulations of foreign income reported for tax credit purposes. Also, profits are revised upward as the result of the introduction of new IRS data on the audits of corporate tax returns.

Net interest.—Most of the upward revision in net interest results from the incorporation of a new procedure for estimating the amount of interest receipts of corporate "business and personal credit institutions," for which IRS tax return tabulations are the source. Previously it had been determined that business receipts reported to IRS by these firms included a large amount of interest. Accordingly, all business receipts reported by these firms were treated as interest receipts. The revision results from a recent BEA study of reporting practices in this industry. This study revealed that by 1972, most of the business receipts were not interest receipts. Thus, interest received by business is reduced, and net interest is revised upward.

Other NIPA components

Interest paid by consumers to business—a component of the personal income and outlay account—is revised upward. This revision results from the incorporation of additional information from the Federal Deposit Insurance Corporation and Securities and Exchange Commission on interest paid by consumers for purchases of securities. All other revisions shown in the remaining accounts (accounts 2-5) result from the revisions to the national income and product account.

Dollar-Value Tables for the 1972 Input-Output Study

THE dollar-value tables shown on the following pages supplement the tables that were presented in percentage terms in the article, "Input-Output Structure of the U.S. Economy, 1972," in the February 1979 issue of the SURVEY OF CURRENT BUSINESS. The dollar-value tables are:

- Table 1.—The Use of Commodities by Industries, 1972
- Table 2.—The Make of Commodities by Industries, 1972
- Table A.—Input-Output Commodity Composition of Final Demand, in Producers' and Purchasers' Prices, 1972
- Table B.—Input-Output Commodity Composition of Personal Consumption Expenditures, in Producers' and Purchasers' Prices, 1972
- Table C.—Input-Output Commodity Composition of Producers' Durable Equipment Expenditures, in Producers' and Purchasers' Prices, 1972
- Table D.—Comparable Imports in Foreign Port Value and Domestic Port Value, 1972

The direct and total requirements tables in the February article (tables 3, 4, and 5) are unchanged.

The dollar values are being presented now that the reconciliation of the GNP derived as part of the input-output (I-O) study with the GNP derived in terms of incomes as part of the national income and products accounts (NIPA's) has been completed. (I-O and NIPA's are conceptually and statistically integrated; the basic relationships were explained in the February article.) The summary NIPA's for 1972 on the reconciled basis are shown in the article, "U.S. National Income and Product Accounts: Preliminary Revised Estimates, 1972," in this issue of the SURVEY. As explained in that article, the associated NIPA time series will not be available this year.

Appendix I provides the industry classification of the 1972 I-O tables, showing the 85-industry/commodity (two-digit) level of detail applicable to the tables shown in this article, the 496-industry/commodity (six-digit) level applicable to the most disaggregated I-O tables prepared for 1972, and an

intermediate 365-industry/commodity (four-digit) level.¹

Use and make tables

The use table (table 1) shows, across the row, the dollar value of the use by each industry and of the sales to final users—persons, investors, foreigners, and government—of the output of the commodity named at the beginning of the row. Down the columns, the table shows the dollar value of the inputs of commodities—raw materials, semifinished products, and services—and the value added—the sum of compensation of employees, profit-type income, net interest, capital consumption allowances, and indirect business taxes—generated in production in the industry named at the head of the column. The row total (output) is total commodity output (no matter which industries con-

1. The publication of the 496-industry/commodity tables (tables 1 through 5) will be announced in a later issue of the SURVEY OF CURRENT BUSINESS. Computer tapes will be available at the 85, 365, and 496 levels of classification about June 1. The tape costs are \$200, \$350, \$350, respectively. Single reels of tape covering only the total requirements tables at the 365 or 496 levels will cost \$200. Tapes can be ordered from the U.S. Department of Commerce, Bureau of Economic Analysis, Budget Office (BE-15), Tower Building, Washington, D.C. 20230. Make checks payable to the U.S. Department of Commerce/BEA.

ERRATA

Several misprints appeared in tables 3 and 4 of the article, "The Input-Output Structure of the U.S. Economy, 1972," in the February 1979 SURVEY OF CURRENT BUSINESS.

Page	Table	Row	Column	Published	Correct
57-----	3	52	11	0. 1018	0. 01018
57-----	3	69	5	. 03337	. 02337
57-----	3	EC	1	. 04276	. 04278
57-----	3	PTI	1	. 15957	. 15955
61-----	3	EC	76	. 38905	. 34905
63-----	4	67	21	-----	(*)
65-----	4	68	57	. 03202	. 03203

Addenda: Appendix B, page 45.
Ind. No. 18.—Apparel: published, 225; correct, 225, 231-8, 39996.
Ind. No. 64.—Miscellaneous manufacturing: published, 39; correct, 39 (excl. 39996).

tributed to that output) and the column total (input) is industry output. The two totals are rarely equal.

The make table (table 2) shows, across the row, the dollar value of each commodity produced by the industry named at the beginning of the row. Down the columns, the table shows the dollar value of the total output of

the commodity named at the head of the column and the amount of that commodity produced in each industry.

The row total is industry output and the column total is commodity output. The row totals of table 2 equal the column totals of table 1; the column totals of table 2 equal the row totals of table 1.

The February article showed the percentage distribution of the make table's column totals, that is, each industry's market share in the production of each commodity. With the dollar values shown in this article, it is possible to calculate the percentage distribution of the row totals, that is, the proportions of each industry's production

Table A.—Input-Output Commodity Composition of

(Millions)

Commodity number	Personal consumption expenditures				Gross private domestic fixed investment				Change in business inventories				Exports				Federal Government purchases, national defense			
	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
1.	1,454	42	433	1,930	0	0	0	0	439	(*)	0	440	111	5	3	120	(*)	0	-1	-1
2.	4,580	1,881	4,588	11,049	0	0	0	0	2,053	172	284	2,508	4,763	498	4	5,676	(*)	0	-6	-5
3.	848	15	650	1,513	0	0	0	0	8	0	0	105	1	20	125	-1	0	-1	-1	
4.	0	0	0	0	0	0	0	0	0	0	0	8	0	0	111	-25	-1	0	-25	
5.	0	0	0	0	199	8	5	212	27	-1	-1	26	32	1	34	-8	-1	-1	-9	
6.	125	75	15	215	0	0	0	0	81	73	0	157	496	489	36	1,021	36	34	2	
7.	0	0	0	0	53	0	0	0	53	0	0	75	1	0	1	0	0	0	0	
8.	0	0	0	0	0	0	0	0	23	0	0	28	90	79	1	169	-2	-3	0	
9.	5	6	8	19	0	0	0	0	0	4	(*)	0	79	76	0	156	-2	-1	-3	
10.	3	3	0	6	0	0	0	0	-8	-1	0	-8	79	0	0	156	-2	-1	0	
11.	457	4	207	667	80	0	0	80	65	(*)	3	67	325	9	9	342	4,404	58	49	
12.																				
13.																				
14.	73,276	2,310	29,728	105,314	0	0	0	0	1,247	39	73	1,358	2,862	155	251	3,267	5	-1	-57	
15.	6,087	73	6,027	12,187	0	0	0	0	217	1	4	222	839	4	47	890	0	0	-3	
16.	639	15	495	1,150	0	0	0	0	279	3	7	288	432	9	36	477	24	4	26	
17.	1,513	45	1,447	3,004	606	17	82	705	194	4	15	213	156	5	17	177	4	0	(*)	
18.	22,563	130	19,672	42,365	0	0	0	0	742	3	33	778	260	1	18	280	82	1	5	
19.	2,775	63	2,205	5,043	0	0	0	0	166	2	7	174	103	3	9	115	125	5	13	
20.	384	9	207	599	5	(*)	(*)	5	631	43	57	730	850	66	69	985	17	(*)	1	
21.	0	0	0	0	0	0	0	0	3	0	(*)	3	3	(*)	(*)	3	9	(*)	1	
22.	5,706	88	4,171	9,965	680	9	39	728	356	4	14	373	33	(*)	2	35	15	(*)	1	
23.	257	21	224	502	2,388	68	291	2,747	78	1	3	82	28	1	3	32	40	1	5	
24.	2,389	128	1,505	4,022	0	0	0	0	180	13	16	209	957	85	74	1,115	30	1	3	
25.	106	3	39	147	0	0	0	0	61	1	1	63	33	1	2	35	10	(*)	1	
26.	5,730	125	3,409	9,265	0	0	0	0	263	4	5	272	371	10	37	418	165	2	10	
27.	548	45	426	1,019	164	0	0	164	215	19	16	250	2,298	144	151	2,593	795	52	25	
28.	0	0	0	0	0	0	0	0	73	5	2	80	764	42	30	835	35	(*)	(*)	
29.	11,244	191	6,831	18,266	0	0	0	0	380	3	30	413	705	9	96	810	106	2	15	
30.	123	4	90	216	0	0	0	0	116	2	15	134	69	2	15	85	1	0	(*)	
31.	13,503	1,435	15,155	30,093	0	0	0	0	42	19	36	96	712	71	67	850	682	69	144	
32.	4,363	127	4,050	8,540	44	2	5	50	537	12	41	590	585	23	67	675	187	6	23	
33.	0	0	0	0	0	0	0	0	45	(*)	1	46	71	(*)	3	74	(*)	0	0	
34.	4,923	76	4,364	9,363	0	0	0	0	206	2	34	242	36	1	3	39	6	(*)	1	
35.	563	10	434	1,007	0	0	0	0	156	2	12	171	206	4	23	234	16	(*)	2	
36.	621	13	489	1,123	0	0	0	0	311	25	28	363	254	16	28	298	10	0	1	
37.	5	0	2	6	2	0	0	2	489	1	2	492	799	23	43	865	168	4	13	
38.	28	(*)	10	39	64	1	4	69	272	3	4	279	815	14	21	851	-17	-2	-17	
39.	0	0	0	0	13	1	1	15	32	(*)	1	33	26	1	1	28	8	(*)	1	
40.	128	4	72	204	1,197	19	58	1,273	528	11	34	574	391	9	30	429	142	4	7	
41.	461	4	192	656	0	0	0	0	203	1	4	208	555	5	23	583	44	3	47	
42.	1,148	19	694	1,861	713	15	108	837	440	7	22	469	611	13	92	716	130	3	18	
43.	138	2	62	202	1,606	27	52	1,685	173	1	4	177	710	10	47	767	191	3	11	
44.	66	1	46	112	4,202	110	611	4,922	194	1	-5	190	470	13	61	543	9	(*)	1	
45.	0	0	0	0	3,774	55	565	4,394	342	2	5	348	1,968	26	286	2,280	112	1	18	
46.	0	0	0	0	1,641	68	91	1,799	51	2	1	55	198	8	12	218	37	1	2	
47.	168	1	84	253	3,878	22	293	4,193	126	(*)	(*)	126	582	6	45	632	66	0	4	
48.	45	(*)	24	70	4,261	36	267	4,564	121	0	(*)	121	1,139	9	72	1,220	44	(*)	2	
49.	0	0	0	0	2,170	34	237	2,441	138	1	2	140	876	12	96	984	152	2	16	
50.	18	1	15	34	39	7	4	50	59	2	(*)	61	79	8	5	92	46	8	5	
51.	211	(*)	186	397	4,323	37	512	4,872	30	0	-1	29	1,660	13	182	1,854	269	2	28	
52.	486	5	307	798	2,078	21	383	2,482	298	1	8	307	528	5	69	601	45	(*)	8	
53.	53	(*)	21	75	3,310	47	217	3,574	213	1	3	216	828	7	48	883	405	1	13	
54.	4,573	162	3,257	7,991	1,005	39	170	1,214	380	9	36	425	216	5	35	256	7	0	1	
55.	926	10	650	1,586	82	1	12	95	179	1	13	193	237	2	36	276	24	(*)	3	
56.	4,912	71	3,651	8,633	4,412	21	113	4,546	416	3	30	448	893	5	63	961	4,633	14	80	
57.	319	3	162	484	14	(*)	(*)	15	-1	(*)	0	1	1,008	11	45	1,063	456	3	17	
58.	1,156	55	864	2,076	414	14	161	589	121	1	2	124	301	8	57	366	91	4	10	
59.	28,380	800	7,092	36,272	16,664	430	3,120	20,215	851	19	35	905	4,123	130	326	4,578	455	13	18	
60.	106	0	6	111	1,981	2	63	2,045	203	-1	-2	200	3,045	10	78	3,133	7,422	17	135	
61.	3,914	34	1,679	5,627	5,946	44	1,061	7,050	507	1	16	524	449	4	39	483	1,410	(*)	9	
62.	832	4	687	1,522	2,120	8	417	2,545	144	0	8	151	796	2	110	907	431	2	48	
63.	1,557	9	2,068	3,634	2,075	16	387	2,478	68	(*)	12	81	648	5	115	768	235	1	47	
64.	6,993	163	5,787	12,943	766	33	171	970	515	10	29	554	687	18	102	806	45	3	9	
80.	6,550	29	2,552	6,831	5	(*)	0	5	4	(*)	(*)	4	681	0	0	681	2,919	9	(*)	
81.	2,163	0	5,583	7,746	-5,332	0	706	-4,627	204	0	0	204	919	36	336	1,290	19	0	8	

*Less than \$500,000 in absolute value.

1. Purchasers' values for personal consumption expenditures include \$2 million in insurance charges (on imported commodities). Imports are excluded from the list of final demand categories because the entries are identical with those in column 95 of table 1; there is no difference between producers' and purchasers' values.

NOTE.—Table A excludes commodities for which the value of sales in producers' and purchasers' values are equal because there are no trade margins or transportation costs on these sales.

represented by the various commodities. For example, row 27 of this table shows that the chemicals and selected chemical products industry (I-O 27) produced \$24.0 billion of all commodities in 1972, including, in addition to its primary product (\$22.3 billion), \$0.9 billion of plastics and synthetic materials (column 28), \$0.4 billion of

drugs, cleaning and toilet preparations (column 29, and \$0.4 billion of 22 other commodities.

Supplementary data

Final demand for goods and services (commodities) in the NIPA's is expressed at purchasers' prices rather than producers' prices, and in com-

modity categories that differ from those used in I-O. Before I-O tables 4 and 5 can be used to measure the requirements for commodities or on industries of changes in the level and composition of GNP, the commodities that make up GNP (or components thereof) must be stated in the prices of the year to which the I-O tables refer, in the I-O commodity categories, and at producers' prices—in I-O terminology, a bill of goods must be formulated. The total trade margin on all commodities in the bill of goods is separately specified as a requirement from trade; similarly, the transportation cost involved in the delivery of all commodities in the bill of goods is separately specified as a requirement from transportation.

If the final demand to be analyzed is available in the aggregate only, the estimates in table 1 that show the commodity composition of each category of final demand in 1972 may be used to distribute by commodity the value of each of the categories of final demand. Some of the supplementary data that facilitate formulation of bills of goods are presented in tables A, B, C, and D.

Table A shows the I-O commodity sales to each category of final demand, in producers' and purchasers' prices, and the trade margins and transportation costs included in purchasers' prices. This table may be used if the final demand to be analyzed is given in purchasers' prices and in the classification of the I-O table.

Table B shows the I-O commodity composition of 1972 expenditures for each of the 86 components into which personal consumption expenditures (PCE) is classified in the NIPA's (table 2.6)^{2,3} For each PCE component, the table shows the breakdown of expenditures by I-O commodity in producers' prices, and the transportation costs and trade margins that are added to arrive at the PCE component value, which is in purchasers' prices.

Table C shows the I-O commodity composition of 1972 expenditures for each of the 24 types into which pro-

Final Demand, in Producers' and Purchasers' Prices, 1972¹

of dollars]

Federal Government purchases, nondefense				State and local government purchases, education				State and local government purchases, other				Commodity number
Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	
4	(*)	(*)	4	42	1	2	44	30	(*)	2	32	1
-982	1	(*)	-980	102	28	31	161	87	20	45	151	2
-532	0	(*)	-532	3	0	1	4	4	0	1	5	3
0	0	0	0	0	0	0	0	0	0	0	0	5
1	0	0	1	0	0	0	0	0	0	0	0	6
11	9	(*)	20	10	10	(*)	21	12	12	1	24	7
0	0	0	0	0	0	0	0	0	0	0	0	8
0	0	0	0	0	0	0	0	-49	0	0	-49	9
(*)	1	0	1	0	0	0	0	49	59	0	109	10
1,337	1	(*)	1,338	0	0	0	0	16	(*)	3	19	13
305	2	5	311	1,485	46	163	1,694	744	25	84	853	14
0	0	(*)	(*)	0	0	-20	-20	-1	0	0	-1	15
1	0	0	1	14	(*)	1	15	44	1	2	46	16
13	1	1	14	(*)	0	0	(*)	2	0	(*)	3	17
49	(*)	3	53	4	0	-2	1	78	(*)	5	84	18
20	(*)	1	22	9	(*)	1	9	40	1	3	44	19
13	(*)	1	14	25	1	2	28	2	0	0	2	20
5	(*)	(*)	5	0	0	0	0	0	0	0	0	21
49	1	3	53	27	(*)	1	28	14	0	0	14	22
81	9	9	92	285	5	38	327	138	3	16	156	23
108	6	18	131	242	17	32	291	269	11	47	327	24
9	(*)	(*)	9	20	(*)	1	21	19	(*)	1	20	25
223	3	9	235	1,213	34	-28	1,219	620	13	26	659	26
242	15	12	268	126	9	11	145	245	21	34	300	27
(*)	0	0	(*)	1	0	0	1	(*)	0	0	(*)	28
96	1	15	112	147	3	20	170	914	11	353	1,277	29
2	0	(*)	2	42	2	9	53	4	(*)	6	6	30
98	10	26	134	323	30	70	423	418	43	85	546	31
65	2	9	76	46	2	5	53	163	5	19	187	32
1	0	0	1	0	0	0	0	0	0	0	0	33
3	0	(*)	3	0	0	0	0	9	(*)	1	10	34
17	(*)	1	19	43	1	6	51	78	2	11	91	35
3	0	(*)	4	7	0	1	8	11	0	1	13	36
4	0	(*)	4	2	(*)	(*)	2	5	0	1	5	37
103	1	3	107	(*)	0	0	(*)	0	0	0	0	38
0	0	0	0	10	(*)	(*)	10	(*)	0	0	(*)	39
51	1	2	54	0	0	0	0	0	0	0	0	40
34	(*)	2	37	52	(*)	2	54	-22	0	(*)	-22	41
59	(*)	10	69	60	1	10	71	14	0	3	18	42
136	2	4	143	0	0	0	0	86	2	2	90	43
5	0	(*)	5	13	(*)	2	15	31	1	4	36	44
19	0	3	22	0	0	0	0	116	1	22	139	45
22	(*)	1	24	1	0	0	1	0	0	0	0	46
52	0	3	55	20	0	1	21	20	0	2	21	47
21	(*)	1	22	15	(*)	1	17	1	0	0	1	48
55	(*)	6	61	0	0	0	0	28	(*)	3	32	49
13	2	1	16	141	24	14	179	36	3	41	50	51
431	2	65	497	172	1	39	212	105	(*)	24	129	51
9	0	2	11	136	2	31	170	42	(*)	11	54	52
122	(*)	5	127	26	0	2	28	134	1	8	143	53
3	0	(*)	4	19	(*)	3	23	19	(*)	3	22	54
18	(*)	2	20	35	(*)	6	41	7	0	1	8	55
901	2	22	925	128	1	11	140	66	0	3	69	56
169	1	5	175	6	0	-1	5	16	0	(*)	16	57
33	1	10	43	6	(*)	1	7	36	1	11	47	58
188	5	11	203	217	6	4	227	918	26	44	988	59
624	1	2	627	0	0	0	0	4	0	(*)	4	60
201	(*)	6	208	16	0	6	22	141	-2	5	148	61
190	0	32	222	36	0	6	42	208	(*)	49	257	62
146	(*)	32	179	137	1	25	164	214	2	38	253	63
37	6	14	57	354	12	62	428	128	5	36	169	64
577	0	0	577	4	0	0	4	1	0	0	1	80
343	0	0	343	60	0	0	60	974	0	0	974	81

2. The identifying numbers are those used in table 2.6 in the annual NIPA's published each July.

3. The I-O estimates in table B are for 85-commodity categories. A comparable table with the full 496-commodity detail is available upon request.

Table B.—Input-Output Commodity Composition of Personal Consumption Expenditures, in Producers' and Purchasers' Prices, 1972

[Millions of dollars]

I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices
3. Food purchased for off-premise consumption (n.d.)						18. Jewelry and watches (d.)						32. Other durable housefurnishings (d.)					
Total	76,755	4,092	33,775	1	114,622	Total	2,313	7	2,266	0	4,586	Total	4,700	119	4,009	1	8,829
01	1,077	19	302	0	1,398	34	1	0	1	0	2	17	1,452	42	1,396	0	2,890
02	3,537	1,765	3,332	0	8,633	62	357	1	270	0	627	19	172	3	113	0	288
03	666	14	478	0	1,158	64	1,970	6	1,934	0	3,909	20	310	8	164	0	481
10	3	3	0	0	6	81	-14	0	62	0	49	23	253	21	220	0	494
14	71,196	2,262	29,571	0	103,029	19. Other clothing, accessories, and jewelry repair (s.)						26	19	(*)	9	0	29
27	31	3	8	0	43	Total	930	0	0	0	930	32	109	4	106	0	219
65	60	0	0	0	60	72	927	0	0	0	927	34	38	1	34	0	74
80	184	25	86	1	295	73	3	0	0	0	3	35	102	3	97	0	202
4. Purchased meals and beverages (n.d.)						21. Toilet articles and preparations (n.d.)						33. Semidurable housefurnishings (n.d.)					
Total	37,496	0	0	0	37,496	Total	4,854	85	2,468	0	7,407	Total	2,847	77	2,262	0	5,185
74	37,496	0	0	0	37,496	19	3	(*)	3	0	7	16	126	3	100	0	229
5. Food furnished employees (including military) (n.d.)						22. Barbers hops, beauty parlors, and baths (s.)						34. Cleaning and polishing preparations, paper products, and miscellaneous supplies (n.d.)					
Total	1,768	69	174	0	2,010	Total	4,614	0	0	0	4,614	Total	5,616	219	3,083	0	8,918
01	54	1	4	0	58	72	4,614	0	0	0	4,614	03	6	0	8	0	14
02	70	20	12	0	102	24. Owner-occupied nonfarm dwellings—space rent (s.)						09	5	6	8	0	19
03	7	0	1	0	8	Total	74,003	0	0	0	74,003	17	38	2	32	0	73
14	1,638	48	158	0	1,843	71	74,003	0	0	0	74,003	19	5	(*)	4	0	9
6. Food produced and consumed on farms (n.d.)						25. Tenant-occupied nonfarm dwellings (including lodging houses)—rent (s.)						35. Stationery and writing supplies (n.d.)					
Total	805	0	0	0	805	Total	30,995	0	0	0	30,995	Total	1,377	57	990	0	2,424
01	138	0	0	0	138	71	30,764	0	0	0	30,764	24	387	36	280	0	703
02	224	0	0	0	224	72	232	0	0	0	232	26	740	15	520	0	1,275
03	1	0	0	0	1	26. Rental value of farm dwellings (s.)						27	108	4	68	0	180
14	442	0	0	0	442	Total	3,474	0	0	0	3,474	32	4	(*)	3	0	6
7. Tobacco products (n.d.)						27. Other housing (s.)						37. Household electricity (s.)					
Total	6,087	73	6,027	0	12,187	Total	3,905	0	0	0	3,905	Total	12,220	0	0	0	12,220
15	6,087	73	6,027	0	12,187	72	3,905	0	0	0	3,905	68	12,220	0	0	0	12,220
11. Shoes and other footwear (n.d.)						29. Furniture, including mattresses and bedsprings (d.)						38. Household gas (s.)					
Total	4,520	65	4,108	0	8,693	Total	5,685	88	4,382	0	10,154	Total	6,555	0	0	0	6,555
32	779	22	743	0	1,544	22	5,683	87	4,155	0	9,925	68	6,555	0	0	0	6,555
34	3,741	43	3,355	0	7,139	23	4	(*)	3	0	8	39. Household water and other sanitary services (s.)					
81	(*)	0	10	0	10	81	-3	0	224	0	221	Total	3,883	0	0	0	3,883
12. Shoe cleaning and repair (s.)						30. Kitchen and other household appliances (d.)						39. Household water and other sanitary services (s.)					
Total	385	0	0	0	385	Total	5,031	167	3,665	0	8,863	Total	3,883	0	0	0	3,883
72	385	0	0	0	385	22	23	(*)	17	0	40	65	218	0	0	0	218
14. Women's and children's clothing and accessories except footwear (n.d.)						31. China, glassware, tableware, and utensils (d.)						39. Household water and other sanitary services (s.)					
Total	15,428	157	14,479	0	30,064	Total	2,384	44	1,550	0	3,978	Total	2,736	0	0	0	2,736
16	418	11	332	0	761	20	70	1	41	0	112	68	930	0	0	0	930
17	1	0	1	0	2	32	591	23	258	0	872	39. Household water and other sanitary services (s.)					
18	13,466	96	12,747	0	26,309	35	414	6	304	0	724	Total	3,883	0	0	0	3,883
19	68	2	64	0	134	36	326	5	329	0	659	66	218	0	0	0	218
24	264	12	216	0	492	38	20	(*)	7	0	27	68	2,736	0	0	0	2,736
26	119	2	92	0	212	41	421	3	173	0	597	79	930	0	0	0	930
32	15	1	12	0	27	42	259	6	150	0	414	39. Household water and other sanitary services (s.)					
34	893	27	767	0	1,687	64	285	1	230	0	516	Total	3,883	0	0	0	3,883
64	188	7	190	0	386	81	-1	0	58	0	56	65	218	0	0	0	218
81	-5	0	58	0	53	33. Stationery and writing supplies (n.d.)						68	2,736	0	0	0	2,736
15. Men's and boys' clothing and accessories except footwear (n.d.)						34. Cleaning and polishing preparations, paper products, and miscellaneous supplies (n.d.)						39. Household water and other sanitary services (s.)					
Total	9,318	39	7,227	0	16,584	Total	5,616	219	3,083	0	8,918	Total	3,883	0	0	0	3,883
16	77	2	62	0	141	03	6	0	8	0	14	65	218	0	0	0	218
18	9,053	34	-6,926	0	16,012	09	5	6	8	0	19	68	2,736	0	0	0	2,736
19	11	1	10	0	22	17	38	2	32	0	73	79	930	0	0	0	930
34	183	4	156	0	343	19	5	(*)	4	0	9	39. Household water and other sanitary services (s.)					
64	2	0	2	0	3	24	1,430	67	764	0	2,261	Total	3,883	0	0	0	3,883
81	-8	0	71	0	63	25	106	3	39	0	147	65	218	0	0	0	218
16. Standard clothing issued to military personnel (n.d.)						35. Stationery and writing supplies (n.d.)						39. Household water and other sanitary services (s.)					
Total	69	(*)	1	0	70	Total	1,377	57	990	0	2,424	Total	3,883	0	0	0	3,883
16	18	(*)	1	0	19	24	387	36	280	0	703	65	218	0	0	0	218
18	44	0	0	0	44	26	740	15	520	0	1,275	68	2,736	0	0	0	2,736
34	7	0	0	0	7	27	108	4	68	0	180	79	930	0	0	0	930
17. Cleaning, laundering, dyeing, pressing, alteration, storage, and repair of garments (s.)						36. Household electricity (s.)						39. Household water and other sanitary services (s.)					
Total	3,811	0	0	0	3,811	Total	12,220	0	0	0	12,220	Total	3,883	0	0	0	3,883
72	3,811	0	0	0	3,811	68	12,220	0	0	0	12,220	65	218	0	0	0	218

See footnotes at end of table.

Table B.—Input-Output Commodity Composition of Personal Consumption Expenditures, in Producers' and Purchasers' Prices, 1972—Continued

[Millions of dollars]

I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices
40. Household fuel oil and coal (n.d.)						57. Bank service charges, trust services, and safe deposit box rental (s.)						69. Motor vehicle repair, greasing, washing, parking, storage, and rental (s.)					
Total....	2,394	295	2,335	0	5,023	Total....	2,313	0	0	0	2,313	Total....	13,780	0	0	0	13,780
07.....	125	75	15	0	215	70.....	2,313	0	0	0	2,313	75.....	13,780	0	0	0	13,780
20.....	5	0	2	0	6	58. Services furnished without payment by financial intermediaries (except life insurance carriers) (s.)						70. Gasoline and oil (n.d.)					
27.....	47	4	26	0	77	Total....	13,665	0	0	0	13,665	Total....	11,351	1,220	12,862	0	25,432
31.....	2,151	216	2,293	0	4,660	70.....	13,665	0	0	0	13,665	31.....	11,351	1,220	12,862	0	25,432
37.....	1	0	0	0	1	59. Expense of handling life insurance (s.)						71. Bridge, tunnel, ferry, and road tolls (s.)					
68.....	65	0	0	0	65	Total....	7,701	0	0	0	7,701	Total....	763	0	0	0	763
41. Telephone and telegraph (s.)						70.....	7,701	0	0	0	7,701	79.....	763	0	0	0	763
Total....	12,436	0	0	0	12,436	60. Legal services (s.)						72. Motor vehicle insurance premiums less claims paid (s.)					
66.....	12,436	0	0	0	12,436	Total....	5,350	0	0	0	5,350	Total....	5,407	0	0	0	5,407
42. Domestic service (s.)						73.....	5,350	0	0	0	5,350	70.....	5,407	0	0	0	5,407
Total....	5,349	0	0	0	5,349	61. Funeral and burial expenses (s.)						74. Local transit systems (s.)					
84.....	5,349	0	0	0	5,349	Total....	2,491	2	40	0	2,532	Total....	1,690	0	0	0	1,690
43. Other household operations (s.)						36.....	125	1	36	0	162	65.....	1,690	0	0	0	1,690
Total....	5,442	0	0	0	5,442	42.....	11	(*)	4	0	16	75. Local taxicabs (s.)					
54.....	6	0	0	0	6	65.....	15	0	0	0	15	Total....	1,573	0	0	0	1,573
65.....	1,369	0	0	0	1,369	71.....	425	0	0	0	425	65.....	1,573	0	0	0	1,573
70.....	656	0	0	0	656	72.....	1,915	0	0	0	1,915	76. Local railway (commutation) (s.)					
72.....	1,220	0	0	0	1,220	62. Other personal business (s.)						78. Intercity railway (excluding commutation) (s.)					
73.....	373	0	0	0	373	Total....	2,757	0	0	0	2,757	Total....	214	0	0	0	214
78.....	1,819	0	0	0	1,819	66.....	33	0	0	0	33	65.....	214	0	0	0	214
45. Drug preparations and sundries (n.d.)						70.....	38	0	0	0	38	79. Intercity bus (s.)					
Total....	4,743	58	3,891	0	8,692	72.....	375	0	0	0	375	Total....	585	0	0	0	585
24.....	295	13	242	0	550	73.....	582	0	0	0	582	65.....	585	0	0	0	585
27.....	1	0	0	0	1	77.....	1,681	0	0	0	1,681	80. Airline (s.)					
29.....	4,175	40	3,412	0	7,628	78.....	50	0	0	0	50	Total....	3,108	0	0	0	3,108
31.....	1	(*)	1	0	2	65. New autos (d.)						81. Other purchased intercity transportation (s.)					
32.....	67	2	42	0	111	Total....	25,099	703	6,043	0	31,846	Total....	243	0	0	0	243
34.....	12	(*)	9	0	20	59.....	25,099	703	6,043	0	31,846	65.....	243	0	0	0	243
54.....	12	(*)	9	0	20	66. Net purchases of used autos (d.)						83. Books and maps (d.)					
55.....	4	0	3	0	7	Total....	2,281	1	4,155	0	6,437	Total....	1,709	49	1,161	0	2,920
62.....	189	2	184	0	374	80.....	6	1	2	0	9	26.....	1,709	49	1,161	0	2,920
46. Ophthalmic products and orthopedic appliances (d.)						81.....	2,275	0	4,153	0	6,428	84. Magazines, newspapers, and sheet music (n.d.)					
Total....	570	2	1,576	0	2,148	67. Other motor vehicles (d.)						Total....	3,014	56	1,589	0	4,659
58.....	20	1	12	0	32	Total....	4,293	88	1,382	0	5,762	26.....	3,041	56	1,577	0	4,673
62.....	99	1	99	0	198	59.....	2,942	84	723	0	3,749	81.....	-27	0	13	0	-14
63.....	451	1	1,466	0	1,918	61.....	1,224	4	469	0	1,696	84. Magazines, newspapers, and sheet music (n.d.)					
47. Physicians (s.)						81.....	127	0	190	0	317	Total....	3,014	56	1,589	0	4,659
Total....	15,740	0	0	0	15,740	68. Tires, tubes, accessories, and other parts (d.)						26.....	3,041	56	1,577	0	4,673
77.....	15,740	0	0	0	15,740	Total....	3,903	142	4,118	0	8,163	81.....	-27	0	13	0	-14
48. Dentists (s.)						19.....	19	1	18	0	38	84. Magazines, newspapers, and sheet music (n.d.)					
Total....	5,347	0	0	0	5,347	27.....	133	18	150	0	300	Total....	3,014	56	1,589	0	4,659
77.....	5,347	0	0	0	5,347	29.....	35	1	21	0	57	26.....	3,041	56	1,577	0	4,673
49. Other professional services (s.)						32.....	2,625	67	2,777	0	5,469	81.....	-27	0	13	0	-14
Total....	1,771	0	0	0	1,771	35.....	4	(*)	5	0	9	84. Magazines, newspapers, and sheet music (n.d.)					
73.....	78	0	0	0	78	36.....	8	0	4	0	11	Total....	3,014	56	1,589	0	4,659
77.....	1,693	0	0	0	1,693	42.....	32	2	30	0	63	26.....	3,041	56	1,577	0	4,673
50. Privately controlled hospitals and sanitariums (s.)						50.....	18	1	15	0	34	81.....	-27	0	13	0	-14
Total....	22,893	0	0	0	22,893	52.....	41	1	34	0	75	84. Magazines, newspapers, and sheet music (n.d.)					
77.....	22,893	0	0	0	22,893	55.....	48	1	47	0	96	Total....	3,014	56	1,589	0	4,659
51. Health insurance (s.)						56.....	34	(*)	36	0	70	26.....	3,041	56	1,577	0	4,673
Total....	5,267	0	0	0	5,267	57.....	6	0	5	0	11	81.....	-27	0	13	0	-14
70.....	5,267	0	0	0	5,267	58.....	657	38	598	0	1,293	84. Magazines, newspapers, and sheet music (n.d.)					
56. Brokerage charges and investment counseling (s.)						59.....	338	13	326	0	678	Total....	3,014	56	1,589	0	4,659
Total....	3,975	0	0	0	3,975	81.....	-95	0	54	0	-42	26.....	3,041	56	1,577	0	4,673
70.....	3,975	0	0	0	3,975	69. Motor vehicle repair, greasing, washing, parking, storage, and rental (s.)						81.....	-27	0	13	0	-14

See footnotes at end of table.

Table B.—Input-Output Commodity Composition of Personal Consumption Expenditures, in Producers' and Purchasers' Prices, 1972—
Continued

[Millions of dollars]

I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Insurance	Purchasers' prices
85. Nondurable toys and sport supplies (n.d.)						91. Admissions to motion picture theaters (s.)						100. Private elementary and secondary schools (s.)					
Total....	3,836	80	2,618	0	6,534	Total....	1,672	0	0	0	1,672	Total....	3,717	0	0	0	3,717
03.....	120	(*)	155	0	276	76.....	1,672	0	0	0	1,672	77.....	3,717	0	0	0	3,717
13.....	174	3	82	0	259	92. Admissions to legitimate theaters, opera, and entertainments of nonprofit institutions (except athletic) (s.)						101. Other private education and research (s.)					
17.....	7	(*)	5	0	12	Total....	529	0	0	0	529	Total....	2,823	0	0	0	2,823
24.....	13	(*)	3	0	16	76.....	529	0	0	0	529	76.....	68	0	0	0	68
26.....	78	3	39	0	120	93. Admission to spectator sports (s.)						102. Religious and welfare activities (s.)					
27.....	24	2	12	0	38	Total....	1,195	0	0	0	1,195	Total....	10,911	0	0	0	10,911
32.....	17	1	11	0	28	76.....	1,195	0	0	0	1,195	77.....	10,911	0	0	0	10,911
53.....	4	0	0	0	4	94. Clubs and fraternal organizations, except insurance (s.)						104. Foreign travel by U.S. residents (s.)					
55.....	191	2	95	0	287	Total....	1,327	0	0	0	1,327	Total....	6,879	0	0	0	6,879
58.....	55	1	25	0	81	76.....	777	0	0	0	777	65.....	2,395	0	0	0	2,395
63.....	613	5	312	0	930	77.....	550	0	0	0	550	80.....	4,484	0	0	0	4,484
64.....	2,540	63	1,879	0	4,482	95. Commercial participant amusements (s.)						105. Expenditures abroad by U.S. residents (n.d.)					
86. Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft (d.)						96. Parimutuel net receipts (s.)						106. Expenditures in the U.S. by foreigners (s.)					
Total....	4,782	58	2,454	0	7,294	Total....	1,257	0	0	0	1,257	Total....	1,930	0	0	0	1,930
13.....	283	1	124	0	408	76.....	1,185	0	0	0	1,185	78.....	300	0	0	0	300
19.....	159	4	91	0	253	79.....	72	0	0	0	72	80.....	1,630	0	0	0	1,630
32.....	46	1	21	0	68	97. Other recreation (s.)						107. Personal remittances in kind to foreigners (n.d.)					
34.....	58	1	49	0	109	Total....	5,239	22	155	(*)	5,416	Total....	-230	0	0	0	-230
42.....	44	(*)	32	0	76	01.....	185	22	128	0	335	83.....	-3,295	0	0	0	-3,295
43.....	188	2	62	0	202	03.....	49	0	8	0	57	Total personal consumption expenditures					
58.....	4	(*)	4	0	8	04.....	106	0	0	0	106	Total....	589,442	8,307	140,321	2	738,072
60.....	106	0	6	0	111	06.....	410	0	0	0	410	Durable commodities (d.)					
61.....	2,671	29	1,188	0	3,888	70.....	11	0	0	0	11	Total....	68,359	1,549	40,994	1	110,902
63.....	493	3	290	0	786	72.....	1,329	0	0	0	1,329	Nondurable commodities (n.d.)					
64.....	623	15	458	0	1,096	73.....	856	0	0	0	856	Total....	194,766	6,735	99,133	1	300,634
72.....	72	0	0	0	72	76.....	1,397	0	0	0	1,397	Services (s.)					
73.....	92	0	0	0	92	77.....	645	0	0	0	645	Total....	326,317	24	195	(*)	326,535
81.....	-5	0	131	0	126	79.....	223	0	0	0	223	Total					
87. Radio and TV receivers, records, and musical instruments (d.)						99. Private higher education (s.)											
Total....	5,609	82	4,232	0	9,923	Total....	5,111	0	0	0	5,111						
34.....	2	(*)	2	0	4	77.....	5,111	0	0	0	5,111						
56.....	4,860	70	3,609	0	8,539	99. Private higher education (s.)											
57.....	313	3	157	0	473	Total....	5,111	0	0	0	5,111						
58.....	71	3	40	0	114	99. Private higher education (s.)											
64.....	366	6	286	0	653	Total....	5,111	0	0	0	5,111						
81.....	-3	0	138	0	135	77.....	5,111	0	0	0	5,111						
88. Radio and TV repair (s.)						99. Private higher education (s.)											
Total....	1,609	0	0	0	1,609	99. Private higher education (s.)											
56.....	1	0	0	0	1	99. Private higher education (s.)											
72.....	1,587	0	0	0	1,587	99. Private higher education (s.)											
73.....	21	0	0	0	21	99. Private higher education (s.)											
89. Flowers, seeds, and potted plants (n.d.)						99. Private higher education (s.)											
Total....	789	96	1,244	0	2,129	99. Private higher education (s.)											
02.....	750	96	1,244	0	2,090	99. Private higher education (s.)											
04.....	19	0	0	0	19	99. Private higher education (s.)											
73.....	20	0	0	0	20	99. Private higher education (s.)											

*Less than \$500,000.

NOTE.—The identifying numbers for the personal consumption expenditure categories are those used in table 2.6 in the July 1978 SURVEY OF CURRENT BUSINESS.

Personal consumption expenditures of scrap, used, and secondhand goods (I-O 81) from other final demand components are shown net of corresponding sales. (Sales among persons cancel.) However, the trade margin has been measured on all sales of used goods—both among

persons and between personal consumption expenditures and other final demand categories—to the extent that value such sales pass through trade channels. The trade margin is usually the largest part of the value of used goods in purchasers' prices.

The margin for insurance (I-O 70) covers only the cost of insuring noncomparable imported commodities as they move from the foreign port to the domestic port. Insurance on domestic products in transit is included in transportation cost.

ducers' durable equipment (PDE) is classified in the NIPA's (table 5.6).^{4 5}

4 The estimates included in each NIPA type represent purchases of new equipment, net purchases of used equipment from other final users (e.g., persons and government), and for the passenger car category, a deduction for sale of scrapped cars. The sale of equipment scrap, except passenger cars, is not identified by type; it is deducted in total to yield total private purchases.

5 The I-O estimates in table C are for 85-commodity categories. A comparable table with the full 496-commodity detail is available upon request.

For each PDE type, the table shows the breakdown of expenditures by I-O commodity in producers' prices, and the transportation costs and trade margins.

Table D shows comparable imports in foreign port value and domestic port value, and transportation costs, duty, and insurance.⁶ Comparable imports in

domestic port value appear with a negative sign in column 95 of table 1; this value is the one most consistent with the producers' value of the comparable domestic commodity. Table D may be used if the imports to be

6 Comparable imports are those for which there are domestic counterparts. Imports for which there are no domestic counterparts are identified as noncomparable imports (row 80 in table 1).

Table C.—Input-Output Commodity Composition of Producers' Durable Equipment Expenditures, in Producers' and Purchasers' Prices, 1972

[Millions of dollars]

I-O commodity number	Producers' prices	Transportation	Trade	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Purchasers' prices	I-O commodity number	Producers' prices	Transportation	Trade	Purchasers' prices
1. Furniture and fixtures					9. Special industry machinery, n.e.c.					17. Passenger cars				
Total..	2,962.5	76.7	353.1	3,392.3	Total..	4,232.0	36.0	266.8	4,534.8	Total..	5,318.3	232.7	1,955.9	7,506.9
22.....	569.7	8.3	33.4	611.4	48.....	4,237.0	36.0	266.8	4,539.8	59.....	8,214.3	232.7	1,816.9	10,263.9
23.....	2,387.8	68.4	290.7	2,746.9	81.....	-5.0			-5.0	81.....	-2,896.0		139.0	-2,757.0
81.....	5.0		29.0	34.0										
2. Fabricated metal products					10. General industrial, including materials handling, equipment					18. Aircraft				
Total..	2,305.5	42.7	171.7	2,519.9	Total..	3,753.1	102.2	324.6	4,179.9	Total..	1,830.7	2.8	80.9	1,914.4
6.....	198.6	8.1	4.8	211.5	46.....	1,640.5	68.4	90.5	1,799.4	60.....	1,980.5	2.0	62.8	2,045.3
27.....	164.2			164.2	49.....	2,147.5	33.8	234.1	2,415.4	62.....	207.9	.8	18.1	226.8
37.....	2.1			2.1	81.....	-34.9			-34.9	81.....	-357.7			-357.7
39.....	13.0	.6	1.0	14.6										
40.....	1,196.6	19.1	57.5	1,273.2	11. Office, computing, and accounting machinery					19. Ships and boats				
42.....	713.2	14.9	108.4	836.5	Total..	4,303.6	37.1	573.4	4,914.1	Total..	1,088.1	.6	12.9	1,101.6
48.....	23.8			23.8	51.....	4,323.2	37.1	511.5	4,871.8	61.....	1,144.6	.6	12.9	1,158.1
81.....	-6.0			-6.0	81.....	-19.6		61.9	42.3	81.....	-56.5			-56.5
3. Engines and turbines					12. Service industry machinery					20. Railroad equipment				
Total..	1,606.3	26.8	52.2	1,685.3	Total..	2,307.7	28.1	450.4	2,786.2	Total..	1,473.5	30.0	33.5	1,537.0
43.....	1,606.3	26.8	52.2	1,685.3	50.....	38.6	6.9	4.2	49.7	61.....	1,491.4	30.0	33.5	1,554.9
4. Tractors					13. Electrical transmission, distribution, and industrial apparatus					21. Instruments				
Total..	1,911.2	41.6	355.8	2,308.6	Total..	3,314.6	47.1	323.7	3,685.4	Total..	3,989.2	23.5	785.8	4,798.5
44.....	1,406.7	36.3	197.4	1,640.4	53.....	3,309.6	47.1	216.9	3,573.6	62.....	1,911.7	7.1	398.9	2,317.7
45.....	504.1	5.1	81.5	590.7	81.....	5.0		106.8	111.8	63.....	2,074.5	16.4	386.9	2,477.8
80.....	2.4	.2		2.6						81.....	3.0			3.0
81.....	-2.0		76.9	74.9	14. Communication equipment					22. Miscellaneous equipment				
5. Agricultural machinery (except tractors)					15. Electrical equipment, n.e.c.					23. Scrap				
Total..	2,181.7	65.7	275.9	2,523.3	Total..	710.7	18.9	213.2	942.8	Total..	-445.0			-445.0
44.....	2,181.7	65.7	272.9	2,520.3	54.....	214.6	4.0	40.9	259.5	81.....	-445.0			-445.0
81.....			3.0	3.0	55.....	82.2	.8	11.6	94.6	24. Residential (landlord durables)				
6. Construction machinery					16. Trucks, buses, and truck trailers					24. Residential (landlord durables)				
Total..	2,534.2	25.9	522.2	3,082.3	Total..	8,362.5	197.1	1,353.4	9,913.0	Total..	1,298.6	46.6	190.9	1,536.1
45.....	2,544.2	25.9	422.4	2,992.5	59.....	8,450.1	197.1	1,303.5	9,950.7	17.....	358.5	10.1	48.8	417.4
81.....	-10.0		99.8	89.8	81.....	-87.6		49.9	-37.7	22.....	110.2	.9	5.8	116.9
7. Mining and oilfield machinery					17. Passenger cars					24. Residential (landlord durables)				
Total..	800.9	24.2	78.6	903.7						Total..	1,298.6	46.6	190.9	1,536.1
8.....	53.4			53.4						17.....	358.5	10.1	48.8	417.4
45.....	725.3	23.8	61.5	810.6						22.....	110.2	.9	5.8	116.9
49.....	22.2	.4	3.1	25.7						32.....	2.7		.3	3.0
81.....			14.0	14.0						54.....	790.6	35.1	128.8	954.5
8. Metalworking machinery					18. Aircraft					24. Residential (landlord durables)				
Total..	3,868.4	21.9	325.4	4,215.7						Total..	1,830.7	2.8	80.9	1,914.4
47.....	3,878.4	21.9	292.5	4,192.8						60.....	1,980.5	2.0	62.8	2,045.3
81.....	-10.0		32.9	22.9						62.....	207.9	.8	18.1	226.8

Table D.—Comparable Imports in Foreign Port Value and Domestic Port Value, 1972

[Millions of dollars]

Commodity number	Foreign port value	Transportation	Duty	Insurance	Domestic port value
Total.....	60,356	2,653	2,993	96	66,098
1.....	240	4	15	(*)	259
2.....	553	20	56	1	630
3.....	1,091	52	7	2	1,152
4.....	2	0	0	0	2
5.....	503	113	2	1	619
6.....	372	38	3	1	414
7.....	1	0	0	0	1
8.....	2,417	258	88	(*)	2,763
9.....	157	22	(*)	(*)	179
10.....	78	12	6	(*)	96
13.....	72	1	7	(*)	81
14.....	4,354	185	307	11	4,857
15.....	56	2	13	0	71
16.....	732	26	135	2	895
17.....	506	52	27	1	586
18.....	1,994	110	529	5	2,638
19.....	107	10	16	(*)	134
20.....	1,937	56	77	3	2,073
21.....	4	0	(*)	0	4
22.....	184	17	15	(*)	216
23.....	125	1	2	0	128
24.....	1,746	30	8	1	1,785
25.....	6	(*)	(*)	0	6
26.....	225	8	3	(*)	236
27.....	1,247	42	72	3	1,363
28.....	280	13	30	1	324
29.....	200	5	19	1	315
30.....	2	0	(*)	0	2
31.....	2,427	397	49	1	2,873
32.....	1,008	75	72	3	1,158
33.....	142	7	8	(*)	157
34.....	891	75	95	2	1,064
35.....	271	24	40	1	336
36.....	541	31	63	1	636
37.....	3,083	221	185	8	3,497
38.....	2,512	32	43	4	2,591
39.....	15	(*)	1	0	16
40.....	137	3	8	(*)	148
41.....	220	6	8	1	234
42.....	799	20	57	2	878
43.....	228	11	9	1	248
44.....	429	26	(*)	(*)	456
45.....	160	9	8	(*)	177
46.....	115	8	6	(*)	128
47.....	258	12	27	1	297
48.....	791	31	51	3	875
49.....	474	32	27	1	534
50.....	7	(*)	1	0	7
51.....	689	16	27	2	734
52.....	70	3	3	(*)	77
53.....	487	20	33	1	541
54.....	451	27	26	1	505
55.....	153	5	14	(*)	172
56.....	2,305	67	140	6	2,517
57.....	533	9	29	1	572
58.....	293	10	17	1	321
59.....	8,057	235	155	12	8,459
60.....	540	2	19	1	562
61.....	1,341	54	57	3	1,454
62.....	403	9	61	1	474
63.....	540	15	52	2	608
64.....	1,544	69	166	3	1,782
65.....	3,806	0	0	0	3,806
68.....	414	(*)	0	0	414
70.....	261	0	0	0	261
73.....	10	1	(*)	0	11
76.....	12	0	0	0	12
77.....	30	0	0	0	30
81.....	1,112	15	1	2	1,130
83.....	3,521	0	0	0	3,521

*Less than \$500,000

analyzed are in foreign port value and in the I-O classification.

It should be noted that the dollar values of transportation and insurance (I-0's 65 and 70) in table D differ from those in column 95 of table 1. The entry (in millions of dollars) for transportation in table 1 (-1,153) equals the column total for transportation in

table D (2,653) less the row value for I-0 65 in table D (3,806). The column total for transportation in table D consists of the cost of transportation of imported goods by foreign and domestic carriers, whereas the row entry for I-0 65 consists of such costs by foreign carriers plus costs for transporting U.S. residents and their personal goods on

foreign carriers. Similarly, the insurance value in table 1 (-165) equals the column total for insurance in table D (96) less the row value for I-0 70 in table D (261). The entry for trade in table 1 is positive and equal to the column total for duty in table D (2,993). Total imports (-76,199, in column 95 of table 1) are equal to the negative of total foreign port value (-60,356, in the first column of table D), plus total noncomparable imports (-15,843, in row 80, column 95 of table 1).

APPENDIX I.—Industry Classification of the 1972 Input-Output Tables¹

The titles in bold face represent the groupings of industries used for the summary version of the 1972 tables.

Industry number and title	Related Census-SIC codes (1972 edition)	Industry number and title	Related Census-SIC codes (1972 edition)
AGRICULTURE, FORESTRY, AND FISHERIES			
1 Livestock and livestock products			
1.0100 Dairy farm products.....	0241, pt. 0191, pt. 0259, pt. 0291	11.0106 New hotels and motels.....	pt. 15-17
1.0200 Poultry and eggs.....	025 (excl. 0254 and pt. 0259), pt. 0191, pt. 0219, pt. 0291	11.0107 New dormitories.....	pt. 15, pt. 17
1.0301 Meat animals.....	021 (excl. pt. 0219), pt. 0191, pt. 0259, pt. 0291	11.0201 New industrial buildings.....	pt. 15-17
1.0302 Miscellaneous livestock.....	027, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0202 New office buildings.....	pt. 15, pt. 17
2 Other agricultural products			
2.0100 Cotton.....	0131, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0203 New warehouses.....	pt. 15, pt. 17
2.0201 Food grains.....	pt. 011, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0204 New garages and service stations.....	pt. 15, pt. 17
2.0202 Feed grains.....	pt. 011, pt. 0139, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0205 New stores and restaurants.....	pt. 15, pt. 17
2.0203 Grass seeds.....	pt. 0139, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0206 New religious buildings.....	pt. 15, pt. 17
2.0300 Tobacco.....	0132, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0207 New educational buildings.....	pt. 15, pt. 17
2.0401 Fruits.....	pt. 017, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0208 New hospital and institutional buildings.....	pt. 15, pt. 17
2.0402 Tree nuts.....	0173, pt. 0179, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0209 New other nonfarm buildings.....	pt. 15, pt. 17
2.0501 Vegetables.....	0134, 0161, pt. 0119, pt. 0139, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0801 New telephone and telegraph facilities.....	pt. 16, pt. 17
2.0502 Sugar crops.....	0133, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0802 New railroads.....	pt. 16, pt. 17
2.0503 Miscellaneous crops.....	pt. 0119, pt. 0139, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0803 New electric utility facilities.....	pt. 16, pt. 17
2.0600 Oil bearing crops.....	0116, pt. 0119, pt. 013, pt. 0173, pt. 0219, pt. 0259, pt. 0291	11.0804 New gas utility facilities.....	pt. 16, pt. 17
2.0701 Forest products.....	pt. 018, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0305 New petroleum pipelines.....	pt. 16, pt. 17
2.0702 Greenhouse and nursery products.....	pt. 018, pt. 0191, pt. 0219, pt. 0259, pt. 0291	11.0306 New water supply facilities.....	pt. 16, pt. 17
3 Forestry and fishery products			
3.0000 Forestry and fishery products.....	081-4, 091, 097	11.0307 New sewer system facilities.....	pt. 16, pt. 17
4 Agricultural, forestry, and fishery services			
4.0000 Agricultural, forestry, and fishery services.....	0254, 07 (excl. 074), 085, 092	11.0308 New local transit facilities.....	pt. 16, pt. 17
MINING			
5 Iron and ferroalloy ores mining			
5.0000 Iron and ferroalloy ores mining.....	101, 106	11.0400 New highways and streets.....	pt. 16, pt. 17
6 Nonferrous metal ores mining			
6.0100 Copper ore mining.....	102	11.0501 New farm housing units and additions and alterations.....	pt. 15, pt. 17
6.0200 Nonferrous metal ores mining, except copper.....	103-5, pt. 108, 109	11.0502 New farm service facilities.....	pt. 15, pt. 17
7 Coal mining			
7.0000 Coal mining.....	1111, pt. 1112, 1211, pt. 1213	11.0503 New petroleum and natural gas well drilling.....	pt. 138
8 Crude petroleum and natural gas			
8.0000 Crude petroleum and natural gas.....	131, 132, pt. 138	11.0504 New petroleum, natural gas, and solid mineral exploration.....	pt. 108, pt. 1112, pt. 1213, pt. 138, pt. 148
9 Stone and clay mining and quarrying			
9.0000 Stone and clay mining and quarrying.....	141-5, pt. 148, 149	11.0505 New military facilities.....	pt. 15-17
10 Chemical and fertilizer mineral mining			
10.0000 Chemical and fertilizer mineral mining.....	147	11.0506 New conservation and development facilities.....	pt. 15-17
CONSTRUCTION			
11 New construction			
11.0101 New residential 1-unit structures, nonfarm.....	pt. 15, pt. 17	11.0507 Other new nonbuilding facilities.....	pt. 15-17
11.0102 New residential 2-4 unit structures, nonfarm.....	pt. 15, pt. 17	11.0508 New access structures for solid mineral development.....	pt. 108, pt. 1112, pt. 1213, pt. 148
11.0103 New residential garden apartments.....	pt. 15-17	12 Maintenance and repair construction	
11.0104 New residential high-rise apartments.....	pt. 15-17	12.0100 Maintenance and repair, residential.....	pt. 15, pt. 17
11.0105 New residential additions and alterations, nonfarm.....	pt. 15, pt. 17	12.0201 Maintenance and repair of other nonfarm buildings.....	pt. 15, pt. 17
		12.0202 Maintenance and repair of farm residential buildings.....	pt. 15, pt. 17
		12.0203 Maintenance and repair of farm service facilities.....	pt. 15, pt. 17
		12.0204 Maintenance and repair of telephone and telegraph facilities.....	pt. 16, pt. 17
		12.0205 Maintenance and repair of railroads.....	pt. 16, pt. 17
		12.0206 Maintenance and repair of electric utility facilities.....	pt. 16, pt. 17
		12.0207 Maintenance and repair of gas utility facilities.....	pt. 16, pt. 17
		12.0208 Maintenance and repair of petroleum pipelines.....	pt. 16, pt. 17
		12.0209 Maintenance and repair of water supply facilities.....	pt. 16, pt. 17
		12.0210 Maintenance and repair of sewer facilities.....	pt. 16, pt. 17
		12.0211 Maintenance and repair of local transit facilities.....	pt. 16, pt. 17
		12.0212 Maintenance and repair of military facilities.....	pt. 15-17
		12.0213 Maintenance and repair of conservation and development facilities.....	pt. 15-17
		12.0214 Maintenance and repair of highways and streets.....	pt. 16, pt. 17
		12.0215 Maintenance and repair of petroleum and natural gas wells.....	pt. 138
		12.0216 Maintenance and repair of other nonbuilding facilities.....	pt. 15-17
		MANUFACTURING	
		13 Ordnance and accessories	
		13.0100 Complete guided missiles.....	3761
		13.0200 Ammunition, except for small arms, n.e.c.....	3483
		13.0300 Tanks and tank components.....	3795
		13.0500 Small arms.....	3484
		13.0600 Small arms ammunition.....	3482
		13.0700 Other ordnance and accessories.....	3489
		14 Food and kindred products	
		14.0101 Meat packing plants.....	2011
		14.0102 Sausages and other prepared meats.....	2013
		14.0103 Poultry dressing plants.....	2016
		14.0104 Poultry and egg processing.....	2017
		14.0200 Creamery butter.....	2021
		14.0300 Cheese, natural and processed.....	2022
		14.0400 Condensed and evaporated milk.....	2023
		14.0500 Ice cream and frozen desserts.....	2024
		14.0600 Fluid milk.....	2026
		14.0700 Canned and cured sea foods.....	2091
		14.0800 Canned specialties.....	2032
		14.0900 Canned fruits and vegetables.....	2033
		14.1000 Dehydrated food products.....	2034
		14.1100 Pickles, sauces, and salad dressings.....	2035
		14.1200 Fresh or frozen packaged fish.....	2092
		14.1300 Frozen fruits and vegetables.....	2037-8
		14.1401 Flour and other grain mill products.....	2041
		14.1402 Cereal preparations.....	2043
		14.1403 Blended and prepared flour.....	2045
		14.1501 Dog, cat, and other pet food.....	2047
		14.1502 Prepared feeds, n.e.c.....	2048
		14.1600 Rice milling.....	2044
		14.1700 Wet corn milling.....	2046
		14.1801 Bread, cake, and related products.....	2051
		14.1802 Cookies and crackers.....	2052
		14.1900 Sugar.....	2061-3
		14.2001 Confectionery products.....	2065
		14.2002 Chocolate and cocoa products.....	2066
		14.2003 Chewing gum.....	2067
		14.2101 Malt liquors.....	2082
		14.2102 Malt.....	2083
		14.2103 Wines, brandy, and brandy spirits.....	2084
		14.2104 Distilled liquor, except brandy.....	2085
		14.2200 Bottled and canned soft drinks.....	2086
		14.2300 Flavoring extracts and sirups, n.e.c.....	2087
		14.2400 Cottonseed oil mills.....	2074
		14.2500 Soybean oil mills.....	2075

See footnote at end of appendix I.

APPENDIX I.—Industry Classification of the 1972 Input-Output Tables¹—Continued

Industry number and title	Related Census-SIC codes (1972 edition)	Industry number and title	Related Census-SIC codes (1972 edition)
14.2600 Vegetable oil mills, n.e.c.	2076	26 Printing and publishing	
14.2700 Animal and marine fats and oils	2077	26.0100 Newspapers	271
14.2800 Roasted coffee	2095	26.0200 Periodicals	272
14.2900 Shortening and cooking oils	2079	26.0301 Book publishing	2731
14.3000 Manufactured ice	2097	26.0302 Book printing	2732
14.3100 Macaroni and spaghetti	2098	26.0400 Miscellaneous publishing	274
14.3200 Food preparations, n.e.c.	2099	26.0501 Commercial printing	2751-2, 2754
15 Tobacco manufactures		26.0502 Lithographic platemaking and services	2795
15.0101 Cigarettes	211	26.0601 Manifold business forms	276
15.0102 Cigars	212	26.0602 Blankbooks and looseleaf binders	2782
15.0103 Chewing and smoking tobacco	213	26.0700 Greeting card publishing	277
15.0200 Tobacco stemming and redrying	214	26.0801 Engraving and plate printing	2753
16 Broad and narrow fabrics, yarn and thread mills		26.0802 Bookbinding and related work	2789
16.0100 Broadwoven fabric mills and fabric finishing plants	221-3, 2261-2	26.0803 Typesetting	2791
16.0200 Narrow fabric mills	224	26.0804 Photoengraving	2793
16.0300 Yarn mills and finishing of textiles, n.e.c.	2269, 2281-3	26.0805 Electrotyping and stereotyping	2794
16.0400 Thread mills	2284	27 Chemicals and selected chemical products	
17 Miscellaneous textile goods and floor coverings		27.0100 Industrial inorganic and organic chemicals	281 (excl. 28195), 2865, 2869
17.0100 Floor coverings	227	27.0201 Nitrogenous and phosphatic fertilizers	2873-4
17.0200 Felt goods, n.e.c.	2291	27.0202 Fertilizers, mixing only	2875
17.0300 Lace goods	2292	27.0300 Agricultural chemicals, n.e.c.	2879
17.0400 Padding and upholstery filling	2293	27.0401 Gum and wood chemicals	2861
17.0500 Processed textile waste	2294	27.0402 Adhesives and sealants	2891
17.0600 Coated fabrics, not rubberized	2295	27.0403 Explosives	2892
17.0700 Tire cord and fabric	2296	27.0404 Printing ink	2893
17.0800 Cordage and twine	2298	27.0405 Carbon black	2895
17.1001 Nonwoven fabrics	2297	27.0406 Chemical preparations, n.e.c.	2899
17.1002 Textile goods, n.e.c.	2299	28 Plastics and synthetic materials	
18 Apparel		28.0100 Plastics materials and resins	2821
18.0101 Women's hosiery, except socks	2251	28.0200 Synthetic rubber	2822
18.0102 Hosiery, n.e.c.	2252	28.0300 Cellulosic man-made fibers	2823
18.0201 Knit outerwear mills	2253	28.0400 Organic fibers, noncellulosic	2824
18.0202 Knit underwear mills	2254	29 Drugs, cleaning and toilet preparations	
18.0203 Knitting mills, n.e.c.	2259	29.0100 Drugs	283
18.0300 Knit fabric mills	2257-8	29.0201 Soap and other detergents	2841
18.0400 Apparel made from purchased materials	231-8, 39996	29.0202 Polishes and sanitation goods	2842
19 Miscellaneous fabricated textile products		29.0203 Surface active agents	2843
19.0100 Curtains and draperies	2391	29.0300 Toilet preparations	2844
19.0200 Housefurnishings, n.e.c.	2392	30 Paints and allied products	
19.0301 Textile bags	2393	30.0000 Paints and allied products	285
19.0302 Canvas products	2394	31 Petroleum refining and related industries	
19.0303 Pleating and stitching	2395	31.0100 Petroleum refining and miscellaneous products of petroleum and coal	291, 299
19.0304 Automotive and apparel trimmings	2396	31.0200 Paving mixtures and blocks	2951
19.0305 Schiffli machine embroideries	2397	31.0300 Asphalt felts and coatings	2952
19.0306 Fabricated textile products, n.e.c.	2399	32 Rubber and miscellaneous plastics products	
20 Lumber and wood products, except containers		32.0100 Tires and inner tubes	301
20.0100 Logging camps and logging contractors	2411	32.0200 Rubber and plastics footwear	302
20.0200 Sawmills and planing mills, general	2421	32.0301 Reclaimed rubber	303
20.0300 Hardwood dimension and flooring mills	2426	32.0302 Fabricated rubber products, n.e.c.	306
20.0400 Special product sawmills, n.e.c.	2429	32.0400 Miscellaneous plastics products	307
20.0501 Millwork	2431	32.0500 Rubber and plastics hose and belting	304
20.0502 Wood kitchen cabinets	2434	33 Leather tanning and finishing	
20.0600 Veneer and plywood	2435-6	33.0001 Leather tanning and finishing	311
20.0701 Structural wood members, n.e.c.	2439	34 Footwear and other leather products	
20.0702 Prefabricated wood buildings	2452	34.0100 Footwear cut stock	313
20.0800 Wood preserving	2491	34.0201 Shoes, except rubber	3143-4, 3149
20.0901 Wood pallets and skids	2448	34.0202 House slippers	3142
20.0902 Particleboard	2492	34.0301 Leather gloves and mittens	315
20.0903 Wood products, n.e.c.	2499	34.0302 Luggage	316
21 Wood containers		34.0303 Women's handbags and purses	3171
21.0000 Wood containers	2441, 2449	34.0304 Personal leather goods	3172
22 Household furniture		34.0305 Leather goods, n.e.c.	319
22.0101 Wood household furniture	2511	35 Glass and glass products	
22.0102 Household furniture, n.e.c.	2519	35.0100 Glass and glass products, except containers	321, 3229, 323
22.0103 Wood TV and radio cabinets	2517	35.0200 Glass containers	3221
22.0200 Upholstered household furniture	2512	36 Stone and clay products	
22.0300 Metal household furniture	2514	36.0100 Cement, hydraulic	324
22.0400 Mattresses and bedsprings	2515	36.0200 Brick and structural clay tile	3251
23 Other furniture and fixtures		36.0300 Ceramic wall and floor tile	3253
23.0100 Wood office furniture	2521	36.0400 Clay refractories	3255
23.0200 Metal office furniture	2522	36.0500 Structural clay products, n.e.c.	3259
23.0300 Public building furniture	2531	36.0600 Vitreous plumbing fixtures	3261
23.0400 Wood partitions and fixtures	2541	36.0701 Vitreous china food utensils	3262
23.0500 Metal partitions and fixtures	2542	36.0702 Fine earthenware food utensils	3263
23.0600 Blinds, shades, and drapery hardware	2591	36.0800 Porcelain electrical supplies	3264
23.0700 Furniture and fixtures, n.e.c.	2599	36.0900 Pottery products, n.e.c.	3269
24 Paper and allied products, except containers and boxes		36.1000 Concrete block and brick	3271
24.0100 Pulp mills	261	36.1100 Concrete products, n.e.c.	3272
24.0200 Paper mills, except building paper	262	36.1200 Ready-mixed concrete	3273
24.0300 Paperboard mills	263	36.1300 Lime	3274
24.0400 Envelopes	2642	36.1400 Gypsum products	3275
24.0500 Sanitary paper products	2647	36.1500 Cut stone and stone products	328
24.0602 Building paper and board mills	266	36.1600 Abrasive products	3291
24.0701 Paper coating and glazing	2641	36.1700 Asbestos products	3292
24.0702 Bags, except textile	2643	36.1800 Gaskets, packing and sealing devices	3293
24.0703 Die-cut paper and board	2645	36.1900 Minerals, ground or treated	3295
24.0704 Pressed and molded pulp goods	2646	36.2000 Mineral wool	3296
24.0705 Stationery products	2648	36.2100 Nonclay refractories	3297
24.0706 Converted paper products, n.e.c.	2649	36.2200 Nonmetallic mineral products, n.e.c.	3299
25 Paperboard containers and boxes		37 Primary iron and steel manufacturing	
25.0000 Paperboard containers and boxes	265	37.0101 Blast furnaces and steel mills	3312
		37.0102 Electrometallurgical products	3313

See footnotes at end of appendix I.

APPENDIX I.—Industry Classification of the 1972 Input-Output Tables¹—Continued

Industry number and title	Related Census-SIC codes (1972 edition)	Industry number and title	Related Census-SIC codes (1972 edition)
37.0103 Steel wire and related products.....	3315	50 Miscellaneous machinery, except electrical	
37.0104 Cold finishing of steel shapes.....	3316	50.0001 Carburetors, pistons, rings, valves.....	3592
37.0105 Steel pipe and tubes.....	3317	50.0002 Machinery, except electrical, n.e.c.....	3599
37.0200 Iron and steel foundries.....	332	51 Office, computing, and accounting machines	
37.0300 Iron and steel forgings.....	3462	51.0101 Electronic computing equipment.....	3573
37.0401 Metal heat treating.....	3398	51.0102 Calculating and accounting machines.....	3574
37.0402 Primary metal products, n.e.c.....	3399	51.0200 Typewriters.....	3572
		51.0300 Scales and balances.....	3576
		51.0400 Office machines, n.e.c.....	3579
38 Primary nonferrous metals manufacturing		52 Service industry machines	
38.0100 Primary copper.....	3331	52.0100 Automatic merchandising machines.....	3581
38.0200 Primary lead.....	3332	52.0200 Commercial laundry equipment.....	3582
38.0300 Primary zinc.....	3333	52.0300 Refrigeration and heating equipment.....	3585
38.0400 Primary aluminum.....	3334, 28195	52.0400 Measuring and dispensing pumps.....	3586
38.0500 Primary nonferrous metals, n.e.c.....	3339	52.0500 Service industry machines, n.e.c.....	3589
38.0600 Secondary nonferrous metals.....	334		
38.0700 Copper rolling and drawing.....	3351	53 Electric transmission and distribution equipment and industrial apparatus	
38.0800 Aluminum rolling and drawing.....	3353-5	53.0100 Instruments to measure electricity.....	3825
38.0900 Nonferrous rolling and drawing, n.e.c.....	3356	53.0200 Transformers.....	3612
38.1000 Nonferrous wire drawing and insulating.....	3357	53.0300 Switchgear and switchboard apparatus.....	3613
38.1100 Aluminum castings.....	3361	53.0400 Motors and generators.....	3621
38.1200 Brass, bronze, and copper castings.....	3362	53.0500 Industrial controls.....	3622
38.1300 Nonferrous castings, n.e.c.....	3369	53.0600 Welding apparatus, electric.....	3623
38.1400 Nonferrous forgings.....	3463	53.0700 Carbon and graphite products.....	3624
		53.0800 Electrical industrial apparatus, n.e.c.....	3629
39 Metal containers		54 Household appliances	
39.0100 Metal cans.....	3411	54.0100 Household cooking equipment.....	3631
39.0200 Metal barrels, drums, and pails.....	3412	54.0200 Household refrigerators and freezers.....	3632
		54.0300 Household laundry equipment.....	3633
40 Heating, plumbing, and fabricated structural metal products		54.0400 Electric housewares and fans.....	3634
40.0100 Metal sanitary ware.....	3431	54.0500 Household vacuum cleaners.....	3635
40.0200 Plumbing fixture fittings and trim.....	3432	54.0600 Sewing machines.....	3636
40.0300 Heating equipment, except electric.....	3433	54.0700 Household appliances, n.e.c.....	3639
40.0400 Fabricated structural metal.....	3441		
40.0500 Metal doors, sash, and trim.....	3442	55 Electric lighting and wiring equipment	
40.0600 Fabricated plate work (boiler shops).....	3443	55.0100 Electric lamps.....	3641
40.0700 Sheet metal work.....	3444	55.0200 Lighting fixtures and equipment.....	3645-8
40.0800 Architectural metal work.....	3444	55.0300 Wiring devices.....	3643-4
40.0901 Prefabricated metal buildings.....	3446		
40.0902 Miscellaneous metal work.....	3448	56 Radio, TV, and communication equipment	
	3449	56.0100 Radio and TV receiving sets.....	3651
		56.0200 Phonograph records and tape.....	3652
41 Screw machine products and stampings		56.0300 Telephone and telegraph apparatus.....	3661
41.0100 Screw machine products and bolts, nuts, rivets, and washers.....	345	56.0400 Radio and TV communication equipment.....	3662
41.0201 Automotive stampings.....	3465		
41.0202 Crowns and closures.....	3466	57 Electronic components and accessories	
41.0203 Metal stampings, n.e.c.....	3469	57.0100 Electron tubes.....	3671-3
		57.0200 Semiconductors and related devices.....	3674
		57.0300 Electronic components, n.e.c.....	3675-9
42 Other fabricated metal products		58 Miscellaneous electrical machinery, equipment, and supplies	
42.0100 Cutlery.....	3421	58.0100 Storage batteries.....	3691
42.0201 Hand and edge tools, n.e.c.....	3423	58.0200 Primary batteries, dry and wet.....	3692
42.0202 Hand saws and saw blades.....	3425	58.0300 X-ray apparatus and tubes.....	3693
42.0300 Hardware, n.e.c.....	3429	58.0400 Engine electrical equipment.....	3694
42.0401 Plating and polishing.....	3471	58.0500 Electrical equipment, n.e.c.....	3699
42.0402 Metal coating and allied services.....	3479		
42.0500 Miscellaneous fabricated wire products.....	3495-6	59 Motor vehicles and equipment	
42.0700 Steel springs, except wire.....	3493	59.0100 Truck and bus bodies.....	3713
42.0800 Pipe, valves, and pipe fittings.....	3494, 3498	59.0200 Truck trailers.....	3715
42.1000 Metal foil and leaf.....	3497	59.0301 Motor vehicles.....	3711
42.1100 Fabricated metal products, n.e.c.....	3499	59.0302 Motor vehicle parts and accessories.....	3714
43 Engines and turbines		60 Aircraft and parts	
43.0100 Steam engines and turbines.....	3511	60.0100 Aircraft.....	3721
43.0200 Internal combustion engines, n.e.c.....	3519	60.0200 Aircraft and missile engines and engine parts.....	3724, 3764
		60.0400 Aircraft and missile equipment, n.e.c.....	3728, 3769
44 Farm and garden machinery		61 Other transportation equipment	
44.0001 Farm machinery and equipment.....	3523	61.0100 Ship building and repairing.....	3731
44.0002 Lawn and garden equipment.....	3524	61.0200 Boat building and repairing.....	3732
		61.0300 Railroad equipment.....	374
45 Construction and mining machinery		61.0500 Motorcycles, bicycles, and parts.....	375
45.0100 Construction machinery and equipment.....	3531	61.0601 Travel trailers and campers.....	3792
45.0200 Mining machinery, except oilfield.....	3532	61.0602 Mobile homes.....	2451
45.0300 Oilfield machinery.....	3533	61.0700 Transportation equipment, n.e.c.....	3799
46 Materials handling machinery and equipment		62 Professional, scientific, and controlling instruments and supplies	
46.0100 Elevators and moving stairways.....	3534	62.0100 Engineering and scientific instruments.....	3811
46.0200 Conveyors and conveying equipment.....	3535	62.0200 Mechanical measuring devices.....	3823-4, 3829
46.0300 Hoists, cranes, and monorails.....	3536	62.0300 Automatic temperature controls.....	3822
46.0400 Industrial trucks and tractors.....	3537	62.0400 Surgical and medical instruments.....	3841
		62.0500 Surgical appliances and supplies.....	3842
47 Metalworking machinery and equipment		62.0600 Dental equipment and supplies.....	3843
47.0100 Machine tools, metal cutting types.....	3541	62.0700 Watches, clocks, and parts.....	387
47.0200 Machine tools, metal forming types.....	3542		
47.0300 Special dies and tools and machine tool accessories.....	3544-5	63 Optical, ophthalmic, and photographic equipment and supplies	
47.0401 Power driven hand tools.....	3546	63.0100 Optical instruments and lenses.....	383
47.0402 Rolling mill machinery.....	3547	63.0200 Ophthalmic goods.....	385
47.0403 Metalworking machinery, n.e.c.....	3549	63.0300 Photographic equipment and supplies.....	386
48 Special industry machinery and equipment		64 Miscellaneous manufacturing	
48.0100 Food products machinery.....	3551	64.0101 Jewelry, precious metal.....	3911
48.0200 Textile machinery.....	3552	64.0102 Jeweler materials and lapidary work.....	3915
48.0300 Woodworking machinery.....	3553	64.0104 Silverware and plated ware.....	3914
48.0400 Paper industries machinery.....	3554	64.0105 Costume jewelry.....	3961
48.0500 Printing trades machinery.....	3555	64.0200 Musical instruments.....	393
48.0600 Special industry machinery, n.e.c.....	3559	64.0301 Games, toys, and children's vehicles.....	3944
		64.0302 Dolls.....	3942
49 General industrial machinery and equipment			
49.0100 Pumps and compressors.....	3561, 3563		
49.0200 Ball and roller bearings.....	3562		
49.0300 Blowers and fans.....	3564		
49.0400 Industrial patterns.....	3565		
49.0500 Power transmission equipment.....	3566, 3568		
49.0600 Industrial furnaces and ovens.....	3567		
49.0700 General industrial machinery, n.e.c.....	3569		

See footnote at end of Appendix I.

APPENDIX I.—Industry Classification of the 1972 Input-Output Tables¹—Continued

Industry number and title	Related Census-SIC codes (1972 edition)	Industry number and title	Related Census-SIC codes (1972 edition)
64.0400 Sporting and athletic goods, n.e.c.	3949	77.0400 Educational services	82
64.0501 Pens and mechanical pencils	3951	77.0500 Nonprofit organizations	84, 86, 8922
64.0502 Lead pencils and art goods	3952	77.0600 Job training and related services	8331
64.0503 Marking devices	3953	77.0700 Child day care services	8351
64.0504 Carbon paper and inked ribbons	3955	77.0800 Residential care	8361
64.0600 Artificial trees and flowers	3962	77.0900 Social services, n.e.c.	8321, 8399
64.0701 Buttons	3963		
64.0702 Needles, pins, and fasteners	3964	GOVERNMENT ENTERPRISES	
64.0800 Brooms and brushes	3991	78 Federal Government enterprises	
64.0900 Hard surface floor coverings	3996	78.0100 U.S. Postal Service	4311
64.1000 Burial caskets and vaults	3995	78.0200 Federal electric utilities	pt. 491
64.1100 Signs and advertising displays	3993	78.0300 Commodity Credit Corporation	pt. 613
64.1200 Manufacturing industries, n.e.c.	3999 (excl. 39996)	78.0400 Other Federal Government enterprises	several ³
TRANSPORTATION, COMMUNICATION, AND UTILITIES		79 State and local government enterprises	
65 Transportation and warehousing²		79.0100 Local government passenger transit	pt. 41
65.0100 Railroads and related services	40, 474, pt. 4789	79.0200 State and local electric utilities	pt. 491
65.0200 Local, suburban, and interurban highway passenger transportation	41	79.0300 Other State and local government enterprises	several ³
63.0300 Motor freight transportation and warehousing	42, pt. 4789		
65.0400 Water transportation	44	DUMMY AND SPECIAL INDUSTRIES	
65.0500 Air transportation	45	80 Noncomparable imports	
65.0600 Pipe lines, except natural gas	46	80.0000 Noncomparable imports	
65.0700 Transportation services	47 (excl. 474 and pt. 4789)	81 Scrap, used, and secondhand goods	
66 Communications, except radio and TV		81.0000 Scrap, used, and secondhand goods	
66.0000 Communications, except radio and TV	48 (excl. 483)	82 Government industry	
67 Radio and TV broadcasting		82.0000 Government industry	
67.0000 Radio and TV broadcasting	483	83 Rest of the world industry	
68 Electric, gas, water, and sanitary services²		83.0000 Rest of the world industry	
68.0100 Electric services (utilities)	491, pt. 493	84 Household industry	
68.0200 Gas production and distribution (utilities)	492, pt. 493	84.0000 Household industry	
68.0300 Water supply and sanitary services	494-7, pt. 493	85 Inventory valuation adjustment	
WHOLESALE AND RETAIL TRADE		85.0000 Inventory valuation adjustment	
69 Wholesale and retail trade		VALUE ADDED AND FINAL DEMAND	
69.0100 Wholesale trade	50, 51 (excl. manufacturers' sales offices)	V.A. Value added, total	
69.0200 Retail trade	52-7, 59, 7396, 8042	88 Employee compensation	
FINANCE, INSURANCE, AND REAL ESTATE		89 Indirect business taxes	
70 Finance and insurance²		90 Property-type income	
70.0100 Banking	60	91 Personal consumption expenditures	
70.0200 Credit agencies	61 (excl. pt. 613), 67	91.0000 Personal consumption expenditures	
70.0300 Security and commodity brokers	62	92 Gross private domestic fixed investment	
70.0400 Insurance carriers	63	92.0000 Gross private domestic fixed investment	
70.0500 Insurance agents and brokers	64	93 Change in business inventories	
71 Real estate and rental		93.0000 Change in business inventories	
71.0100 Owner-occupied dwellings	not applicable	94 Exports	
71.0200 Real estate	65-6, pt. 1531	94.0000 Exports	
SERVICES		95 Imports	
72 Hotels and lodging, personal and repair services (except auto)		95.0000 Imports	
72.0100 Hotels and lodging places	70 (excl. dining)	96 Federal Government purchases, national defense	
72.0200 Personal and repair services, except auto repair and beauty and barber shops	72 (excl. 723-4), 762-4, pt. 7699	96.0000 Federal Government purchases, national defense	
72.0300 Beauty and barber shops	723-4	97 Federal Government purchases, nondefense	
73 Business services		97.0000 Federal Government purchases, nondefense	
73.0100 Miscellaneous business services	732-9 (excl. 7396), 7692, 7694, pt. 7699	98 State and local government purchases, education	
73.0200 Advertising	731	98.0000 State and local government purchases, education	
73.0300 Miscellaneous professional services	81, 89 (excl. 8922)	99 State and local government purchases, other	
74 Eating and drinking places		99.1000 State and local government purchases, health, welfare, and sanitation	
74.0000 Eating and drinking places	58, pt. 70	99.2000 State and local government purchases, safety	
75 Automobile repair and services		99.3000 State and local government purchases, other general government	
75.0000 Automobile repair and services	75	OTHER SYMBOLS	
76 Amusements		Outputs	
76.0100 Motion pictures	78	T.I.U. Total intermediate use	
76.0200 Amusement and recreation services	79	T.F.D. Total final demand	
77 Health, educational, and social services and nonprofit organizations		T.C.O. Total commodity output	
77.0100 Doctors and dentists	801-3, 8041	Inputs	
77.0200 Hospitals	806	T.I.I. Total intermediate inputs	
77.0300 Other medical and health services	074, 8049, 805, 807-9	V.A. Value added	
		T.I.O. Total industry output	

1. The industry classification is usually identical with that for the commodity which is the primary product of the industry. However, for some industries the primary product, or a component thereof, is the same as the primary product of another industry. In such cases, commodity output is included with the industry most definitively associated with the commodity, usually the largest producer.

2. Excluding government enterprises.

3. In the 1972 SIC, government enterprise activities are generally classified with the similar private activity. In I-O, activities of enterprises are classified in groups 78 and 79 and the corresponding SIC's are shown except for 78.0400 and 79.0300, each of which includes a number of SIC's and several activities for which no comparable SIC exists.

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity. For the composition of inputs to an industry, read the column for that industry.	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining	New construction	Maintenance and repair construction	Ordnance and accessories	Food and kindred products	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Livestock and livestock products.....	11,316	870		188											26,010
2	Other agricultural products.....	10,088	1,129		52				(*)			156	5	1		8,666
3	Forestry and fishery products.....			9	11							(*)			777	
4	Agricultural, forestry, and fishery services.....	1,222	1,289	49	106							98	4	(*)		
5	Iron and ferroalloy ores mining.....					24		2								
6	Nonferrous metal ores mining.....					3	259		(*)							
7	Coal mining.....		1			4	(*)	656		2	1				7	35
8	Crude petroleum and natural gas.....								596							
9	Stone and clay mining and quarrying.....	1	88		1	6	1		1	60	13	1,030	377			8
10	Chemical and fertilizer mineral mining.....		46								25					6
11	New construction.....															
12	Maintenance and repair construction.....	224	304		55	33	17	45	735	19	9	23	14		33	230
13	Ordnance and accessories.....				(*)				(*)			10	1	289	(*)	
14	Food and kindred products.....	5,324	1	46	26	(*)	(*)	(*)	4	(*)	(*)	28	11	7	21,373	4
15	Tobacco manufactures.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	7	3	2	4	4
16	Broad and narrow fabrics, yarn and thread mills.....		10				1	11			1					13
17	Miscellaneous textile goods and floor coverings.....	13	54	52	43		(*)					709	55	1	13	26
18	Apparel.....								4	2	2	9	4	16	5	53
19	Miscellaneous fabricated textile products.....		19	23	13							4	22	5	53	
20	Lumber and wood products, except containers.....	6	3			3	11	38			1	8,896	824	9	20	
21	Wood containers.....	1	121		17									35	72	
22	Household furniture.....											90	10			
23	Other furniture and fixtures.....											291	33			
24	Paper and allied products, except containers.....	68	18	(*)	4		(*)	13	2	12	2	350	88	3	1,008	
25	Paperboard containers and boxes.....	1	5		116							5	(*)	24	2,410	
26	Printing and publishing.....	9	7	4	10	(*)	(*)	1	2	1	(*)	24	11	4	657	
27	Chemicals and selected chemical products.....	91	3,015	24	108	22	77	56	113	39	17	328	116	38	417	
28	Plastics and synthetic materials.....						(*)							7		
29	Drugs, cleaning and toilet preparations.....	75		(*)							(*)			3	365	
30	Paints and allied products.....			9								563	1,061	3	(*)	
31	Petroleum refining and related industries.....	182	877	49	72	13	25	78	66	4		1,995	1,137	20	281	
32	Rubber and miscellaneous plastics products.....	135	215	3	4	15	45	47	4	28	3	1,149	363	24	1,097	
33	Leather tanning and finishing.....													1	1	
34	Footwear and other leather products.....	16			3				1			3	1	1	1	
35	Glass and glass products.....	3		(*)	1	(*)	1	(*)	4	(*)	(*)	163	56	2	1,685	
36	Stone and clay products.....		10		10	2	16	26	4	2	(*)	9,313	1,174	8	59	
37	Primary iron and steel manufacturing.....	6	5		(*)	45	49	54	117	65	18	2,469	285	418	47	
38	Primary nonferrous metals manufacturing.....					5	3	15		11	1	2,516	128	243		
39	Metal containers.....			39											3,459	
40	Heating, plumbing, and structural metal products.....	5	4				(*)	(*)	17	5	2	10,885	1,045			
41	Screw machine products and stampings.....	13				2	8	67		5	6	56	24	67	234	
42	Other fabricated metal products.....	44	53	42	31	15	19	20	81	22	2	3,130	400	71	236	
43	Engines and turbines.....			18	18	5	7	9	46	34	6			4		
44	Farm and garden machinery.....	174	282		19											
45	Construction and mining machinery.....					22	48	258	118	107	19	275	84			
46	Materials handling machinery and equipment.....					3	6	15		26	3	473	230		(*)	9
47	Metalworking machinery and equipment.....					(*)	1	1	3	(*)		15	7	46		
48	Special industry machinery and equipment.....														65	
49	General industrial machinery and equipment.....	4	11	17	(*)	4	1	6	73	15	3	413	45	25	62	
50	Miscellaneous machinery, except electrical.....	7	7			9	4	4	74	2		(*)	8	30	36	
51	Office, computing, and accounting machines.....				(*)											
52	Service industry machines.....											1,320	722		31	
53	Electric industrial equipment and apparatus.....					3	3	3	121	5	2	890	143		10	
54	Household appliances.....								(*)			285	234		(*)	
55	Electric lighting and wiring equipment.....	2	1	3		1	1	12	6	3	(*)	1,777	636		(*)	2
56	Radio, TV, and communication equipment.....	(*)	(*)	(*)	(*)			(*)	3	(*)	(*)	105	61		125	2
57	Electronic components and accessories.....														126	
58	Misc. electrical machinery and supplies.....	11	30	(*)	9	(*)	2	(*)	1	1	(*)	54	18	(*)	13	3
59	Motor vehicles and equipment.....	20	16	(*)	16	24	2	1	2	18	2	37	17		13	1
60	Aircraft and parts.....			(*)	6				3						388	
61	Other transportation equipment.....			64	3	2	3				1	1	(*)			
62	Scientific and controlling instruments.....	(*)		8	(*)	1	1		9			417	125	30	8	
63	Optical, ophthalmic, and photographic equipment.....	(*)	(*)	(*)	2	(*)	(*)	(*)	1	(*)		14	2	1	5	
64	Miscellaneous manufacturing.....	4	3	7	6	3	4	4	5	3	4	174	138	4	10	
65	Transportation and warehousing.....	658	490	39	130	26	29	53	108	34	15	3,322	934	86	3,153	
66	Communications, except radio and TV.....	116	93	4	22	1	2	5	46	3	1	333	145	44	185	
67	Radio and TV broadcasting.....															
68	Electric, gas, water, and sanitary services.....	357	248	1	39	82	78	110	285	106	69	154	65	80	884	
69	Wholesale and retail trade.....	1,448	1,413	67	134	29	67	167	92	86	13	10,065	2,732	102	5,089	
70	Finance and insurance.....	568	499	25	52	6	34	36	113	42	14	748	293	33	550	
71	Real estate and rental.....	1,008	3,609	16	107	256	44	224	2,712	108	36	709	306	48	554	
72	Hotels; personal and repair services exc. auto.....	1	1	7	22	1	3	4	16	6	1	28	12	25	269	
73	Business services.....	185	495	48	261	39	44	144	394	103	29	7,669	606	280	3,349	
74	Eating and drinking places.....	17	14	4	28	2	3	7	101	3	2	517	225	147	188	
75	Automobile repair and services.....	119	106	21	65	2	6	20	26	29	5	437	160	16	319	
76	Amusements.....	1	(*)	(*)	1	(*)	(*)	(*)	2	(*)	(*)	12	5	3	13	
77	Medical, educ. services and nonprofit org.....	225	12	1	15	1	3	7	7	4	1	60	26	13	73	
78	Federal Government enterprises.....	6	5	1	6	2	2	3	10	2	3	36	16	20	100	
79	State and local government enterprises.....			(*)	1	4	2	2	7	3	1	7	3	(*)	15	
80	Noncomparable imports.....	2	2	1	2	(*)	(*)	1	6	(*)	(*)	41	18	12	1,387	
81	Scrap, used, and secondhand goods.....			3	(*)	11	41	28	1	13	4	18	8	9	65	
82	Government industry.....															
83	Rest of the world industry.....															
84	Household industry.....															
85	Inventory valuation adjustment.....															
I	Total intermediate inputs.....	33,776	15,480	704	1,833	721	976	2,254	6,094	1,114	345	74,613	15,278	3,055	85,691	
VA	Value added.....	9,563	19,600	1,267	1,733	511	1,294	3,189	11,725	1,733	429	54,968	21,139	4,060	32,610	
EC	Compensation of employees.....	1,854	2,556	395	1,249	247	612	2,148	2,126	926	215	42,158	17,997	3,600	17,145	
IBT	Indirect business taxes.....	794	701	59	108	60	89	77	1,100	52	23	1,082	136	68	5,760	
PTI	Property-type income.....	6,914	16,343	813	375	204	593	964	8,499	756	191	11,728	3,006	392	9,705	
T	Total.....	43,339	35,080	1,971	3,566	1,233	2,270	5,442	17,819	2,847	775	129,581	36,417	7,115	118,301	

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity. For the composition of inputs to an industry, read the column for that industry.	Footwear and other leather products	Glass and glass products	Stone and clay products	Primary iron and steel manufacturing	Primary nonferrous metals manu- facturing	Metal containers	Heating, plumbing, and structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm and garden machinery	Construction and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	
		Industry number	34	35	36	37	38	39	40	41	42	43	44	45	46	47
1	Livestock and livestock products.....				1											
2	Other agricultural products.....		(*)													
3	Forestry and fishery products.....			1												
4	Agricultural, forestry, and fishery services.....	(*)	5	4												
5	Iron and ferroalloy ores mining.....			17	1,732	10	2	10	4	4	1	1	1			(*)
6	Nonferrous metal ores mining.....			29	27	9		17								
7	Coal mining.....	(*)	2	93	763	11	(*)	11	3	2	1	1	2	(*)	1	
8	Crude petroleum and natural gas.....															
9	Stone and clay mining and quarrying.....		48	937	102	3		1		4						
10	Chemical and fertilizer mineral mining.....		2	27	32	(*)										
11	New construction.....															
12	Maintenance and repair construction.....	6	43	115	466	87	10	34	42	53	10	11	39	6	24	
13	Ordinance and accessories.....			(*)	(*)			(*)				(*)	(*)			
14	Food and kindred products.....	10	1	10	6	4	(*)	5	2	4	2	8	2	1	1	4
15	Tobacco manufactures.....	1	(*)	2	2	1	(*)	2	(*)	1	(*)	(*)	1	(*)	1	1
16	Broad and narrow fabrics, yarn and thread mills.....	157		52	22	10										
17	Miscellaneous textile goods and floor coverings.....	207		7	10											
18	Apparel.....	15	4	2	14	4	1	7	7	8	2	2	3	(*)	5	
19	Miscellaneous fabricated textile products.....	9	3	(*)	4	7	3	5	21	4	(*)	(*)	(*)	(*)		
20	Lumber and wood products, except containers.....	40	64	120	150	99	7	46	27	121		14	19	5	7	
21	Wood containers.....		13	3	13	21		5	19	5		5	4	2	4	
22	Household furniture.....															
23	Other furniture and fixtures.....				16									2		
24	Paper and allied products, except containers.....	38	19	249	19	22	9	32	41	6	3	2	2	1	3	
25	Paperboard containers and boxes.....	62	256	70	36	43	36	87	65	142	14	16		1	5	
26	Printing and publishing.....	3	10	6	34	9	224	6	4	7	2	3	4	2	5	
27	Chemicals and selected chemical products.....	38	140	389	682	339	12	27	58	213	(*)	1	5	1	16	
28	Plastics and synthetic materials.....	2		66		179	6		11	18						
29	Drugs, cleaning and toilet preparations.....	8		8	1	(*)	5	14	9	10						
30	Paints and allied products.....	3	13	30	17	33	92	139	21	110	2	14	14	2	6	
31	Petroleum refining and related industries.....	10	20	147	173	112	8	49	34	49	16	14	23	10	50	
32	Rubber and miscellaneous plastics products.....	308	232	87	40	174	5	75	84	364	19	184	141	58	24	
33	Leather tanning and finishing.....	785														
34	Footwear and other leather products.....	109		(*)	2	(*)	(*)					(*)	(*)	(*)	(*)	
35	Glass and glass products.....		461	10	4	10	(*)	122	10	19	(*)	(*)	(*)	(*)	(*)	
36	Stone and clay products.....	1	82	1,683	252	62	6	46	32	73	40	13	59	5	58	
37	Primary iron and steel manufacturing.....	3	13	93	7,079	185	1,663	3,594	2,890	1,893	713	723	1,136	389	653	
38	Primary nonferrous metals manufacturing.....	18	9	34	769	9,677	427	1,146	512	912	262	47	48	73	169	
39	Metal containers.....			2	18		7		19							
40	Heating, plumbing, and structural metal products.....			1	40			219		3	116		41	16	35	
41	Screw machine products and stampings.....	28	15	5	242	45	3	338	340	253	118	139	92	28	46	
42	Other fabricated metal products.....	54	3	175	425	176	55	548	164	544	65	65	82	44	45	
43	Engines and turbines.....			4	4			1		24	612	341	251	43		
44	Farm and garden machinery.....								3	3	4	242				
45	Construction and mining machinery.....			29									482			
46	Materials handling machinery and equipment.....	5		3	30	13			3					107		
47	Metalworking machinery and equipment.....		13	3	266	203	27	98	155	111	56	43	98	23	409	
48	Special industry machinery and equipment.....	17	33	3	31				1	4						
49	General industrial machinery and equipment.....	(*)	4	14	641	156	7	91	9	30	105	319	414	156	158	
50	Miscellaneous machinery, except electrical.....	5	18	25	181	71	13	107	188	121	189	77	136	67	172	
51	Office, computing, and accounting machines.....				43											
52	Service industry machines.....			4				33		3						
53	Electric industrial equipment and apparatus.....		5	13	295	79		141	15	56	44	43	91	101	178	
54	Household appliances.....	4	2	(*)					1							
55	Electric lighting and wiring equipment.....		3	24	99	18	(*)	6	7	1	(*)	8	(*)	(*)	7	
56	Radio, TV, and communication equipment.....	(*)	(*)	1	1	1	(*)	1	(*)	1	(*)	(*)	(*)	(*)	1	
57	Electronic components and accessories.....									3						
58	Misc. electrical machinery and supplies.....			(*)	4			4	3	(*)	66	43	9	7	(*)	
59	Motor vehicles and equipment.....	(*)	(*)	5	1	(*)	(*)	9	28	1	25	106	104		(*)	
60	Aircraft and parts.....			(*)	1	(*)			4				1			
61	Other transportation equipment.....				25			2								
62	Scientific and controlling instruments.....		12	6	58	5	1	52	5	9	2	2	3	1	12	
63	Optical, ophthalmic, and photographic equipment.....	1	1	4	8	2	(*)	7	2	2	1	1	1	1	1	
64	Miscellaneous manufacturing.....	65	8	35	26	10	(*)	13	2	14	1	7	6	2	5	
65	Transportation and warehousing.....	78	234	1,425	2,075	595	240	439	223	348	73	82	96	54	58	
66	Communications, except radio and TV.....	16	17	54	80	46	8	63	29	50	13	18	41	11	36	
67	Radio and TV broadcasting.....															
68	Electric, gas, water, and sanitary services.....	22	223	500	1,223	618	47	135	120	186	35	36	59	18	68	
69	Wholesale and retail trade.....	170	183	385	1,391	952	156	562	322	416	143	242	316	93	181	
70	Finance and insurance.....	30	40	135	216	154	32	93	79	125	27	41	58	15	43	
71	Real estate and rental.....	59	79	202	70	125	51	252	99	170	19	14	49	40	61	
72	Hotels; personal and repair services exc. auto.....	9	10	34	96	34	18	66	23	45	8	13	12	4	11	
73	Business services.....	142	154	371	683	433	157	330	202	356	81	147	193	70	152	
74	Eating and drinking places.....	20	26	72	99	50	15	101	31	64	19	24	36	21	62	
75	Automobile repair and services.....	6	26	77	39	33	7	42	12	33	21	7	18	16	9	
76	Amusements.....	1	2	4	1	(*)		2	1	1	(*)	1	4	1	3	
77	Medical, educ. services and nonprofit org.....	8	10	20	44	24	6	27	26	25	5	5	8	4	11	
78	Federal Government enterprises.....	20	7	17	31	14	1	17	9	17	5	8	9	4	13	
79	State and local government enterprises.....	(*)	1	3	42	6	(*)	1	1	1	1	(*)	(*)		(*)	
80	Noncomparable imports.....	2	2	8	8	25	1	7	2	5	2	4	3	2	21	
81	Scrap, used, and secondhand goods.....	1	31	16	762	1,141	1	33	20	34	19	16	17	5	23	
82	Government industry.....															
83	Rest of the world industry.....															
84	Household industry.....															
85	Inventory valuation adjustment.....															
I	Total intermediate inputs.....	2,597	2,602	7,960	21,760	18,034	3,370	9,319	6,041	7,100	2,962	3,153	4,231	1,508	2,854	
VA	Value added.....	1,932	2,982	7,307	14,924	5,953	1,501	6,028	5,220	7,090	2,451	2,420	3,667	1,305	4,301	
EC	Compensation of employees.....	1,660	2,064	4,856	11,546	4,412	1,066	4,587	4,063	4,927	1,734	1,595	2,615	991	3,476	
IBT	Indirect business taxes.....	6	55	179	604	163	99	19	63	57	14	16	27	9	34	
PTI	Property-type income.....	267	863	2,271	2,774	1,378	335	1,422	1,093	2,106	703	810	1,026	305	791	
T	Total industry output.....	4,529	5,583	15,266	36,684	23,986	4,870	15,347	11,260	14,191	5,413	5,574	7,898	2,813	7,155	

* Less than \$500,000.

by Industries, 1972—Continued

at producers' prices]

Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Office, computing, and accounting machines	Service industry machines	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Misc. electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment	Scientific and controlling instruments	Optical, ophthalmic, and photographic equipment	Miscellaneous manufacturing	Transportation and warehousing	Communications, except radio and TV	Commodity number	
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66		
(*)	(*)	(*)	1	(*)	1	(*)	(*)	1	(*)	(*)	1	(*)	1	1	(*)	20	4	1	1	
(*)	1	1	(*)	1	1		1	2	2	(*)	2	2	1	1	1	1	2	88	2	
(*)	1	3	1	2	3	1	1	1	(*)	2	28	2	1	(*)	6	1	1		6	
				3						1			(*)	1		13	32		8	
																			9	
																			10	
16	23	9	13	11	28	15	10	39	23	11	108	58	19	15	35	36	2,262	944	11	
3	4	1	8	2	5	2	3	11	5	2	6	22	4	22	2	28	169	6	12	
1	1	(*)	2	1	2	2	1	3	1	1	2	5	1	1	1	2	4	2	13	
	41	10			2	27	14			2	25	17	4	62	183	4	4		14	
2	(*)	(*)	(*)	(*)	6	2	3	9	(*)	2	197	5	187	46	3	61	35	14	15	
	4	7	2	3	6	2	4	(*)	(*)	5	18	8	20	7	2	10	48	14	16	
30	24	3	2	17	26	23	14	16	(*)	8	1,090	(*)	31	(*)	2	27	49		17	
2	6	1		12	9	10		15		18	116	4	763	30	2	397	7		18	
								315	8							9			19	
						3					192	7	(*)						20	
2	17	2	19	10	40	7	2	34	21	2	60	22	40						21	
6	26	34	27	61	46	114	96	50	40	28	87	12	18	49	135	166	73	24	22	
3	4	3	20	3	8	6	3	90	5	7	21	41	2	47	44	278	34		23	
107	1	13	10	31	57	41	49	15	120	88	115	12	10	7	259	75	76	1	24	
	3		4	11	40	52	52	63	45	41	57	37	39	50	15	296			25	
4	1	1	9	20	31	59	16	10	(*)	1	2	2	2	7	5	6	16		26	
39	62	54	12	41	49	10	11	24	21	8	106	26	43	30	(*)	73	2,610	13	27	
70	68	24	138	140	118	280	141	135	205	137	1,843	34	189	156	127	528	471	8	28	
1	(*)	(*)	1	(*)	1			1	(*)		1	3	(*)		(*)	21	2		29	
9	(*)	(*)	1	7	6	29	167	43	197	1	720	1	65	40	31	35	8	1	30	
15	41	29	5	31	101	54	20	13	50	16	245	12	76	136	2	74	18		31	
529	1,058	409	100	611	686	563	313	160	102	122	4,841	417	1,086	136	114	373	215	(*)	32	
177	248	195	155	482	760	307	338	429	338	520	945	577	399	280	192	687	27	19	33	
83	52		38	40	48			13			9		479	17	1				34	
36	96	63	130	195	167	185	165	285	178	33	4,892	140	94	161	41	108	29	(*)	35	
100	86	86	102	222	97	204	82	209	172	92	1,868	210	249	186	40	173	165		36	
56	45	8	30	31	31	2					519	10	330		1	105			37	
											4		8						38	
3											7		33						39	
80	109	94	29	29	72	34	35	69	33	36	208	160	40	33		2	3		40	
217						2		5					10				19		41	
247	529	44	22	50	48	48	1	6	2	53	248	104	250	9	18	13	152		42	
100	130	276	27	32	61	22	15	50	30	9	635	343	47	10	23	34	34		43	
2			1,212	18				18	3		2	55	1	3		1	4		44	
3				570		92		2			332		314		4	6			45	
159	274	29	187	880	781	321	135	116	27	24	67	25	135	145	18	52	66	(*)	46	
(*)	(*)	(*)	38	37	108	79	185	3			9	1	225		1	1	6		47	
1	1	(*)	10	(*)	1	90	211	188	11	44	304	1	55	37	10	17	18	15	48	
11	15	(*)	765	3	219	1	1	1,407	1	(*)	312	760	74	1	1	11	17	608	49	
	(*)		19	(*)	1	21	19	3,144	1,317	50	62	436	5	144	153	50	43	43	50	
3	(*)	9	(*)	(*)	(*)		(*)	15	7	235	1,161	60	15	25	1	5	95	4	51	
			(*)	(*)	(*)		(*)	(*)	(*)	(*)	14,578	(*)	319	(*)	(*)	1	321	1	59	
											2	2,863				477			60	
											24		578			6	640	11	61	
3	16	3	15	117	18	220	2	21	13	2	112	138	48	368	10	13	33	(*)	62	
1	2	1	1	1	2	1	1	5	2	1	12	63	3	14	295	3	9	7	63	
1	2	5	21	30	14	31	1	8	3	1	18	9	31	39	36	652	39	15	64	
102	110	88	140	131	195	108	98	212	137	83	1,149	273	251	142	92	331	8,810	96	65	
39	41	22	49	36	68	16	25	109	47	17	80	86	33	48	30	70	877	420	66	
																			67	
44	76	49	42	57	102	52	47	99	86	39	314	124	66	50	33	95	580	207	68	
173	307	95	267	346	280	265	187	463	217	117	3,370	313	637	219	187	542	1,826	65	69	
41	53	30	83	45	61	30	28	118	80	50	230	94	76	51	79	165	1,745	295	70	
139	84	87	356	78	151	98	73	271	111	80	103	105	76	85	52	224	1,222	631	71	
12	11	13	54	24	178	17	26	243	88	34	96	170	22	46	33	71	111	143	72	
108	174	83	228	215	293	254	132	687	266	161	1,120	594	227	308	273	648	2,677	964	73	
47	62	29	146	38	95	27	34	239	93	23	128	488	64	65	42	87	514	138	74	
10	19	9	18	30	18	3	21	49	27	29	533	30	12	27	13	29	1,579	102	75	
1	3	1	6	1	2	2	1	10	2	1	6	10	2	4	2	2	2	9	76	
8	11	7	14	8	18	9	12	38	22	8	39	33	15	18	36	59	108	38	77	
10	14	5	11	7	13	13	5	41	13	3	62	39	10	16	7	30	103	136	78	
(*)	(*)	(*)	(*)	(*)	(*)		(*)	1	1		2	1	(*)	1	1	7	106	16	79	
17	5	2	11	3	47	3	3	18	70	2	10	37	5	7	3	282	1,010	388	80	
																			81	
																				82
																				83
																				84
																				85
2,895	3,996	1,961	4,562	4,876	5,251	3,869	2,755	9,648	4,271	2,243	43,781	9,186	8,088	3,325	2,514	7,284	29,904	5,582	I	
2,972	4,153	2,489	3,495	3,642	5,169	2,802	2,776	8,323	4,148	2,049	21,437	7,850	4,700	3,667	4,018	4,708	44,875	25,983	VA	
2,243	3,251	1,931	2,																	

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity. For the composition of inputs to an industry, read the column for that industry.	Radio and TV broad-	Electric, gas, water,	Wholesale and retail	Finance and insurance	Real estate and rental	Hotels; personal and re-	Business services	Eating and drinking	Automobile repair and	Amusements	Medical, educ. services	Federal Government	State and local govern-
		casting	and sanitary services	trade			pair services exc. auto		places	services		and nonprofit org.	enterprises	ment enterprises
	Industry number	67	68	69	70	71	72	73	74	75	76	77	78	79
1	Livestock and livestock products.....								249		43	80		
2	Other agricultural products.....	(*)	5	15	6	122	17	5	569	(*)	348	46	178	4
3	Forestry and fishery products.....				(*)	(*)		(*)	313		(*)	5		
4	Agricultural, forestry, and fishery services.....	(*)	83	105	2	608	19	3			78	77		14
5	Iron and ferroalloy ores mining.....													
6	Nonferrous metal ores mining.....													
7	Coal mining.....		2,308			2	8					21	171	138
8	Crude petroleum and natural gas.....		3,686											
9	Stone and clay mining and quarrying.....													
10	Chemical and fertilizer mineral mining.....												2	2
11	New construction.....													
12	Maintenance and repair construction.....	16	1,791	863	298	10,786	371	329	177	144	190	1,420	115	2,557
13	Ordinance and accessories.....	(*)	(*)	2	1	(*)	(*)	21		(*)	(*)	1		(*)
14	Food and kindred products.....	1	6	123	61	14	53	37	15,403	3	32	1,240	51	3
15	Tobacco manufactures.....	(*)	1	18	14	3	2	8		1	3	10	1	1
16	Broad and narrow fabrics, yarn and thread mills.....						85					9	2	2
17	Miscellaneous textile goods and floor coverings.....			16			15	9			8	2	2	2
18	Apparel.....		10	39	(*)	2	426	32		54	3	210	(*)	36
19	Miscellaneous fabricated textile products.....			89	45		205	6	25		11	197	23	3
20	Lumber and wood products, except containers.....			35	(*)	(*)	32	26			(*)	14		
21	Wood containers.....													
22	Household furniture.....													
23	Other furniture and fixtures.....													
24	Paper and allied products, except containers.....	2	26	1,145	325	30	174	195	170	33	9	173	18	17
25	Paperboard containers and boxes.....			366			72	40	306			64	3	(*)
26	Printing and publishing.....	4	69	401	1,251	56	96	597	48	4	53	883	56	52
27	Chemicals and selected chemical products.....	(*)	118	14	5	62	123	207	18	2	20	354	8	229
28	Plastics and synthetic materials.....													
29	Drugs, cleaning and toilet preparations.....			101	4	5	362	134	122		3	1,357	38	32
30	Paints and allied products.....						11	19		104		11	(*)	1
31	Petroleum refining and related industries.....	4	1,370	1,543	157	447	325	395	10	181	28	420	51	249
32	Rubber and miscellaneous plastics products.....	2	49	470	40	232	307	329	154	358	10	518	25	12
33	Leather tanning and finishing.....												(*)	2
34	Footwear and other leather products.....	(*)	1	15	8	2	129	11		1	35	8	2	(*)
35	Glass and glass products.....	(*)	1	64	3	1	16	42	52	119	1	95	2	4
36	Stone and clay products.....		4	8	1	(*)	78	35	40	172	(*)	14	1	5
37	Primary iron and steel manufacturing.....		5	5	1	(*)	6	18				9	1	6
38	Primary nonferrous metals manufacturing.....		10				7		12				2	
39	Metal containers.....							9						
40	Heating, plumbing, and structural metal products.....					13							(*)	1
41	Screw machine products and stampings.....						53	124	50	321		35	10	5
42	Other fabricated metal products.....		6	61	1	(*)	169	191	5	206	1	53	2	13
43	Engines and turbines.....		95				47	88		45			2	24
44	Farm and garden machinery.....			8		24		172					(*)	4
45	Construction and mining machinery.....												(*)	15
46	Materials handling machinery and equipment.....			8									1	2
47	Metalworking machinery and equipment.....			23			2	16		2			(*)	2
48	Special industry machinery and equipment.....			1				13	17					
49	General industrial machinery and equipment.....		26	2	1	3	9	57		9	2	3	1	3
50	Miscellaneous machinery, except electrical.....			51		1	45	125	4	159			2	2
51	Office, computing, and accounting machines.....	(*)	7	14	31	1	99	117				10	2	(*)
52	Service industry machines.....			86			79	26		851	8	13	2	2
53	Electric industrial equipment and apparatus.....		25				47	200		11			(*)	25
54	Household appliances.....		(*)	8	2	(*)	161	13		(*)	(*)	1	4	
55	Electric lighting and wiring equipment.....	1	76	22	7	8	9	2	5	102	3	50	2	14
56	Radio, TV, and communication equipment.....	10	6	11	3	2	6			137	2	11	1	1
57	Electronic components and accessories.....	37	2	6	14		325	197				24	(*)	2
58	Misc. electrical machinery and supplies.....	(*)	2	40	6	9	8	12		63	1	4	2	16
59	Motor vehicles and equipment.....	(*)	8	70	8	4	14	15		5,730	1	2	12	42
60	Aircraft and parts.....													
61	Other transportation equipment.....	2	4	12	12	6	36	91		11	9	20	5	30
62	Scientific and controlling instruments.....	(*)	6	4	2	(*)	72	6		(*)	(*)	647	1	5
63	Optical, ophthalmic, and photographic equipment.....	9	12	43	37	10	234	435		1	101	374	7	3
64	Miscellaneous manufacturing.....	1	16	97	75	21	547	259	55	4	33	263	7	6
65	Transportation and warehousing.....	45	472	2,757	342	266	248	1,426	760	300	88	820	1,117	207
66	Communications, except radio and TV.....	123	215	3,059	1,799	293	443	1,363	149	151	83	774	33	91
67	Radio and TV broadcasting.....	4												
68	Electric, gas, water, and sanitary services.....	59	11,382	3,280	670	902	645	382	772	150	147	1,728	241	1,463
69	Wholesale and retail trade.....	13	425	3,011	392	510	750	769	2,988	1,461	186	1,168	39	145
70	Finance and insurance.....	59	519	2,971	15,562	3,344	510	840	515	286	197	1,041	143	122
71	Real estate and rental.....	289	519	8,943	2,473	11,707	2,133	3,155	2,038	904	894	4,913	261	190
72	Hotels; personal and repair services exc. auto.....	44	250	926	301	198	979	770	540	35	115	845	52	19
73	Business services.....	303	774	12,182	6,033	2,505	1,640	5,337	1,324	550	745	3,538	324	415
74	Eating and drinking places.....	21	128	2,436	1,378	313	156	865		69	274	1,191	38	77
75	Automobile repair and services.....	7	138	2,866	320	334	412	873	22	67	55	284	63	28
76	Amusements.....	1,058	7	42	35	7	4	170	422	1	1,979	160	10	1
77	Medical, educ. services and nonprofit org.....	10	24	475	552	36	62	195	166	15	37	1,354	4	12
78	Federal Government enterprises.....	5	166	1,007	1,460	525	75	592	62	11	25	679	24	18
79	State and local government enterprises.....	6	11	160	26	59	37	22	33	16	6	48	6	2
80	Noncomparable imports.....	3	9	164	142	24	14	61	9	5	214	77	376	5
81	Scrap, used, and secondhand goods.....		(*)	7			(*)	(*)		62				(*)
82	Government industry.....													
83	Rest of the world industry.....													
84	Household industry.....													
85	Inventory valuation adjustment.....													
I	Total intermediate inputs.....	2,140	24,867	50,281	33,916	33,497	13,033	21,489	27,602	12,911	6,071	27,375	3,548	6,373
VA	Value added.....	2,374	25,281	166,103	43,970	141,084	17,471	47,221	20,948	11,429	6,674	57,524	8,244	6,417
EC	Compensation of employees.....	1,596	7,011	91,993	31,076	8,461	10,842	28,972	15,633	6,320	4,449	43,714	9,278	2,982
IBT	Indirect business taxes.....	108	4,557	36,716	3,455	30,633	1,178	607	3,341	612	1,080	365	51	
PTI	Property-type income.....	669	13,713	37,424	9,439	101,991	5,451	17,641	1,974	4,497	1,145	13,446	-1,085	3,435
T	Total industry output.....	4,513	50,148	216,384	77,886	174,581	30,504	68,710	48,550	24,340	12,745	84,900	11,793	12,790

* Less than \$500,000.

by Industries, 1972—Continued

at producers' prices]

Government industry	Rest of the world industry	Household industry	Inventory valuation adjustment	Total intermediate use	Personal consumption expenditures	Gross private fixed capital formation	Change in business inventories	Exports	Imports	Federal Government purchases			State and local government purchases			Total final demand	Total commodity output	Commodity number
										Total	National defense	Nondefense	Total	Education	Other			
82	83	84	85	91	92	93	94	95	96	97	98	99	98	99				
				38,882	1,454		439	111	-259	4	(*)	4	71	42	30	1,822	40,704	1
				24,190	4,580		2,053	4,763	-690	-982	(*)	-982	189	102	87	9,973	34,163	2
				2,951	848		18	105	-1,152	-533	-1	-532	7	3	4	-706	2,245	3
				3,951	125			19	-2	14	-10	3	49	28	20	205	4,156	4
				1,829			8	102	-619	-25	-25					-534	1,295	5
				2,371		199	27	32	-414	-7	1					-163	2,208	6
				4,668	125		81	496	-1	48	36		22	10	12	771	5,439	7
				19,364		53	75	1	-2,763	-2	(*)	-49				-2,634	16,730	8
				3,023	5		23	90	-179	-2	-2				-49	2,911	9	
				466	3		79	19	-96	-2		49			49	26	492	10
				26,995		99,087	6	6		4,392	1,554	2,838	26,092	5,772	20,320	129,581	129,581	11
				334	457	80	65	325	-81	2,079	981	1,098	7,337	2,218	5,119	9,422	36,417	12
				45,556	73,276		1,247	2,862	-4,857	5,742	4,404	1,337	16		16	6,604	6,938	13
				2,161	6,087		217	839	-71	310	5	305	2,229	1,485	744	75,066	120,622	14
				16,672	639		279	432	-895	26	24	1	58	14	44	538	17,210	15
				4,198	1,513	606	194	156	-586	16	4	13	3	(*)	2	1,901	6,099	16
				9,025	22,563		742	260	-2,638	131	82	49	82	4	78	21,140	30,165	17
				2,658	2,775		166	103	-134	145	125	20	49	9	40	3,104	5,762	18
				21,793	384	5	631	850	-2,073	30	17	13	27	25	2	-146	21,647	19
				443			3	3	-4	13	9	5				15	458	21
				585	5,706	680	356	33	-216	65	15	49	40	27	14	6,664	7,249	22
				641	257	2,388	78	28	-128	121	40	81	423	285	138	3,166	3,808	23
				17,035	2,389		180	957	-1,785	138	30	108	511	242	269	2,390	19,425	24
				7,704	106		61	33	-6	19	10	9	39	20	19	250	7,954	25
				8,346	5,730		263	371	-236	388	165	223	1,833	1,213	620	8,349	16,695	26
				22,598	548	164	215	2,298	-1,363	1,037	795	242	371	126	245	3,271	25,869	27
				8,918	73		73	764	-324	36	35	(*)	1	1	(*)	549	9,468	28
				4,006	11,244		380	705	-315	202	106	96	1,060	147	914	13,278	17,284	29
				3,208	123		116	69	-2	3	1	2	46	42	4	355	3,563	30
				17,780	13,503		42	712	-2,873	780	682	98	741	323	418	12,905	30,664	31
				16,206	4,363	44	537	585	-1,158	252	187	65	209	46	163	4,831	21,037	32
				1,090			45	71	-157	1	(*)	1				-40	1,050	33
				415	4,923		206	36	-1,064	9	6	3	9		9	4,119	4,534	34
				4,898	563		156	206	-336	33	16	17	122	43	78	744	5,642	35
				14,793	621		311	254	-636	13	10	3	18	7	11	581	15,374	36
				37,404	5	2	489	799	-3,497	171	168	4	7	2	5	-2,024	35,380	37
				24,679	28	64	272	815	-2,591	86	-17	103	(*)	(*)	(*)	-1,326	23,353	38
				4,700		13	32	26	-16	8	8		10	10	(*)	73	4,773	39
				13,267	128	1,197	528	391	-148	193	142	51				2,289	15,555	40
				10,212	461		203	555	-234	78	44	34	30	52	-22	1,093	11,305	41
				13,621	1,148	713	440	611	-878	189	130	59	74	60	14	2,298	15,919	42
				2,858	138	1,606	173	710	-248	327	191	136	86	86	26	2,791	5,649	43
				948	66	4,202	194	470	-456	14	9	5	44	13	31	4,533	5,481	44
				1,494		3,774	342	1,968	-177	131	112	19	116	116	116	6,153	7,647	45
				1,018		1,641	51	198	-128	59	37	22	1	1		1,821	2,839	46
				2,846	168	3,878	126	582	-297	118	66	52	39	20	20	4,614	7,459	47
				1,135	45	4,261	121	1,139	-875	65	44	21	16	15	1	4,772	5,907	48
				5,177		2,170	138	876	-534	207	152	55	28	28	28	2,885	8,062	49
				4,053	18	39	59	79	-7	59	46	13	177	141	36	422	4,475	50
				1,642	211	4,323	30	1,660	-734	700	269	431	277	172	105	6,467	8,108	51
				4,530	486	2,078	298	528	-77	54	45	9	179	136	42	3,546	8,076	52
				5,952	53	3,310	828	828	-541	527	405	122	160	26	134	4,550	10,502	53
				1,010	4,573	1,005	380	216	-505	10	7	3	38	19	19	5,717	6,727	54
				4,144	926	82	179	237	-172	41	24	18	42	35	7	1,335	5,480	55
				3,715	4,912	4,412	416	893	-2,517	5,533	4,633	901	194	128	66	13,842	17,557	56
				7,219	319	14	-1	1,008	-572	625	456	169	21	6	16	1,414	8,633	57
				2,230	1,156	414	121	301	-321	124	91	33	41	6	36	1,837	4,067	58
				21,674	28,380	16,664	851	4,123	-8,459	642	455	188	1,135	217	918	43,336	65,009	59
				3,748	106	1,981	203	3,045	-562	8,046	7,422	624	4		4	12,822	16,569	60
				1,601	3,914	5,946	507	449	-1,454	1,611	1,410	201	157	16	141	11,129	12,730	61
				2,800	832	2,120	144	796	-474	620	431	190	244	36	208	4,282	7,082	62
				2,025	1,557	2,075	68	648	-608	381	235	146	351	137	214	4,472	6,497	63
				3,597	6,993	766	515	687	-1,782	81	45	37	482	128	7,742	11,339	64	
				45,603	20,638	1,213	529	5,214	-1,153	2,762	2,314	448	1,812	940	872	31,015	76,618	65
				13,208	12,879	2,167		389		851	604	247	1,170	301	869	17,457	30,665	66
				4												4		67
				33,977	21,577		159	159	-414	641	509	131	2,445	1,420	1,024	24,406	58,383	68
				56,908	140,321	10,204	1,000	4,098	2,993	1,130	768	362	1,582	569	1,013	161,327	218,236	69
				35,330	39,035		255	255	-165	713	8	705	2,301	206	2,095	42,139	77,469	70
				57,837	108,665	4,432		2,035		431	148	282	1,520	309	1,210	117,082	174,919	71
				8,410	20,371	132		4		700	513	188	613	-96	709	21,881	30,291	72
				72,344	7,374			840	-11	3,385	2,328	1,058	4,248	1,485	2,762	15,836	88,180	73
				12,643	37,496					358	270	88	-1,776	-2,028	252	36,078	48,721	74
				1														

Table 2.—The Make of Commodities

(Millions of dollars)

Industry number	For the distribution of industries producing a commodity, read the column for that commodity. For the distribution of commodities produced by an industry, read the row for that industry.	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining	New construction	Maintenance and repair construction	Ordinance and accessories	Food and kindred products	Tobacco manufactures
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Livestock and livestock products.....	40,700		58	264										2,280	
2	Other agricultural products.....		34,153	217	336										116	
3	Forestry and fishery products.....			1,971												
4	Agricultural, forestry, and fishery services.....		10		3,556											
5	Iron and ferroalloy ores mining.....					1,227	5									
6	Nonferrous metal ores mining.....					68	2,201									
7	Coal mining.....							5,438								
8	Crude petroleum and natural gas.....								16,685							
9	Stone and clay mining and quarrying.....									2,739						
10	Chemical and fertilizer mineral mining.....										1					
11	New construction.....											129,581				
12	Maintenance and repair construction.....												36,417			
13	Ordinance and accessories.....													6,431		
14	Food and kindred products.....														118,060	
15	Tobacco manufactures.....	5														9,227
16	Broad and narrow fabrics, yarn and thread mills.....															
17	Miscellaneous textile goods and floor coverings.....															
18	Apparel.....															
19	Miscellaneous fabricated textile products.....															
20	Lumber and wood products, except containers.....															
21	Wood containers.....															
22	Household furniture.....															
23	Other furniture and fixtures.....													2		5
24	Paper and allied products, except containers.....															
25	Paperboard containers and boxes.....															
26	Printing and publishing.....															
27	Chemicals and selected chemical products.....								12		(*)			3	60	
28	Plastics and synthetic materials.....														3	
29	Drugs, cleaning and toilet preparations.....														95	
30	Paints and allied products.....															
31	Petroleum refining and related industries.....									27					3	
32	Rubber and miscellaneous plastics products.....													4	5	
33	Leather tanning and finishing.....														(*)	
34	Footwear and other leather products.....															
35	Glass and glass products.....															
36	Stone and clay products.....									139				19		
37	Primary iron and steel manufacturing.....													6		
38	Primary nonferrous metals manufacturing.....													3		
39	Metal containers.....															
40	Heating, plumbing, and structural metal products.....													5		
41	Screw machine products and stampings.....													6		
42	Other fabricated metal products.....													10		
43	Engines and turbines.....															
44	Farm and garden machinery.....															
45	Construction and mining machinery.....													19		
46	Materials handling machinery and equipment.....													8		
47	Metalworking machinery and equipment.....													18		
48	Special industry machinery and equipment.....															
49	General industrial machinery and equipment.....															
50	Miscellaneous machinery, except electrical.....													2		
51	Office, computing, and accounting machines.....															
52	Service industry machines.....													10		
53	Electric industrial equipment and apparatus.....													21		
54	Household appliances.....															
55	Electric lighting and wiring equipment.....															
56	Radio, TV, and communication equipment.....													76		
57	Electronic components and accessories.....													5		
58	Misc. electrical machinery and supplies.....															
59	Motor vehicles and equipment.....													21		
60	Aircraft and parts.....													236		
61	Other transportation equipment.....															
62	Scientific and controlling instruments.....														31	
63	Optical, ophthalmic, and photographic equipment.....													(*)		
64	Miscellaneous manufacturing.....														3	
65	Transportation and warehousing.....															
66	Communications, except radio and TV.....															
67	Radio and TV broadcasting.....															
68	Electric, gas, water, and sanitary services.....								33							
69	Wholesale and retail trade.....															
70	Finance and insurance.....															
71	Real estate and rental.....															
72	Hotels; personal and repair services exc. auto.....															
73	Business services.....															
74	Eating and drinking places.....															
75	Automobile repair and services.....															
76	Amusements.....															
77	Medical, educ. services and nonprofit org.....															
78	Federal Government enterprises.....															
79	State and local government enterprises.....															
82	Government industry.....															
83	Rest of the world industry.....															
84	Household industry.....															
85	Inventory valuation adjustment.....															
T	Total commodity output.....	40,704	34,163	2,245	4,156	1,295	2,208	5,439	16,730	2,911	492	129,581	36,417	6,938	120,622	9,231

*Less than \$500,000.

Table 2.—The Make of Commodities

(Millions of dollars)

Industry number	Commodity number	Stone and clay products	Primary iron and steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm and garden machinery	Construction and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical
		36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	Livestock and livestock products.....															
2	Other agricultural products.....															
3	Forestry and fishery products.....															
4	Agricultural, forestry, and fishery services.....															
5	Iron and ferroalloy ores mining.....															
6	Nonferrous metal ores mining.....															
7	Coal mining.....															
8	Crude petroleum and natural gas.....															
9	Stone and clay mining and quarrying.....	63														
10	Chemical and fertilizer mineral mining.....	22														
11	New construction.....															
12	Maintenance and repair construction.....															
13	Ordnance and accessories.....		5			2	40	13	18	1	15			7		6
14	Food and kindred products.....				27		5			1						
15	Tobacco manufactures.....															
16	Broad and narrow fabrics, yarn and thread mills.....	1														
17	Miscellaneous textile goods and floor coverings.....	1						1								
18	Apparel.....															
19	Miscellaneous fabricated textile products.....					1		(*)					1			
20	Lumber and wood products, except containers.....		8			34		19								
21	Wood containers.....							(*)								
22	Household furniture.....					5	3	2								
23	Other furniture and fixtures.....					9	1	12		1	2	5	3		2	1
24	Paper and allied products, except containers.....							62					1	1	2	
25	Paperboard containers and boxes.....	90			2		7							1	2	
26	Printing and publishing.....							40					1	6	2	1
27	Chemicals and selected chemical products.....	44	6	25			9	1				4		3	16	
28	Plastics and synthetic materials.....															
29	Drugs, cleaning and toilet preparations.....												2			
30	Paints and allied products.....	6														
31	Petroleum refining and related industries.....	47			1											
32	Rubber and miscellaneous plastics products.....	95		8	5	7	25	41			6		77	23		
33	Leather tanning and finishing.....	1														
34	Footwear and other leather products.....	2						(*)								
35	Glass and glass products.....	5				1		3								1
36	Stone and clay products.....	14,853	17			13	5	6		3			8		23	
37	Primary iron and steel manufacturing.....	6	34,383	152	2	232	168	1,108		14	5		55	5	51	8
38	Primary nonferrous metals manufacturing.....	10	158	22,805		149	33	274		1			41	23	23	21
39	Metal containers.....			7	4,684	(*)	29	10		1			3	(*)		
40	Heating, plumbing, and structural metal products.....	14	51	19	13	14,508	47	122	12	21	26	16	13	28	86	9
41	Screw machine products and stampings.....	1	14	5	27	52	10,402	88		10	7		251	23	5	6
42	Other fabricated metal products.....	5	61	11	3	60	65	13,223		4	22	16	84	26	62	43
43	Engines and turbines.....		8	7		58	16	16	4,968	3	5				31	2
44	Farm and garden machinery.....		71	4		15	9	25	30	5,130	131	6		14	19	
45	Construction and mining machinery.....	3	70	3		11	4	55	184	86	7,145	63	10	18	61	5
46	Materials handling machinery and equipment.....		5			16	1	13		7	57	2,600	8	12	21	5
47	Metalworking machinery and equipment.....	11	91			4	21	78		48	22	18	6,614	67	34	25
48	Special industry machinery and equipment.....	40	23			39	1	27	9	12	24	17	76	5,323	85	11
49	General industrial machinery and equipment.....		30	25		37		165	84	11	52	24	22	84	7,205	29
50	Miscellaneous machinery, except electrical.....		27	11		6	4	20		2	5	6	29	10	11	4,179
51	Office, computing, and accounting machines.....	2	7			7	30	5						28		10
52	Service industry machines.....		2			106	9	36		6	3	14	6	9	87	8
53	Electric industrial equipment and apparatus.....		9	33		2	7	93	37			8	37	15	72	4
54	Household appliances.....	6	15	8		33	62	14						3	4	
55	Electric lighting and wiring equipment.....	2	86	43		15	13	38					11	29		7
56	Radio, TV, and communication equipment.....			3		5	5	105						11		
57	Electronic components and accessories.....			3		2	9	5	4				5	46		
58	Misc. electrical machinery and supplies.....	2	22	100				9	1			2			5	60
59	Motor vehicles and equipment.....	3	182	41	1	42	265	93	80	70	28	16	65	39	84	26
60	Aircraft and parts.....	1	1			43	7	7	186		17	13	8	35	8	8
61	Other transportation equipment.....		21	1		36		9	38	50	70	12		7	5	
62	Scientific and controlling instruments.....					10	2	43			6		25	5	23	1
63	Optical, ophthalmic, and photographic equipment.....	2		(*)									1	14	3	
64	Miscellaneous manufacturing.....	28	2	1		5	13	38				3		31	3	1
65	Transportation and warehousing.....															
66	Communications, except radio and TV.....															
67	Radio and TV broadcasting.....															
68	Electric, gas, water, and sanitary services.....		21													
69	Wholesale and retail trade.....															
70	Finance and insurance.....															
71	Real estate and rental.....															
72	Hotels; personal and repair services exc. auto.....															
73	Business services.....															
74	Eating and drinking places.....															
75	Automobile repair and services.....															
76	Amusements.....															
77	Medical, educ. services and nonprofit org.....															
78	Federal Government enterprises.....															
79	State and local government enterprises.....															
82	Government industry.....	10														
83	Rest of the world industry.....															
84	Household industry.....															
85	Inventory valuation adjustment.....															
T	Total commodity output.....	15,374	35,380	23,353	4,773	15,555	11,305	15,919	5,649	5,481	7,647	2,839	7,459	5,907	8,062	4,475

* Less than \$500,000.

by Industries, 1972—Continued

at producers' prices¹

Office, computing, and accounting machines	Service industry machines	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Misc. electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment	Scientific and controlling instruments	Optical, ophthalmic, and photographic equipment	Miscellaneous manufacturing	Transportation and warehousing	Communications, except radio and TV	Radio and TV broadcasting	Electric, gas, water, and sanitary services	Wholesale and retail trade	Finance and insurance	Industry number
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	
														97						1
																				2
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8,108	8,076	10,502	6,727	5,480	17,557	8,633	4,067	65,009	16,569	12,730	7,082	6,497	11,339	76,618	30,665	4	58,383	218,236	77,469	

Table 2.—The Make of Commodities by Industries, 1972—Continued

[Millions of dollars at producers' prices]

Industry number	Commodity number	For the distribution of industries producing a commodity, read the column for that commodity.														Total industry output
		For the distribution of commodities produced by an industry, read the row for that industry.														
		Real estate and rental	Hotels, personal and repair services exc. auto	Business services	Eating and drinking places	Automobile repair and services	Amusements	Medical, educ. services and nonprofit org.	Federal Government enterprises	State and local government enterprises	Scrap, used, and secondhand goods	Government industry	Rest of the world industry	Household industry	Inventory valuation adjustment	
		71	72	73	74	75	76	77	78	79	81	82	83	84	85	
1	Livestock and livestock products						37									43,339
2	Other agricultural products						28									35,080
3	Forestry and fishery products															1,971
4	Agricultural, forestry, and fishery services															3,566
5	Iron and ferroalloy ores mining															1,233
6	Nonferrous metal ores mining															2,270
7	Coal mining															5,442
8	Crude petroleum and natural gas															17,819
9	Stone and clay mining and quarrying															2,847
10	Chemical and fertilizer mineral mining															775
11	New construction															129,581
12	Maintenance and repair construction															36,417
13	Ordinance and accessories										31					7,115
14	Food and kindred products															118,301
15	Tobacco manufactures										16					9,243
16	Broad and narrow fabrics, yarn and thread mills										52					17,685
17	Miscellaneous textile goods and floor coverings															5,958
18	Apparel										21					30,203
19	Miscellaneous fabricated textile products										3					4,925
20	Lumber and wood products, except containers															21,511
21	Wood containers															466
22	Household furniture															7,282
23	Other furniture and fixtures															3,728
24	Paper and allied products, except containers				1						19					19,853
25	Paperboard containers and boxes										65					7,975
26	Printing and publishing				12,954						127					29,762
27	Chemicals and selected chemical products															24,041
28	Plastics and synthetic materials															9,684
29	Drugs, cleaning and toilet preparations															17,228
30	Paints and allied products															3,610
31	Petroleum refining and related industries										10					31,441
32	Rubber and miscellaneous plastics products										7					20,655
33	Leather tanning and finishing										10					1,062
34	Footwear and other leather products										(*)					4,529
35	Glass and glass products															5,583
36	Stone and clay products															15,266
37	Primary iron and steel manufacturing										244					36,684
38	Primary nonferrous metals manufacturing										112					23,986
39	Metal containers										47					4,870
40	Heating, plumbing, and structural metal products										42					15,347
41	Screw machine products and stampings										126					11,260
42	Other fabricated metal products				1						50					14,191
43	Engines and turbines										4					5,413
44	Farm and garden machinery										7					5,574
45	Construction and mining machinery										9					7,898
46	Materials handling machinery and equipment										4					2,813
47	Metalworking machinery and equipment										7					7,155
48	Special industry machinery and equipment										3					5,867
49	General industrial machinery and equipment										17					8,149
50	Miscellaneous machinery, except electrical										7					4,450
51	Office, computing, and accounting machines										5					8,056
52	Service industry machines										22					8,518
53	Electric industrial equipment and apparatus										28					10,420
54	Household appliances										11					6,670
55	Electric lighting and wiring equipment										10					5,532
56	Radio, TV, and communication equipment										21					17,971
57	Electronic components and accessories										26					8,419
58	Misc. electrical machinery and supplies										15					4,292
59	Motor vehicles and equipment										139					65,218
60	Aircraft and parts										15					17,086
61	Other transportation equipment										25					12,788
62	Scientific and controlling instruments				1						11					6,991
63	Optical, ophthalmic, and photographic equipment				2						4					6,531
64	Miscellaneous manufacturing				587						13					11,991
65	Transportation and warehousing				53			(*)	14		46					74,779
66	Communications, except radio and TV				901											31,565
67	Radio and TV broadcasting				4,450				59							4,513
68	Electric, gas, water, and sanitary services															50,148
69	Wholesale and retail trade															216,384
70	Finance and insurance															77,886
71	Real estate and rental	111														174,581
72	Hotels, personal and repair services exc. auto	174,581	30,277													30,504
73	Business services	227				68,710										68,710
74	Eating and drinking places					48,550										48,550
75	Automobile repair and services					24,340										24,340
76	Amusements					188					12,557					12,745
77	Medical, educ. services and nonprofit org.								84,900							84,900
78	Federal Government enterprises							172	24							11,793
79	State and local government enterprises									211						12,790
82	Government industry										2,799					131,948
83	Rest of the world industry												6,918			6,918
84	Household industry													5,349		5,349
85	Inventory valuation adjustment														-7,591	-7,591
T	Total commodity output	174,919	30,291	88,180	48,721	24,551	12,719	84,900	9,568	2,799	1,430	131,948	6,918	5,349	-7,591	

*Less than \$500,000.

CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1975 edition of BUSINESS STATISTICS, biennial statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (available from the Superintendent of Documents for \$6.80) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1971 through 1974 for major quarterly series), annually, 1947-74; for selected series, monthly or quarterly, 1947-74 (where available). Series added or significantly revised after the 1975 BUSINESS STATISTICS went to press are indicated by an asterisk (*) and a dagger (†), respectively. Unless otherwise noted, revised monthly data for periods not shown herein corresponding to revised annual data are available upon request.

The sources of the data are given in the 1975 edition of BUSINESS STATISTICS; they appear in the main descriptive note for each series, and are also listed alphabetically on pages 187-88. Statistics originating in Government agencies are not copyrighted and may be reprinted freely. Data from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1976	1977	1978	1976				1977				1978				1979
	Annual total			I	II	III	IV	I	II	III	IV	I	II	III	IV	I ^p
	Seasonally adjusted quarterly totals at annual rates															

GENERAL BUSINESS INDICATORS—Quarterly Series

	1976	1977	1978	1976				1977				1978				1979
			I	II	III	IV	I	II	III	IV	I	II	III	IV	I ^p	
NATIONAL INCOME AND PRODUCT†																
Gross national product, total†.....bil.\$.	1,700.1	1,887.2	2,107.6	1,649.7	1,685.4	1,715.6	1,749.8	1,806.8	1,867.0	1,916.8	1,958.1	1,992.0	2,087.5	2,136.1	2,214.8	2,265.6
Personal consumption expenditures, total.....do....	1,090.2	1,206.5	1,340.1	1,053.8	1,075.1	1,098.4	1,133.7	1,167.7	1,188.6	1,214.5	1,255.2	1,276.7	1,322.9	1,356.9	1,403.9	1,444.7
Durable goods, total ♀.....do....	156.6	178.4	197.5	152.2	154.7	156.7	162.8	173.2	175.6	177.4	187.2	183.5	197.8	199.5	209.1	213.4
Motor vehicles and parts.....do....	69.7	81.5	89.7	67.7	69.1	69.5	72.6	81.3	81.2	79.5	84.0	84.1	92.5	89.8	92.6	96.4
Furniture and household equipment.....do....	63.9	71.3	77.7	61.9	63.0	64.2	66.5	68.0	69.9	72.0	75.3	72.1	76.5	78.9	83.2	83.6
Nondurable goods, total ♀.....do....	442.6	479.0	526.5	430.3	437.4	444.5	458.3	465.9	473.6	479.7	496.9	501.4	519.3	531.7	553.4	569.7
Clothing and shoes.....do....	75.7	81.5	89.0	73.8	74.2	76.1	78.5	78.5	79.3	81.4	86.7	82.9	87.5	90.5	95.3	94.0
Food.....do....	225.8	245.2	269.4	219.4	223.9	227.4	232.3	237.5	244.5	246.4	252.6	257.7	267.8	272.0	279.9	290.3
Gasoline and oil.....do....	42.8	46.5	51.2	41.4	41.9	43.0	45.1	46.1	46.2	46.0	47.5	48.3	49.1	51.5	55.8	59.8
Services, total ♀.....do....	491.0	549.2	641.4	471.3	483.0	497.2	512.6	528.6	539.4	557.5	571.1	591.8	605.8	625.8	641.4	661.6
Household operation.....do....	72.8	81.6	91.3	69.3	70.2	73.5	78.2	80.2	78.0	83.7	84.6	89.6	89.9	92.6	94.1	97.1
Housing.....do....	166.4	184.6	207.3	160.2	164.7	168.2	172.3	177.3	182.1	186.9	192.0	198.1	204.1	210.1	217.0	222.5
Transportation.....do....	37.9	44.2	52.6	36.0	37.0	38.7	39.8	40.8	43.5	45.0	47.3	49.7	52.1	53.7	55.0	51.3
Gross private domestic investment, total.....do....	243.0	297.8	345.6	231.5	243.5	249.9	247.1	272.5	295.6	309.7	313.5	322.7	345.4	350.1	364.0	371.6
Fixed investment.....do....	232.8	282.3	329.6	220.1	228.1	235.3	247.6	262.2	278.6	287.8	300.5	306.0	325.3	336.5	350.5	353.5
Nonresidential.....do....	164.6	190.4	222.6	157.7	162.2	168.1	170.5	180.6	187.2	193.5	200.3	205.6	220.1	227.5	237.1	242.6
Structures.....do....	57.3	63.9	77.8	56.4	57.6	57.3	57.9	59.3	63.4	65.4	67.4	68.5	76.6	80.9	85.1	85.0
Producers' durable equipment.....do....	107.3	126.5	144.8	101.3	104.6	110.8	112.6	121.4	123.8	128.1	132.8	137.1	143.5	146.6	152.0	157.6
Residential.....do....	68.2	91.9	107.0	62.4	65.9	67.3	77.1	81.6	91.4	94.3	100.2	100.3	105.3	109.0	113.4	110.9
Change in business inventories.....do....	10.2	15.6	16.0	11.4	15.4	14.5	-6	10.3	17.0	21.9	13.1	16.7	20.1	13.6	13.5	18.1
Nonfarm.....do....	12.2	15.0	16.7	12.7	18.8	15.2	2.2	11.1	16.5	22.0	10.4	16.9	22.1	14.6	13.4	19.6
Net exports of goods and services.....do....	7.4	-11.1	-12.0	10.4	9.7	6.9	2.8	-8.5	-5.9	-7.0	-23.2	-24.1	-5.5	-10.7	-7.6	-10.3
Exports.....do....	163.2	175.5	204.8	154.4	160.7	168.2	169.4	170.9	178.1	180.8	172.1	181.7	205.4	210.1	221.9	229.0
Imports.....do....	155.7	186.6	216.8	144.1	150.9	161.3	166.6	179.4	184.0	187.8	195.2	205.8	210.9	220.8	229.5	239.2
Govt. purchases of goods and services, total.....do....	359.5	394.0	433.9	354.0	357.2	360.4	366.3	375.0	388.8	399.5	412.5	416.7	424.7	439.8	454.5	459.4
Federal.....do....	129.9	145.1	153.8	127.1	127.8	129.9	134.6	138.3	142.9	146.8	152.2	151.5	147.2	154.0	162.5	164.7
National defense.....do....	86.8	94.3	99.5	85.9	85.6	86.5	89.1	91.9	93.7	94.4	97.1	97.9	98.6	99.6	102.1	103.9
State and local.....do....	229.6	248.9	280.2	226.9	229.4	230.5	231.7	236.7	245.9	252.7	260.3	265.2	277.6	285.8	292.0	294.8
By major type of product: †																
Final sales, total.....do....	1,689.9	1,871.6	2,091.6	1,638.3	1,670.1	1,701.0	1,750.4	1,796.5	1,850.0	1,894.9	1,945.0	1,975.3	2,067.4	2,122.5	2,201.3	2,247.4
Goods, total.....do....	760.3	832.6	918.4	741.9	758.0	768.1	772.9	800.2	825.8	844.7	859.6	861.8	912.2	927.3	972.5	1,000.7
Durable goods.....do....	304.6	341.3	376.8	288.6	301.8	312.4	315.6	332.2	339.1	346.5	347.4	351.2	375.8	380.1	401.1	421.8
Nondurable goods.....do....	455.7	491.3	541.7	453.4	456.2	455.7	457.3	468.0	486.7	498.2	512.2	510.6	536.4	547.2	572.4	579.0
Services.....do....	778.0	862.8	962.5	749.7	766.9	787.1	808.1	832.3	850.0	875.3	893.6	926.4	952.0	973.7	997.7	1,025.3
Structures.....do....	161.9	191.8	226.7	158.1	160.5	160.3	168.7	174.3	191.3	196.8	204.9	203.8	223.4	235.0	244.7	239.6
Change in business inventories.....do....	10.2	15.6	16.0	11.4	15.4	14.5	-6	10.3	17.0	21.9	13.1	16.7	20.1	13.6	13.5	18.1
Durable goods.....do....	5.3	8.4	11.7	1.1	6.5	9.3	5.2	6.1	9.1	11.9	6.3	14.8	10.8	10.2	10.8	22.4
Nondurable goods.....do....	4.9	7.2	4.3	11.3	8.9	5.3	-5.8	4.2	7.9	10.0	6.8	1.9	9.3	3.4	2.7	-4.3
GNP in constant (1972) dollars†																
Gross national product, total†.....bil.\$.	1,271.0	1,332.7	1,385.7	1,255.5	1,268.0	1,276.5	1,284.0	1,306.7	1,325.5	1,343.9	1,354.5	1,354.2	1,382.6	1,391.4	1,414.7	1,417.3
Personal consumption expenditures, total.....do....	819.4	857.7	891.7	806.3	814.0	820.9	836.2	846.6	849.5	858.0	876.6	873.5	886.3	895.1	911.8	915.7
Durable goods.....do....	125.9	137.8	144.6	124.8	125.2	125.3	128.5	134.9	136.2	136.9	143.0	137.8	145.8	144.8	150.1	150.1
Nondurable goods.....do....	320.2	330.4	339.6	314.6	318.2	320.5	327.7	327.1	327.2	329.2	338.1	333.3	336.3	340.4	348.5	347.1
Services.....do....	373.2	389.5	407.4	366.9	370.6	375.1	380.0	384.6	386.0	391.8	395.6	402.4	404.2	410.0	413.1	418.5
Gross private domestic investment, total.....do....	173.4	196.3	210.6	168.5	174.7	177.1	173.4	186.1	197.1	201.7	200.3	205.7	213.1	210.4	213.4	215.7
Fixed investment.....do....	166.8	187.4	200.1	161.0	164.6	167.8	173.6	180.3	187.1	189.5	192.8	193.4	200.4	201.4	205.2	203.9
Nonresidential.....do....	118.9	129.8	140.2	115.5	117.8	121.0	121.4	126.8	129.1	130.8	132.5	133.8	140.5	141.7	144.9	145.9
Residential.....do....	47.8	57.7	59.8	45.5	46.8	46.8	52.3	53.5	58.0	58.8	60.3	59.5	59.9	59.7	60.3	58.1
Change in business inventories.....do....	6.7	8.9	10.6	7.5	10.1	9.3	-2	5.8	10.0	12.2	7.5	12.3	12.7	9.0	8.2	11.8
Net exports of goods and services.....do....	15.4	9.5	8.4	16.5	16.1	16.1	13.1	11.2	11.0	12.5	3.1	2.9	11.3	9.2	10.2	8.9
Govt. purchases of goods and services, total.....do....	262.8	269.2	275.0	264.3	263.2	262.5	261.3	262.8	267.9	271.7	274.5	272.1	271.9	276.7	279.4	277.0
Federal.....do....	96.6	101.6	100.3	96.2	95.9	96.8	97.5	98.7	101.3	102.9	103.6	101.2	97.1	100.4	102.5	102.1
State and local.....do....	166.2	167.6	174.7	168.1	167.3	165.7	163.8	164.1	166.6	168.8	170.9	170.8	174.8	176.3	176.9	174.9

* Revised. † Preliminary. ‡ Revised series. Estimates of national income and product and personal income have been revised back to 1973 (see p. 16 ff. of the July 1977 SURVEY and

p. 24 ff. of the July 1978 SURVEY); revisions prior to May 1977 for personal income appear on p. 36 of the July 1978 SURVEY. † Includes data for items not shown separately.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1976	1977	1978	1976			1977				1978				1979	
	Annual total			II	III	IV	I	II	III	IV	I	II	III	IV	I	II

GENERAL BUSINESS INDICATORS—Quarterly Series—Continued

NATIONAL INCOME AND PRODUCT†—Con.																
Quarterly Data Seasonally Adjusted																
Implicit price deflators:†																
Gross national product..... Index, 1972=100	133.76	141.61	152.09	132.92	134.39	136.28	138.27	140.86	142.63	144.56	147.10	150.98	153.52	156.56	159.85	-----
Personal consumption expenditures..... do	133.1	140.7	150.3	132.1	133.8	135.6	137.9	139.9	141.6	143.2	146.2	149.3	151.6	154.0	157.8	-----
Durable goods..... do	124.4	129.5	136.5	123.6	125.0	126.8	128.4	128.9	129.5	130.9	133.1	135.7	137.3	139.3	142.2	-----
Nondurable goods..... do	138.2	145.0	155.0	137.4	138.7	139.9	142.4	144.7	145.7	147.0	150.4	154.4	156.2	158.8	164.1	-----
Services..... do	131.6	141.0	151.2	130.3	132.5	134.9	137.4	139.7	142.3	144.4	147.1	149.9	152.6	155.2	158.1	-----
Gross private domestic investment:																
Fixed investment..... do	139.6	150.6	164.7	138.5	140.3	142.6	145.4	148.9	151.9	155.9	158.2	162.2	167.1	170.8	173.3	-----
Nonresidential..... do	138.4	146.7	158.7	137.7	138.9	140.5	142.5	145.0	147.9	151.2	153.6	156.7	160.6	163.7	166.3	-----
Residential..... do	142.5	159.4	178.8	140.7	143.8	147.6	152.3	157.6	160.6	166.1	168.6	175.7	182.6	188.2	191.0	-----
Govt. purchases of goods and services..... do	136.8	146.3	157.8	135.7	137.3	140.2	142.7	145.1	147.1	150.3	153.2	156.2	158.9	162.7	165.9	-----
Federal..... do	134.4	142.7	153.3	133.3	134.2	138.0	140.1	141.1	142.7	146.9	149.6	151.5	153.4	158.5	161.3	-----
State and local..... do	138.1	148.5	160.4	137.1	139.1	141.5	144.3	147.6	149.7	152.3	155.2	158.8	162.1	165.1	168.6	-----
Quarterly Data Seasonally Adjusted at Annual Rates																
National income, total†..... bil. \$	1,359.2	1,515.3	1,703.8	1,347.9	1,372.1	1,397.0	1,447.5	1,499.3	1,537.6	1,576.9	1,603.1	1,688.1	1,728.4	1,795.6	-----	-----
Compensation of employees, total..... do	1,036.8	1,153.4	1,301.4	1,026.0	1,046.1	1,073.3	1,107.9	1,140.5	1,165.8	1,199.7	1,241.0	1,287.8	1,317.1	1,359.8	1,405.9	-----
Wages and salaries, total..... do	890.1	983.6	1,101.0	881.5	897.3	919.9	946.4	973.4	993.6	1,021.2	1,050.8	1,090.2	1,113.4	1,149.4	1,184.5	-----
Govt. and govt. enterprises..... do	187.6	200.8	216.1	186.1	188.1	192.6	195.2	198.1	201.7	208.1	211.4	213.9	216.8	222.3	225.1	-----
Other..... do	702.5	782.9	884.8	695.4	709.2	727.2	751.2	775.3	791.9	813.1	839.3	876.3	896.6	927.1	959.5	-----
Supplements to wages and salaries..... do	146.7	169.8	200.5	144.6	148.8	153.4	161.5	167.1	172.2	178.4	190.2	197.6	203.6	210.4	221.4	-----
Proprietors' income with inventory valuation and capital consumption adjustments, total..... bil. \$	88.6	99.8	113.2	88.8	87.4	89.5	95.6	98.9	97.2	107.3	105.0	110.1	114.5	123.0	123.7	-----
Farm..... do	18.4	20.2	25.3	19.6	16.9	16.3	19.4	20.0	16.5	25.1	21.9	24.0	25.0	30.4	30.6	-----
Nonfarm..... do	70.2	79.5	87.8	69.3	70.5	73.2	76.1	78.9	80.8	82.3	83.1	86.1	89.6	92.6	93.1	-----
Rental income of persons with capital consumption adjustment..... bil. \$	22.5	22.5	23.4	22.4	22.4	22.8	22.5	22.4	22.4	22.7	22.8	22.2	24.3	24.4	24.7	-----
Corp. profits with inventory valuation and capital consumption adjustments, total..... bil. \$	127.0	144.2	159.5	128.6	130.0	122.5	129.9	143.7	154.8	148.2	132.6	163.4	165.2	176.6	-----	-----
Corp. profits with invent. val. adj.:																
Domestic, total..... do	133.2	149.5	167.7	135.4	136.3	128.7	134.8	148.1	159.5	155.6	139.2	168.9	175.4	187.4	-----	-----
Financial..... do	17.5	20.9	25.1	17.0	18.3	19.1	19.7	19.9	21.9	21.9	22.7	24.3	26.0	27.6	-----	-----
Nonfinancial, total..... do	115.6	128.6	142.6	118.4	118.0	109.7	115.1	128.1	137.6	133.7	116.6	144.6	149.4	159.8	-----	-----
Manufacturing, total..... do	65.6	74.7	85.0	67.5	65.9	61.9	66.4	77.4	74.7	80.2	69.8	87.8	87.1	95.2	-----	-----
Durable goods..... do	28.1	35.1	43.2	29.7	28.5	26.9	29.9	37.2	34.2	39.1	32.8	46.1	44.6	49.2	-----	-----
Transportation, communication, and electric, gas, and sanitary serv..... bil. \$	13.7	16.1	19.5	14.3	14.9	13.3	15.4	14.5	17.5	17.1	17.3	19.3	20.7	20.8	-----	-----
Rest of the world..... do	8.2	9.6	9.8	7.6	8.2	8.2	9.7	10.4	10.3	7.9	9.4	11.7	9.1	9.1	-----	-----
Profits before tax, total..... do	155.9	173.9	202.0	158.7	157.8	154.6	164.8	175.1	177.5	178.3	172.1	205.5	205.4	224.9	-----	-----
Profits tax liability..... do	64.3	71.8	83.9	66.3	64.7	62.4	68.3	72.3	72.8	73.9	70.0	85.0	86.2	94.4	-----	-----
Profits after tax..... do	91.7	102.1	118.2	92.4	93.1	92.2	96.5	102.8	104.8	104.4	102.1	120.5	119.2	130.5	-----	-----
Dividends..... do	37.9	43.7	49.3	37.2	38.4	41.4	41.5	42.7	44.1	46.3	47.0	48.1	50.1	51.9	54.0	-----
Undistributed profits..... do	53.8	58.4	68.8	55.2	54.7	50.8	55.0	60.1	60.6	58.1	55.1	72.4	69.2	78.6	-----	-----
Inventory valuation adjustment..... do	-14.5	-14.8	-24.4	-15.7	-13.3	-17.6	-20.3	-16.6	-7.7	-14.8	-23.5	-24.9	-20.9	-28.4	-40.3	-----
Capital consumption adjustment..... do	-14.4	-14.9	-18.1	-14.4	-14.5	-14.5	-14.6	-14.8	-15.0	-15.3	-16.1	-17.2	-19.3	-19.9	-20.7	-----
Net interest..... do	84.3	95.4	106.3	82.0	86.2	88.9	91.7	93.7	97.3	99.0	101.7	104.6	107.4	111.4	114.2	-----
DISPOSITION OF PERSONAL INCOME†																
Personal income, total..... bil. \$	1,380.9	1,529.0	1,708.0	1,363.2	1,392.8	1,430.5	1,470.7	1,508.6	1,543.7	1,593.0	1,628.9	1,682.4	1,731.7	1,789.0	1,834.1	-----
Less: Personal tax and nontax payments..... do	196.5	226.0	256.2	192.6	200.0	209.0	222.7	223.3	224.6	233.3	237.3	249.1	263.2	275.1	270.6	-----
Equals: Disposable personal income..... do	1,184.4	1,303.0	1,451.8	1,170.6	1,192.8	1,221.5	1,248.0	1,285.3	1,319.1	1,359.6	1,391.6	1,433.3	1,468.4	1,513.9	1,563.5	-----
Less: Personal outlays..... do	1,116.3	1,236.1	1,374.9	1,100.7	1,124.8	1,160.9	1,195.8	1,217.8	1,244.8	1,285.9	1,309.2	1,357.0	1,392.5	1,440.9	1,482.6	-----
Equals: Personal savings..... do	68.0	66.9	76.9	69.9	68.1	60.7	52.2	67.5	74.3	73.7	82.4	76.3	76.0	73.0	80.9	-----
NEW PLANT AND EQUIPMENT EXPENDITURES																
Unadjusted quarterly or annual totals:																
All industries..... bil. \$	120.49	135.80	153.82	29.70	30.41	34.52	29.20	33.73	34.82	38.06	32.35	37.89	38.67	44.91	36.97	42.07
Manufacturing..... do	52.48	60.16	67.62	12.66	13.48	15.38	12.52	14.84	15.60	17.19	13.67	16.76	16.89	20.30	15.97	18.91
Durable goods industries%..... do	23.68	27.77	31.66	5.61	6.02	7.27	5.80	6.79	7.17	8.00	6.36	7.79	7.97	9.53	7.57	9.20
Nondurable goods industries%..... do	28.81	32.39	35.96	7.05	7.46	8.12	6.72	8.06	8.43	9.18	7.31	8.97	8.92	10.77	8.40	9.72
Nonmanufacturing..... do	68.01	75.64	86.19	17.04	16.93	19.14	16.68	18.88	19.21	20.87	18.68	21.13	21.78	24.61	21.00	23.16
Mining..... do	4.00	4.50	4.78	.99	1.04	1.05	1.02	1.16	1.17	1.15	1.07	1.22	1.24	1.26	1.23	1.23
Railroad..... do	2.52	2.80	3.32	.68	.64	.70	.59	.67	.78	.76	.71	.83	.84	.84	.80	.83
Air transportation..... do	1.30	1.62	2.30	.42	.26	.35	.33	.43	.39	.46	.52	.60	.54	.64	.64	.68
Other transportation..... do	3.63	2.51	2.43	1.02	.95	.94	.61	.76	.50	.63	.51	.60	.62	.71	.62	.77
Public utilities..... do	22.28	25.80	29.48	5.50	5.52	6.46	5.55	6.37	6.61	7.28	6.15	7.14	7.43	8.78	7.12	8.00
Electric..... do	18.80	21.59	24.79	4.74	4.54	5.34	4.78	5.34	5.41	6.06	5.27	6.01	6.11	7.40	6.16	6.78
Gas and other..... do	3.47	4.21	4.70	.76	.98	1.12	.77	1.03	1.20	1.21	.88	1.13	1.32	1.37	.97	1.22
Communication..... do	13.30	15.45	18.16	3.21	3.33	3.84	3.30	3.86	4.03	4.26	3.97	4.56	4.68	4.96	-----	-----
Commercial and other..... do	20.99	22.97	25.71	5.21	5.19	5.78	5.27	5.64	5.73	6.33	5.76	6.18	6.43	7.34	10.53	11.63
Seas. adj. qtrly. totals at annual rates:																
All industries..... do				118.12	122.55	125.22	130.16	134.24	140.38	138.11	144.25	150.76	155.41	163.96	164.23	167.52
Manufacturing..... do				50.64	54.78	54.44	56.43	59.46	63.02	61.41	61.57	67.20	67.75	73.24	71.97	75.90
Durable goods industries%..... do				22.54	24.59	25.50	26.30	27.26	29.23	28.19	28.72	31.40	32.25	33.99	34.18	37.09
Nondurable goods industries%..... do				28.09	30.20	28.93	30.13	32.19	33.79	33.22	32.86	35.80	35.50	39.26	37.78	38.81
Nonmanufacturing..... do				67.48	67.76	70.78	73.74	74.78	77.36	76.70	82.68	83.56	87.66	90.71	92.26	91.62
Mining..... do				3.83	4.21	4.13	4.24	4.49	4.74	4.50	4.45	4.81	4.99	4.98	5.35	4.89
Railroad..... do				2.64	2.69	2.63	2.71	2.57	3.20	2.80	3.35	3.09	3.38	3.49	3.77	3.11
Air transportation..... do				1.44	1.12	1.41	1.62	1.43	1.69	1.76	2.67	2.08	2.20	2.39	3.28	2.36
Other transportation..... do				4.16	3.44	3.49	2.96	2.96	1.96	2.32	2.44	2.23	2.47	2.55	3.01	2.89
Public utilities..... do				21.85	21.67	23.46	25.35	25.29	26.22	26.23	27.92	28.46	29.62	31.73	32.30	31.91
Electric..... do				18.82	18.22	19.49	21.19	21.14	21.90	22.05	23.15	23.83	24.92	26.95	27.06	26.92
Gas and other..... do			</													

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1976	1977	1978*	1976				1977				1978*				1979*
	Annual total			I	II	III	IV	I	II	III	IV	I	II	III	IV	I

GENERAL BUSINESS INDICATORS—Quarterly Series—Continued

U.S. INTERNATIONAL TRANSACTIONS															
Quarterly Data Are Seasonally Adjusted (Credits +; debits -)															
Exports of goods and services (excl. transfers under military grants).....mil. \$	171,274	183,205	218,024	40,375	42,449	44,160	44,291	44,775	46,507	46,700	45,226	48,355	54,175	55,595	59,900
Merchandise, adjusted, excl. military.....do.	114,694	120,576	141,844	27,001	28,380	29,602	29,711	29,501	30,860	30,578	29,637	30,787	35,256	36,486	39,315
Transfers under U.S. military agency sales contracts.....mil. \$	5,213	7,079	7,710	1,095	1,189	1,472	1,457	1,912	1,702	1,918	1,547	1,842	2,217	1,889	1,761
Receipts of income on U.S. assets abroad.....do.	29,244	32,100	41,514	7,027	7,369	7,423	7,420	7,796	8,088	8,220	7,997	9,392	10,013	10,322	11,787
Other services.....do.	22,124	23,451	26,957	5,252	5,511	5,658	5,703	5,566	5,857	5,984	6,045	6,334	6,689	6,898	7,037
Imports of goods and services.....do.	-161,913	-193,789	-228,609	-37,644	-39,268	-41,933	-43,066	-46,999	-48,068	-48,405	-50,298	-54,657	-56,184	-58,031	-60,038
Merchandise, adjusted, excl. military.....do.	-124,047	-151,706	-175,988	-28,352	-29,063	-32,418	-33,314	-37,120	-37,635	-37,942	-39,009	-42,707	-43,125	-44,478	-45,678
Direct defense expenditures.....do.	-4,901	-5,745	-7,179	-1,159	-1,219	-1,235	-1,288	-1,344	-1,407	-1,451	-1,542	-1,632	-1,773	-1,877	-1,897
Payments of income on foreign assets in the U.S.....mil. \$	-13,311	-14,593	-21,599	-3,405	-3,332	-3,293	-3,281	-3,197	-3,601	-3,610	-4,185	-4,515	-5,432	-5,444	-6,207
Other services.....do.	-19,655	-21,746	-24,143	-4,728	-4,734	-4,987	-5,185	-5,337	-5,445	-5,401	-5,563	-5,802	-5,854	-6,232	-6,256
Unilateral transfers (excl. military grants), net.....mil. \$	-5,022	-4,708	-5,076	-1,028	-1,040	-1,908	-1,047	-1,126	-1,243	-1,277	-1,064	-1,282	-1,317	-1,275	-1,204
U.S. Government grants (excl. military).....do.	-3,145	-2,776	-3,028	-546	-592	-1,440	-567	-636	-763	-787	-591	-778	-781	-779	-691
Other.....do.	-1,878	-1,932	-2,048	-482	-448	-468	-480	-490	-480	-490	-473	-504	-536	-496	-513
U.S. assets abroad, net.....do.	-50,608	-34,650	-58,748	-12,365	-11,740	-10,269	-16,235	-1,334	-12,003	-6,615	-14,700	246	329	115	182
U.S. official reserve, net.....do.	-2,530	-231	872	-773	-1,578	-407	228	-388	6	151	(?)	86	329	115	182
U.S. Gov't, other than official reserve, net.....do.	-4,213	-3,679	-4,657	-762	-932	-1,340	-1,180	-949	-795	-1,098	-838	-896	-1,176	-1,498	-1,086
U.S. private, net.....do.	-43,865	-30,740	-54,563	-10,830	-9,290	-8,522	-15,283	3	-11,214	-5,668	-13,862	-14,417	-5,320	-8,833	-26,394
Direct investment abroad.....do.	-11,614	-12,215	-15,361	-3,923	-2,047	-3,081	-2,563	-2,177	-3,729	-3,113	-3,197	-4,976	-3,981	-2,708	-3,697
Foreign assets in the U.S., net.....do.	36,969	50,869	63,260	7,590	7,914	8,932	12,534	2,490	14,064	14,251	20,065	18,095	406	15,489	29,270
Foreign official, net.....do.	18,073	37,124	38,567	3,819	4,017	3,070	7,166	5,451	7,884	8,246	15,543	15,760	-5,685	4,852	19,040
Other foreign, net.....do.	18,897	13,746	29,293	3,771	3,897	5,862	5,367	-2,962	6,180	6,005	4,522	2,336	6,090	10,637	10,230
Direct investment in the U.S.....do.	4,347	3,338	5,611	1,472	1,086	999	790	880	996	1,012	812	1,852	2,206	741	741
Allocations of special drawing rights.....do.															
Statistical discrepancy.....do.	9,300	-927	11,449	3,073	1,685	1,018	3,525	2,194	763	-4,655	771	4,555	9,087	-1,562	-630
Memoranda:															
Balance on merchandise trade.....do.	-9,353	-31,130	-34,144	-1,351	-1,583	-2,816	-3,603	-7,619	-6,775	-7,364	-9,372	-11,920	-7,869	-7,092	-6,363
Balance on goods and services.....do.	9,361	-10,585	-10,885	2,731	3,181	2,227	1,223	-2,224	-1,581	-1,705	-5,072	-6,302	-2,009	-2,436	-138
Balance on goods, services, and remittances.....do.	7,483	-12,516	-12,333	2,249	2,733	1,759	743	-2,714	-2,061	-2,195	-5,545	-6,806	-2,545	-2,932	-651
Balance on current account.....do.	4,339	-15,292	-15,961	1,703	2,141	319	176	-3,350	-2,824	-2,982	-6,136	-7,584	-3,326	-3,711	-1,342

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978												1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.*	

GENERAL BUSINESS INDICATORS—Monthly Series

PERSONAL INCOME BY SOURCE†																
Seasonally adjusted, at annual rates:†																
Total personal income.....bil. \$	1,529.0	1,708.0	1,625.0	1,646.3	1,669.4	1,682.1	1,695.7	1,719.2	1,731.1	1,744.7	1,768.7	1,786.6	1,811.6	1,819.0	1,832.1	1,851.2
Wage and salary disbursements, total.....do.	983.6	1,100.9	1,047.4	1,066.6	1,083.9	1,088.4	1,098.4	1,108.2	1,111.3	1,120.1	1,137.5	1,149.3	1,161.4	1,173.0	1,183.5	1,197.7
Commodity-producing industries, total.....do.	343.7	350.2	364.4	374.3	383.9	386.2	390.9	395.4	395.7	398.2	404.5	411.7	417.7	420.2	426.7	432.4
Manufacturing.....do.	266.3	299.9	286.5	292.4	294.3	295.9	298.1	301.6	301.0	303.6	308.8	315.8	319.5	323.2	327.7	331.2
Distributive industries.....do.	230.1	268.9	256.2	261.3	264.9	266.1	268.3	269.8	271.0	274.1	277.8	279.7	283.7	287.6	289.8	293.9
Service industries.....do.	200.1	225.8	215.1	219.0	222.2	222.0	224.3	227.2	228.0	230.3	234.2	235.4	236.5	240.4	242.0	245.4
Govt. and gov't. enterprises.....do.	200.8	216.1	211.6	212.0	213.0	213.9	214.9	215.8	216.7	217.5	221.0	222.4	223.5	224.8	225.0	225.9
Other labor income.....do.	90.4	105.9	100.0	101.3	102.7	104.0	105.4	106.7	107.9	109.1	110.4	111.8	113.1	114.5	115.9	117.3
Proprietors' income:Δ																
Farm.....do.	20.2	25.3	21.5	18.6	22.0	24.8	25.3	24.0	24.9	26.0	27.4	29.0	34.9	31.0	30.5	30.3
Nonfarm.....do.	79.5	87.8	83.0	84.4	85.5	86.1	86.7	88.4	90.1	90.2	92.0	92.6	93.3	92.6	92.8	94.0
Rental income of persons, with capital consumption adjustment.....bil. \$	22.5	23.4	22.8	22.6	22.3	22.1	22.1	24.3	24.3	24.2	24.3	24.4	24.4	24.5	24.7	24.8
Dividends.....do.	43.7	49.3	47.0	47.2	47.4	48.0	49.0	49.2	50.3	50.7	51.3	51.8	52.6	53.6	54.2	54.2
Personal interest income.....do.	141.2	159.0	151.4	153.3	154.8	156.5	157.6	159.6	161.9	163.6	165.1	166.1	168.5	170.1	171.9	173.5
Transfer payments.....do.	208.8	226.0	219.0	220.3	219.7	221.3	220.8	229.0	230.8	231.5	232.2	233.6	235.9	237.8	237.5	238.9
Less personal contributions for social insurance.....bil. \$	61.0	69.7	67.0	68.0	68.9	69.0	69.6	70.3	70.4	70.8	71.6	72.0	72.6	78.2	78.7	79.5
Total nonfarm income.....do.	1,494.4	1,666.9	1,588.3	1,612.5	1,631.9	1,641.8	1,654.7	1,679.0	1,690.3	1,702.6	1,725.1	1,741.3	1,760.3	1,771.2	1,784.5	1,803.6
FARM INCOME AND MARKETING‡																
Cash receipts from farming, including Government payments, total.....mil. \$	96,889		7,038	7,407	7,377	7,730	8,403	7,417	8,048	10,457	13,224	12,497	14,338	10,607		
Farm marketings and CCC loans, total.....do.	95,025		7,280	7,256	7,079	7,580	8,339	7,342	7,991	10,229	12,949	12,326	13,450	10,577	10,900	
Crops.....do.	47,572		3,210	2,402	2,429	2,686	3,571	3,680	3,257	5,414	7,299	6,992	5,184	5,114	5,800	
Livestock and products, total §.....do.	47,453		4,070	4,854	4,750	4,794	4,768	3,662	4,734	4,815	5,650	5,333	5,223	5,493	5,100	
Dairy products.....do.	11,782		944	1,064	1,076	1,108	1,046	1,058	1,051	1,011	1,016	1,043	1,117	1,190		
Meat animals.....do.	27,909		2,492	3,098	2,883	3,161	2,973	1,764	2,910	3,160	3,924	3,527	3,310	3,553		
Poultry and eggs.....do.	17,207		538	652	640	571	697	791	728	556	666	709	732	713		
Indexes of cash receipts from marketings and CCC loans, unadjusted:‡																
All commodities.....1967=100.....do.	222		192	205	199	217	235	206	254	262	360	345	292	297	305	
Crops.....do.	258		181	178	156	181	232	240	282	293	468	455	338	333	379	
Livestock and products.....do.	195		201	226	232	244	235	180	233	258	278	262	257	270	250	
Indexes of volume of farm marketings, unadjusted:‡																
All commodities.....1967=100.....do.	124		101	100	96	102	110	113	127	129	172	165	134	130	103	
Crops.....do.	138		98	86	75	98	113	124	150	149	239	232	167	161	114	
Livestock and products.....do.	113		103	111	111	113	109	104	110	114	124	117	110	108	95	

* Revised. † Preliminary. ‡ Reported annual total; revisions are not reflected in the monthly data. § Less than \$500,000(±). † See corresponding note on p. S-1. Δ Includes inventory valuation and capital consumption adjustments. ‡ Series revised beginning 1973; revisions for periods prior to May 1976 are available from the U.S. Dept. of Agr., Economic Research Service. § Includes data for items not shown separately.

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

GENERAL BUSINESS INDICATORS—Continued

INDUSTRIAL PRODUCTION ^c																
Federal Reserve Board Index of Quantity Output																
Not Seasonally Adjusted																
Total index.....1967=100	137.1	145.2	139.6	141.4	144.2	144.2	148.8	141.9	146.9	152.0	152.6	149.7	*146.0	*146.2	151.2	153.0
By market groupings:																
Products, total.....do	137.1	144.3	139.0	141.0	143.2	142.1	148.2	141.7	147.0	153.3	152.4	147.9	*142.6	*143.6	148.9	150.4
Final products.....do	134.9	141.4	136.6	138.6	140.7	138.9	145.1	138.2	143.4	150.6	149.5	144.5	*139.4	*141.2	146.2	147.2
Consumer goods.....do	143.4	147.4	143.4	145.3	148.4	145.2	152.1	142.5	149.7	158.4	156.8	149.0	*141.0	*144.7	150.2	151.7
Durable consumer goods.....do	153.1	158.9	155.7	162.4	169.7	163.7	167.6	143.9	146.7	166.1	173.7	164.2	150.0	154.9	166.0	170.2
Nondurable consumer goods.....do	139.6	142.8	138.5	138.4	140.0	137.7	146.0	142.0	150.9	155.3	150.1	142.9	*137.5	*140.6	144.0	144.3
Equipment.....do	123.2	133.1	127.1	129.3	130.1	130.4	135.6	132.2	134.6	139.7	139.5	138.4	*137.0	*136.3	140.7	141.0
Intermediate products.....do	145.1	155.3	148.0	150.3	152.6	153.8	159.9	154.8	160.3	163.4	163.1	160.6	*154.5	*152.6	158.9	162.3
Materials.....do	136.9	146.5	140.6	142.1	146.1	147.0	149.7	142.2	146.8	149.8	152.9	152.7	*151.1	*150.1	154.9	157.2
By industry groupings:																
Mining and utilities.....do	136.2	141.6	139.9	136.3	137.0	136.4	142.4	145.5	147.2	144.5	141.4	141.2	*145.4	*148.0	145.5	142.9
Manufacturing.....do	137.1	145.7	139.6	142.1	145.1	145.1	149.7	141.2	146.9	153.0	154.1	151.1	*146.1	*146.0	152.3	154.4
Nondurable manufactures.....do	148.1	154.8	148.7	150.5	153.3	153.5	159.3	150.3	160.3	164.2	163.7	159.4	*151.7	*152.4	158.8	160.6
Durable manufactures.....do	129.5	139.3	133.2	136.3	139.5	139.2	143.0	135.1	137.7	145.3	147.5	145.2	*142.1	*141.4	147.8	150.2
Seasonally Adjusted																
Total index.....1967=100	137.1	145.2	139.2	140.9	143.2	143.9	144.9	146.1	147.1	147.8	148.7	149.6	*150.9	*150.9	151.0	152.2
By market groupings:																
Products, total.....do	137.1	144.3	139.6	141.6	143.0	143.1	144.0	145.0	146.2	146.5	147.0	147.7	*149.1	*149.4	149.7	150.7
Final products.....do	134.9	141.4	136.4	138.9	140.5	140.5	141.1	142.2	143.3	143.7	144.1	144.5	*145.6	*145.9	146.2	147.3
Consumer goods.....do	143.4	147.4	143.8	145.9	147.5	147.0	147.0	147.7	148.4	149.0	149.2	149.7	*150.6	*150.6	150.7	151.9
Durable consumer goods.....do	153.1	158.9	151.2	157.5	161.8	160.2	160.6	160.9	161.5	160.3	161.6	161.8	161.9	*160.9	161.0	164.1
Automotive products.....do	174.2	178.6	162.8	175.8	184.3	180.0	179.9	182.2	182.1	178.3	185.6	189.0	185.1	*181.5	179.1	185.4
Autos and utility vehicles.....do	169.2	172.5	153.9	171.0	182.7	175.6	174.3	176.7	175.6	170.0	180.5	185.0	179.3	*173.7	170.7	179.2
Autos.....do	148.4	148.5	131.5	149.7	159.1	151.6	149.8	152.7	151.1	144.4	154.2	159.7	151.8	145.9	144.9	153.7
Auto parts and allied goods.....do	186.8	194.0	185.3	188.5	188.2	191.5	193.9	196.1	198.0	199.8	199.1	199.0	200.1	*201.8	200.7	201.1
Home goods.....do	141.3	147.8	144.6	147.2	149.2	148.9	149.7	148.9	150.0	150.2	148.2	146.5	148.9	*149.2	151.0	152.2
Appliances, air cond., and TV.....do	127.3	132.5	133.3	135.3	142.2	138.9	139.0	133.7	133.9	134.4	128.7	123.4	129.1	*125.9	130.5	131.9
Carpeting and furniture.....do	152.2	164.3	160.2	159.3	158.9	163.4	166.0	168.5	167.9	169.0	168.0	164.9	166.8	170.1	171.2	171.2
Nondurable consumer goods.....do	139.6	142.8	140.8	141.3	141.8	141.7	141.6	142.4	143.1	144.4	144.3	144.8	146.2	*146.7	146.6	147.0
Clothing.....do	125.2	125.5	121.1	122.4	124.9	125.4	124.8	125.1	126.6	128.9	128.3	129.0	130.1	130.2	130.2	130.2
Consumer staples.....do	143.6	147.6	146.3	146.4	146.6	146.2	146.3	147.3	147.8	148.8	148.8	149.2	*150.6	*151.1	151.5	152.1
Consumer foods and tobacco.....do	135.5	140.1	138.3	138.7	140.8	139.9	139.0	140.2	140.8	141.2	140.4	141.0	*143.0	*142.6	143.1	143.1
Nonfood staples.....do	152.9	156.2	155.8	155.3	153.3	153.4	154.8	155.5	155.9	157.4	158.5	158.8	*159.6	*161.0	161.4	161.4
Equipment.....do	123.2	133.1	126.2	129.1	130.8	131.6	133.0	134.7	136.3	136.4	137.0	137.3	*138.7	*139.4	140.1	140.9
Business equipment.....do	149.2	162.0	154.2	157.4	159.3	160.2	161.8	163.8	165.4	165.8	166.9	167.2	*168.7	*169.7	170.1	171.0
Industrial equipment.....do	138.5	149.9	144.6	146.9	147.8	149.7	150.9	151.9	152.8	152.7	152.9	151.8	152.2	154.7	155.4	156.1
Building and mining equipment.....do	202.5	223.4	214.9	221.7	225.1	226.0	227.3	228.9	228.1	226.3	226.5	223.8	*222.3	*222.0	223.0	223.1
Manufacturing equipment.....do	113.9	121.9	117.7	118.3	119.0	121.3	122.8	122.6	123.9	124.4	125.0	124.2	124.7	*127.8	128.4	129.0
Commercial, transit, farm eq......do	161.6	176.0	165.5	169.4	172.6	172.3	174.4	177.5	179.9	180.8	182.9	184.9	*187.8	*186.8	186.9	188.4
Commercial equipment.....do	191.6	208.6	200.9	202.0	203.8	204.2	206.9	210.6	212.2	214.1	215.1	214.9	*217.1	*217.9	217.9	218.9
Transit equipment.....do	117.8	133.8	115.9	126.1	133.7	132.2	132.3	134.9	138.5	138.6	142.6	147.5	*151.0	*147.6	147.1	149.5
Defense and space equipment.....do	79.6	84.5	79.2	81.9	82.9	83.6	84.6	85.9	87.1	87.1	86.7	87.2	87.9	*88.7	89.8	90.1
Intermediate products.....do	145.1	155.3	151.4	151.4	152.1	152.6	154.7	155.6	156.4	157.0	158.0	159.3	*161.8	*162.3	162.9	163.4
Construction supplies.....do	140.8	153.3	148.6	147.9	148.5	150.4	152.1	153.5	154.7	155.6	157.0	159.0	*160.8	*161.2	161.7	162.0
Business supplies.....do	149.5	157.3	154.2	155.0	155.6	155.0	157.0	157.6	158.2	158.4	159.2	159.9	*162.7	*163.3	164.1	164.1
Materials																
Durable goods materials.....do	136.9	146.5	138.6	139.9	143.7	145.1	146.4	147.9	148.6	149.7	151.4	152.7	*153.8	*153.3	153.0	154.6
Durable consumer parts.....do	134.5	146.9	137.0	138.6	142.7	143.9	145.4	147.9	150.4	152.1	154.0	154.9	*156.8	*155.7	155.4	156.8
Equipment parts.....do	143.1	159.1	146.6	151.3	154.8	155.8	157.4	161.7	162.9	164.6	166.0	167.6	170.5	*147.8	171.4	172.5
Nondurable goods materials.....do	153.5	162.9	158.5	160.5	162.0	163.5	164.1	162.5	162.7	164.4	165.7	167.8	*167.1	*168.6	169.0	170.2
Textile, paper, and chemical.....do	158.3	167.9	162.8	165.7	166.4	167.9	168.8	168.3	167.0	170.0	171.0	173.3	*172.3	*174.0	174.7	176.2
Energy materials.....do	122.4	125.2	117.7	117.5	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	*129.6	128.3	127.8	130.1
By industry groupings:																
Mining and utilities.....do	136.2	141.6	137.7	138.2	140.9	140.9	142.5	142.6	142.5	142.1	144.1	144.5	*145.0	*143.5	143.1	144.3
Mining.....do	117.8	124.2	114.4	119.3	127.2	126.7	128.0	127.1	126.0	124.1	127.6	128.1	*127.6	*123.7	122.1	124.8
Metal mining.....do	105.4	121.0	119.9	127.6	122.3	120.0	121.1	117.0	117.9	115.6	122.1	125.3	*123.9	*123.0	124.3	124.3
Coal.....do	118.0	115.7	56.5	78.4	129.5	131.7	136.4	131.7	124.9	114.7	144.0	145.1	146.8	*116.0	104.0	124.0
Oil and gas extraction.....do	118.0	124.7	120.4	123.3	127.3	126.3	127.1	126.8	126.2	124.9	124.5	124.9	*123.8	123.0	122.2	122.8
Crude oil.....do	92.4	96.8	92.7	94.0	99.4	95.4	97.3	97.8	97.7	97.6	97.1	98.0	98.3	98.2	95.6	95.6
Natural gas.....do	110.4	109.1	108.7	109.9	107.6	112.2	113.2	112.6	110.5	106.0	106.6	106.4	107.1	107.1	106.4	106.4
Stone and earth minerals.....do	124.9	131.1	129.1	128.2	128.9	130.1	130.7	131.3	131.6	133.8	134.0	132.9	134.2	*136.3	136.5	136.5
Utilities.....do	156.5	161.0	163.5	159.5	156.0	157.0	158.6	159.9	160.8	162.3	162.4	162.9	*164.3	*165.7	166.6	166.2
Electric.....do	175.5	182.2	184.3	178.8	175.0	177.1	180.1	182.1	183.2	184.4	184.1	185.0	186.6	186.6	186.6	186.6
Manufacturing																
Nondurable manufactures.....do	148.1	154.8	150.6	151.4	153.2	154.0	154.9	155.0	155.6	157.1	157.4	158.5	*157.2	*160.6	160.6	161.5
Foods.....do	137.9	142.9	140.8	141.1	143.1	142.8	141.8	142.9	144.0	144.4	143.2	144.2	*145.7	*145.8	146.2	146.2
Meat products.....do	114.0	113.8	117.9	113.8	116.1											

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

GENERAL BUSINESS INDICATORS—Continued

INDUSTRIAL PRODUCTION†—Continued																
Federal Reserve Board Index of Quantity Output—Continued																
Seasonally Adjusted—Continued																
By industry groupings—Continued																
Manufacturing—Continued																
Durable manufactures.....1967=100	129.5	139.3	131.5	134.4	136.9	137.6	139.0	141.1	142.2	142.8	144.0	144.8	*146.4	*146.1	146.3	147.7
Ordnance, pvt. and govt.....do	73.9	73.7	71.2	72.7	73.0	74.3	74.7	75.2	75.2	74.3	73.9	73.6	*74.2	*73.4	73.5	73.1
Lumber and products.....do	133.4	138.9	135.5	136.5	136.9	136.5	138.7	138.1	136.9	139.2	141.2	142.5	*146.0	*143.0	140.2	143.0
Lumber.....do	110.6	110.8	108.9	103.7	109.9	106.0	110.6	112.8	106.4	113.6	112.1	113.3	125.4	106.1	-----	-----
Furniture and fixtures.....do	140.9	154.7	150.1	149.5	148.9	152.8	156.2	158.1	159.0	160.7	160.9	157.6	156.7	*161.7	162.3	-----
Clay, glass, and stone products.....do	146.1	159.2	152.6	154.2	156.7	157.9	159.8	158.8	159.5	160.9	162.1	166.3	167.7	*168.6	168.6	-----
Primary metals.....do	110.2	119.0	106.2	106.1	114.3	115.5	117.5	123.0	126.0	127.9	128.6	129.0	*130.4	*122.8	122.5	124.9
Iron and steel.....do	103.4	113.2	96.3	96.4	109.0	110.5	114.5	119.0	120.9	123.2	123.8	124.1	*124.5	*113.4	113.5	-----
Basic iron and steel.....do	97.4	104.8	89.7	88.2	97.4	104.7	109.4	110.5	114.7	115.2	115.3	114.3	111.7	*101.0	101.6	-----
Steel mill products.....do	105.3	119.4	98.0	99.8	116.9	118.1	122.9	133.6	123.1	129.0	130.4	127.6	134.4	*110.5	112.7	-----
Nonferrous metals.....do	122.4	130.0	124.0	123.9	124.7	124.8	123.2	129.5	137.5	136.6	136.4	137.6	*140.8	*139.8	136.0	-----
Fabricated metal products.....do	130.9	142.6	136.9	138.1	139.5	140.4	142.3	144.0	145.8	146.3	146.0	146.9	149.0	*151.0	151.7	152.5
Nonelectrical machinery.....do	144.8	155.6	150.1	151.5	152.2	152.9	154.6	156.1	157.3	158.7	160.3	160.3	161.8	*163.7	164.4	165.3
Electrical machinery.....do	141.9	154.3	146.4	149.5	152.3	152.9	154.1	157.9	156.9	158.3	157.9	159.0	161.9	*163.9	165.1	166.4
Transportation equipment.....do	121.1	130.5	118.4	126.5	130.5	130.1	130.4	132.1	133.4	132.8	137.0	139.3	*139.5	*137.6	136.9	140.3
Motor vehicles and parts.....do	159.7	168.3	153.1	165.1	171.7	168.3	167.7	169.7	171.0	168.9	176.8	180.8	*179.7	*174.4	171.4	177.1
Aerospace and misc. trans. eq.....do	84.7	94.9	85.8	90.1	91.8	93.9	95.0	96.5	98.3	98.9	99.6	100.2	101.7	*103.0	104.5	105.7
Instruments.....do	159.1	171.6	163.5	168.7	170.5	169.8	170.9	172.2	175.4	174.6	175.3	176.2	179.5	*180.4	181.1	182.5
BUSINESS SALES §																
Mfg. and trade sales (unadj.), total †⊕Δ.....mil. \$	2,701,195	3,056,727	225,715	252,889	251,465	259,345	266,617	241,588	262,970	263,677	273,756	271,127	276,786	*250,308	258,959	-----
Mfg. and trade sales (seas. adj.), total †⊕Δ.....mil. \$	2,701,195	3,056,727	239,609	243,979	251,323	252,259	253,459	252,755	260,068	260,535	266,946	270,134	273,776	*273,235	274,702	-----
Manufacturing, total †⊕.....do	2,133,072	2,150,804	118,982	121,101	124,537	123,566	124,839	123,039	127,871	127,919	130,614	132,424	135,035	*135,232	136,283	-----
Durable goods industries.....do	699,193	803,082	63,977	64,457	66,493	65,417	66,293	64,847	68,684	68,916	70,292	71,635	73,429	*73,197	73,818	-----
Nondurable goods industries.....do	635,879	700,722	56,905	56,644	58,044	58,149	58,546	58,192	59,187	59,003	60,322	60,789	61,606	*62,035	62,465	-----
Retail trade, total Δ.....do	272,420	279,818	62,898	64,075	65,146	65,522	65,964	66,224	67,303	68,085	68,971	70,158	70,918	*70,855	71,097	-----
Durable goods stores.....do	247,832	277,916	21,244	21,813	22,617	22,730	22,947	23,049	23,617	23,872	24,422	24,954	25,163	*25,250	24,949	-----
Nondurable goods stores.....do	476,188	520,902	41,654	42,262	42,529	42,792	43,017	43,175	43,686	44,213	44,549	45,204	45,755	*45,605	46,148	-----
Merchant wholesalers, total Δ.....do	264,214	275,410	57,729	58,803	61,640	63,171	62,656	63,425	64,894	64,531	67,338	67,552	67,823	*67,148	67,322	-----
Durable goods establishments.....do	285,605	349,916	26,981	27,419	28,831	28,627	28,741	29,859	30,043	29,863	30,953	31,498	31,939	*31,012	31,487	-----
Nondurable goods establishments.....do	356,498	404,189	30,748	31,384	32,809	34,544	33,915	33,566	34,851	34,668	36,385	36,054	35,884	*36,136	35,835	-----
BUSINESS INVENTORIES §																
Mfg. and trade inventories, book value, end of year or month (unadj.), total †⊕Δ.....mil. \$	336,821	377,511	345,395	352,902	356,913	358,701	359,422	359,884	361,772	365,748	374,553	381,342	377,511	*383,173	389,102	-----
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total †⊕Δ.....mil. \$	337,832	379,391	343,932	349,201	354,332	357,401	360,355	363,432	367,044	369,526	372,639	376,596	379,391	*383,944	387,452	-----
Manufacturing, total †⊕.....do	179,714	197,802	182,393	183,860	185,715	187,689	189,557	191,167	192,882	194,063	195,735	196,587	197,802	*200,662	203,265	-----
Durable goods industries.....do	115,424	129,141	117,511	118,725	119,848	121,471	122,688	123,830	125,206	126,176	126,784	128,357	129,141	*131,542	133,794	-----
Nondurable goods industries.....do	64,290	68,661	64,882	65,135	65,867	66,218	66,869	67,337	67,676	67,887	67,951	68,230	68,661	*69,120	69,471	-----
Retail trade, total Δ.....do	90,120	100,818	91,214	92,712	94,290	94,933	95,607	96,521	97,824	98,350	99,279	100,483	100,818	*101,739	101,000	-----
Durable goods stores.....do	43,414	48,161	44,436	44,624	45,619	45,525	45,502	45,704	46,116	46,444	47,006	47,555	48,161	*49,302	49,411	-----
Nondurable goods stores.....do	46,706	52,657	46,778	48,088	48,671	49,408	50,105	50,817	51,708	51,906	52,273	52,928	52,657	*52,437	51,589	-----
Merchant wholesalers, total Δ.....do	67,998	80,771	70,325	72,629	74,327	74,779	75,191	75,744	76,338	77,113	78,625	79,526	80,771	*81,543	83,187	-----
Durable goods establishments.....do	44,368	52,460	45,738	46,871	47,677	48,319	48,756	49,414	49,972	50,160	50,948	51,625	52,460	*52,490	53,679	-----
Nondurable goods establishments.....do	23,630	28,311	24,587	25,758	26,650	26,460	26,435	26,330	26,366	26,953	27,677	27,901	28,311	*29,053	29,508	-----
BUSINESS INVENTORY-SALES RATIOS																
Manufacturing and trade, total †⊕Δ.....ratio	1.44	1.41	1.44	1.43	1.41	1.42	1.42	1.44	1.41	1.42	1.40	1.39	1.39	1.41	1.41	-----
Manufacturing, total †⊕.....do	1.58	1.51	1.53	1.52	1.49	1.52	1.52	1.55	1.51	1.52	1.49	1.48	1.46	1.48	1.49	-----
Durable goods industries.....do	1.93	1.83	1.86	1.84	1.80	1.86	1.85	1.90	1.82	1.83	1.80	1.79	1.76	*1.80	1.81	-----
Materials and supplies.....do	.65	.59	.61	.60	.58	.60	.60	.61	.59	.60	.58	.58	.56	.57	.57	-----
Work in process.....do	.78	.77	.77	.77	.76	.78	.78	.81	.78	.77	.77	.77	.76	.77	.78	-----
Finished goods.....do	.49	.47	.48	.48	.46	.47	.47	.48	.46	.46	.45	.45	.44	.45	.46	-----
Nondurable goods industries †⊕.....do	1.19	1.14	1.16	1.15	1.13	1.14	1.14	1.16	1.14	1.15	1.13	1.12	1.11	*1.11	1.11	-----
Materials and supplies.....do	.48	.44	.45	.44	.44	.44	.45	.44	.44	.44	.43	.43	.43	.44	.44	-----
Work in process.....do	.19	.18	.18	.18	.18	.18	.18	.18	.17	.18	.18	.18	.17	.18	.18	-----
Finished goods.....do	.53	.52	.52	.52	.51	.52	.52	.53	.53	.53	.51	.51	.51	.51	.50	-----
Retail trade, total Δ.....do	1.40	1.44	1.45	1.45	1.45	1.45	1.45	1.46	1.45	1.44	1.44	1.43	1.42	*1.44	1.42	-----
Durable goods stores.....do	1.97	1.97	2.09	2.05	2.02	2.00	1.98	1.98	1.95	1.95	1.92	1.91	1.91	*1.95	1.98	-----
Nondurable goods stores.....do	1.11	1.15	1.12	1.14	1.14	1.15	1.16	1.18	1.18	1.17	1.17	1.17	1.15	*1.15	1.12	-----
Merchant wholesalers, total Δ.....do	1.21	1.19	1.22	1.24	1.21	1.18	1.20	1.19	1.18	1.19	1.17	1.18	1.19	*1.21	1.24	-----
Durable goods establishments.....do	1.73	1.67	1.70	1.71	1.65	1.69	1.70	1.65	1.66	1.68	1.65	1.64	1.64	*1.69	1.70	-----
Nondurable goods establishments.....do	.80	.78	.80	.82	.81	.77	.78	.78	.76	.78	.76	.77	.79	*.80	.82	-----
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Manufacturers' export sales: ○																
Durable goods industries:																
Unadjusted, total.....mil. \$	66,765		*6,252	6,298	6,378	6,386	6,673	5,716	6,033	6,813	6,867	6,940	6,919	6,151	6,588	-----
Seasonally adj., total.....do			*6,146	5,978	6,240	6,249	6,092	6,406	6,666	6,932	6,643	6,847	6,640	7,030	6,482	-----
Shipments (not seas. adj.), total †⊕.....do	1,335,072	1,503,804	119,337	125,225	127,014	125,144	131,727	114,380	126,166	133,527	136,055</					

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Annual	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 (not seas. adj.)†—Continued																
Durable goods industries†—Continued																
Fabricated metal products.....mil. \$	85,255	96,090	7,457	7,919	8,184	8,110	8,510	7,158	8,393	8,637	8,605	8,436	8,324	*7,951	8,662	-----
Machinery, except electrical.....do	119,008	138,400	11,039	11,860	11,685	11,259	12,453	10,446	11,074	12,346	12,384	11,828	12,741	*11,429	13,253	-----
Electrical machinery.....do	85,759	98,676	7,826	8,175	8,119	7,848	8,627	7,271	8,273	9,026	8,987	8,699	8,710	*8,134	9,141	-----
Transportation equipment.....do	170,739	192,697	15,313	16,675	17,087	16,833	17,540	13,185	13,858	16,958	18,125	17,944	16,039	16,917	*18,028	*20,108
Motor vehicles and parts.....do	117,758	132,207	10,600	11,641	11,920	11,780	12,035	8,645	9,141	11,290	12,987	12,532	10,566	*11,748	12,579	-----
Instruments and related products.....do	28,570	31,260	2,359	2,661	2,522	2,575	2,826	2,390	2,716	2,890	2,857	2,841	2,741	*2,458	2,695	-----
Nondurable goods industries, total †	635,879	700,722	56,571	57,752	58,525	57,787	59,888	55,084	60,175	61,639	62,464	60,996	58,720	*58,294	63,181	-----
Food and kindred products.....do	191,887	214,489	17,487	17,694	17,539	17,778	18,204	16,983	18,209	18,674	19,291	18,831	18,733	*17,750	19,404	-----
Tobacco products.....do	9,589	10,941	800	876	903	835	1,003	821	968	939	1,043	1,014	941	*991	915	-----
Textile mill products.....do	40,821	43,951	3,562	3,691	3,912	3,743	3,818	3,100	3,744	3,901	3,990	3,783	3,491	*3,519	3,612	-----
Paper and allied products.....do	52,368	57,654	4,666	4,775	4,759	4,808	5,066	4,592	5,007	4,066	5,157	5,061	4,573	*4,737	5,397	-----
Chemical and allied products.....do	113,891	126,483	10,309	11,010	11,434	11,841	11,161	9,605	10,241	10,961	10,701	10,432	10,422	*10,523	11,545	-----
Petroleum and coal products.....do	95,656	103,187	8,151	8,019	8,207	8,273	8,721	8,679	8,926	9,118	8,781	8,952	9,335	*9,052	9,547	-----
Rubber and plastics products.....do	36,955	39,930	3,260	3,400	3,462	3,306	3,491	3,001	3,544	3,522	3,342	3,321	3,021	*3,337	3,854	-----
Shipments (seas. adj.), total †	118,982	121,101	124,537	123,566	124,839	123,106	127,871	127,910	130,637	132,424	135,025	135,232	136,283	135,232	136,283	-----
By industry group:																
Durable goods industries, total †																
Stone, clay, and glass products.....do	63,077	64,457	66,493	65,417	66,293	65,222	68,684	68,016	70,292	71,635	73,429	73,253	74,229	*73,253	74,229	*76,692
Primary metals.....do	3,341	3,396	3,657	3,710	3,710	3,710	3,644	3,791	3,725	3,884	3,852	3,943	3,667	*3,667	3,711	-----
Blast furnaces, steel mills.....do	9,591	9,310	9,824	9,628	9,860	9,905	10,346	10,241	10,862	10,868	11,425	10,943	11,749	*10,943	11,749	*12,104
Nonferrous and other primary met.....do	4,932	4,683	4,968	4,942	5,062	5,030	5,064	5,154	5,534	5,273	5,876	5,120	5,716	*5,120	5,716	-----
Fabricated metal products.....do	3,698	3,680	3,834	3,640	3,786	3,823	4,267	4,086	4,253	4,464	4,374	4,464	4,374	*4,655	4,775	-----
Machinery, except electrical.....do	7,582	7,848	8,013	7,880	7,899	7,539	8,241	8,200	8,152	8,639	8,639	8,639	8,639	*8,755	8,814	-----
Electrical machinery.....do	10,778	10,964	11,364	11,091	11,425	11,454	11,831	12,062	12,371	12,320	12,792	12,792	12,792	*12,399	12,946	-----
Transportation equipment.....do	7,713	7,979	8,110	7,929	8,167	8,071	8,495	8,509	8,526	8,519	8,778	8,519	8,778	*8,778	9,001	-----
Motor vehicles and parts.....do	15,176	15,676	16,288	15,971	15,887	15,510	16,324	16,738	16,674	17,473	17,227	17,227	17,227	*18,645	17,751	*18,661
Instruments and related products.....do	10,490	10,869	11,291	11,138	10,803	10,670	11,237	11,012	11,684	11,991	11,891	11,891	11,891	*12,573	12,328	-----
Nondurable goods industries, total †	2,441	2,630	2,569	2,602	2,674	2,579	2,714	2,716	2,715	2,761	2,715	2,761	2,715	*2,706	2,790	-----
Food and kindred products.....do	55,905	56,644	58,044	58,149	58,546	57,884	59,187	59,003	60,345	60,789	61,606	61,606	62,035	*62,035	62,465	-----
Tobacco products.....do	17,343	17,747	17,775	18,015	17,844	17,599	18,122	17,853	18,540	18,595	19,133	19,133	19,133	*18,602	19,288	-----
Textile mill products.....do	840	898	928	821	960	824	921	933	1,046	988	935	935	935	*1,038	961	-----
Paper and allied products.....do	3,583	3,486	3,976	3,697	3,606	3,639	3,706	3,657	3,752	3,684	3,649	3,649	3,649	*3,869	3,621	-----
Chemical and allied products.....do	4,593	4,719	4,750	4,796	4,815	4,861	4,859	4,812	5,051	5,109	4,866	4,866	4,866	*4,954	5,309	-----
Petroleum and coal products.....do	10,983	10,277	10,597	10,433	10,719	10,399	10,188	10,450	10,673	10,942	11,451	11,590	11,590	*11,590	11,316	-----
Rubber and plastics products.....do	7,953	8,158	8,239	8,443	8,590	8,600	8,863	9,040	8,837	8,980	9,298	9,298	9,298	*9,140	9,322	-----
By market category:†	3,219	3,226	3,314	3,235	3,283	3,258	3,515	3,426	3,483	3,552	3,517	3,517	3,517	*3,653	3,801	-----
Home goods and apparel.....do	102,713	114,584	9,147	9,190	9,611	9,395	9,532	9,291	9,809	9,820	9,998	9,964	9,756	*9,890	9,754	-----
Consumer staples.....do	244,028	270,805	21,969	22,217	22,840	22,554	22,544	22,300	22,855	22,658	23,233	23,542	23,046	*23,689	24,156	-----
Equipment and defense prod., excl. auto.....do	177,735	204,274	15,711	16,209	16,541	16,300	16,968	16,838	17,006	18,277	17,958	18,303	18,714	*18,908	19,058	-----
Automotive equipment.....do	137,605	153,752	12,261	12,690	13,160	12,917	12,563	12,340	12,963	12,856	13,543	13,871	13,731	*14,614	14,235	-----
Construction materials and supplies.....do	109,361	130,038	9,935	10,276	10,653	10,651	10,786	10,605	11,200	11,062	11,379	11,731	12,005	*11,399	11,536	-----
Other materials and supplies.....do	563,630	630,351	50,054	50,519	52,092	51,749	52,445	51,732	53,438	53,246	54,526	55,103	56,880	*56,713	57,544	-----
Supplementary series:																
Household durables.....do	45,015	51,490	3,951	4,296	4,369	4,133	4,155	4,447	4,353	4,503	4,437	4,469	4,469	*4,404	4,494	*4,618
Capital goods industries.....do	205,263	238,514	18,539	18,978	19,536	19,058	19,653	19,574	20,409	21,290	20,744	21,191	21,833	*22,162	21,873	*23,088
Nondefense.....do	173,723	204,397	15,690	16,095	16,998	16,257	16,782	16,819	17,598	18,357	17,882	18,284	18,538	*19,087	18,998	*19,856
Defense.....do	31,540	34,117	2,769	2,883	2,988	2,801	2,871	2,755	2,811	2,933	2,762	2,907	2,933	*3,075	2,875	*3,182
Inventories, end of year or month:†																
Book value (unadjusted), total.....do	180,118	198,062	184,450	185,448	186,844	188,499	188,846	189,439	191,281	191,875	193,494	195,912	198,062	*202,518	205,550	-----
Durable goods industries, total.....do	114,862	128,448	118,704	119,969	120,963	122,540	122,891	123,160	124,430	124,903	125,583	127,236	128,448	*132,131	135,137	-----
Nondurable goods industries, total.....do	65,256	69,614	65,746	65,479	65,881	65,959	65,955	66,279	66,851	66,972	67,911	68,676	69,614	*70,387	70,413	-----
Book value (seasonally adjusted), total.....do	179,714	197,802	182,393	183,860	185,715	187,689	189,557	191,167	192,882	194,063	194,735	196,587	197,802	*200,662	203,265	-----
By industry group:																
Durable goods industries, total †																
Stone, clay, and glass products.....do	115,424	129,141	117,511	118,725	119,848	121,471	122,688	123,830	125,206	126,176	126,784	128,357	129,141	*131,542	133,794	-----
Primary metals.....do	4,259	4,825	4,510	4,530	4,518	4,570	4,569	4,606	4,688	4,740	4,699	4,732	4,825	*4,946	5,084	-----
Blast furnaces, steel mills.....do	17,779	18,035	17,185	16,828	16,940	17,060	17,209	17,335	17,540	17,678	17,751	18,118	18,035	*17,838	17,707	-----
Nonferrous and other primary met.....do	9,782	9,914	9,089	8,721	8,824	8,879	8,978	9,126	9,384	9,523	9,613	9,961	9,914	*9,842	9,836	-----
Fabricated metal products.....do	6,826	6,895	6,912	6,893	6,901	6,974	7,000	6,987	6,953	6,931	6,937	6,919	6,895	*6,761	6,659	-----
Machinery, except electrical.....do	14,760	16,799	15,225	15,573	15,874	15,992	16,130	16,813	16,425	16,374	16,706	16,598	16,799	*17,063	17,441	-----
Electrical machinery.....do	26,379	31,037	26,924	27,400	27,757	28,279	28,766	29,062	29,374	29,707	30,048	30,257	31,037	*31,454	31,931	-----
Transportation equipment.....do	15,433	17,025	15,703	16,023	16,188	16,445	16,628	16,758	16,860	17,023	16,959	17,120	17,025	*17,565	17,706	-----
Motor vehicles and parts.....do	21,258	23,908	21,867	22,224	22,264	22,743	22,784	23,010	23,400	23,614	23,425	24,016	23,908	*24,848	25,795	-----
Instruments and related products.....do	7,851	7,668	8,022	8,019	7,919	8,037	8,003	7,828	8,232	8,500	7,817	8,196	7,668	*8,413	8,870	

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

GENERAL BUSINESS INDICATORS—Continued

MANUFACTURERS' SALES, INVENTORIES, AND ORDERS†—Continued															
Inventories, end of year or month†—Continued															
Book value (seasonally adjusted)—Continued															
By market category:†															
Home goods and apparel.....mil. \$	15,340	16,874	15,848	15,947	16,066	16,183	16,276	16,707	16,859	16,887	16,618	16,679	16,874	17,274	26,537
Consumer staples.....do	23,942	26,429	23,902	24,157	24,621	24,928	25,407	25,366	25,511	25,919	25,990	26,271	26,429	26,537	26,638
Equip. and defense prod., excl. auto.....do	42,836	50,355	43,869	44,645	45,228	46,155	46,701	47,339	47,790	48,255	48,907	49,229	50,355	51,186	52,070
Automotive equipment.....do	10,108	9,983	10,276	10,256	10,129	10,297	10,265	10,106	10,510	10,751	10,066	10,474	9,983	10,738	11,211
Construction materials and supplies.....do	14,935	16,963	15,720	15,853	16,059	16,091	16,293	16,299	16,372	16,503	16,731	16,828	16,963	17,290	17,768
Other materials and supplies.....do	72,553	77,198	72,778	73,002	73,612	73,035	74,555	75,350	75,840	75,748	76,423	77,106	77,198	77,637	78,325
Supplementary series:															
Household durables.....do	7,771	8,595	8,053	8,116	8,188	8,301	8,307	8,574	8,635	8,678	8,559	8,590	8,595	8,800	8,674
Capital goods industries.....do	46,677	55,326	47,824	48,772	49,518	50,512	51,399	52,112	52,620	53,007	53,839	54,390	55,326	56,419	57,390
Nondefense.....do	40,294	48,155	41,188	42,151	42,780	43,610	44,583	45,227	45,743	46,246	46,905	47,422	48,155	49,017	49,869
Defense.....do	6,383	7,171	6,636	6,621	6,738	6,863	6,816	6,885	6,877	6,761	6,932	6,968	7,171	7,402	7,521
New orders, net (not seas. adj.), total †.....do	1,354,099	1,551,160	123,022	129,668	130,899	128,665	134,171	117,023	129,873	136,129	143,141	136,618	132,396	132,600	145,067
Durable goods industries, total.....do	717,537	848,932	66,343	71,712	71,890	70,723	74,237	61,702	69,713	74,520	80,752	75,518	73,650	74,457	81,730
Non-durable goods industries, total.....do	636,562	702,228	56,679	57,956	59,009	57,942	59,934	55,321	60,160	61,609	62,389	61,055	58,746	58,208	63,718
New orders, net (seas. adj.), total †.....do	1,354,099	1,551,160	122,544	125,801	128,175	128,450	127,580	123,279	130,952	131,840	137,185	137,662	140,356	142,461	144,482
By industry group:															
Durable goods industries, total†.....do	717,537	848,932	66,681	69,016	70,033	70,045	68,840	65,187	71,582	72,645	76,984	76,654	78,623	80,732	82,007
Primary metals.....do	105,968	128,002	9,946	10,228	10,308	10,754	10,428	10,095	10,876	11,233	11,722	11,092	11,806	14,991	13,042
Blast furnaces, steel mills.....do	53,394	65,307	5,302	5,376	5,331	5,845	5,451	5,151	5,184	5,764	5,917	5,527	5,709	7,583	6,946
Nonferrous and other primary met.....do	41,360	49,653	3,611	3,850	3,957	3,811	3,954	3,850	4,504	4,365	4,647	4,318	4,827	5,212	4,712
Fabricated metal products.....do	85,609	98,913	8,019	7,826	8,778	8,023	7,736	7,524	8,294	8,196	8,524	8,804	9,527	9,447	9,117
Machinery, except electrical.....do	122,489	144,166	11,482	11,573	11,536	11,872	11,477	11,669	11,830	12,708	13,234	13,099	13,273	13,458	13,457
Electrical machinery.....do	88,241	103,216	8,460	8,319	8,626	8,352	8,239	7,902	8,730	8,919	8,988	8,960	9,285	9,740	10,114
Transportation equipment.....do	178,617	216,473	16,392	18,085	17,721	18,019	17,953	15,226	18,516	18,536	20,553	20,916	20,167	20,121	20,340
Aircraft, missiles, and parts.....do	42,420	60,110	4,162	4,221	4,943	4,832	5,677	3,298	5,460	5,412	5,594	6,949	5,928	5,389	7,813
Non-durable goods industries, total.....do	636,562	702,228	55,863	56,785	58,142	58,405	58,740	58,092	59,370	59,195	60,201	61,008	61,733	61,794	62,847
Industries with unfilled orders⊕.....do	139,673	153,795	12,047	12,412	12,880	12,971	12,934	13,070	13,208	12,866	12,986	13,273	13,184	13,078	13,731
Industries without unfilled orders⊖.....do	496,889	548,433	43,816	44,373	45,262	45,434	45,806	45,022	46,162	46,329	47,215	47,735	48,549	48,716	49,116
By market category:†															
Home goods and apparel.....do	103,442	114,499	9,222	9,160	9,735	9,422	9,398	9,177	9,955	9,938	9,808	9,797	9,704	10,086	10,028
Consumer staples.....do	244,051	270,832	21,984	22,222	22,534	22,549	22,526	22,350	22,840	22,626	23,211	23,446	23,933	23,653	24,165
Equip. and defense prod., excl. auto.....do	186,752	229,717	17,822	18,802	18,423	19,295	18,317	16,204	19,485	20,281	21,709	21,165	20,555	20,680	23,379
Automotive equipment.....do	138,805	155,810	12,521	12,895	13,171	13,018	12,612	12,209	13,000	13,132	13,947	14,261	14,281	14,823	14,477
Construction materials and supplies.....do	110,261	131,327	10,417	10,397	11,218	10,600	10,690	10,437	10,986	10,714	11,640	11,551	12,428	11,684	11,670
Other materials and supplies.....do	570,788	648,975	50,673	52,325	53,094	53,556	54,037	52,902	54,686	55,149	56,870	57,442	58,608	61,466	60,763
Supplementary series:															
Household durables.....do	45,733	51,408	3,998	4,262	4,513	4,150	4,263	4,039	4,563	4,456	4,295	4,320	4,446	4,593	4,651
Capital goods industries.....do	216,849	268,762	20,538	21,992	21,440	22,202	21,592	19,355	22,701	23,667	25,455	25,234	24,629	27,288	25,594
Nondefense.....do	182,413	225,770	17,882	17,507	17,409	18,124	18,155	17,074	19,344	20,149	22,219	20,575	20,790	22,058	22,271
Defense.....do	34,436	42,992	2,656	4,485	4,031	4,078	3,437	2,281	3,357	3,518	3,236	4,659	4,301	5,229	4,018
Unfilled orders, end of year or month (unadjusted), total.....mil. \$	193,029	240,483	200,807	205,248	209,132	212,654	215,098	217,738	221,444	224,149	231,261	235,753	240,483	248,396	256,680
Durable goods industries, total.....do	184,482	230,324	191,804	196,039	199,549	202,915	205,310	207,714	211,434	214,067	221,233	225,619	230,324	238,332	246,051
Non-dur. goods ind. with unfilled orders⊕.....do	8,547	10,159	9,003	9,209	9,583	9,739	9,788	10,024	10,010	10,082	10,128	10,134	10,159	10,075	10,609
Unfilled orders, end of year or month (seasonally adjusted) total.....mil. \$	193,659	240,483	200,798	205,500	209,133	214,010	216,754	216,922	219,999	223,921	230,464	235,704	241,025	248,257	256,449
By industry group:															
Durable goods industries, total ⊕.....do	184,834	230,554	191,798	196,359	199,895	204,516	207,067	207,026	209,922	213,650	220,341	225,361	230,554	238,036	245,812
Primary metals.....do	18,513	26,216	19,948	20,866	21,349	22,476	23,043	23,232	23,760	24,753	25,612	25,834	26,216	29,465	30,758
Blast furnaces, steel mills.....do	11,852	16,662	12,096	13,689	14,052	14,955	15,344	15,464	15,583	16,193	16,576	16,829	16,662	19,125	20,356
Nonferrous and other primary met.....do	5,350	7,450	5,526	5,696	5,819	5,990	6,158	6,184	6,421	6,750	7,143	6,997	7,450	8,008	7,946
Fabricated metal products.....do	23,203	26,005	24,233	24,213	24,976	25,118	24,956	24,941	24,993	24,990	25,361	25,526	26,005	26,698	27,000
Machinery, except electrical.....do	47,221	53,039	48,434	49,044	49,219	50,001	50,055	50,268	50,268	50,912	51,776	52,588	53,039	54,167	54,675
Electrical machinery.....do	25,833	30,413	27,186	27,526	28,031	28,455	28,529	28,558	28,594	29,006	29,466	29,910	30,413	31,232	32,344
Transportation equipment.....do	60,527	83,994	67,072	64,480	65,915	67,693	70,729	69,745	71,938	73,733	77,612	81,052	83,994	85,471	90,059
Aircraft, missiles, and parts.....do	41,275	59,613	42,502	43,396	44,988	46,608	48,026	48,751	50,650	51,964	54,210	57,397	59,613	60,788	65,153
Non-dur. goods ind. with unfilled orders⊖.....do	8,825	10,471	9,000	9,141	9,238	9,494	9,687	9,896	10,077	10,271	10,123	10,343	10,471	10,230	10,611
By market category:†															
Home goods, apparel, consumer staples.....do	4,091	4,025	4,309	4,285	4,457	4,483	4,329	4,266	4,396	4,482	4,270	4,098	4,025	4,238	4,520
Equip. and defense prod., incl. auto.....do	110,488	137,784	114,527	117,326	119,221	122,906	123,708	122,938	124,857	127,137	131,291	134,544	137,784	139,764	144,321
Construction materials and supplies.....do	18,765	20,043	19,731	19,852	20,417	20,360	20,269	20,102	19,888	19,539	19,800	19,621	20,043	20,327	20,462
Other materials and supplies.....do	60,315	79,173	62,231	64,037	65,038	66,555	68,448	69,616	70,858	72,763	75,103	77,441	79,173	83,928	87,146
Supplementary series:															
Household durables.....do	3,389	3,299	3,520	3,486	3,625	3,644	3,546	3,431	3,546	3,649	3,442	3,326	3,299	3,490	3,644
Capital goods industries.....do	120,899	150,853	124,288	127,402	129,310	132,453	134,393	134,172	136,464	138,841	143,550	147,596	150,853	153,513	158,926
Nondefense.....do	83,893	107,041	89,301	90,712	91,528	93,395	94,768	95,021	96,767	98,560	102,795	105,088	107,041	110,014	114,286
Defense.....do	35,006	43,812	35,087	36,690	37,782	39,058	39,625	39,151	39,697	40,281	40,755	42,508	43,812	43,999	44,640
BUSINESS INCORPORATIONS⊙															
New incorporations (50 States and Dist. Col.):	</														

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978												1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS [‡]																
Prices received, all farm products.....1910-14=100..	457	524	482	500	520	536	543	536	526	538	544	538	555	579	* 602	615
Crops ⁹.....do.....	432	456	427	442	465	476	485	478	457	458	452	452	461	470	* 485	482
Commercial vegetables.....do.....	499	512	512	497	662	576	566	509	441	455	442	457	542	638	* 700	620
Cotton.....do.....	511	465	434	432	441	454	463	477	485	475	503	516	490	473	* 458	445
Feed grains and hay.....do.....	316	320	313	325	337	348	342	324	307	302	302	309	319	322	* 330	327
Food grains.....do.....	275	336	320	328	344	340	337	335	337	336	343	349	347	346	* 344	347
Fruit.....do.....	370	516	443	459	441	511	593	595	564	634	560	483	471	482	* 519	546
Tobacco.....do.....	972	1,060	1,021	1,006	1,017	1,018	1,017	1,030	1,078	1,144	1,107	1,115	1,138	1,134	* 1,124	1,120
Livestock and products ⁹.....do.....	481	593	539	560	576	597	603	597	598	621	639	627	653	693	* 726	754
Dairy products.....do.....	594	647	624	624	618	612	612	618	642	667	691	709	722	728	* 728	722
Meat animals.....do.....	564	754	661	700	730	779	789	763	765	796	830	792	829	904	* 964	1,018
Poultry and eggs.....do.....	228	242	235	238	245	237	238	258	243	247	238	248	260	264	* 269	276
Prices paid:																
All commodities and services.....do.....	591	638	610	621	629	637	640	642	643	650	655	658	664	676	688	705
Family living items.....do.....	573	616	593	598	602	608	613	620	624	628	632	638	641	644	650	657
Production items.....do.....	579	626	597	611	620	630	631	631	629	638	643	645	652	668	683	704
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100..	687	744	717	728	736	744	747	749	750	757	761	764	770	796	808	825
Parity ratio [§]do.....	66	70	67	69	71	72	73	72	70	71	71	71	72	73	* 75	75
CONSUMER PRICES [†] (U.S. Department of Labor Indexes) Not Seasonally Adjusted																
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W) [†] 1967=100..	181.5	195.3	188.4	189.7	191.4	193.3	195.3	196.7	197.7	199.1	200.7	201.8	202.9	204.7	207.1	209.3
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U) [†] 1967=100..	181.5	195.4	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	204.7	207.1	209.1
Special group indexes:																
All items less shelter.....do.....	179.1	191.3	185.0	186.3	188.1	189.9	191.8	192.7	193.5	194.5	195.8	196.7	197.8	199.5	201.6	203.7
All items less food.....do.....	178.4	191.2	184.7	185.9	187.4	189.0	190.6	192.0	193.3	195.1	196.7	197.8	198.6	199.8	201.8	203.8
All items less medical care.....do.....	180.3	194.0	186.9	188.3	190.1	191.9	193.9	195.3	196.3	197.9	199.4	200.5	201.5	203.2	205.5	207.6
Commodities.....do.....	174.7	187.1	180.2	181.6	183.5	185.5	187.5	188.6	189.3	190.5	191.8	192.9	194.2	195.8	198.3	200.5
Nondurables.....do.....	178.9	192.0	185.1	186.8	188.8	190.7	192.7	193.6	194.4	195.4	196.6	197.5	198.8	200.0	201.4	206.9
Nondurables less food.....do.....	166.5	174.3	169.6	170.7	171.8	172.8	174.1	175.4	177.2	178.8	180.0	181.2	182.0	183.6	184.9	189.9
Durables.....do.....	163.2	173.9	167.2	168.3	169.9	172.0	173.9	175.3	176.3	177.8	179.1	180.3	181.3	181.9	183.7	185.9
Commodities less food.....do.....	165.1	174.7	168.8	170.0	171.3	173.0	174.4	175.4	176.3	177.8	179.1	180.3	181.3	181.9	183.7	185.9
Services.....do.....	194.3	210.9	203.5	204.9	206.5	208.0	209.9	211.7	213.4	215.6	217.6	218.6	219.2	221.1	223.3	225.1
Services less rent.....do.....	201.6	219.4	211.4	213.0	214.6	216.2	218.3	220.4	222.2	224.6	226.7	227.8	228.2	230.4	232.9	235.0
Food ⁹.....do.....	192.2	211.4	202.0	204.2	207.5	210.3	213.8	215.0	215.4	215.6	216.8	217.8	219.4	223.9	228.2	230.4
Food at home.....do.....	190.2	210.2	200.1	202.5	206.5	209.7	213.9	214.7	214.5	214.1	215.4	216.1	217.9	223.1	228.0	229.9
Housing.....do.....	186.5	202.8	195.0	196.7	198.3	199.9	202.0	203.8	205.2	207.5	209.5	210.6	211.5	213.1	215.6	217.6
Shelter ⁹.....do.....	191.1	210.4	201.3	202.9	204.7	206.6	208.9	211.3	213.3	216.2	218.6	220.1	221.0	222.8	225.9	228.0
Rent.....do.....	153.5	216.0	215.9	216.5	216.5	216.7	216.6	216.2	216.5	216.4	216.4	216.4	216.4	216.4	216.4	216.4
Homeownership.....do.....	204.9	227.2	216.4	218.3	220.4	222.5	225.3	228.3	230.6	234.2	237.0	238.8	239.5	241.6	245.6	248.2
Fuel and utilities ⁹.....do.....	202.2	216.0	210.6	212.6	213.9	215.5	217.5	218.0	218.1	218.7	219.1	219.1	219.1	219.1	219.1	219.1
Fuel oil and coal.....do.....	283.4	298.9	296.9	297.2	296.6	295.6	295.1	294.5	294.2	293.9	293.9	293.9	293.9	293.9	293.9	293.9
Gas (piped) and electricity.....do.....	213.4	232.6	232.3	226.6	229.2	232.3	236.5	237.2	236.9	237.9	240.0	234.9	236.2	239.5	241.2	244.0
Household furnishings and operation.....do.....	167.5	177.7	172.1	173.6	175.0	176.0	177.6	178.1	178.9	180.5	181.9	183.0	184.0	184.8	186.0	187.4
Apparel and upkeep.....do.....	154.2	159.6	154.5	156.5	158.4	159.8	159.9	158.0	159.6	161.9	163.3	164.1	163.2	160.7	161.4	164.3
Transportation.....do.....	177.2	185.5	179.4	179.9	181.1	183.2	185.5	187.2	188.1	188.7	189.7	191.4	192.6	193.9	195.6	198.1
Private.....do.....	176.6	185.0	178.6	179.1	180.3	182.6	185.0	186.8	187.7	188.3	189.4	191.1	192.5	193.8	195.5	198.1
New cars.....do.....	142.9	158.8	151.2	151.1	151.2	152.5	153.5	153.9	153.8	153.5	155.5	158.5	159.8	161.2	162.3	162.7
Used cars.....do.....	182.8	186.5	170.0	172.3	177.3	184.6	191.5	195.9	195.9	195.4	194.7	194.0	193.6	193.4	194.5	195.4
Public.....do.....	182.4	187.8	186.8	187.2	187.3	187.4	187.2	187.7	187.6	188.2	189.3	189.7	189.1	190.0	190.7	191.5
Medical care.....do.....	202.4	219.4	213.3	214.5	215.7	216.9	217.9	219.4	221.4	222.6	224.7	227.0	227.8	230.7	232.6	233.9
Seasonally Adjusted ^Δ [⊕]																
All items, percent change from previous month.....do.....			0.6	0.8	0.8	0.8	0.9	0.6	0.6	0.9	0.8	0.6	0.6	0.9	1.2	1.0
Commodities.....do.....			180.9	182.3	183.9	185.3	186.9	187.7	188.7	190.2	191.7	193.0	194.6	196.7	199.1	201.3
Commodities less food.....do.....			169.7	170.7	171.6	172.6	173.7	174.7	175.7	177.2	178.5	179.8	181.3	182.9	184.8	186.9
Food.....do.....			202.2	204.7	208.1	210.5	213.5	213.7	214.6	216.0	217.9	219.2	221.3	224.5	228.1	230.5
Food at home.....do.....			200.0	202.8	207.1	209.9	213.1	212.7	213.2	214.5	216.5	217.8	220.1	223.7	227.7	230.0
Fuels and utilities.....do.....			210.1	211.8	213.5	215.5	217.6	218.0	218.1	218.7	219.6	220.0	220.0	220.0	220.0	220.0
Fuel oil and coal.....do.....			291.8	293.6	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0
Apparel and upkeep.....do.....			155.8	157.4	158.9	159.7	160.0	159.2	160.0	160.9	161.7	161.9	161.8	162.2	162.7	165.2
Transportation.....do.....			181.0	181.4	181.8	182.9	184.2	185.6	186.9	188.2	189.0	191.2	193.2	195.4	197.5	199.9
Private.....do.....			180.4	180.8	181.1	182.3	183.8	185.2	186.5	187.9	188.8	191.1	193.2	195.4	197.5	200.0
New cars.....do.....			150.0	150.5	151.2	152.7	154.2	155.5	156.2	156.9	155.3	157.0	157.3	159.1	161.0	162.1
Services.....do.....			203.5	205.1	206.9	208.7	210.5	212.2	213.8	215.7	217.6	218.7	219.5	220.7	223.1	225.1
PRODUCER PRICES [‡] (U.S. Department of Labor Indexes) Not Seasonally Adjusted																
Spot market prices, basic commodities:																
22 Commodities.....do.....	* 209.6	* 217.1	220.3	226.3	225.0	228.1	229.6	228.9	236.2	243.0	251.0	252.2	250.8	255.3	268.0	277.4
9 Foodstuffs.....do.....	* 208.2	* 239.1	220.8	236.0	237.9	243.7	240.8	234.9	241.4	248.7	253.1	248.3	249.1	250.9	260.2	261.8
13 Raw industrials.....do.....	* 210.4	* 230.6	219.9	219.8	216.5	217.8	221.1	224.7	232.6	239.1	249.4	254.8	251.8	258.3	278.5	288.5
All commodities.....do.....	194.2	209.3	202.1	203.7	206.5	208.0	209.6	210.7	210.4	21						

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

COMMODITY PRICES—Continued

PRODUCER PRICES ¹ —Continued (U.S. Department of Labor Indexes)—Continued																
All commodities—Continued																
Farm prod., processed foods and feeds 1967=100...	188.8	206.7	196.8	200.0	205.5	207.6	210.4	210.3	205.3	209.4	213.2	216.1	221.0	227.0	228.8	
Farm products ².....do.....	192.5	212.7	198.9	204.2	213.7	215.8	219.5	219.9	210.3	215.1	219.4	222.4	230.1	240.5	242.5	
Fruits and vegetables, fresh and dried.....do.....	192.2	218.2	204.2	201.2	227.3	220.1	230.3	252.4	215.3	208.0	214.2	217.4	218.3	230.7	259.5	232.2
Grains.....do.....	165.0	182.5	170.8	178.9	198.7	189.2	188.1	183.8	178.9	176.9	182.0	189.0	184.7	184.4	189.3	192.0
Live poultry.....do.....	175.4	199.8	188.8	187.9	196.0	194.5	221.6	246.5	204.8	211.1	184.9	192.4	198.5	207.0	217.8	217.6
Livestock.....do.....	173.0	220.1	202.1	208.3	218.1	230.3	226.2	226.8	216.6	226.8	235.1	222.4	230.1	247.3	266.5	275.8
Foods and feeds, processed ³.....do.....	186.1	202.6	194.9	196.9	200.2	202.4	204.6	204.2	201.8	205.5	209.0	208.2	211.9	215.3	218.7	220.4
Beverages and beverage materials.....do.....	201.0	200.1	201.3	200.1	200.1	199.5	200.0	198.4	196.9	197.8	201.1	201.4	202.3	201.4	201.3	201.4
Cereal and bakery products.....do.....	173.4	190.2	185.0	186.4	188.8	188.2	190.0	191.0	192.5	191.0	193.3	196.2	196.4	196.9	199.1	200.0
Dairy products.....do.....	173.4	188.4	178.7	180.3	184.5	184.5	185.4	186.1	190.8	192.9	197.0	199.6	202.7	203.4	203.1	204.8
Fruits and vegetables, processed.....do.....	187.4	202.6	194.5	195.6	196.5	197.4	198.8	200.4	203.3	205.1	210.1	216.3	218.4	218.4	219.3	219.5
Meats, poultry, and fish.....do.....	182.0	217.1	205.4	204.7	211.7	220.4	226.2	224.4	215.9	224.4	228.2	220.9	229.1	240.3	248.5	250.5
Industrial commodities.....do.....	195.1	209.4	202.9	204.1	206.1	207.4	208.7	210.1	211.4	212.5	214.7	216.0	217.0	219.9	222.4	225.1
Chemicals and allied products ⁴.....do.....	192.8	198.8	195.2	196.1	196.9	198.6	198.9	199.8	199.5	200.3	201.6	202.3	202.0	204.9	207.0	209.5
Agric. chemicals and chem. prod.....do.....	187.8	198.2	189.1	191.0	192.3	203.5	202.6	202.1	202.1	202.7	203.4	202.3	201.6	202.9	205.6	
Chemicals, industrial.....do.....	223.9	225.5	224.2	224.1	224.2	224.0	224.0	225.1	226.4	226.4	228.1	227.1	228.8	233.4	236.4	239.5
Drugs and pharmaceuticals.....do.....	140.5	148.1	145.0	145.3	146.2	146.6	147.8	148.5	148.9	149.6	150.3	152.1	153.2	155.4	155.8	156.4
Fats and oils, inedible.....do.....	279.0	315.8	281.5	294.6	301.3	315.2	313.2	335.6	312.9	338.5	340.0	361.2	332.9	336.1	367.9	398.5
Prepared paint.....do.....	182.4	192.4	189.3	189.5	191.6	192.6	192.6	192.6	192.6	192.6	192.6	196.9	199.1	198.9	202.3	202.3
Fuels and related prod., and power ⁵.....do.....	302.2	322.5	312.9	315.3	317.3	319.7	323.2	324.5	324.9	326.7	328.5	329.7	334.1	338.3	342.4	350.5
Coal.....do.....	389.4	430.0	404.9	407.0	426.4	432.4	434.5	437.1	441.7	442.7	443.9	442.7	442.7	444.6	444.7	445.3
Electric power.....do.....	232.9	250.7	242.6	249.8	250.6	252.6	256.9	254.8	253.6	252.5	252.7	250.4	251.3	251.6	252.2	257.4
Gas fuels.....do.....	387.8	429.1	417.7	424.8	428.6	428.8	428.8	430.6	425.3	431.4	429.2	433.9	444.7	450.4	458.6	471.3
Petroleum products, refined.....do.....	308.2	321.0	312.9	310.9	311.7	314.5	318.4	321.1	323.3	325.7	329.4	331.9	337.4	343.7	348.8	359.4
Furniture and household durables ⁶.....do.....	151.5	160.1	156.7	157.7	158.4	159.2	159.5	161.4	161.8	162.0	162.9	163.5	163.7	165.8	166.7	167.5
Appliances, household.....do.....	145.1	152.8	149.8	151.2	152.4	152.4	152.7	153.5	154.0	154.2	154.5	155.3	155.3	156.6	157.9	158.4
Furniture, household.....do.....	162.2	173.4	168.8	169.3	169.9	170.7	172.3	174.6	175.6	176.1	177.9	178.9	178.9	180.9	181.2	181.5
Home electronic equipment.....do.....	87.7	89.3	88.7	89.1	88.7	90.0	88.5	90.8	90.8	91.6	91.3	88.9	89.7	89.6	89.6	89.6
Hides, skins, and leather products ⁷.....do.....	179.3	200.1	187.2	187.9	191.9	193.6	195.3	197.3	205.1	210.7	213.0	215.8	216.5	223.8	232.8	254.1
Footwear.....do.....	168.7	183.2	175.7	175.7	180.0	180.9	181.1	181.7	184.0	186.0	190.7	192.7	194.9	196.9	203.6	210.5
Hides and skins.....do.....	286.7	360.5	298.2	296.0	320.5	321.7	346.5	360.4	400.8	435.3	427.9	417.0	401.3	452.8	505.7	647.5
Leather.....do.....	201.0	238.6	211.9	215.3	217.4	217.4	217.4	224.5	251.9	269.4	269.4	279.6	279.6	292.8	309.2	371.9
Lumber and wood products.....do.....	236.3	275.9	263.7	266.2	269.6	273.4	278.5	277.5	281.6	282.8	284.2	290.0	288.7	290.1	292.3	299.3
Lumber.....do.....	276.5	322.1	308.5	312.5	316.7	316.5	320.8	319.1	326.7	332.2	334.5	338.5	339.2	336.6	339.9	350.1
Machinery and equipment ⁸.....do.....	181.7	196.0	190.3	191.6	192.7	193.9	195.3	196.5	197.5	198.8	200.5	202.7	203.6	205.0	206.2	207.4
Agricultural machinery and equip.....do.....	197.9	212.8	207.7	208.1	209.0	209.7	210.8	212.2	214.1	217.8	218.6	219.9	221.0	221.8	222.7	223.6
Construction machinery and equip.....do.....	213.5	232.8	224.8	225.7	228.4	230.3	231.1	232.8	234.6	237.0	240.4	241.9	243.6	245.2	247.1	247.7
Electrical machinery and equip.....do.....	154.1	164.9	160.7	161.8	162.7	163.4	164.6	165.4	165.8	166.4	167.5	169.6	170.4	171.1	172.4	173.7
Metalworking machinery and equip.....do.....	198.5	216.9	209.5	210.8	212.2	214.0	215.6	216.7	218.2	220.3	223.8	226.3	228.0	230.1	231.8	232.7
Metals and metal products ⁹.....do.....	209.0	227.1	219.1	221.1	223.9	224.6	225.9	227.3	231.0	231.4	234.1	235.5	236.6	241.6	247.3	251.6
Heating equipment.....do.....	165.5	174.4	170.7	171.3	172.7	173.4	178.9	174.4	176.2	176.0	176.9	177.0	178.8	180.1	181.2	183.6
Iron and steel.....do.....	230.4	253.5	244.8	247.6	252.0	252.0	252.5	253.9	258.6	258.5	259.9	261.7	263.1	272.0	274.6	279.8
Nonferrous metals.....do.....	195.4	207.7	199.7	201.1	202.9	203.2	205.4	205.9	211.1	211.4	217.1	218.2	218.9	223.2	238.8	246.0
Nonmetallic mineral products ¹⁰.....do.....	200.5	222.8	215.1	215.9	218.4	219.3	222.0	224.7	227.2	228.2	229.1	230.0	230.9	237.7	240.3	240.5
Clay prod., structural, excl. refrac.....do.....	179.8	197.1	190.4	192.6	193.7	194.2	195.5	196.6	197.7	202.3	202.4	204.4	206.5	209.7	210.7	212.8
Concrete products.....do.....	191.8	214.0	205.2	206.0	207.9	209.7	211.8	214.4	219.7	221.4	222.2	222.9	224.2	235.0	236.3	237.8
Gypsum products.....do.....	183.5	229.1	215.9	217.0	221.2	228.2	230.2	234.0	235.9	236.0	236.8	242.1	242.7	247.6	250.6	251.0
Pulp, paper, and allied products.....do.....	186.4	195.5	188.6	189.7	191.9	193.2	193.5	195.5	195.8	199.0	202.4	203.9	204.9	206.8	208.4	211.8
Paper.....do.....	194.3	206.1	198.3	198.8	202.7	204.0	205.1	206.8	208.0	210.2	213.0	214.2	214.9	217.4	220.8	222.9
Rubber and plastics products.....do.....	167.6	174.7	170.2	171.4	172.8	174.8	174.5	174.9	175.7	176.7	178.1	179.4	179.6	180.7	183.1	185.5
Tires and tubes.....do.....	169.9	179.1	170.9	172.3	175.1	178.8	179.5	179.9	180.0	180.4	184.5	187.6	188.6	191.4	193.8	194.7
Textile products and apparel ¹¹.....do.....	154.0	159.7	157.0	157.4	157.9	158.6	159.2	160.0	160.5	161.3	162.3	163.2	163.5	164.6	165.0	165.1
Synthetic fibers.....Dec. 1975=100.....	107.3	109.7	109.9	109.9	109.2	109.5	108.9	108.9	109.1	109.1	109.4	110.8	111.5	113.3	113.7	113.8
Processed yarns and threads.....do.....	100.9	102.3	101.0	101.2	101.1	101.0	101.6	101.9	102.4	103.3	104.0	105.3	104.6	105.3	106.7	107.3
Gray fabrics.....do.....	104.7	118.6	109.9	112.2	113.9	117.3	117.8	119.2	120.9	124.2	126.5	126.7	125.9	125.6	106.8	105.1
Finished fabrics.....do.....	103.7	103.8	103.7	103.0	103.1	103.3	103.1	103.2	103.4	104.1	104.5	104.7	105.8	106.4	107.4	108.1
Apparel.....1967=100.....	147.3	152.4	150.0	150.2	150.7	151.0	152.1	153.0	153.5	153.3	154.1	155.2	155.4	157.1	157.5	158.1
Textile house furnishings.....do.....	171.3	178.6	175.8	176.3	176.1	177.0	178.7	179.4	179.2	180.3	181.0	180.5	183.4	181.8	186.0	187.4
Transportation equipment ¹².....Dec. 1968=100.....	161.3	173.4	169.5	169.6	170.5	172.0	172.4	172.8	173.1	173.6	179.2	180.1	180.2	182.4	183.5	183.5
Motor vehicles and equip.....1967=100.....	163.7	175.9	171.8	171.9	172.9	174.6	175.0	175.5	175.8	175.9	181.8	182.5	182.5	184.7	185.9	185.8

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	Annual		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. \$..	172,552	202,218	11,395	13,425	15,319	17,263	18,799	19,175	19,924	19,842	19,818	18,971	16,847	13,963	13,245	-----
Private, total ♀.....do.....	134,724	157,457	9,153	10,823	12,159	13,440	14,558	14,736	15,080	15,045	15,173	14,755	13,345	11,105	10,700	-----
Residential (including farm).....do.....	80,956	93,087	5,158	6,264	7,252	8,271	8,927	9,159	9,305	9,077	8,825	8,430	7,271	6,003	5,732	-----
New housing units.....do.....	65,749	75,491	4,295	5,174	5,669	6,366	7,041	7,382	7,543	7,436	7,332	7,041	5,973	4,884	4,696	-----
Nonresidential buildings, except farm and public utilities, total ♀.....mil. \$..	28,695	35,697	2,095	2,463	2,672	2,825	3,171	3,207	3,359	3,437	3,559	3,479	3,354	2,811	2,783	-----
Industrial.....do.....	7,712	10,760	565	720	750	735	966	950	1,057	1,114	1,110	1,078	1,163	933	955	-----
Commercial.....do.....	14,783	18,279	1,097	1,242	1,365	1,524	1,627	1,661	1,697	1,720	1,844	1,788	1,634	1,397	1,361	-----
Public utilities:																-----
Telephone and telegraph.....do.....	4,345	5,323	297	424	417	438	516	443	469	485	544	499	499	372	-----	
Public, total ♀.....do.....	37,827	44,761	2,242	2,603	3,159	3,823	4,240	4,439	4,844	4,797	4,644	4,216	3,502	2,858	2,544	-----
Buildings (excluding military) ♀.....do.....	12,751	15,236	945	1,055	1,173	1,353	1,386	1,468	1,482	1,465	1,406	1,349	1,205	1,172	1,015	-----
Housing and redevelopment.....do.....	959	1,083	59	70	66	92	91	94	95	116	103	125	108	84	89	-----
Industrial.....do.....	1,146	1,259	93	96	107	106	119	114	118	103	102	102	104	103	99	-----
Military facilities.....do.....	1,517	1,460	117	119	120	120	113	124	128	146	115	122	123	130	114	-----
Highways and streets.....do.....	9,372	10,350	266	376	548	897	1,067	1,148	1,413	1,271	1,310	1,020	711	386	335	-----
New construction (seasonally adjusted at annual rates), total.....bil. \$..	-----	-----	177.6	185.4	195.0	201.3	206.3	209.9	208.4	209.8	212.0	215.8	218.5	208.6	205.5	-----
Private, total ♀.....do.....	-----	-----	141.9	147.7	153.5	156.2	161.1	161.5	160.3	161.9	164.1	167.9	171.0	162.3	164.3	-----
Residential (including farm).....do.....	-----	-----	85.3	88.1	92.2	94.3	95.4	95.7	94.8	94.7	95.2	97.6	98.8	92.2	94.1	-----
New housing units.....do.....	-----	-----	70.9	72.5	74.4	75.1	76.6	77.7	77.1	76.8	76.8	78.9	80.5	74.6	77.0	-----
Nonresidential buildings, except farm and public utilities, total ♀.....bil. \$..	-----	-----	28.7	31.8	33.2	34.2	37.3	37.7	37.6	38.2	38.7	39.7	40.2	38.4	38.1	-----
Industrial.....do.....	-----	-----	7.7	9.2	9.2	8.7	11.3	11.2	12.0	12.6	12.6	12.5	13.3	12.5	13.0	-----
Commercial.....do.....	-----	-----	15.2	16.2	17.2	18.5	19.2	19.5	18.8	18.9	19.4	20.3	20.1	19.3	18.8	-----
Public utilities:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Telephone and telegraph.....do.....	-----	-----	4.5	4.9	5.3	5.0	5.6	5.5	5.1	5.6	5.9	5.5	6.1	6.0	-----	
Public, total ♀.....do.....	-----	-----	35.7	37.7	41.5	45.1	45.2	48.4	48.2	48.0	47.9	47.9	47.6	46.3	41.2	-----
Buildings (excluding military) ♀.....do.....	-----	-----	13.1	13.8	14.8	16.4	16.0	16.8	16.4	16.0	15.8	15.5	15.0	15.7	14.1	-----
Housing and redevelopment.....do.....	-----	-----	.9	.9	.9	1.2	1.0	1.0	1.1	1.2	1.1	1.4	1.3	1.2	1.3	-----
Industrial.....do.....	-----	-----	1.1	1.0	1.2	1.2	1.3	1.6	1.6	1.3	1.2	1.3	1.2	1.2	1.2	-----
Military facilities.....do.....	-----	-----	1.5	1.4	1.5	1.4	1.4	1.5	1.5	1.6	1.4	1.4	1.4	1.6	1.4	-----
Highways and streets.....do.....	-----	-----	7.4	8.1	8.5	10.6	10.3	9.8	11.4	10.9	11.4	11.0	11.9	10.0	9.3	-----
CONSTRUCTION CONTRACTS																
Construction contracts in 50 States (F. W. Dodge Division, McGraw-Hill):																
Valuation, total.....mil. \$..	139,723	158,438	9,695	12,345	13,189	17,785	14,169	14,711	15,597	13,816	14,863	11,557	10,185	10,716	14,166	-----
Index (mo. data seas. adj.) Ⓞ.....1972=100..	154	174	162	153	169	202	153	173	177	182	193	173	184	181	231	-----
Public ownership.....mil. \$..	36,917	38,827	2,239	3,131	3,594	4,097	3,551	3,569	3,857	3,499	3,099	2,867	2,978	2,984	6,595	-----
Private ownership.....do.....	102,805	119,610	7,456	9,214	9,595	13,688	10,618	11,141	11,740	10,317	11,764	8,690	7,207	7,732	7,571	-----
By type of building:																-----
Nonresidential.....do.....	35,086	44,373	2,905	3,429	3,470	4,538	3,768	4,534	3,945	4,572	4,141	3,532	3,096	3,952	3,412	-----
Residential.....do.....	62,017	74,581	3,862	6,139	6,854	7,652	7,722	6,710	6,910	6,317	6,821	5,921	4,781	4,468	4,632	-----
Non-building construction.....do.....	42,620	39,534	2,929	2,776	2,864	5,596	2,679	3,466	4,742	2,926	3,901	2,104	2,308	2,296	6,122	-----
New construction planning (Engineering News-Record) Ⓞ.....do.....	91,702	112,069	10,349	10,470	7,014	6,556	8,771	9,071	9,756	5,882	9,837	13,209	14,269	9,936	11,752	13,750
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total (private and public).....thous..	1,989.8	2,021.5	101.3	172.3	197.5	211.1	216.1	192.3	190.9	181.1	192.1	158.6	121.4	88.4	85.3	153.3
Inside SMSA's.....do.....	1,377.9	1,833.2	75.2	121.6	141.8	146.2	149.7	131.2	(?)	-----	-----	-----	-----	88.2	85.0	153.2
Privately owned.....do.....	1,987.1	2,020.3	101.3	172.1	197.5	211.0	216.0	192.2	190.9	180.5	192.1	158.6	119.5	88.2	85.0	153.2
One-family structures.....do.....	1,450.9	1,433.3	72.8	121.4	139.9	154.9	154.3	139.3	140.0	124.6	131.1	110.4	81.4	57.5	59.1	109.3
Seasonally adjusted at annual rates:																-----
Total privately owned Δ.....do.....	-----	-----	1,659	2,011	2,176	2,037	2,093	2,104	2,004	2,024	2,054	2,107	2,074	1,679	1,384	1,793
One-family structures.....do.....	-----	-----	1,171	1,413	1,482	1,463	1,439	1,455	1,431	1,432	1,436	1,502	1,539	1,139	946	1,263
New private housing units authorized by building permits (14,000 permit-issuing places):																
Monthly data are seas. adj. at annual rates:																
Total.....thous..	1,690	1,680	1,534	1,647	1,740	1,597	1,821	1,632	1,563	1,731	1,727	1,724	1,664	1,324	1,321	1,579
One-family structures.....do.....	1,126	1,089	957	1,037	1,157	1,058	1,123	1,035	1,020	1,092	1,135	1,114	1,149	841	787	978
Manufacturers' shipments of mobile homes:																
Unadjusted ♀.....thous..	277.0	275.6	18.7	24.6	23.2	26.6	26.4	20.2	28.0	24.1	25.8	22.2	17.0	19.1	18.6	-----
Seasonally adjusted at annual rates ♀.....do.....	-----	-----	274	276	260	268	270	255	267	275	286	280	303	311	272	-----
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite Ⓞ.....1972=100..																
Average, 30 cities.....do.....	156.6	176.0	164.5	164.8	169.2	171.0	174.1	176.1	179.6	180.5	183.8	185.6	186.8	187.0	188.1	-----
American Appraisal Co., The:																
Average, 30 cities.....do.....1913=100..	1,998	2,173	2,095	2,111	2,124	2,137	2,169	2,180	2,207	2,218	2,244	2,249	2,254	2,264	2,268	2,287
Atlanta.....do.....	2,141	2,322	2,247	2,270	2,283	2,294	2,309	2,348	2,366	2,374	2,389	2,388	2,379	2,431	2,430	2,446
New York.....do.....	2,065	2,222	2,162	2,174	2,181	2,191	2,211	2,211	2,223	2,229	2,298	2,297	2,324	2,331	2,353	2,359
San Francisco.....do.....	2,063	2,263	2,195	2,195	2,220	2,216	2,230	2,295	2,312	2,321	2,338	2,336	2,332	2,337	2,372	2,427
St. Louis.....do.....	1,905	2,071	1,990	2,003	2,029	2,066	2,078	2,087	2,102	2,111	2,122	2,121	2,154	2,161	2,157	2,173
Boeckh indexes:																
Average, 20 cities: \$																
Apartments, hotels, office buildings.....1972=100..	148.6	158.2	-----	155.3	-----	156.7	-----	158.8	-----	160.7	-----	163.8	-----	164.9	-----	165.8
Commercial and factory buildings.....do.....	152.8	164.3	-----	160.9	-----	163.0	-----	165.2	-----	167.5	-----	170.9	-----	172.2	-----	173.2
Residences.....do.....	148.5	161.8	-----	157.5	-----	158.8	-----	162.0	-----	166.4	-----	170.8	-----	171.6	-----	172.0

† Revised. ‡ Preliminary. § Computed from cumulative valuation total. ¶ Data no longer available; 1978 annual total represents Jan.-July. Ⓞ Data for new construction have been revised back to Jan. 1973 and are available from the Bureau of the Census, Washington, D.C. 20233. Ⓟ Data for Mar., June, Aug., Nov. 1978 and Mar. 1979 are for 5 weeks; other months 4 weeks. ♀ Includes data for items not shown separately. Ⓠ This index has been revised to a new comparison base (1972=100); monthly data back to Jan. 1964 are available upon request.

These indexes are restated on the 1972=100 base; monthly data for earlier periods will be available later. Ⓡ This index has been revised to a new comparison base (1972=100); monthly data back to Jan. 1970 are available upon request. Ⓢ Monthly revisions back to Jan. 1976 will be shown later. Ⓣ Revised unadjusted data for Jan.-Dec. 1976 and seasonally adjusted data for Jan. 1974-Dec. 1976 will be shown later.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

CONSTRUCTION AND REAL ESTATE—Continued

CONSTRUCTION COST INDEXES—Con.																
Engineering News-Record:																
Building.....1967=100..	228.6	247.7	239.0	239.5	240.0	244.6	246.2	251.0	252.3	254.5	254.8	256.3	256.7	257.5	257.6	259.0
Construction.....do....	240.0	258.4	249.6	250.7	251.2	254.4	256.3	262.6	263.3	265.4	265.4	266.4	267.0	267.4	267.9	268.7
Federal Highway Adm.—Highway construction:																
Composite (avg. for year or qtr.).....1967=100..	216.4	264.9		219.5			258.1			296.1			302.7			
CONSTRUCTION MATERIALS																
Output index:																
Composite, unadjusted \varnothing σ.....1947-49=100..	180.4		153.6	186.6												
Seasonally adjusted σ.....do.....			174.1	193.9												
Iron and steel products, unadjusted.....do....	147.3	158.6	129.2	161.9	158.9	176.4	180.9	158.2	173.8	159.4	173.2	158.8	152.6			
Lumber and wood products, unadjusted.....do....	199.8		186.9	212.7	194.2	209.6	205.0	177.6	207.2	198.7	204.8	193.4				
Portland cement, unadjusted.....do.....	208.7	225.2	110.8	188.1	226.5	268.6	297.8	261.6	301.2	266.4	289.9	226.4	173.2			
REAL ESTATE \ddagger																
Mortgage applications for new home construction:																
FHA net applications.....thous. units..	113.3	118.8	7.2	10.4	11.0	12.0	9.7	10.9	11.1	8.6	11.6	11.1	8.0	9.4	8.3	12.7
Seasonally adjusted annual rates.....do....			99	112	133	113	104	132	122	101	133	148	120	145	113	143
Requests for VA appraisals.....do.....	211.8	192.7	13.7	18.1	18.9	16.3	16.7	15.4	17.7	14.9	17.0	15.5	13.2	15.7	14.6	21.4
Seasonally adjusted annual rates.....do....			181	191	215	171	178	186	185	188	192	202	221	217	194	238
Home mortgages insured or guaranteed by—																
Fed. Hous. Adm.: Face amount.....mil. \$..	8,840.84	11,139.97	785.78	963.10	714.60	868.92	805.68	886.60	1,049.48	867.76	1,916.27	905.02	565.36	1,420.67	1,422.09	1,467.69
Vet. Adm.: Face amount.....do.....	13,753.02	14,470.40	1,411.86	1,344.91	988.96	1,180.30	1,108.57	1,178.68	1,319.00	1,536.24	1,178.75	1,115.62	1,176.51	1,418.91	1,367.36	1,415.68
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$..	20,173	32,670	20,845	21,278	22,957	23,664	25,274	26,605	27,869	29,158	30,104	30,975	32,670	32,489	31,738	31,881
New mortgage loans of all savings and loan associations, estimated total.....mil. \$..	107,368	110,294	6,828	9,418	9,026	10,436	11,472	9,031	10,398	9,305	9,674	9,165	8,426	6,679	5,652	
By purpose of loan:																
Home construction.....do.....	20,717	22,495	1,364	2,113	2,011	2,259	2,266	1,811	1,981	1,807	2,017	1,794	1,692	1,420	1,259	
Home purchase.....do.....	66,060	68,380	4,022	5,501	5,260	6,423	7,358	5,756	6,830	6,049	6,077	5,775	5,117	3,961	3,300	
All other purposes.....do.....	20,591	19,419	1,442	1,804	1,755	1,754	1,848	1,464	1,587	1,449	1,580	1,596	1,617	1,298	1,093	
Foreclosures.....number																
Fire losses (on bldgs., contents, etc.).....mil. \$..	3,764	3,689	379	385	370	311	355	351	320	295	302	311	(²)			

DOMESTIC TRADE

ADVERTISING																
McCann-Erickson national advertising index, seasonally adjusted:																
Combined index.....1967=100..	211	241	226	223	236	237	243	242	252	247	250	254	256	254	250	252
Network TV.....do.....	237	269	247	244	259	267	269	267	282	289	284	277	293	279	280	280
Spot TV.....do.....	229	263	248	253	260	262	274	264	254	252	284	283	273	262	268	284
Magazines.....do.....	174	209	192	198	200	200	211	218	226	221	206	220	223	226	224	216
Newspapers.....do.....	198	214	213	190	222	209	210	209	236	205	218	228	219	241	240	217
Magazine advertising (general and natl. farm magazines):																
Cost, total.....mil. \$..	1,976.8	2,374.2	160.2	193.5	212.7	231.0	189.7	162.9	146.9	215.9	259.5	263.5	207.8	153.6	188.2	
Apparel and accessories.....do.....	68.6	86.1	3.7	7.6	9.2	8.7	5.1	3.5	6.0	11.8	10.8	9.5	6.4	5.4	9.0	
Automotive, incl. accessories.....do.....	177.1	227.7	17.5	19.5	20.9	22.8	19.5	17.8	13.8	12.4	29.2	26.1	16.1	12.9	30.1	
Building materials.....do.....	37.1	46.3	2.1	4.1	6.0	6.1	3.9	2.1	2.4	5.1	5.6	4.4	2.7	1.9	4.2	
Drugs and toiletries.....do.....	201.0	219.4	16.1	17.7	19.8	22.0	19.7	13.7	13.9	19.8	23.1	21.6	19.8	13.6	32.7	
Foods, soft drinks, confectionery.....do....	150.3	186.9	13.5	18.0	15.7	14.3	14.9	14.3	13.4	16.3	18.5	24.6	16.4	9.9	27.7	
Beer, wine, liquors.....do.....	133.3	193.3	10.3	13.0	12.9	16.5	17.5	18.6	11.3	13.8	20.0	22.8	29.3	10.7	22.8	
Household equip., supplies, furnishings.....do....	110.0	152.2	8.7	13.2	14.7	18.1	11.3	9.5	9.8	13.9	15.7	18.1	9.0	8.1	12.9	
Industrial materials.....do.....	55.0	58.4	3.8	4.8	4.8	6.9	4.5	3.3	3.9	5.5	6.3	5.8	4.8	4.0	9.0	
Soaps, cleansers, etc.....do.....	33.7	37.4	3.0	4.3	3.7	3.2	2.5	2.5	2.8	3.3	2.9	4.0	3.0	2.7	5.5	
Smoking materials.....do.....	194.3	204.7	16.1	16.0	17.2	18.4	18.1	18.0	16.3	16.0	19.0	18.2	16.7	15.7	35.5	
All other.....do.....	813.0	965.2	65.4	75.2	87.9	94.0	72.7	59.5	53.3	99.9	108.4	108.5	83.4	69.7		
Newspaper advertising expenditures (64 cities): \oplus																
Total.....mil. \$..	5,696.1	6,643.7	458.5	555.6	621.0	600.8	578.2	523.2	488.7	497.9	578.1	663.6	590.0	532.0	549.4	
Automotive.....do.....	144.5	151.0	13.7	15.5	14.4	13.7	12.9	10.9	10.8	11.4	12.8	14.5	9.1	15.4	15.4	
Classified.....do.....	1,522.5	1,884.5	129.7	152.8	177.5	165.5	165.8	172.9	162.7	158.0	174.0	155.0	128.6	166.0	165.1	
Financial.....do.....	147.4	201.7	11.3	16.2	19.8	19.2	23.3	17.1	8.6	11.8	16.2	19.9	19.9	21.3	14.6	
General.....do.....	752.3	826.6	64.4	69.6	84.4	80.7	73.9	50.9	47.4	59.8	72.9	91.2	63.7	72.9	76.0	
Retail.....do.....	3,129.5	3,579.9	239.4	301.4	324.8	321.6	302.3	271.3	259.2	257.0	302.2	382.9	368.7	256.5	278.4	
WHOLESALE TRADE \odot \ddagger																
Merchant wholesalers sales (unadj.), total \odot mil. \$..	642,104	754,105	52,766	62,900	60,613	66,249	65,834	60,651	67,702	63,931	69,086	67,700	64,527	63,739	61,565	
Durable goods establishments.....do.....	285,605	349,916	23,880	28,985	28,784	30,405	30,991	28,701	32,279	30,404	32,242	31,038	29,340	28,284	27,883	
Nondurable goods establishments.....do....	356,498	404,189	28,886	33,915	31,829	35,844	34,843	31,950	35,423	33,527	36,844	36,662	35,187	35,455	33,682	
Merchant wholesalers inventories, book value, end of year or month (unadj.), total \odot mil. \$..	68,555	80,922	71,156	73,931	74,635	74,634	74,882	74,874	74,943	76,074	78,715	80,100	80,922	81,896	84,117	
Durable goods establishments.....do.....	43,676	51,646	45,757	47,275	47,957	48,918	49,627	49,900	49,841	49,944	50,462	50,971	51,646	51,860	53,719	
Nondurable goods establishments.....do....	24,879	29,276	25,399	26,656	26,678	25,716	25,255	24,974	25,102	26,130	28,253	29,129	29,276	30,036	30,398	

¹ Revised. ² Preliminary. ³ Index as of Apr. 1, 1979; Building, 259.3; construction, 268.8. ⁴ Effective Dec. 1978, data are no longer available; annual total represents Jan.-Nov. 1978. ⁵ Includes data for items not shown separately. ⁶ Data include guaranteed direct loans sold. ⁷ Home mortgage rates (conventional 1st mortgages) are under money and interest rates on p. S-18. ⁸ Source: Media Records, Inc. 64-City Newspaper Advertising Trend Chart. ⁹ Monthly revisions back to Jan. 1974 will be shown later.

¹⁰ Beginning Nov. 1977 SURVEY, data revised to reflect new sample design, benchmarking to the 1967 and 1972 Censuses, conversion of the classifications to the 1972 SIC, addition of farm assemblers and bulk petroleum establishments, and revision and updating of seasonal factors. Revisions back to Jan. 1967, as well as a summary of the changes, appear in the report, Monthly Wholesale Trade: January 1967-August 1977 (Revised) available from the Census Bureau, Washington, D.C. 20533. The revisions back to 1967 also appear on p. 34ff of the May 1978 SURVEY. ¹¹ Effective March 1979 SURVEY, seasonally adjusted data for wholesale trade have been revised back to Jan. 1978.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

DOMESTIC TRADE—Continued

RETAIL TRADE																
All retail stores: †																
Estimated sales (unadj.), total † mil. \$	724,020	798,818	53,612	64,764	63,838	67,952	69,056	66,557	69,102	66,219	68,615	71,297	84,597	61,878	60,607	171,933
Durable goods stores ‡	247,832	277,916	17,936	22,777	23,165	25,085	25,685	23,932	24,898	22,563	24,596	24,463	25,872	21,100	21,043	126,226
Building materials, hardware, garden supply, and mobile home dealers ‡ mil. \$	38,641	44,125	2,461	3,170	3,665	4,115	4,260	4,074	4,308	4,034	4,219	3,918	3,560	2,873	2,720	13,580
Building materials and supply stores do.	26,509	29,991	1,644	2,114	2,382	2,653	2,897	2,841	3,079	2,861	2,985	2,699	2,263	1,925	1,799	7,499
Hardware stores do.	6,516	6,881	388	504	571	625	631	585	582	600	624	632	749	496	446	2,647
Automotive dealers ‡	148,444	163,668	11,119	14,560	14,382	15,415	15,718	14,294	14,642	12,733	14,401	13,610	12,452	12,805	12,940	116,388
Motor vehicle dealers do.	135,777	149,664	10,257	13,462	13,234	14,250	14,644	13,900	13,835	11,512	13,118	12,322	11,169	11,703	11,918	98,400
Auto and home supply stores do.	12,667	6,881	862	1,098	1,148	1,165	1,254	1,204	1,257	1,221	1,283	1,288	1,288	1,102	1,022	17,988
Furniture, home furn., and equip. do.	34,761	37,430	2,539	2,902	2,901	3,074	3,107	3,021	3,224	3,138	3,231	3,566	4,216	2,959	2,877	13,351
Furniture, home furnishings stores do.	2,295	22,719	1,537	1,758	1,825	1,935	1,943	1,853	1,999	1,897	1,973	2,197	2,290	1,833	1,812	10,400
Household appliance, radio, TV do.	10,801	10,991	738	852	804	868	892	883	930	930	943	1,034	1,359	851	815	2,951
Nondurable goods stores do.	476,188	520,902	35,676	41,987	40,673	42,867	43,371	42,625	44,204	43,656	44,019	46,834	58,725	40,778	39,564	145,707
General merch. group stores do.	90,133	99,505	5,524	7,366	7,472	8,017	8,106	7,497	8,165	8,024	8,262	9,883	15,784	5,946	5,921	23,704
Department stores do.	72,333	79,732	4,424	5,894	6,010	6,431	6,522	5,965	6,520	6,468	6,610	7,908	12,635	4,747	4,682	16,132
Variety stores do.	7,602	7,809	458	611	582	629	627	605	649	605	631	712	1,273	476	493	1,571
Food stores do.	158,519	174,458	12,792	14,529	13,865	14,528	14,936	15,006	14,858	14,942	14,417	14,834	16,690	14,944	14,206	116,180
Grocery stores do.	147,142	161,527	11,892	13,482	12,862	13,455	13,848	13,941	13,781	13,892	13,295	13,695	15,243	13,769	13,024	14,780
Gasoline service stations do.	58,231	60,884	4,404	4,906	4,889	5,156	5,256	5,283	5,387	5,191	5,264	5,197	5,318	5,059	4,912	5,358
Apparel and accessory stores do.	34,341	37,828	2,151	2,940	2,816	2,906	2,892	2,754	3,194	3,236	3,273	3,675	5,698	561	452	2,400
Men's and boys' clothing do.	7,052	7,353	421	532	536	542	562	508	554	552	609	763	1,293	561	452	1,200
Women's clothing, spec. stores, furriers do.	13,106	14,660	836	1,143	1,088	1,122	1,104	1,095	1,249	1,310	1,320	1,396	2,144	996	949	1,400
Shoe stores do.	5,852	6,593	374	570	528	529	518	467	571	594	578	617	823	478	401	1,000
Eating and drinking places do.	63,556	70,083	4,734	5,579	5,719	6,024	6,220	6,395	6,527	6,134	6,006	5,775	6,141	5,389	5,414	6,364
Drug and proprietary stores do.	22,918	25,337	1,847	2,070	2,060	2,260	2,060	2,016	2,041	2,106	2,106	2,164	3,040	2,059	2,253	2,533
Liquor stores do.	12,832	13,616	922	1,038	1,010	1,086	1,138	1,181	1,161	1,147	1,123	1,196	1,675	1,061	1,052	1,353
Mail-order houses (dept. store mdse.) § do.	6,705	7,073	434	594	538	534	497	499	588	552	776	902	722	439	393	400
Estimated sales (seas. adj.), total †	62,898	64,075	65,146	65,522	65,964	66,224	67,303	68,085	68,971	70,158	70,918	70,855	71,097	71,821	71,821	71,821
Durable goods stores ‡	21,244	21,813	22,617	22,730	22,947	23,049	23,617	23,872	24,422	24,954	25,163	25,250	24,949	25,620	25,620	25,620
Building materials, hardware, garden supply, and mobile home dealers ‡ mil. \$	3,324	3,397	3,609	3,590	3,651	3,707	3,809	3,798	3,911	3,971	4,009	3,956	3,694	3,895	3,895	3,895
Building materials and supply stores do.	2,183	2,251	2,451	2,429	2,502	2,546	2,625	2,613	2,675	2,667	2,727	2,677	2,392	2,392	2,392	2,392
Hardware stores do.	521	545	547	552	552	558	580	599	609	621	631	631	604	604	604	604
Automotive dealers do.	12,689	13,132	13,537	13,520	13,638	13,490	13,895	14,033	14,352	14,431	14,558	15,011	14,753	15,118	15,118	15,118
Motor vehicle dealers do.	11,603	12,030	12,426	12,413	12,501	12,337	12,699	12,791	13,105	13,179	13,296	13,736	13,467	13,867	13,867	13,867
Auto and home supply stores do.	1,086	1,102	1,111	1,107	1,137	1,153	1,196	1,242	1,247	1,252	1,262	1,275	1,286	1,275	1,286	1,286
Furniture, home furn., and equip. ‡	2,934	2,924	3,061	3,116	3,071	3,091	3,170	3,228	3,248	3,303	3,307	3,337	3,326	3,430	3,430	3,430
Furniture, home furnishings stores do.	1,763	1,734	1,885	1,918	1,872	1,883	1,922	1,978	1,967	2,003	2,014	2,067	2,064	2,064	2,064	2,064
Household appliance, radio, TV do.	872	883	877	895	895	893	935	935	962	975	956	966	966	966	966	966
Nondurable goods stores do.	41,654	42,262	42,529	42,792	43,017	43,175	43,686	44,213	44,549	45,204	45,755	45,605	46,148	46,201	46,201	46,201
General merch. group stores do.	7,815	7,952	8,048	8,236	8,294	8,287	8,361	8,379	8,394	8,549	8,716	8,402	8,770	8,442	8,442	8,442
Department stores do.	6,338	6,420	6,462	6,609	6,662	6,650	6,701	6,696	6,684	6,806	6,897	6,791	6,708	6,753	6,753	6,753
Variety stores do.	627	622	654	659	656	660	660	658	660	663	649	685	673	673	673	673
Food stores do.	14,070	14,177	14,298	14,375	14,420	14,609	14,629	14,775	14,947	15,125	15,284	15,559	15,630	15,581	15,581	15,581
Grocery stores do.	13,054	13,153	13,273	13,335	13,393	13,574	13,577	13,687	13,835	13,960	14,084	14,236	14,358	14,198	14,198	14,198
Gasoline service stations do.	5,005	4,996	4,994	5,020	5,030	4,887	5,082	5,191	5,222	5,276	5,292	5,353	5,582	5,582	5,582	5,582
Apparel and accessory stores do.	2,862	2,983	3,046	3,062	3,074	3,126	3,221	3,261	3,271	3,388	3,376	3,273	3,195	3,365	3,365	3,365
Men's and boys' clothing do.	570	581	585	577	573	588	614	629	636	685	675	612	612	612	612	612
Women's clothing, spec. stores, furriers do.	1,089	1,169	1,201	1,176	1,182	1,237	1,272	1,274	1,262	1,287	1,313	1,228	1,236	1,236	1,236	1,236
Shoe stores do.	496	528	548	552	552	532	543	547	568	590	586	580	580	580	580	580
Eating and drinking places do.	5,563	5,787	5,794	5,770	5,867	5,923	5,996	6,018	6,003	6,184	6,184	6,041	6,362	6,362	6,362	6,362
Drug and proprietary stores do.	2,023	2,050	2,042	2,058	2,075	2,102	2,135	2,158	2,180	2,240	2,232	2,278	2,258	2,258	2,258	2,258
Liquor stores do.	1,102	1,110	1,098	1,105	1,109	1,122	1,151	1,167	1,158	1,181	1,194	1,225	1,257	1,257	1,257	1,257
Mail-order houses (dept. store mdse.) § do.	558	571	584	586	597	598	584	593	595	598	604	604	604	604	604	604
Estimated inventories, end of year or month: †	88,148	98,527	89,789	93,523	95,434	95,568	95,694	95,571	95,548	97,799	102,344	105,330	98,527	98,693	98,693	98,693
Book value (unadjusted), total † mil. \$	43,170	47,888	44,751	45,926	46,575	46,752	46,308	45,652	43,855	44,411	46,357	47,798	47,888	49,128	49,128	49,128
Durable goods stores ‡	7,187	7,792	7,745	7,929	8,665	8,062	8,100	8,016	7,911	7,922	7,891	7,910	7,792	8,128	8,128	8,128
Building materials and supply stores do.	21,875	25,011	22,748	23,403	23,478	23,564	23,201	22,564	20,542	20,778	22,201	23,356	25,011	25,717	25,717	25,717
Automotive dealers do.	6,808	7,133	6,776	6,918	7,110	7,127	7,105	7,121	7,241	7,313	7,538	7,441	7,133	7,148	7,148	7,148
Furniture, home furn., and equip. do.	44,978	50,639	45,038	47,597	48,459	48,816	49,386	49,919	51,693	53,388	55,987	57,532	50,639	49,568	49,568	49,568
General merch. group stores do.	15,895	17,926	16,088	17,610	18,298	18,465	18,560	18,770	19,631	20,574	21,894	22,452	17,926	17,728	17,728	17,728
Department stores do.	11,932	13,638	11,959	13,307	13,899	14,063	14,137	14,066	14,686	15,459	16,602	17,113	13,638	13,429	13,429	

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
DOMESTIC TRADE—Continued															
RETAIL TRADE†—Continued															
Firms with 11 or more stores:															
Estimated sales (unadjusted), total†.....mil. \$..	(1)	270,279	17,477	21,496	20,944	22,073	22,380	21,611	22,570	22,548	22,848	25,261	33,515	19,909	-----
Durable goods stores.....do.....	(1)	20,546	1,194	1,508	1,607	1,743	1,788	1,724	1,782	1,733	1,793	1,950	2,562	1,345	-----
Auto and home supply stores.....do.....	(1)	3,146	190	262	294	266	287	267	275	272	284	287	286	233	-----
Nondurable goods stores ♀.....do.....	(1)	249,733	16,283	19,988	19,337	20,330	20,592	19,887	20,788	20,815	21,055	23,311	30,953	18,564	-----
General merchandise group stores.....do.....	(1)	88,176	4,875	6,511	6,607	7,096	7,184	6,604	7,224	7,111	7,307	8,798	14,035	5,284	-----
Department stores.....do.....	(1)	75,308	4,183	5,565	5,686	6,082	6,176	5,649	6,176	6,111	6,232	7,455	11,884	4,518	-----
Variety stores.....do.....	(1)	6,332	359	493	459	496	500	481	521	497	513	596	1,068	386	-----
Miscellaneous general stores.....do.....	(1)	6,536	333	453	462	518	508	474	527	503	562	747	1,123	380	-----
Food stores.....do.....	(1)	92,737	6,877	7,876	7,406	7,649	7,878	7,873	7,683	7,985	7,574	7,929	8,985	8,010	-----
Grocery stores.....do.....	(1)	91,700	6,792	7,776	7,325	7,567	7,798	7,790	7,602	7,907	7,494	7,846	8,864	7,929	-----
Apparel and accessory stores ♀.....do.....	(1)	13,091	673	1,032	968	1,017	1,007	931	1,162	1,166	1,149	1,284	2,004	806	-----
Women's clothing, specialty stores, furriers.....do.....	(1)	5,520	287	432	404	432	422	406	489	494	493	539	846	329	-----
Family clothing stores.....do.....	(1)	3,029	158	226	224	241	233	222	273	254	249	294	492	179	-----
Shoe stores.....do.....	(1)	3,129	163	279	243	247	242	212	280	296	278	298	408	211	-----
Eating places.....do.....	(1)	13,758	921	1,122	1,130	1,203	1,198	1,236	1,238	1,171	1,212	1,184	1,211	1,077	-----
Drug stores and proprietary stores.....do.....	(1)	11,971	825	974	894	950	970	936	978	940	974	1,038	1,630	1,006	-----
Estimated sales (seas. adj.), total ♀.....do.....	(1)	21,291	21,626	22,006	22,275	22,386	22,629	22,698	22,833	22,975	23,566	24,028	23,476	-----	
Auto and home supply stores.....do.....	(1)	251	252	263	252	248	255	261	281	276	276	278	282	-----	
Department stores.....do.....	(1)	5,993	6,049	6,107	6,277	6,302	6,291	6,315	6,320	6,327	6,443	6,526	6,346	-----	
Variety stores.....do.....	(1)	497	499	517	521	527	534	535	540	537	548	541	573	-----	
Grocery stores.....do.....	(1)	7,407	7,463	7,630	7,613	7,638	7,759	7,671	7,699	7,686	7,846	8,058	8,217	-----	
Apparel and accessory stores.....do.....	(1)	984	1,025	1,049	1,066	1,062	1,103	1,140	1,129	1,135	1,164	1,151	1,100	-----	
Women's clothing, spec. stores, furriers.....do.....	(1)	421	442	449	452	450	466	470	475	476	486	487	459	-----	
Shoe stores.....do.....	(1)	230	248	255	261	259	266	268	270	278	279	268	272	-----	
Drug stores and proprietary stores.....do.....	(1)	943	961	968	964	974	990	991	1,002	1,018	1,105	1,055	1,117	-----	
All retail stores, accts. receivable, end of yr. or mo.:															
Total (unadjusted).....mil. \$..	34,149	37,316	31,692	31,650	31,599	31,915	32,212	32,147	32,534	32,879	33,680	34,621	37,316	35,896	-----
Durable goods stores.....do.....	10,089	10,503	9,369	9,531	9,817	9,963	10,203	10,375	10,490	10,501	10,884	10,818	10,903	10,444	-----
Nondurable goods stores.....do.....	24,060	26,413	22,323	22,119	21,782	21,952	22,009	21,772	22,044	22,378	22,796	23,803	26,413	25,452	-----
Charge accounts.....do.....	10,659	11,599	9,823	10,011	10,029	10,171	10,399	10,319	10,513	10,589	10,973	11,138	11,599	11,016	-----
Installment accounts.....do.....	23,490	25,717	21,869	21,639	21,570	21,744	21,813	21,828	22,021	22,290	22,707	23,483	25,717	24,880	-----
Total (seasonally adjusted).....do.....	32,018	34,843	32,020	32,275	32,030	31,950	32,362	32,807	33,101	33,262	33,906	34,423	34,843	35,247	-----
Durable goods stores.....do.....	10,019	10,823	9,838	9,919	10,010	9,880	9,933	10,195	10,312	10,204	10,608	10,761	10,823	10,888	-----
Nondurable goods stores.....do.....	21,999	24,020	22,182	22,356	22,020	22,070	22,429	22,612	22,789	23,058	23,298	23,662	24,020	24,349	-----
Charge accounts.....do.....	10,490	11,331	10,346	10,371	10,077	9,820	10,097	10,381	10,749	10,685	10,891	11,129	11,331	11,314	-----
Installment accounts.....do.....	21,528	23,512	21,674	21,904	21,953	22,130	22,265	22,426	22,352	22,577	23,015	23,294	23,512	23,933	-----

LABOR FORCE, EMPLOYMENT, AND EARNINGS

POPULATION OF THE UNITED STATES																
Total, incl. armed forces overseas.....mil..	216.82	218.50	217.84	217.94	218.09	218.22	218.36	218.50	218.67	218.86	219.03	219.19	219.34	219.48	219.62	219.74
LABOR FORCE†																
Not Seasonally Adjusted																
Labor force, total (including armed forces), persons 16 years of age and over.....thous.....	99,534	102,537	100,048	100,565	100,984	101,422	104,276	104,755	104,169	102,961	103,677	103,776	103,740	102,961	103,343	103,755
Civilian labor force.....do.....	97,401	100,420	97,924	98,443	98,866	99,309	102,178	102,639	102,047	100,838	101,555	101,659	101,632	100,887	101,249	101,665
Employed, total.....do.....	90,546	94,373	91,185	91,964	93,180	93,851	95,852	96,202	96,116	95,041	96,095	96,029	95,906	94,436	94,765	95,501
Agriculture.....do.....	3,244	3,342	2,771	2,913	3,151	3,369	3,983	3,997	3,856	3,549	3,553	3,100	2,990	2,762	2,796	2,925
Nonagricultural industries.....do.....	87,302	91,031	88,413	89,051	90,029	90,483	91,869	92,204	92,261	91,492	92,541	92,929	92,916	91,673	91,969	92,576
Unemployed.....do.....	6,855	6,047	6,739	6,479	5,685	5,457	6,326	6,438	5,931	5,797	5,460	5,629	5,725	6,431	6,484	6,165
Seasonally Adjusted †																
Civilian labor force.....do.....	-----	-----	99,139	99,435	99,767	100,109	100,504	100,622	100,663	100,974	101,077	101,628	101,867	102,183	102,527	102,714
Employed, total.....do.....	-----	-----	93,047	93,282	93,704	93,953	94,640	94,446	94,723	95,010	95,241	95,751	95,855	96,300	96,647	96,842
Agriculture.....do.....	-----	-----	3,280	3,334	3,274	3,243	3,424	3,377	3,351	3,406	3,374	3,275	3,387	3,232	3,311	3,343
Nonagricultural industries.....do.....	-----	-----	89,767	89,948	90,430	90,710	91,216	91,069	91,372	91,604	91,867	92,476	92,468	93,068	93,335	93,499
Unemployed.....do.....	-----	-----	6,092	6,153	6,063	6,156	5,864	6,176	5,940	5,964	5,836	5,877	6,012	5,883	5,881	5,871
Long-term, 15 weeks and over.....do.....	1,911	1,379	1,559	1,488	1,486	1,404	1,266	1,314	1,234	1,268	1,317	1,196	1,208	1,251	1,260	1,305
Rates (unemployed in each group as percent of total in the group):																
All civilian workers.....do.....	7.0	6.0	6.1	6.2	6.1	6.1	5.8	6.1	5.9	5.9	5.8	5.8	5.9	5.8	5.7	5.7
Men, 20 years and over.....do.....	5.2	4.2	4.5	4.5	4.3	4.2	4.0	4.1	4.1	4.1	4.0	3.9	4.1	4.0	4.0	4.0
Women, 20 years and over.....do.....	7.0	6.0	5.8	5.9	6.0	6.2	6.1	6.4	5.9	5.9	5.6	5.8	5.8	5.7	5.7	5.7
Both sexes, 16-19 years.....do.....	17.7	16.3	17.2	17.0	16.7	16.5	15.1	16.3	15.7	16.3	16.2	16.2	16.5	15.7	16.1	15.5
White.....do.....	6.2	5.2	5.4	5.3	5.2	5.3	5.0	5.2	5.2	5.2	5.1	5.0	5.2	5.1	4.9	5.0
Black and other.....do.....	13.1	11.9	11.9	12.5	12.0	12.3	12.0	12.3	11.5	11.3	11.3	11.7	11.5	11.2	11.9	11.2
Married men, wife present.....do.....	3.6	2.8	2.9	3.0	2.8	2.9	2.7	2.7	2.8	2.6	2.6	2.4	2.5	2.6	2.6	2.6
Occupation: White-collar workers.....do.....	4.3	3.5	3.6	3.5	3.6	3.7	3.6	3.7	3.5	3.5	3.3	3.2	3.5	3.3	3.4	3.4
Blue-collar workers.....do.....	8.1	6.9	7.2	7.2	6.7	6.7	6.6	6.7	6.9	6.8	6.8	6.4	6.8	6.4	6.4	6.6
Industry of last job (nonagricultural):																
Private wage and salary workers.....do.....	7.0	5.9	6.1	6.1	5.9	6.0	5.7	6.0	5.8	5.8	5.6	5.6	5.8	5.7	5.6	5.5
Construction.....do.....	12.7	10.6	11.2	11.0	9.8	9.6	9.5	9.6	9.4	10.6	11.2	10.8	12.1	10.6	11.5	10.2
Manufacturing.....do.....	6.7	5.5	5.8	5.6	5.4	5.7	5.6	5.5	5.6	5.3	5.1	5.1	5.0	5.0	4.8	5.2
Durable goods.....do.....	6.2	4.9	5.1	5.0	4.5	5.1	4.9	5.0	5.4	4.8	4.6	4.6	4.4	4.4	4.1	4.3

† Revised 1 See note "†" on p. S-12; revised data for periods prior to May 1977 are not available. ‡ As of July 1.
 † See note "†" on p. S-12. ‡ Includes data for items not shown separately.
 † Revisions back to Oct. 1973 appear in "Population Estimates and Projections: Estimates of the Population of the United States and Components of Change—1930-75," P-25, No. 632 (July 1976), Bureau of the Census.

† Effective with the Feb. 1977 SURVEY, the labor force series reflect new seasonal factors. Data have been revised back to 1972; comparable monthly figures for 1972-75 appear in EMPLOYMENT AND EARNINGS (Feb. 1977), U.S. Department of Labor, Bureau of Labor Statistics.
 ‡ Effective March 1979 SURVEY, the civilian labor force series, seasonally adjusted, reflect revisions back to Jan. 1978; comparable data for earlier periods will be shown later.
 † Corrected.

	1977	1978	1978										1979		
	Annual	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. *	Mar. *

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

EMPLOYMENT†																
Employees on payrolls of nonagricultural estab.: Total, not adjusted for seasonal variation... thous.	82,256	85,760	82,962	83,897	85,075	85,796	86,800	85,925	86,134	86,688	87,303	87,800	88,054	*86,295	*86,503	87,243
Private sector (excl. government)..... do.....	67,177	70,282	67,363	68,171	69,309	69,988	71,109	70,996	71,375	71,556	71,745	72,097	72,367	*70,795	*70,791	71,456
Seasonally Adjusted†																
Total employees, nonagricultural payrolls† do.....	82,256	85,760	84,188	84,726	85,418	85,618	85,996	86,033	86,149	86,163	86,573	87,036	87,281	*87,524	*87,832	88,156
Private sector (excl. government)..... do.....	67,177	70,282	68,838	69,291	69,901	70,066	70,399	70,476	70,613	70,718	71,130	71,564	71,810	*72,063	*72,370	72,681
Nonmanufacturing industries..... do.....	47,530	49,951	48,699	49,061	49,619	49,759	50,083	50,174	50,335	50,432	50,694	50,963	51,081	*51,238	*51,468	51,639
Goods-producing..... do.....	24,289	25,381	24,724	24,927	25,313	25,341	25,473	25,501	25,603	25,671	25,770	25,872	26,030	*26,111	*26,201	26,343
Mining..... do.....	809	837	684	698	867	869	879	882	887	887	893	903	*904	*905	916	917
Contract construction..... do.....	3,833	4,213	3,901	3,999	4,164	4,175	4,278	4,317	4,298	4,298	4,341	4,368	4,397	*4,381	*4,383	4,454
Manufacturing..... do.....	19,647	20,331	20,139	20,230	20,282	20,297	20,316	20,302	20,278	20,286	20,436	20,601	20,729	*20,825	*20,902	20,972
Durable goods..... do.....	11,573	12,159	11,986	12,041	12,076	12,093	12,109	12,138	12,146	12,166	12,305	12,410	12,491	*12,562	*12,656	12,712
Lumber and wood products..... do.....	722	751	756	752	751	745	747	743	743	744	748	759	*765	*770	773	787
Furniture and fixtures..... do.....	463	486	487	491	491	489	486	485	481	480	484	487	491	*494	*494	491
Stone, clay and glass products..... do.....	668	696	691	692	699	700	701	698	692	692	696	701	707	*706	*708	713
Primary metal industries..... do.....	1,179	1,206	1,193	1,189	1,192	1,197	1,197	1,199	1,205	1,214	1,220	1,235	1,240	*1,241	*1,250	1,257
Fabricated metal products..... do.....	1,577	1,653	1,638	1,639	1,646	1,652	1,645	1,643	1,646	1,650	1,667	1,684	1,697	*1,706	*1,715	1,713
Machinery, except electrical..... do.....	2,179	2,337	2,271	2,289	2,309	2,311	2,332	2,345	2,351	2,358	2,391	2,404	2,425	*2,427	*2,464	2,477
Electrical equipment and supplies..... do.....	1,868	1,966	1,935	1,951	1,951	1,952	1,962	1,977	1,985	1,972	1,987	2,001	2,011	*2,007	*2,042	2,064
Transportation equipment..... do.....	1,862	1,956	1,928	1,944	1,936	1,942	1,929	1,937	1,941	1,943	1,991	2,010	2,021	*2,031	*2,065	2,081
Instruments and related prod. do.....	615	654	635	639	644	649	654	660	661	662	665	671	676	*681	*687	690
Miscellaneous manufacturing..... do.....	439	454	452	455	457	456	456	451	451	451	456	458	458	*459	*458	459
Nondurable goods..... do.....	8,074	8,172	8,153	8,189	8,206	8,204	8,207	8,164	8,132	8,120	8,131	8,191	8,238	*8,263	*8,246	8,260
Food and kindred products..... do.....	1,703	1,694	1,705	1,718	1,715	1,701	1,702	1,688	1,670	1,665	1,667	1,693	1,711	*1,716	*1,708	1,715
Tobacco manufactures..... do.....	74	73	74	76	74	75	76	73	69	70	71	72	72	*72	*71	73
Textile mill products..... do.....	914	911	917	916	911	913	908	909	903	907	907	910	910	*912	*911	908
Apparel and other textile products..... do.....	1,312	1,316	1,315	1,319	1,330	1,326	1,325	1,307	1,309	1,309	1,307	1,307	1,312	*1,318	*1,303	1,300
Paper and allied products..... do.....	693	702	699	703	706	709	709	698	698	697	692	700	705	*708	*714	718
Printing and publishing..... do.....	1,338	1,181	1,163	1,171	1,174	1,180	1,186	1,187	1,188	1,178	1,185	1,198	1,203	*1,209	*1,213	1,219
Chemicals and allied products..... do.....	1,071	1,088	1,081	1,081	1,085	1,093	1,091	1,091	1,089	1,088	1,098	1,093	1,097	*1,099	*1,099	1,100
Petroleum and coal products..... do.....	202	209	208	209	210	207	209	207	209	209	209	210	210	*211	*212	214
Rubber and plastics products, nec. do.....	712	748	738	744	748	747	749	749	746	744	752	761	771	*773	*775	775
Leather and leather products..... do.....	253	251	253	252	253	253	252	243	251	253	251	248	246	*245	*240	238
Service-producing..... do.....	57,968	60,380	59,464	59,799	60,105	60,277	60,523	60,532	60,686	60,692	60,903	61,164	61,251	*61,413	*61,631	61,813
Trans., comm., electric, gas, etc. do.....	4,696	4,858	4,782	4,817	4,847	4,847	4,881	4,827	4,846	4,855	4,922	4,947	4,967	*4,974	*5,004	5,031
Wholesale and retail trade..... do.....	18,492	19,392	19,071	19,169	19,252	19,355	19,412	19,469	19,523	19,546	19,632	19,701	19,697	*19,817	*19,910	19,999
Wholesale trade..... do.....	4,677	4,897	4,828	4,854	4,872	4,885	4,905	4,901	4,905	4,917	4,945	4,968	4,995	*5,020	*5,033	5,056
Retail trade..... do.....	13,795	14,496	14,243	14,315	14,380	14,450	14,507	14,568	14,618	14,629	14,687	14,733	14,702	*14,797	*14,877	14,943
Finance, insurance, and real estate..... do.....	4,452	4,676	4,591	4,605	4,623	4,637	4,670	4,690	4,707	4,719	4,737	4,774	4,789	*4,809	*4,828	4,844
Services..... do.....	15,249	15,976	15,773	15,866	15,866	15,896	15,963	15,989	16,074	16,127	16,169	16,270	16,327	*16,352	*16,427	16,444
Government..... do.....	15,079	15,478	15,350	15,435	15,517	15,562	15,597	15,557	15,536	15,445	15,443	15,472	15,471	*15,461	*15,462	15,495
Federal..... do.....	2,727	2,754	2,736	2,739	2,745	2,753	2,772	2,765	2,765	2,752	2,760	2,757	2,734	*2,755	*2,755	2,755
State and local..... do.....	12,352	12,723	12,614	12,696	12,772	12,809	12,825	12,792	12,771	12,693	12,683	12,715	12,737	*12,706	*12,707	12,740
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjusted... thous.	55,040	57,536	54,984	55,716	56,761	57,358	58,289	58,120	58,437	58,637	58,771	59,063	59,323	*57,746	*57,720	58,331
Manufacturing..... do.....	14,110	14,611	14,250	14,355	14,444	14,534	14,737	14,476	14,532	14,877	14,878	14,803	14,927	*14,793	*14,805	14,911
Seasonally Adjusted†																
Production or nonsupervisory workers on private nonagricultural payrolls†..... thous.	55,040	57,536	56,348	56,744	57,263	57,428	57,653	57,704	57,771	57,861	58,151	58,576	58,780	*58,914	*59,186	59,446
Goods-producing..... do.....	17,729	18,578	18,016	18,198	18,541	18,565	18,660	18,675	18,619	18,629	18,795	18,974	19,114	*19,151	*19,225	19,352
Mining..... do.....	615	628	494	509	655	659	663	667	668	671	675	683	682	*687	*694	690
Contract construction..... do.....	3,004	3,337	3,023	3,122	3,288	3,303	3,401	3,439	3,419	3,422	3,465	3,488	3,513	*3,468	*3,469	3,535
Manufacturing..... do.....	14,110	14,611	14,499	14,567	14,598	14,603	14,596	14,569	14,532	14,536	14,655	14,803	14,919	*14,996	*15,062	15,127
Durable goods..... do.....	8,291	8,727	8,620	8,661	8,676	8,685	8,683	8,694	8,693	8,706	8,816	8,909	8,985	*9,034	*9,114	9,162
Lumber and wood products..... do.....	616	644	650	647	646	639	641	637	636	636	641	649	654	*658	*660	658
Furniture and fixtures..... do.....	381	400	401	405	405	404	400	398	394	395	398	400	403	*405	*405	401
Stone, clay, and glass products..... do.....	533	554	551	552	558	557	558	554	549	548	551	556	561	*560	*562	568
Primary metal industries..... do.....	920	948	937	933	934	939	939	942	947	953	960	976	981	*981	*990	994
Fabricated metal products..... do.....	1,194	1,255	1,247	1,247	1,251	1,257	1,250	1,245	1,245	1,248	1,264	1,280	1,291	*1,295	*1,306	1,304
Machinery, except electrical..... do.....	1,425	1,537	1,493	1,507	1,517	1,516	1,533	1,547	1,544	1,550	1,571	1,581	1,603	*1,615	*1,630	1,641
Electrical equipment and supplies..... do.....	1,227	1,290	1,276	1,288	1,284	1,283	1,284	1,293	1,293	1,290	1,301	1,312	1,320	*1,334	*1,347	1,367
Transportation equipment..... do.....	1,284	1,351	1,332	1,342	1,337	1,344	1,327	1,328	1,336	1,337	1,370	1,393	1,407	*1,415	*1,440	1,450
Instruments and related prod. do.....	375	401	388	391	394	397	402	407	405	406	408	412	417	*420	*424	429
Miscellaneous manufacturing..... do.....	335	347	345	349	350	349	349	343	344	343	347	350	349	*351	*350	350
Nondurable goods..... do.....	5,819	5,884	5,879	5,906	5,922	5,918	5,913	5,875	5,839	5,830	5,839	5,894	5,934	*5,962	*5,948	5,965
Food and kindred products..... do.....	1,147	1,147	1,158	1,168	1,167	1,154	1,152	1,142	1,124	1,122	1,122	1,148	1,166	*1,174	*1,165	1,175
Tobacco manufactures..... do.....	60	58	60	60	59	61	61	58	54	56	57	56	58	*58	*57	59
Textile mill products..... do.....	795	793	798	798												

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. P

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

AVERAGE HOURS PER WEEK†																	
Seasonally Adjusted†																	
Avg. weekly hours per worker on private nonagric. payrolls: † Seasonally adjusted†																	
Not seasonally adjusted																	
Mining	43.4	43.4	43.2	43.7	44.0	43.4	43.4	43.0	43.6	43.0	43.3	43.7	43.4	43.4	43.7	43.4	43.9
Contract construction	36.5	36.7	35.6	36.9	37.3	36.6	37.3	37.3	37.1	37.0	36.9	36.8	37.2	35.9	36.4	37.3	37.3
Manufacturing: Not seasonally adjusted	40.3	40.4	39.6	40.4	40.4	40.4	40.8	40.3	40.4	40.7	40.6	40.9	41.4	40.1	40.3	40.6	40.6
Seasonally adjusted	40.1	40.6	40.8	40.4	40.4	40.5	40.5	40.3	40.4	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.8
Overtime hours	3.4	3.6	3.7	3.7	3.8	3.5	3.6	3.6	3.4	3.6	3.6	3.7	3.8	3.8	3.8	3.8	3.8
Durable goods	41.0	41.1	40.7	41.3	41.4	41.0	41.2	41.2	41.0	41.1	41.2	41.4	41.5	41.5	41.5	41.5	41.5
Overtime hours	3.7	3.8	4.0	3.9	4.0	3.7	3.7	3.8	3.6	3.8	3.9	4.0	4.1	4.2	4.2	4.1	4.1
Lumber and wood products	39.8	39.7	39.6	39.9	40.2	39.5	40.0	39.8	39.3	39.6	40.1	40.1	40.0	40.0	40.0	39.6	39.7
Furniture and fixtures	39.0	39.3	40.0	40.1	40.1	39.4	39.5	39.3	39.0	38.8	39.0	39.2	39.2	39.2	38.8	39.4	39.4
Stone, clay, and glass products	41.3	41.6	40.9	41.8	42.0	41.6	41.9	41.7	41.6	41.8	41.8	41.9	42.0	41.4	41.6	42.5	42.5
Primary metal industries	41.3	41.8	41.6	41.5	41.5	41.7	41.8	41.8	42.0	41.8	42.1	42.3	42.2	42.4	42.3	42.3	42.3
Fabricated metal productsⓄ	41.0	41.0	40.7	41.3	41.4	41.1	41.0	41.0	40.9	40.9	40.8	41.1	41.4	41.2	41.4	41.4	41.4
Machinery, except electrical	41.5	42.0	41.8	42.3	42.3	42.1	42.3	42.2	41.8	41.9	42.0	42.2	42.5	42.2	42.6	42.6	42.6
Electrical equipment and supplies	40.4	40.3	40.0	40.6	40.4	40.2	40.2	40.7	40.4	40.1	40.3	40.4	40.5	40.7	40.8	40.7	40.7
Transportation equipmentⓄ	42.5	42.1	40.9	42.1	42.4	41.8	42.0	42.1	41.8	42.5	42.6	42.9	42.9	43.0	42.7	42.3	42.3
Instruments and related productsⓄ	40.6	40.9	40.6	41.3	41.4	40.8	40.8	40.7	41.0	40.9	40.9	40.9	40.9	41.1	41.1	41.4	41.4
Miscellaneous manufacturing ind.	38.8	38.8	38.3	39.0	39.1	38.8	38.8	38.8	39.0	39.0	38.8	38.8	38.8	39.1	39.1	39.1	39.1
Nondurable goods	39.4	39.4	39.1	39.7	39.8	39.5	39.4	39.4	39.3	39.4	39.3	39.6	39.5	39.6	39.4	39.6	39.6
Overtime hours	3.2	3.2	3.3	3.3	3.4	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.3	3.3
Food and kindred products	40.0	39.8	39.7	40.0	40.1	39.8	39.6	39.8	39.5	39.5	39.9	40.0	40.0	40.1	39.7	40.2	40.2
Tobacco manufactures	37.9	38.2	38.3	38.9	38.7	38.7	39.6	38.6	37.7	37.9	38.7	37.4	38.1	36.7	36.7	37.7	37.7
Textile mill products	40.4	40.4	40.3	40.8	40.9	40.5	40.3	40.2	40.4	40.4	40.3	40.4	40.4	40.9	40.0	40.4	40.4
Apparel and other textile products	35.6	35.6	35.5	36.0	36.3	35.9	35.8	35.8	35.6	35.7	35.2	35.7	35.6	35.3	35.6	35.5	35.5
Paper and allied products	42.9	42.9	42.5	43.4	43.5	42.9	42.9	42.9	42.7	42.7	42.6	43.1	42.7	42.9	42.9	42.9	42.9
Printing and publishing	37.7	37.6	37.4	38.0	37.9	37.3	37.5	37.6	37.4	37.8	37.7	37.9	37.7	37.7	37.9	38.0	38.0
Chemicals and allied products	41.7	41.8	41.6	42.1	42.0	41.9	41.9	41.8	41.9	41.8	41.9	42.1	41.8	42.0	41.9	42.1	42.1
Petroleum and coal products	42.7	43.5	42.8	43.3	43.6	42.9	43.4	43.9	44.3	43.8	43.9	44.2	43.7	43.4	43.5	43.1	43.1
Rubber and plastics products, nec	41.0	40.9	39.8	40.7	41.3	41.1	41.1	40.9	40.9	41.0	41.0	41.1	41.2	41.5	41.6	41.4	41.4
Leather and leather products	36.9	37.1	36.4	37.1	38.1	37.6	37.4	37.2	37.1	37.2	37.1	36.8	36.7	37.0	36.2	36.3	36.3
Trans., comm., elec., gas, etc.	39.9	40.0	40.1	40.4	40.0	40.2	40.1	39.6	39.9	40.1	40.0	40.0	40.0	40.2	40.0	40.4	40.4
Wholesale and retail trade	33.3	32.8	32.7	33.0	33.0	32.9	32.8	32.9	32.8	32.8	32.9	32.8	32.9	32.4	32.5	32.6	32.6
Wholesale trade	38.8	38.8	38.7	38.9	39.0	38.7	38.8	38.7	38.8	38.9	38.9	38.8	38.9	38.7	38.7	38.9	38.9
Retail trade	31.6	31.0	30.9	31.2	31.2	31.1	31.0	31.1	30.9	30.9	31.0	30.9	31.0	30.5	30.6	30.7	30.7
Finance, insurance, and real estate	36.4	36.5	36.3	36.3	36.7	36.3	36.5	36.6	36.5	36.5	36.6	36.6	36.3	36.3	36.3	36.0	36.0
Services	33.0	32.8	32.9	33.0	33.0	32.9	32.8	32.8	32.7	32.8	32.8	32.7	32.5	32.6	32.7	32.8	32.8
AGGREGATE EMPLOYEE-HOURS																	
Seasonally Adjusted																	
Employee-hours, wage & salary workers in nonagric. establish. for 1 week in the month, seasonally adjusted at annual rate†																	
Total private sector	156.31	162.55	159.13	161.30	162.90	162.48	163.31	163.47	162.91	162.93	163.68	165.19	165.53	165.53	165.84	165.84	165.84
Mining	1.83	1.89	1.53	1.59	1.98	1.96	1.98	1.99	2.03	1.99	2.01	2.06	2.07	2.04	2.05	2.05	2.05
Contract construction	7.28	8.03	7.19	7.62	8.10	7.94	8.36	8.39	8.29	8.26	8.32	8.33	8.51	8.29	8.20	8.20	8.20
Manufacturing	40.96	42.47	41.89	42.53	42.57	42.44	42.49	42.54	42.22	42.30	42.60	43.14	43.51	43.71	43.87	43.87	43.87
Transportation, comm., elec., gas	9.74	10.12	10.04	10.12	10.11	10.15	10.18	9.93	10.05	10.11	10.21	10.27	10.35	10.31	10.37	10.37	10.37
Wholesale and retail trade	32.14	33.26	32.61	33.09	33.22	33.21	33.36	33.42	33.38	33.47	33.66	33.63	33.64	33.56	33.92	33.92	33.92
Finance, insurance, and real estate	8.44	8.87	8.66	8.42	8.84	8.78	8.88	8.94	8.93	8.96	9.01	9.03	9.05	9.12	9.10	9.10	9.10
Services	26.28	27.38	26.88	27.26	27.39	27.30	27.34	27.35	27.39	27.52	27.70	27.76	27.76	27.74	27.81	27.81	27.81
Government	29.64	30.53	30.32	30.36	30.69	30.69	30.71	30.92	30.62	30.32	30.18	30.97	30.63	30.77	30.51	30.51	30.51
Indexes of employee-hours (aggregate weekly): ††																	
Private nonagric. payrolls, total	115.4	120.2	117.1	119.1	120.4	120.0	120.6	120.6	120.4	120.8	121.6	122.4	122.9	122.6	123.3	124.3	124.3
Goods-producing	100.2	105.1	100.9	103.6	106.0	105.1	106.0	106.1	105.4	105.5	106.5	108.0	109.1	108.7	109.2	110.5	110.5
Mining	133.4	135.9	106.8	111.3	144.2	143.1	144.0	143.5	145.7	144.4	145.2	148.0	149.1	149.2	148.3	148.1	148.1
Contract construction	105.8	118.2	104.2	111.5	118.8	117.1	122.8	124.2	122.8	122.6	123.8	124.3	126.5	120.6	122.3	127.7	127.7
Manufacturing	98.0	101.8	100.1	102.0	102.5	101.6	101.7	101.6	101.0	101.2	102.1	103.7	104.6	105.1	105.5	106.2	106.2
Durable goods	98.7	104.2	101.9	103.9	104.2	103.5	103.8	104.0	103.5	103.9	105.5	107.1	108.3	108.8	109.8	110.5	110.5
Nondurable goods	97.1	98.2	97.4	99.2	99.9	98.9	98.7	98.1	97.2	97.2	98.8	99.1	99.9	99.9	99.3	100.0	100.0
Service-producing	126.0	130.6	128.4	129.8	130.5	130.5	130.7	130.7	130.8	131.4	132.0	132.3	132.5	132.3	133.1	134.0	134.0
Transportation, comm., elec., gas	105.9	108.6	107.7	109.1	108.7	109.0	109.4	106.5	107.7	108.2	109.9	110.2	110.3	111.2	111.3	113.0	113.0
Wholesale and retail trade	123.0	126.8	124.2	125.9	126.4	126.8	126.8	127.4	127.2	127.5	128.2	128.4	128.7	127.6	128.6	129.5	129.5
Wholesale trade	120.6	126.0	123.9	125.3	126.0	125.2	126.1	125.7	126.1	127.1	127.4	127.6	128.5	128.4	128.9	130.2	130.2
Retail trade	123.1	127.1	124.4	126.1	126.6	127.3	127.0	128.0	127.7	127.7	128.5	128.7	128.8	127.3	128.4	129.3	129.3
Finance, insurance, and real estate	131.3	138.0	135.1	135.4	137.5	136.2	137.9	139.0	139.2	139.6	140.5	140.6	140.9	141.7	142.0	141.4	141.4
Services	138.8	144.0	141.8	143.3	144.1	143.8	143.9	144.1	144.1	145.1	145.0	145.6	145.4	145.8	146.9	147.6	147.6
HOURLY AND WEEKLY EARNINGS																	
Average hourly earnings per worker: ††																	
Not seasonally adjusted:																	
Private nonagric. payrolls	5.24	5.68	5.49	5.52	5.59	5.62	5.65	5.69	5.71	5.82	5.86	5.88	5.91	5.96	5.99	6.02	6.02
Mining	6.94	7.61	6.93	6.95	7.62	7.64	7.69	7.82	7.79	7.94	7.97	8.05	8.05	8.20	8.24	8.19	8.19
Contract construction	8.09	8.62	8.32	8.40	8.39	8.52	8.56	8.63	8.72								

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. *	Mar. *

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

HOURLY AND WEEKLY EARNINGS—Con.																
Avg. hourly earnings per worker, private nonagric. payrolls. Not seas. adj. †—Continued																
Manufacturing—Continued																
Nondurable goods..... dollars.....	5.10	5.53	5.38	5.39	5.42	5.44	5.48	5.57	5.56	5.62	5.64	5.70	5.75	* 5.81	* 5.82	5.85
Excluding overtime..... do.....			5.17	5.19	5.21	5.24	5.26	5.35	5.33	5.38	5.41	5.47	5.52	* 5.59	* 5.60	5.63
Food and kindred products..... do.....	5.37	5.80	5.68	5.69	5.73	5.75	5.75	5.80	5.80	5.87	5.89	5.97	6.02	* 6.09	* 6.10	6.13
Tobacco manufactures..... do.....	5.62	6.27	6.06	6.30	6.33	6.41	6.61	6.58	6.30	6.10	5.99	6.18	6.32	* 6.47	* 6.63	6.75
Textile mill products..... do.....	3.98	4.29	4.16	4.17	4.17	4.19	4.20	4.32	4.37	4.42	4.42	4.45	4.48	* 4.52	* 4.50	4.51
Apparel and other textile products..... do.....	3.62	3.94	3.85	3.89	3.91	3.89	3.92	3.93	3.93	3.99	4.01	4.04	4.07	* 4.17	* 4.16	4.18
Paper and allied products..... do.....	5.96	6.52	6.32	6.32	6.33	6.37	6.51	6.63	6.59	6.68	6.68	6.75	6.79	* 6.80	* 6.84	6.87
Printing and publishing..... do.....	6.11	6.47	6.34	6.37	6.37	6.38	6.42	6.47	6.51	6.58	6.58	6.64	6.68	* 6.69	* 6.69	6.73
Chemicals and allied products..... do.....	6.43	7.01	6.82	6.83	6.87	6.93	6.96	7.05	7.06	7.13	7.19	7.22	7.28	* 7.32	* 7.33	7.36
Petroleum and coal products..... do.....	7.82	8.60	8.57	8.50	8.53	8.52	8.52	8.58	8.59	8.67	8.67	8.75	8.86	* 8.99	* 9.08	9.18
Rubber and plastics products, nec..... do.....	5.17	5.50	5.33	5.32	5.36	5.43	5.47	5.51	5.54	5.58	5.66	5.69	5.75	* 5.80	* 5.82	5.85
Leather and leather products..... do.....	3.41	3.90	3.84	3.86	3.87	3.88	3.89	3.89	3.87	3.92	3.94	3.98	4.01	* 4.13	* 4.11	4.16
Transportation, comm., elec., gas..... do.....	6.99	7.54	7.37	7.34	7.45	7.45	7.47	7.53	7.63	7.71	7.72	7.72	7.82	* 7.83	* 7.83	7.83
Wholesale and retail trade..... do.....	4.27	4.66	4.54	4.56	4.60	4.61	4.62	4.66	4.67	4.74	4.78	4.80	4.80	* 4.96	* 4.97	4.98
Wholesale trade..... do.....	5.39	5.88	5.66	5.69	5.78	5.78	5.81	5.91	5.92	6.02	6.06	6.08	6.15	* 6.19	* 6.20	6.23
Retail trade..... do.....	3.85	4.19	4.10	4.11	4.14	4.15	4.16	4.19	4.19	4.25	4.28	4.30	4.31	* 4.47	* 4.48	4.47
Finance, insurance, and real estate..... do.....	4.54	4.90	4.76	4.76	4.84	4.85	4.89	4.93	4.91	4.97	5.02	5.03	5.07	* 5.13	* 5.19	5.18
Services..... do.....	4.65	4.99	4.91	4.91	4.95	4.95	4.93	4.95	4.94	5.00	5.12	5.13	5.16	* 5.24	* 5.27	5.28
Seasonally adjusted: †																
Private nonagricultural payrolls..... do.....	5.24	5.68	5.49	5.54	5.61	5.62	5.66	5.71	5.73	5.77	5.82	5.87	5.91	* 5.96	* 5.99	6.04
Mining..... do.....	6.94	7.61	6.92	6.94	7.63	7.66	7.71	7.85	7.88	7.94	7.99	8.03	8.05	* 8.12	* 8.22	8.18
Contract construction..... do.....	8.09	8.62	8.35	8.47	8.47	8.59	8.65	8.66	8.72	8.87	8.77	8.82	8.87	* 8.92	* 9.04	9.06
Manufacturing..... do.....	5.67	6.16	5.98	6.01	6.05	6.08	6.12	6.18	6.20	6.28	6.32	6.38	6.43	* 6.45	* 6.52	6.57
Transportation, comm., elec., gas..... do.....	6.99	7.54	7.38	7.40	7.49	7.50	7.52	7.53	7.58	7.71	7.66	7.68	7.75	* 7.83	* 7.84	7.89
Wholesale and retail trade..... do.....	4.27	4.66	4.50	4.55	4.60	4.60	4.63	4.67	4.70	4.74	4.77	4.81	4.83	* 4.93	* 4.93	4.97
Finance, insurance, and real estate..... do.....	4.54	4.90	4.71	4.75	4.84	4.84	4.89	4.95	4.92	4.97	5.03	5.06	5.05	* 5.09	* 5.13	5.16
Services..... do.....	4.65	4.99	4.87	4.90	4.95	4.94	4.96	5.01	5.02	5.06	5.10	5.11	5.14	* 5.21	* 5.22	5.26
Indexes of avg. hourly earnings, seas. adj.: † †																
Private nonfarm economy:																
Current dollars..... 1967=100.....	196.8	212.6	206.6	208.3	210.3	211.0	212.3	214.1	214.6	216.2	218.0	219.0	220.7	* 222.6	* 223.7	225.4
1967 dollars..... do.....	108.4	108.9	109.4	109.5	109.6	109.1	108.8	109.1	108.7	108.7	108.8	108.6	108.6	* 108.5	* 107.7	-----
Mining..... do.....	214.8	238.5	221.0	222.5	237.1	237.3	239.8	244.3	244.5	247.1	249.7	249.8	249.1	* 251.7	* 254.3	253.8
Contract construction..... do.....	194.3	206.8	200.1	203.0	203.5	206.0	207.6	207.9	209.2	209.9	210.6	211.4	212.5	* 213.4	* 216.1	217.3
Manufacturing..... do.....	199.4	215.7	209.4	211.0	212.2	213.5	214.7	216.7	217.5	218.9	220.8	222.4	224.1	* 225.4	* 227.1	229.1
Transportation, comm., elec., gas..... do.....	213.2	230.1	224.9	225.6	228.4	229.2	229.6	230.4	231.2	233.3	234.0	234.7	238.3	* 238.9	* 239.0	240.6
Wholesale and retail trade..... do.....	189.5	206.5	199.7	201.5	203.5	204.0	205.2	207.6	208.3	209.9	211.6	213.0	214.6	* 217.8	* 218.4	220.0
Finance, insurance, and real estate..... do.....	180.7	194.6	187.3	188.9	192.3	192.4	194.6	196.9	196.0	198.2	199.8	200.8	202.0	* 202.3	* 203.9	205.2
Services..... do.....	197.9	212.5	206.8	208.7	210.5	210.4	211.5	213.2	212.9	214.8	217.5	217.8	218.9	* 221.7	* 222.0	223.9
Hourly wages, not seasonally adjusted:																
Construction wages, 20 cities (ENR): ♂																
Common labor..... \$ per hr.....	9.46	10.08	9.78	9.82	9.83	9.87	9.96	10.26	10.27	10.31	10.33	10.34	10.37	10.37	10.40	10.40
Skilled labor..... do.....	12.56	13.36	13.03	13.04	13.04	13.09	13.19	13.55	13.61	13.66	13.68	13.72	13.73	13.76	13.79	13.80
Farm (U.S.) wage rates, hired workers, by method of pay:																
All workers, including piece-rate..... \$ per hr.....	2.87	3.07	-----	-----	3.09	-----	-----	2.93	-----	-----	3.18	-----	-----	3.37	-----	-----
All workers, other than piece-rate..... do.....	2.82	3.02	-----	-----	3.05	-----	-----	2.90	-----	-----	3.11	-----	-----	3.33	-----	-----
Workers receiving cash wages only..... do.....	3.06	3.22	-----	-----	3.22	-----	-----	3.06	-----	-----	3.34	-----	-----	3.60	-----	-----
Workers paid per hour, cash wages only..... do.....	2.90	3.10	-----	-----	3.08	-----	-----	3.00	-----	-----	3.20	-----	-----	3.34	-----	-----
Railroad wages (average, class I)..... do.....	7.481	-----	-----	-----	-----	-----	7.716	-----	-----	-----	-----	-----	-----	-----	-----	-----
Avg. weekly earnings per worker, † private nonfarm: †																
Current dollars, seasonally adjusted.....	-----	-----	195.99	199.44	202.52	201.76	203.19	204.99	205.13	206.57	208.94	210.15	212.17	* 212.77	* 214.44	216.84
1967 dollars, seasonally adjusted.....	-----	-----	103.81	104.86	105.59	104.21	104.20	104.48	103.97	103.86	104.16	104.14	104.41	* 103.69	* 103.25	-----
Spendable earnings (worker with 3 dependents):																
Current dollars, seasonally adjusted.....	-----	-----	174.93	177.52	179.83	179.26	180.33	181.68	181.78	182.86	184.64	185.55	187.06	* 189.26	* 190.56	192.43
1967 dollars, seasonally adjusted.....	-----	-----	92.65	93.33	93.76	92.69	92.48	92.60	92.13	91.94	92.04	91.95	92.06	* 92.23	* 91.75	-----
Current dollars, not seasonally adjusted:																
Private nonfarm, total..... dollars.....	188.64	203.34	193.80	197.62	200.12	200.63	204.53	206.55	206.70	209.52	210.37	210.15	212.99	* 209.79	* 212.05	214.31
Mining..... do.....	301.20	330.27	297.30	301.63	332.23	331.58	336.05	337.82	338.09	345.39	348.29	351.35	* 351.85	* 347.88	* 349.38	348.80
Contract construction..... do.....	295.29	316.35	287.87	304.92	310.43	312.68	324.42	329.67	330.49	332.63	336.55	323.60	* 330.04	* 310.02	* 318.60	329.93
Manufacturing..... do.....	228.50	248.86	236.81	242.40	243.61	245.23	249.29	248.65	248.86	255.60	256.59	260.53	267.86	* 260.25	* 262.76	266.34
Durable goods..... do.....	248.46	270.03	256.71	263.04	265.33	265.27	270.58	268.71	268.71	277.79	279.19	283.30	292.72	* 282.62	* 285.65	290.21
Nondurable goods..... do.....	200.94	217.88	208.21	212.37	213.55	213.79	217.56	220.02	220.18	223.68	222.78	226.46	229.43	* 226.59	* 226.98	230.49
Transportation, comm., elec., gas..... do.....	278.90	301.60	294.80	294.33	296.51	297.26	301.04	301.20	307.49	309.94	309.57	309.20	* 313.50	* 310.07	* 312.42	313.98
Wholesale and retail trade..... do.....	142.19	152.85	146.64	149.11	150.42	150.75	153.38	157.04	156.45	155.47	156.31	156.48	* 158.55	* 158.22	* 159.54	160.85
Wholesale trade..... do.....	209.13	228.14	217.34	220.20	224.26	223.69	226.59	230.49	230.88	234.78	236.34	236.51	240.47	* 237.70	* 238.08	241.10
Retail trade..... do.....	121.66	129.89	122.36	122.88	127.26	133.57	127.40	134.08	133.24	131.33	131.82	131.58	134.90	* 133.65	* 134.85	135.44
Finance, insurance, and real estate..... do.....	165.26	178.85	173.26	172.79	177.14	176.06	178.49	180.93	179.71	180.91	183.73	182.59	182.95	* 186.73	* 188.92	186.48
Services..... do.....	153.45	163.67	160.56	161.05	162.36	161.37	162.69	164.84	164.01	165.46	167.42	167.24	* 168.22	* 169.78	* 171.28	172.13
HELP-WANTED ADVERTISING																
Seasonally adjusted index..... 1967=100.....	118	149	139	141	146	144	147	150	151	152	161	161	165	161	158	-----
LABOR TURNOVER																
Manufacturing establishments:																
Unadjusted for seasonal variation																
Accession rate, total																
mo. rate per 100 employees.....	4.0	4.1	3.2	3.7	4.0	4.7	4.8	4.4	5.3	4.8	4.3	3.3	2.3	4.0	3.3	-----
New hires..... do.....	2.8	3.0	2.2	2.6	2.9	3.6	3.8	3.2	4.1	3.9						

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

UNEMPLOYMENT INSURANCE																
Unemployment insurance programs:																
Insured unemployment, all programs, average weekly \$ ¹.....thous	3,304	3,311	3,638	3,212	2,659	2,369	2,297	2,581	2,394	2,064	1,999	2,148	2,567	3,198	3,209	2,921
State programs (excl. extended duration prov.):																
Initial claims.....thous	19,488	18,002	1,692	1,442	1,211	1,229	1,349	1,690	1,372	1,059	1,288	1,526	1,882	2,386	1,552	
Insured unemployment, avg. weekly.....thous	2,655	2,358	3,273	2,901	2,379	2,051	1,962	2,265	2,168	1,860	1,816	2,009	2,421	3,037	3,053	2,750
Percent of covered employment: Δ																
Unadjusted.....	3.9	4.0	4.7	4.2	3.4	2.9	2.8	3.2	3.0	2.6	2.4	2.7	3.2	3.9	4.0	3.6
Seasonally adjusted.....			3.6	3.5	3.1	3.1	3.4	3.6	3.3	3.1	3.1	3.1	3.1	3.1	3.1	3.0
Beneficiaries, average weekly.....thous	2,178	1,944	2,753	2,615	2,140	1,724	1,653	1,680	1,811	1,552	1,456	1,536	1,883	2,474	2,713	
Benefits paid \$.....mil. \$	8,773.0	8,226.6	919.2	1,002.0	704.6	688.9	579.0	557.8	677.4	521.0	519.7	550.7	646.1	970.8	917.6	
Federal employees, insured unemployment, average weekly.....thous																
	46	34	42	38	32	29	28	31	32	31	34	32	34	37	35	33
Veterans' program (UCX):																
Initial claims.....do	354	273	23	23	18	20	23	24	25	23	23	22	24	24	24	
Insured unemployment, avg. weekly.....do	80	53	69	59	52	47	45	49	50	48	49	48	50	54	52	
Beneficiaries, average weekly.....do	78	54	65	60	55	47	46	46	51	53	46	51	54	59	54	
Benefits paid.....mil. \$	341.5	248.3	22.6	24.5	19.7	19.2	18.2	17.8	21.5	18.3	18.9	20.6	21.0	25.1	21.1	
Railroad program:																
Applications.....thous	104	180	12	7	3	2	8	16	28	8	15	10	8	13	6	
Insured unemployment, avg. weekly.....do	21	25	41	35	22	13	11	16	33	31	23	17	17	24	25	23
Benefits paid.....mil. \$	99.8	89.0	16.9	18.4	10.4	5.3	5.9	3.9	1.5	1.4	1.0	5.4	5.7	9.6	9.9	

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances.....mil. \$	25,450	33,700	25,411	26,181	26,256	26,714	28,289	27,579	28,319	27,952	30,579	32,145	33,700	33,749	34,337	
Commercial and financial co. paper, total.....do	63,977	82,236	67,116	67,215	70,700	71,900	72,884	73,809	73,273	74,994	78,518	81,890	82,236	86,232	88,971	
Financial companies.....do	49,322	63,857	51,785	51,562	53,983	55,892	56,277	56,633	56,236	57,373	59,917	62,584	63,857	66,451	68,515	
Dealer placed.....do	8,926	12,350	9,940	8,972	9,693	10,201	9,830	10,258	10,511	10,966	11,219	11,842	12,350	13,408	13,929	
Directly placed.....do	40,396	51,507	42,445	42,590	44,290	45,691	46,447	46,375	45,725	46,407	48,698	50,742	51,507	53,043	54,586	
Nonfinancial companies.....do	14,655	18,379	15,331	15,653	16,717	16,008	16,607	17,176	17,037	17,621	18,601	19,306	18,379	19,781	20,456	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of period.....mil. \$	41,713	47,344	42,663	43,632	44,329	44,666	44,926	45,201	45,614	46,051	46,729	47,053	47,344	48,374	49,351	
Farm mortgage loans:																
Federal land banks.....do	22,139	25,596	22,581	22,927	23,185	23,526	23,866	24,152	24,467	24,760	25,070	25,355	25,596	26,020	26,355	
Loans to cooperatives.....do	5,600	6,102	6,277	6,800	6,939	6,631	6,114	5,747	5,634	5,642	6,214	6,382	6,102	6,732	7,255	
Other loans and discounts.....do	13,974	15,646	13,806	13,905	14,205	14,509	14,945	15,302	15,513	15,649	15,445	15,316	15,646	15,622	15,740	
Bank debits to demand deposit accounts, except interbank and U.S. Government accounts, annual rates, seasonally adjusted:																
Total (233 SMSA's).....bil. \$		(1)														
New York SMSA.....do		(2)														
Total 232 SMSA's (except N.Y.).....do		(2)														
6 other leading SMSA's.....do		(1)														
226 other SMSA's.....do		(2)														
Federal Reserve banks condition, end of period:																
Assets, total \$.....mil. \$	139,889	153,151	134,500	136,643	141,394	141,977	148,127	146,137	148,947	153,075	156,320	153,098	153,151	147,138	147,749	151,683
Reserve bank credit outstanding, total \$.....do	116,303	123,488	110,235	113,604	116,621	116,607	124,439	123,607	126,311	129,675	129,266	129,255	123,488	119,730	121,207	124,177
Time loans.....do	265	1,174	304	332	1,750	1,167	1,428	1,127	954	1,365	1,207	813	1,174	4,366	1,603	964
U.S. Government securities.....do	102,819	110,562	98,540	101,577	103,500	102,826	110,146	106,885	111,739	115,279	115,322	113,305	110,562	101,279	103,486	110,940
Gold certificate account.....do	11,718	11,671	11,178	11,718	11,718	11,718	11,706	11,693	11,679	11,668	11,655	11,642	11,671	11,592	11,544	11,479
Liabilities, total \$.....do	139,889	153,151	134,500	136,643	141,394	141,977	148,127	146,137	148,947	153,075	156,320	153,098	153,151	147,138	147,749	151,683
Deposits, total.....do	35,550	36,972	30,805	33,697	36,663	33,647	40,595	39,910	40,773	44,430	42,563	39,452	36,972	34,666	34,288	38,352
Member-bank reserve balances.....do	26,870	31,152	26,047	27,900	28,321	30,135	27,920	28,461	27,705	26,830	26,260	31,919	31,152	29,931	29,733	31,615
Federal Reserve notes in circulation.....do	93,153	103,325	90,703	91,666	92,331	94,570	95,345	95,571	96,534	96,572	98,154	100,825	103,325	99,354	99,999	100,654
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$	136,471	141,572	36,738	36,231	36,880	37,119	37,262	38,189	37,666	37,689	38,434	39,728	41,572	43,187	40,703	40,336
Required.....do	136,297	141,447	36,605	35,925	36,816	36,867	37,125	38,049	37,404	37,614	38,222	39,423	41,447	42,865	40,494	40,060
Excess.....do	174	125	133	306	64	252	137	140	262	75	212	305	125	302	209	276
Borrowings from Federal Reserve banks.....do	1,558	1,874	405	344	539	1,227	1,111	1,286	1,147	1,068	1,261	722	874	994	973	998
Free reserves.....do	1,330	1,615	220	9	432	882	854	1,003	697	802	828	232	615	580	650	602
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.:																
Deposits: ¹																
Demand, adjusted ².....mil. \$	120,472	113,248	112,191	112,769	112,127	113,822	113,522	116,955	114,813	113,870	118,184	114,248	113,248	101,765	98,781	97,101
Demand, total \$.....do	200,280	203,092	191,501	177,269	188,146	206,908	187,760	192,013	186,539	191,858	201,237	191,695	203,092	176,356	180,383	169,110
Individuals, partnerships, and corp.....do	143,533	144,438	136,293	128,408	133,580	144,852	133,823	138,220	135,136	135,128	142,470	138,612	144,438	124,481	126,009	120,176
State and local governments.....do	6,346	5,309	6,377	5,665	6,510	6,144	6,182	6,632	5,592	5,802	6,709	5,672	5,309	5,364	5,224	4,355
U.S. Government.....do	3,744	981	2,745	2,702	3,714	1,325	2,909	1,444	1,031	5,970	1,303	954	981	1,411	862	763
Domestic commercial banks.....do	29,275	34,086	29,172	24,482	26,886	35,975	27,540	28,213	27,563	28,666	31,091	29,773	34,086	29,036	31,681	26,546
Time, total \$.....do	252,424	258,061	254,902	260,621	261,462	265,176	266,884	267,169	270,102	272,480	276,533	280,971	258,061	258,293	257,738	256,756
Individuals, partnerships, and corp.:.....do																
Savings.....do	92,461	77,865	92,641	94,013	93,202	93,405	92,883	91,857	91,590	91,633	90,783	90,044	77,865	76,480	76,023	76,831
Other time.....do	121,400	141,940	122,262	126,550	128,296	131,672	134,330	135,919	137,422	139,485	143,895	148,290	141,940	142,539	142,730	141,430
Loans (adjusted), total \$.....do	324,557	347,246	323,040	325,163	332,251	339,652	341,669	345,594	348,636	353,784	365,297	366,087	347,246	341,879	343,926	345,057
Commercial and industrial.....do	125,534	134,038	126,609	128,805	131,654	134,601	135,528	135,467	134,981	136,710	139,878	140,573	134,038	131,604	133,899	135,918
For purchasing or carrying securities.....do	13,638	10,655	12,612	11,521	12,481	12,296	12,335	12,172	12,490	12,865	13,048	10,971	10,655	10,979	10,287	9,731
To nonbank financial institutions.....do	23,904	24,166	22,370	22,589	22,931	23,023	22,991	23,520	23,576	24,022	24,692	24,119	24,166	23,297	22,980	22,695
Real estate loans.....do	74,600	80,655	75,897	76,788	77,936	79,156	80,530	82,621	84,410	85,882	87,588	88,929	80,655	81,849	82,387	83,274
Other loans.....do	111,547	119,560	106,727	107,664	108,766	117,686	113,196	114,293	113,853	114,813	120,965	125,474</				

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FINANCE—Continued

BANKING—Continued																
Commercial bank credit (last Wed. of mo., except for June 30 and Dec. 31 call dates), seas adj.: [†]																
Total loans and investments [⊙]bil. \$.....	865.4	967.3	881.9	888.8	904.8	917.9	922.4	935.2	939.2	947.1	955.4	966.3	967.3	-----	-----	-----
Loans [⊙]do.....	612.9	709.0	625.4	633.5	645.0	657.9	661.2	672.0	677.2	684.4	693.7	706.7	709.0	-----	-----	-----
U.S. Government securities.....do.....	93.5	88.4	97.5	96.5	98.4	97.1	98.4	99.7	97.0	96.3	94.3	90.3	88.4	-----	-----	-----
Other securities.....do.....	159.0	169.9	159.0	158.8	161.4	162.9	162.8	163.5	165.0	166.4	167.4	169.3	169.9	-----	-----	-----
Money and interest rates: [§]																
Bank rates on short-term business loans:																
In 35 centers.....percent per annum.....	([⊙])	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New York City.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7 other northeast centers.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8 north central centers.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7 southeast centers.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8 southwest centers.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4 west coast centers.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Discount rate (N.Y.F.R. Bank), end of year or month.....percent.....	6.00	9.50	6.50	6.50	6.50	6.84	7.00	7.23	7.43	7.83	8.26	9.50	9.50	9.50	9.50	9.50
Federal intermediate credit bank loans.....do.....	1 6.93	1 8.01	7.48	7.64	7.76	7.86	7.94	8.05	8.18	8.27	8.38	8.50	8.70	9.16	9.48	9.69
Home mortgage rates (conventional 1st mortgages): [¶]																
New home purchase (U.S. avg.).....percent.....	1 8.80	1 9.30	8.96	9.03	9.07	9.14	9.23	9.34	9.45	9.50	9.60	9.63	9.76	9.92	* 9.94	10.04
Existing home purchase (U.S. avg.).....do.....	1 8.83	1 9.36	8.99	9.04	9.14	9.17	9.27	9.41	9.55	9.62	9.68	9.74	9.85	10.08	* 10.14	10.22
Open market rates, New York City:																
Bankers' acceptances (prime, 90 days).....do.....	2 5.59	2 8.11	6.82	6.79	6.92	7.32	7.75	8.02	7.98	8.54	9.32	10.53	10.55	10.29	10.01	9.94
Commercial paper (prime, 4-6 months).....do.....	2 5.60	2 7.99	6.80	6.80	6.86	7.11	7.63	7.91	7.90	8.44	9.03	10.23	10.43	10.32	10.01	9.96
Finance co. paper placed directly, 3-6 mo. do.....	2 5.49	2 7.78	6.74	6.73	6.74	6.98	7.41	7.66	7.65	8.18	8.78	9.82	10.06	10.10	9.85	9.73
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue).....percent.....	2 5.265	2 7.221	6.457	6.319	6.306	6.430	6.707	7.074	7.036	7.836	8.132	8.787	9.122	9.351	9.265	9.457
3-5 year issues.....do.....	2 6.85	2 8.30	7.76	7.76	7.90	8.10	8.31	8.54	8.31	8.38	8.61	8.97	9.23	9.36	9.16	9.25
CONSUMER INSTALLMENT CREDIT †																
Total extended and liquidated:																
Unadjusted:																
Extended.....mil. \$.....	254,071	298,574	18,959	24,611	23,985	26,898	28,244	25,266	28,313	24,859	25,290	25,946	27,478	22,608	21,797	-----
Liquidated.....do.....	218,793	253,508	18,538	21,318	19,970	21,383	21,750	21,234	22,596	21,086	22,845	22,079	21,283	22,902	21,325	-----
Seasonally adjusted:																
Extended, total [‡]do.....	-----	-----	22,758	23,925	24,682	25,104	25,565	25,022	25,669	25,537	25,758	26,214	26,500	25,544	26,202	-----
By major holder:																
Commercial banks.....do.....	-----	-----	10,792	11,382	12,102	12,067	12,382	12,187	12,255	12,123	12,182	12,476	12,521	12,153	12,430	-----
Finance companies.....do.....	-----	-----	3,698	3,857	4,158	4,179	4,223	4,261	4,348	4,372	4,605	4,512	4,679	4,547	4,822	-----
Credit unions.....do.....	-----	-----	3,086	3,282	3,257	3,484	3,445	3,271	3,379	3,360	3,401	3,530	3,526	3,241	3,238	-----
Retailers.....do.....	-----	-----	3,232	3,438	3,337	3,408	3,552	3,477	3,725	3,718	3,518	3,571	3,612	3,565	3,460	-----
By major credit type:																
Automobile.....do.....	-----	-----	6,730	7,043	7,434	7,592	7,595	7,652	7,744	7,542	7,501	7,787	7,833	7,545	7,756	-----
Revolving.....do.....	-----	-----	8,147	8,393	8,523	8,563	9,062	8,700	9,028	9,006	8,846	9,176	8,424	9,417	9,357	-----
Mobile home.....do.....	-----	-----	405	493	529	510	510	509	531	494	604	486	502	369	454	-----
Liquidated, total [‡]do.....	-----	-----	19,896	19,849	20,576	20,824	21,358	21,556	22,037	21,857	22,384	22,115	22,100	22,483	22,894	-----
By major holder:																
Commercial banks.....do.....	-----	-----	9,149	9,169	9,655	9,807	9,995	10,087	10,470	10,409	10,565	10,551	10,441	10,823	10,800	-----
Finance companies.....do.....	-----	-----	3,147	3,178	3,279	3,318	3,599	3,590	3,612	3,525	3,742	3,494	3,581	3,206	3,617	-----
Credit unions.....do.....	-----	-----	2,457	2,517	2,587	2,635	2,648	2,758	2,786	2,721	2,757	2,751	2,753	2,881	2,836	-----
Retailers.....do.....	-----	-----	3,427	3,228	3,279	3,273	3,318	3,333	3,383	3,390	3,403	3,385	3,416	3,655	3,681	-----
By major credit type:																
Automobile.....do.....	-----	-----	5,397	5,409	5,622	5,715	5,953	5,941	6,140	6,010	6,126	6,032	6,053	5,865	6,191	-----
Revolving.....do.....	-----	-----	7,698	7,566	7,840	7,919	8,107	8,100	8,291	8,384	8,500	8,511	8,555	8,984	9,040	-----
Mobile home.....do.....	-----	-----	389	398	417	426	440	426	452	422	579	411	431	329	398	-----
Total outstanding, end of year or month.....do.....	230,829	275,640	230,547	233,842	237,855	243,371	249,865	253,897	259,614	263,387	265,821	269,445	275,640	275,346	275,818	-----
By major holder: [‡]																
Commercial banks.....do.....	112,373	136,189	113,205	115,050	117,654	120,440	124,060	126,619	129,622	131,403	132,702	133,908	136,189	136,452	136,671	-----
Finance companies.....do.....	44,868	54,309	45,099	45,608	46,493	47,580	48,637	49,502	50,558	51,280	51,984	53,099	54,309	55,004	55,728	-----
Credit unions.....do.....	37,605	45,939	37,758	38,724	39,236	40,491	41,936	42,355	43,499	44,325	44,635	45,305	45,939	45,526	45,661	-----
Retailers.....do.....	23,490	24,876	21,869	21,639	21,570	21,744	21,813	21,828	22,063	22,302	22,464	23,006	24,876	23,962	23,246	-----
By major credit type: [‡]																
Automobile.....do.....	82,911	102,468	83,826	85,757	87,747	90,359	93,361	95,289	97,687	99,062	100,159	101,565	102,468	102,890	103,780	-----
Revolving.....do.....	39,274	47,051	38,143	38,034	38,426	38,967	40,001	40,553	41,629	42,420	42,579	43,523	47,051	46,516	45,586	-----
Mobile home.....do.....	15,141	16,042	15,070	15,149	15,287	15,396	15,532	15,693	15,799	15,910	15,925	16,017	16,042	16,004	16,008	-----

[†] Revised. [‡] Preliminary. ¹ Average for year. ² Daily average. ³ Data no longer available.
[⊙] Adjusted to exclude interbank loans. [§] For bond yields, see p. S-21. [†] Beginning Jan. 1959, monthly data have been revised to reflect new seasonal factors and adjustment to benchmarks for the latest call date (Dec. 31, 1975). Revisions are available from the Federal Reserve Board, Washington, D.C. 20551. [†] Beginning Jan. 1979 SURVEY, the consumer credit group has been completely restructured. Comparable data prior to Nov. 1977 are available from the Federal Reserve Board, Washington, D.C. 20551. [†] Beginning Jan. 1973, data have been revised; revisions for Jan. 1973-April 1975 will be shown later. [‡] Includes data for items not shown separately.

NOTES FOR P.S-17:

[⊙] Data beginning Dec. 1978 reflect a reduction in number of banks reporting (from 317 to 171) and changes in consolidation basis as well as content of several asset and liability items. Comparable data for earlier periods will be available later.
[†] Beginning Dec. 1978, data are for all investment account securities; not comparable with those shown for earlier periods.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FINANCE—Continued																
FEDERAL GOVERNMENT FINANCE																
Budget receipts and outlays:																
Receipts (net).....mil. \$..	1 357,762	1 401,997	26,795	24,879	42,343	34,961	47,657	29,194	35,040	42,591	28,745	33,227	37,477	38,364		
Outlays (net).....do.....	1 402,725	1 450,836	33,787	40,004	35,724	36,670	38,602	36,426	39,572	38,935	42,691	39,134	41,392	41,095		
Budget surplus or deficit (-).....do.....	1 44,863	1 48,839	-6,992	-15,125	6,618	-1,709	9,055	-7,232	-4,532	3,655	-13,946	-5,907	-3,915	-2,731		
Budget financing, total.....do.....	1 44,863	1 48,839	6,992	15,125	-6,618	1,708	-9,055	7,232	4,532	-3,655	13,946	5,907	3,915	2,731		
Borrowing from the public.....do.....	1 53,516	1 59,106	5,108	9,656	-2,263	-555	5,401	3,195	9,039	2,821	6,484	5,236	3,533	3,312		
Reduction in cash balances.....do.....	1 -8,553	1 10,267	1,884	5,469	-4,355	2,263	-14,456	4,037	-4,507	-6,476	7,462	671	382	-581		
Gross amount of debt outstanding.....do.....	1 709,138	1 780,425	739,650	747,844	746,431	751,412	758,804	760,203	773,340	780,425	785,287	791,563	797,694	798,733		
Held by the public.....do.....	1 551,843	1 610,948	583,654	593,310	591,048	590,493	595,894	599,089	608,128	610,948	617,433	622,669	626,202	629,513		
Budget receipts by source and outlays by agency:																
Receipts (net), total.....mil. \$..	1 357,762	1 401,997	26,795	24,879	42,343	34,961	47,657	29,194	35,040	42,591	28,745	33,227	37,477	38,364		
Individual income taxes (net).....do.....	1 157,626	1 180,988	10,620	5,258	18,883	14,293	20,301	14,590	14,784	20,883	15,922	16,609	16,066	23,667		
Corporation income taxes (net).....do.....	1 54,892	1 59,952	1,013	8,023	8,850	11,283	14,655	1,785	1,122	9,753	1,684	1,048	10,386	2,146		
Social insurance taxes and contributions (net).....do.....	1 108,688	1 123,410	12,427	8,560	11,828	16,092	9,287	9,518	15,587	8,515	7,805	11,923	7,716	9,429		
Other.....mil. \$..	1 36,556	1 37,647	2,736	3,037	2,831	3,395	3,414	3,300	3,547	3,439	3,335	3,647	3,309	3,121		
Outlays, total.....do.....	1 402,725	1 450,836	33,787	40,004	35,724	36,670	38,602	36,426	39,572	38,935	42,691	39,134	41,392	41,095		
Agriculture Department.....do.....	1 16,738	1 20,368	939	1,879	781	1,229	819	1,336	1,200	1,865	1,696	2,654	2,859	3,352		
Defense Department, military.....do.....	1 95,650	1 103,042	8,226	9,168	8,315	8,870	8,854	8,285	9,552	8,811	9,164	9,224	9,383	9,218		
Health, Education, and Welfare Department.....do.....	1 147,455	1 162,856	13,378	14,387	12,756	13,826	14,142	13,122	14,417	14,402	14,103	14,512	15,017	14,416		
Treasury Department.....do.....	1 50,384	1 56,355	3,601	3,386	5,647	3,657	6,837	5,180	3,727	3,585	5,714	3,990	7,479	5,068		
National Aeronautics and Space Adm.....do.....	1 3,944	1 3,980	342	370	316	361	320	324	320	344	300	350	333	354		
Veterans Administration.....do.....	1 18,019	1 18,962	1,514	2,676	556	1,751	2,432	608	1,528	1,440	1,645	1,665	2,648	754		
Receipts and expenditures (national income and product accounts basis), qtrly. totals seas. adj. at annual rates:†																
Federal Government receipts, total†.....bil. \$..	374.4	* 431.4		396.2			424.7			441.7			* 463.1			
Personal tax and nontax receipts.....do.....	169.4	193.2		176.8			186.7			199.7			209.7			206.1
Corporate profit tax accruals.....do.....	61.3	71.6		59.6			72.6			73.6			80.6			29.1
Indirect business tax and nontax accruals.....do.....	25.0	27.9		26.5			27.9			28.2			28.8			156.9
Contributions for social insurance.....do.....	118.7	138.7		133.3			137.6			140.1			144.0			
Federal Government expenditures, total†.....do.....	422.6	461.4		448.8			448.3			464.5			483.8			487.2
Purchases of goods and services.....do.....	145.1	153.8		151.5			147.2			154.0			162.5			164.7
National defense.....do.....	94.3	99.5		97.9			98.6			99.6			102.1			103.9
Transfer payments.....do.....	172.7	185.4		180.2			180.7			188.8			191.9			195.6
Grants-in-aid to State and local govts.....do.....	67.4	76.9		73.9			75.9			77.5			80.3			76.9
Net interest paid.....do.....	29.1	35.5		33.2			34.6			36.3			38.1			41.6
Subsidies less current surplus of government enterprises.....bil. \$..	8.3	9.7		10.0			10.0			8.0			11.0			8.3
Less: Wage accruals less disbursements.....do.....	0	.0		.0			.0			.2			.0			-.2
Surplus or deficit (-).....do.....	-48.1	-29.9		-52.6			-23.6			-22.8			-20.8			
LIFE INSURANCE																
Institute of Life Insurance:																
Assets, total, all U.S. life insurance cos.....bil. \$..	351.72	389.02	356.27	359.11	363.27	366.94	369.88	374.42	378.12	381.05	382.45	385.56	389.02	393.40		
Government securities.....do.....	23.56	25.94	24.09	24.03	23.88	24.27	24.20	24.38	24.71	25.18	25.66	26.01	25.94	26.40		
Corporate securities.....do.....	171.65	190.98	175.15	176.98	180.37	182.34	183.70	187.18	189.47	190.61	189.98	191.32	190.98	194.49		
Mortgage loans, total.....do.....	96.85	105.93	97.48	98.02	98.58	99.19	100.04	100.60	101.60	102.36	103.16	104.11	105.93	106.40		
Nonfarm.....do.....	88.01	95.56	88.47	88.82	89.21	89.67	90.34	90.78	91.65	92.26	92.90	93.75	95.56	96.00		
Real estate.....do.....	11.06	11.78	11.22	11.21	11.27	11.54	11.54	11.56	11.54	11.58	11.69	11.71	11.78	11.84		
Policy loans and premium notes.....do.....	27.56	30.20	27.84	28.02	28.25	28.43	28.65	28.84	29.07	29.29	29.52	29.82	30.51	30.51		
Cash.....do.....	2.13	2.14	1.46	1.57	1.48	1.54	1.48	1.42	1.45	1.42	1.42	1.46	2.14	1.44		
Other assets.....do.....	18.92	22.05	19.03	19.27	19.44	19.62	20.27	20.44	20.28	20.60	21.01	21.14	22.05	22.32		
Life Insurance Agency Management Association:																
Insurance written (new paid-for insurance):																
Value, estimated total.....mil. \$..	367,335	407,042	26,817	36,588	31,740	33,802	37,472	28,660	32,685	34,616	34,172	34,801	49,497	32,111	31,459	
Ordinary (incl. mass-marketed ord.).....do.....	242,842	279,044	19,282	24,463	22,848	24,651	24,494	21,028	23,912	22,486	25,007	24,321	28,484	21,480	22,204	
Group.....do.....	117,960	121,729	7,091	11,545	8,320	8,569	12,458	7,138	8,255	11,644	8,509	9,946	20,573	10,200	8,842	
Industrial.....do.....	6,533	6,269	444	580	572	582	520	494	518	486	656	534	440	432	413	
MONETARY STATISTICS																
Gold and silver:																
Gold:																
Monetary stock, U.S. (end of period).....mil. \$..	11,719	11,671	11,718	11,718	11,718	11,718	11,706	11,693	11,679	11,668	11,655	11,642	11,671	11,592	11,544	
Net release from earmark\$.....do.....	426	525	-9	8	41	19	47	26	22	19	5	23	62	15	16	
Exports.....thous. \$..	1,042,625	1,113,795	26,092	36,552	188,866	32,674	23,118	40,906	29,538	269,917	45,804	207,133	18,078	247,736	292,397	
Imports.....do.....	674,026	908,023	32,347	138,032	90,620	49,529	82,745	32,994	71,754	58,454	121,231	74,477	75,253	53,828	37,323	
Production:‡																
South Africa.....mil. \$..	* 951.6	* 955.4	76.4	80.6	82.8	80.2	78.5	81.1	82.8	83.6	79.8	79.4	74.3	77.3		
Canada.....do.....	* 73.7	70.4	5.5	6.4	6.2	5.8	6.0	5.9	5.8	5.5	6.0	5.8	6.1			
Silver:																
Exports.....thous. \$..	84,645	119,125	10,735	7,936	13,665	5,758	6,194	6,079	12,468	21,038	12,472	8,444	5,539	8,873	15,264	
Imports.....do.....	354,818	* 389,015	* 30,100	* 35,775	* 33,807	29,915	33,206	32,209	33,105	30,572	35,716	29,985	30,556	32,158	38,667	
Price at New York.....dol. per fine oz.	4.623	5.401	4.936	5.273	5.118	5.121	5.316	5.331	5.495	5.575	5.918	5.866	5.928	6.255	7.417	7.445
Production:																
United States.....thous. fine oz.	27,519	23,972	1,893	2,536	1,634	1,911	1,802	1,526	1,434	2,456	2,045	1,645	3,870	1,467	1,690	

* Revised. † Preliminary. ‡ Data are for fiscal year ending Sept. 30 of respective year and include revisions not distributed to the months. Data for 1976 and earlier years are for fiscal year ending June 30 of respective year. § Reported annual total; revisions not distributed to the months. ¶ Jan. 1978 data should read \$34,068 thous. † Includes data for items not shown separately.

† Data have been revised back to 1946 (see table 3.2 in the Jan. 1976 and July 1978 SURVEYS for earlier data). § Or increase in earmarked gold (-). ¶ Valued at \$38 per fine ounce from Jan. 1972-Sept. 1973; at \$42.22 thereafter. † Corrected.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FINANCE—Continued																
MONETARY STATISTICS—Continued																
Currency in circulation (end of period).....bil. \$..	103.8	114.6	101.4	102.4	103.1	105.4	106.3	106.6	107.6	107.7	109.3	112.1	114.6	110.7	111.3	-----
Money supply and related data (avg. of daily fig.): ⊕																
Unadjusted for seasonal variation:																
Total money supply.....bil. \$..	327.4	353.0	335.9	338.2	350.9	345.5	351.8	356.3	354.4	359.0	361.4	363.0	371.6	365.7	352.0	353.8
Currency outside banks.....do.	84.8	93.2	89.0	89.9	91.0	91.9	92.8	93.9	94.2	94.9	95.6	97.2	99.1	97.4	97.6	98.6
Demand deposits.....do.	242.6	259.8	247.0	248.2	259.9	253.6	259.0	262.4	260.2	264.1	265.8	265.7	272.5	268.3	254.4	255.2
Time deposits adjusted†.....do.	517.1	580.3	554.9	563.2	567.4	574.1	578.5	582.4	587.5	593.1	597.6	605.0	609.9	615.5	618.9	622.1
U.S. Government demand deposits‡.....do.	4.2	5.4	4.3	4.8	5.0	4.0	6.2	4.5	3.6	6.2	4.3	8.0	10.2	12.0	8.3	6.6
Adjusted for seasonal variation:																
Total money supply.....do.	-----	-----	342.4	343.2	347.9	350.7	352.5	354.5	357.0	361.1	361.6	361.0	361.5	359.9	358.8	359.0
Currency outside banks.....do.	-----	-----	90.2	90.7	91.3	92.0	92.5	93.2	93.9	95.2	95.8	96.6	97.5	98.2	98.9	99.4
Demand deposits.....do.	-----	-----	252.3	252.5	256.6	258.8	260.0	261.3	263.0	265.9	265.8	264.4	264.1	261.7	259.9	259.6
Time deposits adjusted‡.....do.	-----	-----	555.9	560.8	565.9	572.2	576.8	582.2	587.5	593.7	597.9	608.8	611.4	616.0	620.4	619.7
Turnover of demand deposits except interbank and U.S. Govt., annual rates, seas. adjusted:																
Total (233 SMSA's)⊙ ratio of debits to deposits.	(1)															
New York SMSA.....do.																
Total 232 SMSA's (except N.Y.).....do.	(1)															
6 other leading SMSA's⊙.....do.																
226 other SMSA's.....do.																
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Fed. Trade Comm.):																
Net profit after taxes, all industries.....mil. \$..	70,366	81,314	-----	16,064	-----	-----	22,189	-----	-----	20,436	-----	22,625	-----	-----	-----	-----
Food and kindred products.....do.	5,575	6,244	-----	1,236	-----	-----	1,707	-----	-----	1,531	-----	1,770	-----	-----	-----	-----
Textile mill products.....do.	828	1,191	-----	225	-----	-----	343	-----	-----	311	-----	312	-----	-----	-----	-----
Paper and allied products.....do.	2,867	2,648	-----	563	-----	-----	719	-----	-----	629	-----	737	-----	-----	-----	-----
Chemicals and allied products.....do.	8,060	9,155	-----	2,020	-----	-----	2,392	-----	-----	2,251	-----	2,472	-----	-----	-----	-----
Petroleum and coal products.....do.	12,179	12,795	-----	2,549	-----	-----	3,152	-----	-----	3,423	-----	3,671	-----	-----	-----	-----
Stone, clay, and glass products.....do.	1,686	2,319	-----	246	-----	-----	655	-----	-----	759	-----	659	-----	-----	-----	-----
Primary nonferrous metal.....do.	873	1,331	-----	191	-----	-----	376	-----	-----	303	-----	461	-----	-----	-----	-----
Primary iron and steel.....do.	864	2,202	-----	161	-----	-----	791	-----	-----	642	-----	608	-----	-----	-----	-----
Fabricated metal products (except ordnance, machinery, and transport. equip.).....mil. \$..	3,458	3,929	-----	720	-----	-----	1,167	-----	-----	1,030	-----	1,012	-----	-----	-----	-----
Machinery (except electrical).....do.	9,131	10,587	-----	2,067	-----	-----	3,029	-----	-----	2,471	-----	3,020	-----	-----	-----	-----
Elec. machinery, equip., and supplies.....do.	5,383	6,623	-----	1,387	-----	-----	1,710	-----	-----	1,757	-----	1,769	-----	-----	-----	-----
Transportation equipment (except motor vehicles, etc.).....mil. \$..	1,989	2,397	-----	498	-----	-----	506	-----	-----	675	-----	718	-----	-----	-----	-----
Motor vehicles and equipment.....do.	6,133	6,197	-----	1,471	-----	-----	2,014	-----	-----	1,020	-----	1,692	-----	-----	-----	-----
All other manufacturing industries.....do.	11,840	13,716	-----	2,730	-----	-----	3,628	-----	-----	3,634	-----	3,724	-----	-----	-----	-----
Dividends paid (cash), all industries.....do.	26,585	28,960	-----	6,392	-----	-----	6,957	-----	-----	7,056	-----	8,555	-----	-----	-----	-----
SECURITIES ISSUED																
Securities and Exchange Commission:§																
Estimated gross proceeds, totalΔ.....mil. \$..	53,618	49,036	2,409	5,642	3,458	4,889	5,274	4,056	3,260	4,133	4,768	3,413	4,660	-----	-----	-----
By type of security:																
Bonds and notes, corporate.....do.	37,532	34,245	1,821	3,872	2,434	3,157	3,598	3,446	2,353	2,871	2,550	2,436	3,393	-----	-----	-----
Common stock.....do.	8,034	7,932	388	674	239	649	819	451	625	800	1,422	577	826	-----	-----	-----
Preferred stock.....do.	3,393	2,629	138	148	235	390	586	57	157	127	47	149	424	-----	-----	-----
By type of issuer:																
Corporate, total ⊙.....mil. \$..	48,958	44,806	2,347	4,694	2,908	4,196	5,003	3,954	3,135	3,798	4,019	3,162	4,643	-----	-----	-----
Manufacturing.....do.	12,225	10,308	716	1,229	549	878	1,471	842	721	971	495	840	1,323	-----	-----	-----
Extractive (mining).....do.	2,589	2,958	99	187	142	100	334	370	277	168	435	53	465	-----	-----	-----
Public utility.....do.	13,199	12,170	465	1,258	618	1,885	1,244	799	875	1,338	1,619	761	664	-----	-----	-----
Transportation.....do.	1,641	1,726	41	113	252	216	209	261	87	123	67	66	221	-----	-----	-----
Communication.....do.	4,353	3,555	34	291	35	0	349	353	552	215	290	457	460	-----	-----	-----
Financial and real estate.....do.	11,565	10,555	912	1,311	931	811	1,017	1,115	375	561	707	814	978	-----	-----	-----
State and municipal issues (Bond Buyer):																
Long-term.....do.	45,060	46,215	2,662	4,430	3,489	5,146	4,122	3,683	6,020	2,289	3,272	4,026	3,854	2,695	2,502	4,413
Short-term.....do.	21,349	21,642	1,521	1,556	4,915	985	1,870	1,598	1,760	1,937	1,273	978	2,077	1,596	1,546	1,350
SECURITY MARKETS																
Stock Market Customer Financing																
Margin credit at brokers and banks, end of month or year, total.....mil. \$..	10,866	-----	10,901	11,027	11,424	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
At brokers.....do.	9,993	11,035	10,024	10,172	10,510	10,910	11,332	11,438	11,984	12,626	12,307	11,209	11,035	10,955	-----	-----
At banks.....do.	873	-----	877	855	914	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Free credit balances at brokers:																
Margin accounts.....do.	640	835	635	630	715	755	700	710	795	825	885	790	835	810	-----	-----
Cash accounts.....do.	2,060	2,510	1,875	1,705	2,170	2,395	2,300	2,295	2,555	2,655	2,465	2,305	2,510	2,565	-----	-----

⊙ Revised. ⊕ Preliminary. † Data no longer available. ⊕ Effective February 1976 SURVEY, data revised to reflect: annual review of seasonal factors; regular benchmark adjustment; effect of changes in check collection procedures (Regulation J); and adjustments to include new figures from internationally oriented banking institutions. Monthly revisions back to 1970 are in the Feb. 1976 Federal Reserve Bulletin.

‡ At all commercial banks.

⊙ Total SMSA's include some cities and counties not designated as SMSA's. ⊕ Includes Boston, Philadelphia, Chicago, Detroit, San Francisco-Oakland, and Los Angeles-Long Beach. § Data revised back to 1973; no monthly revisions for 1973-75 are available. ⊙ Includes data not shown separately. Δ Beginning Jan. 1973, data exclude noncorporate bonds and notes formerly included.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FINANCE—Continued

SECURITY MARKETS—Continued																
Bonds																
Prices:																
Standard & Poor's Corporation:																
High grade corporate:																
Composite ^σ.....dol. per \$100 bond.....	59.6	55.6	56.9	57.0	56.3	55.5	55.2	54.5	56.1	56.1	54.7	54.3	53.3	52.8	52.6	52.2
Domestic municipal (15 bonds).....do.....	81.3	77.9	81.8	82.0	79.8	77.2	75.7	75.2	77.0	77.6	77.4	76.6	73.8	74.6	75.1	75.4
U.S. Treasury bonds, taxable [¶]do.....	56.89	51.26	53.09	52.90	52.15	51.34	50.91	49.97	51.32	51.67	50.11	49.54	48.38	47.97	47.97	47.84
Sales:																
Total, excl. U.S. Government bonds (SEC):																
All registered exchanges:																
Market value.....mil. \$.....	(1)															
Face value.....do.....																
New York Stock Exchange:																
Market value.....do.....																
Face value.....do.....																
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$.....	4,646.35	4,554.01	283.80	378.68	408.75	451.17	410.47	348.52	459.78	393.73	392.14	334.59	320.23	329.73	235.52	275.46
Yields:																
Domestic corporate (Moody's) [§]percent.....																
By rating:																
Aaa.....do.....	8.02	8.73	8.47	8.47	8.56	8.69	8.76	8.88	8.69	8.69	8.89	9.03	9.16	9.25	9.26	9.37
Aa.....do.....	8.24	8.92	8.65	8.66	8.73	8.84	8.95	9.07	8.96	8.92	9.07	9.24	9.33	9.48	9.50	9.61
A.....do.....	8.49	9.12	8.79	8.83	8.93	9.05	9.18	9.33	9.18	9.11	9.26	9.48	9.53	9.72	9.68	9.81
Baa.....do.....	8.97	9.49	9.20	9.22	9.32	9.49	9.60	9.60	9.48	9.42	9.59	9.83	9.94	10.13	10.08	10.26
By group:																
Industrials.....do.....	8.28	8.90	8.65	8.66	8.72	8.84	8.92	9.05	8.95	8.90	9.03	9.21	9.31	9.44	9.42	9.50
Public utilities.....do.....	8.58	9.22	8.90	8.93	9.05	9.19	9.33	9.38	9.21	9.17	9.37	9.58	9.67	9.85	9.84	10.02
Railroads.....do.....	8.13	8.64	8.32	8.41	8.49	8.60	8.68	8.70	8.72	8.68	8.74	9.01	9.15	9.21	9.22	9.30
Domestic municipal:																
Bond Buyer (20 bonds).....do.....	5.67	6.07	5.63	5.69	5.89	6.19	6.29	6.12	6.16	6.09	6.22	6.29	6.61	6.22	6.42	6.28
Standard & Poor's Corp. (15 bonds).....do.....	5.56	5.90	5.51	5.49	5.71	5.97	6.13	6.18	5.98	5.93	5.95	6.03	6.33	6.25	6.19	6.16
U.S. Treasury bonds, taxable [⊙]do.....	7.06	7.89	7.60	7.63	7.74	7.87	7.94	8.00	7.87	7.82	8.07	8.16	8.36	8.43	8.43	8.45
Stocks																
Dividend rates, prices, yields, and earnings, common stocks (Moody's):																
Dividends per share, annual rate, composite dollars.....																
Industrials.....do.....	(1)															
Public utilities.....do.....																
Railroads.....do.....																
N.Y. banks.....do.....																
Property and casualty insurance cos.....do.....																
Price per share, end of mo., composite.....do.....																
Industrials.....do.....	(1)															
Public utilities.....do.....																
Railroads.....do.....																
Yields, composite.....percent.....																
Industrials.....do.....	(1)															
Public utilities.....do.....																
Railroads.....do.....																
N.Y. banks.....do.....																
Property and casualty insurance cos.....do.....																
Earnings per share (indust., qrtly. at ann. rate; pub. util. and R.R., for 12 mo. ending each qtr.):																
Industrials.....dollars.....	(1)															
Public utilities.....do.....																
Railroads.....do.....																
Dividend yields, preferred stocks, 10 high-grade (Standard & Poor's Corp.).....percent.....	7.61	8.24	7.99	8.07	8.06	8.11	8.31	8.42	8.26	8.24	8.29	8.43	8.84	8.79	8.77	8.77
Prices:																
Dow-Jones averages (65 stocks):																
Industrial (30 stocks).....	301.70	282.59	267.80	265.75	276.65	288.45	288.53	287.85	306.73	305.26	294.58	261.61	274.87	283.85	280.06	286.50
Public utility (15 stocks).....	894.62	817.17	763.57	756.24	794.66	838.56	840.26	831.71	887.93	878.64	857.69	767.73	807.94	837.39	825.18	847.84
Transportation (20 stocks).....	110.96	104.24	104.32	105.48	105.85	104.85	105.48	105.54	108.51	106.67	103.88	93.93	99.38	102.24	103.75	103.85
Standard & Poor's Corporation: ^σ	225.16	221.80	208.14	204.50	214.50	225.96	224.33	227.06	248.96	250.25	234.64	202.30	211.12	216.85	210.41	216.44
Combined index (500 Stocks).....1941-43=10.....	98.20	96.02	88.98	88.82	92.71	97.41	97.66	97.19	103.92	103.86	100.58	94.71	96.11	99.71	98.23	100.11
Industrial, total (400 Stocks) [¶]do.....	108.44	106.16	97.95	97.65	102.07	107.70	107.96	107.39	114.99	115.11	111.56	105.23	106.92	111.15	109.49	111.66
Capital goods (111 Stocks).....do.....	106.79	104.38	96.25	93.12	97.86	104.69	106.36	105.16	115.19	113.94	111.37	103.38	105.82	112.08	110.66	114.50
Consumer goods (189 Stocks).....do.....	85.27	84.80	79.11	78.68	82.69	86.84	87.51	86.68	92.45	91.30	88.00	81.71	82.53	84.42	81.80	82.70
Utilities (40 Stocks).....do.....	54.23	51.64	51.60	51.72	52.16	51.71	52.25	52.32	53.35	52.54	51.28	49.04	49.32	50.33	50.74	50.62
Transportation (20 Stocks)*.....1970=10.....	14.06	13.81	12.91	12.70	13.30	14.01	13.88	14.00	15.41	15.46	14.62	13.17	13.10	13.46	13.08	13.48
Railroads (10 Stocks).....1941-43=10.....	49.94	45.35	44.69	43.61	44.77	46.05	44.92	43.97	47.26	48.19	47.63	43.56	43.37	44.45	44.92	46.64
Financial (40 Stocks)*.....1970=10.....	11.63	11.53	10.33	10.50	11.20	11.87	11.87	11.75	12.85	12.76	12.23	11.21	11.36	11.68	11.28	11.63
New York City banks (6 Stocks).....1941-43=10.....	47.34	43.70	38.74	38.66	42.04	45.20	44.85	43.62	48.02	48.01	48.13	43.61	43.19	44.12	41.91	42.54
Banks outside N.Y.C. (10 Stocks).....do.....	98.23	100.99	89.56	90.36	97.09	102.28	101.70	100.76	113.19	114.25	111.80	99.93	100.78	102.32	97.54	99.28
Property-Casualty Insurance (6 Stocks).....do.....	112.42	106.96	99.37	101.01	107.52	107.88	108.43	106.90	117.48	115.64	110.98	101.35	105.07	108.73	108.22	116.11

[¶] Revised. ¹ No longer available. [§] Revised yields by rating for Jan. 1974-Nov. 1975 affect continuity of the series. [¶] Prices are derived from average yields on basis of an assumed 3 percent 20-year bond. [⊙] For bonds due or callable in 10 years or more. ^σ Number of issues represents number currently used; the change in number does not include data not shown separately. * New series.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978												1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FINANCE—Continued																	
SECURITY MARKETS—Continued																	
Stocks—Continued																	
Prices—Continued																	
New York Stock Exchange common stock indexes:																	
Composite.....12/31/65=50.....	53.69	53.70	49.41	49.50	51.75	54.49	54.83	54.61	58.53	58.58	56.40	52.74	53.69	55.77	55.08	56.19	
Industrial.....do.....	57.86	58.23	52.80	52.77	55.48	59.14	59.63	59.35	64.07	64.23	61.60	57.50	58.72	61.31	60.37	61.89	
Transportation.....do.....	41.08	43.50	38.90	38.95	41.19	44.21	44.19	44.74	49.45	50.19	46.70	41.80	42.49	43.69	42.27	43.22	
Utility.....do.....	40.92	39.22	39.02	39.26	39.69	39.47	39.41	39.28	40.20	39.82	39.44	37.88	38.09	38.79	39.21	38.94	
Finance.....do.....	55.25	56.65	50.60	51.44	55.04	57.96	58.31	57.97	63.28	63.22	60.42	54.95	55.68	57.59	56.09	57.65	
Sales:																	
Total on all registered exchanges (SEC):																	
Market value.....mil. \$.....	187,203	249,257	11,889	15,794	20,335	27,367	24,391	18,318	30,452	27,342	22,016	20,091	16,820	20,752	-----	-----	
Shares sold.....millions.....	7,023	9,602	482	639	802	1,041	923	669	1,099	1,136	801	788	654	754	-----	-----	
On New York Stock Exchange:																	
Market value.....mil. \$.....	157,250	210,426	9,990	13,289	17,316	23,486	20,557	15,229	26,123	22,302	18,476	17,248	14,078	17,868	-----	-----	
Shares sold (cleared or settled).....millions.....	5,613	7,618	387	510	650	848	744	534	895	790	639	637	522	615	-----	-----	
New York Stock Exchange:																	
Exclusive of odd-lot and stopped stock sales (sales effected).....millions.....	5,274	7,205	369	498	696	776	671	541	865	672	682	515	493	616	476	650	
Shares listed, N.Y. Stock Exchange, end of period:																	
Market value, all listed shares.....bil. \$.....	796.64	822.74	737.55	760.31	820.76	829.63	818.95	864.13	890.57	883.85	792.03	811.60	822.74	858.65	828.79	877.86	
Number of shares listed.....millions.....	26,093	27,573	26,276	26,388	26,411	26,588	26,736	26,940	27,012	27,152	27,243	27,401	27,573	27,626	27,726	27,837	

FOREIGN TRADE OF THE UNITED STATES

VALUE OF EXPORTS																
Exports (mdse.), incl. reexports, total ¹.....mil. \$.....	1977	1978	1978	1978	1978	1978	1978	1978	1978	1978	1978	1978	1978	1978	1978	1978
Exports (mdse.), incl. reexports, total ¹.....mil. \$.....	121,212.3	143,659.9	9,518.5	12,079.4	12,069.7	12,494.6	12,487.3	10,944.7	11,621.8	12,714.4	13,157.4	13,672.3	13,532.9	12,561.3	12,932.5	-----
Excl. Dept. of Defense shipments.....do.....	121,150.4	143,574.6	9,514.6	12,074.2	12,064.2	12,478.9	12,477.3	10,934.0	11,613.9	12,713.1	13,153.6	13,655.4	13,531.0	12,558.1	12,928.5	-----
Seasonally adjusted ².....do.....	-----	-----	9,945.0	11,146.5	11,630.4	11,786.0	12,268.2	11,661.5	12,293.7	13,274.2	12,901.1	13,450.6	13,282.5	13,131.8	13,506.8	-----
By geographic regions:																
Africa.....do.....	5,545.6	5,885.5	415.8	529.3	582.7	510.5	567.1	544.4	435.2	486.6	510.2	427.3	504.3	425.6	-----	-----
Asia.....do.....	31,435.8	39,628.2	2,578.5	3,366.1	3,174.2	3,297.0	3,390.2	3,209.4	3,346.8	3,589.0	3,583.3	3,720.9	3,910.3	3,358.8	-----	-----
Australia and Oceania.....do.....	2,876.5	3,462.1	203.0	253.2	233.2	293.6	289.7	256.8	260.6	355.8	354.7	433.2	303.9	395.9	-----	-----
Europe.....do.....	37,304.2	43,614.9	2,996.0	3,723.9	3,846.8	2,726.0	3,690.2	3,076.2	3,467.7	3,829.2	3,786.4	4,308.4	4,154.0	4,048.3	-----	-----
Northern North America.....do.....	25,791.4	28,373.1	1,945.5	2,412.0	2,451.8	2,654.7	2,612.6	1,995.5	2,143.8	2,397.0	2,806.0	2,583.7	2,512.3	2,424.8	-----	-----
Southern North America.....do.....	8,676.5	11,026.5	729.7	898.4	867.7	926.4	922.7	868.9	969.9	956.6	1,033.1	1,109.6	1,051.6	1,028.0	-----	-----
South America.....do.....	9,283.5	10,989.5	649.5	896.0	840.0	970.8	932.2	927.9	901.6	1,047.4	981.2	1,023.5	1,072.6	879.9	-----	-----
By leading countries:																
Africa:																
Egypt.....do.....	982.4	1,134.1	82.6	111.4	129.6	75.2	118.9	110.7	80.8	86.7	86.6	80.6	115.6	76.7	-----	-----
Republic of South Africa.....do.....	1,054.4	1,079.6	75.6	81.5	91.5	94.5	89.5	76.1	90.7	92.2	118.0	90.6	112.3	85.9	-----	-----
Asia; Australia and Oceania:																
Australia, including New Guinea.....do.....	2,375.6	2,941.9	172.8	209.8	193.0	249.7	243.2	219.4	216.4	312.5	296.6	382.7	254.7	340.7	-----	-----
India.....do.....	778.6	947.9	90.1	75.9	75.8	65.8	128.8	84.7	70.1	86.7	49.0	63.6	84.7	61.2	-----	-----
Pakistan.....do.....	292.7	495.7	47.0	72.9	46.8	35.5	30.2	16.3	40.0	54.8	48.9	21.1	64.9	42.0	-----	-----
Malaysia.....do.....	560.7	728.4	52.4	59.7	54.8	56.6	58.4	72.6	59.4	70.9	69.5	58.0	66.4	58.0	-----	-----
Indonesia.....do.....	763.2	751.4	70.5	69.1	57.6	55.2	89.3	59.2	53.8	56.2	60.0	48.1	53.1	44.4	-----	-----
Philippines.....do.....	875.9	1,040.0	84.7	79.4	76.6	90.0	91.8	88.2	87.3	88.8	87.1	109.3	99.6	112.6	-----	-----
Japan.....do.....	10,528.9	12,885.1	869.4	1,015.9	969.9	1,009.3	1,046.1	1,046.7	1,092.3	1,193.5	1,248.9	1,369.1	1,280.8	1,225.2	-----	-----
Europe:																
France.....do.....	3,503.2	4,166.3	294.1	325.3	340.8	325.1	338.6	280.1	415.2	395.5	373.9	431.4	375.2	443.5	-----	-----
German Democratic Republic (formerly E. Germany).....mil. \$.....	36.1	170.4	9.5	5.6	2.2	18.8	21.5	.3	11.5	15.4	17.2	30.6	23.7	9.9	-----	-----
Federal Republic of Germany (formerly W. Germany).....mil. \$.....	5,988.8	6,956.9	462.5	625.4	544.3	493.2	518.3	472.7	542.2	802.6	668.4	694.7	685.4	626.5	-----	-----
Italy.....do.....	2,789.6	3,360.4	217.3	280.6	299.2	291.8	342.5	258.0	222.6	275.1	302.0	286.5	373.0	314.0	-----	-----
Union of Soviet Socialist Republics.....do.....	1,627.5	2,252.3	197.3	241.7	308.3	356.5	265.4	170.9	163.0	97.0	96.5	79.4	121.2	152.1	-----	-----
United Kingdom.....do.....	5,950.9	7,118.7	488.4	635.1	791.2	533.7	574.2	460.6	534.0	575.9	593.1	761.5	620.6	772.4	-----	-----
North and South America:																
Canada.....do.....	25,788.1	28,371.6	1,945.1	2,411.9	2,451.8	2,654.6	2,612.5	1,995.4	2,143.8	2,396.9	2,805.9	2,583.6	2,512.1	2,424.7	-----	-----
Latin American Republics, total ³.....do.....	16,371.1	20,182.7	1,263.3	1,631.6	1,562.6	1,729.2	1,708.2	1,662.7	1,720.5	1,843.7	1,853.9	1,952.3	1,950.5	1,753.5	-----	-----
Argentina.....do.....	731.1	841.8	46.5	53.0	60.5	70.0	55.1	73.3	67.5	76.2	83.1	79.3	121.3	147.9	-----	-----
Brazil.....do.....	2,489.8	2,978.3	165.0	237.8	224.1	266.0	262.4	275.7	251.8	278.6	239.1	289.2	253.8	186.6	-----	-----
Chile.....do.....	520.2	724.6	35.4	38.5	42.5	56.2	64.4	76.3	69.5	77.2	70.7	71.1	90.3	53.4	-----	-----
Colombia.....do.....	782.0	1,046.0	59.9	81.7	87.4	73.3	78.4	73.3	81.0	96.1	122.7	111.1	116.1	80.0	-----	-----
Mexico.....do.....	4,806.1	6,680.5	425.4	515.2	505.0	535.2	547.9	543.3	597.9	598.8	663.2	705.3	663.9	659.4	-----	-----
Venezuela.....do.....	3,170.5	3,726.9	214.7	336.0	301.5	357.0	338.6	289.6	292.3	375.9	316.3	327.6	320.4	281.1	-----	-----
Exports of U.S. merchandise, total ⁴.....do.....	119,005.5	141,154.2	9,341.7	11,835.8	11,859.6	12,250.0	12,271.7	10,780.0	11,429.3	12,505.7	12,926.4	13,433.5	13,303.9	12,352.5	12,708.7	-----
Excluding military grant-aid.....do.....	118,943.7	141,068.9	9,337.8	11,830.5	11,854.1	12,234.3	12,261.7	10,769.4	11,421.4	12,504.4	12,922.6	13,416.5	13,302.1	12,349.4	12,704.7	-----
Agricultural products, total.....do.....	23,671.0	29,406.9	2,068.1	2,519.4	2,508.0	2,729.3	2,639.8	2,133.8	2,391.1	2,268.0	2,665.8	2,806.7	2,738.3	2,431.9	-----	-----
Nonagricultural products, total.....do.....	94,291.8	111,747.2	7,273.6	9,316.4	9,351.6	9,520.7	9,631.9	8,646.2	9,038.2	10,237.7	10,260.6	10,626.8	10,565.6	9,920.6	-----	-----
By commodity groups and principal commodities:																
Food and live animals ⁵.....mil. \$.....	14,115.7	18,333.2	1,271.5	1,465.7	1,472.8	1,684.2	1,737.1	1,540.6	1,716.2	1,645.7	1,597.9	1,513.7	1,555.2	1,313.3	1,314.3	-----
Meats and preparations (incl. poultry).....do.....	796.9	957.8	62.2	75.3	78.1	77.6	74.1	64.8	90.7	93.2	94.4	95.0	88.6	78.8	-----	-----
Grains and cereal preparations.....do.....	8,754.8	11,634.0	819.8	920.1	942.7	1,168.0	1,193.0	1,008.5	1,107.2	1,049.2	937.8	885.2	945.4	766.9	-----	-----
Beverages and tobacco.....do.....	1,846.8	2,292.8	168.0	213.6	144.3	143.6	141.5	161.6	213.3	176.9	251.3	281.1	259.7	135.4	171.2	-----
Crude materials, inedible, exc. fuels ⁶.....do.....	13,086.3	15,552.8	1,063.4	1,337.5	1,388.6	1,466.5	1,353.9	992.5	1,083.4	1,111.9	1,470.4	1,678.4	1,556.5	1,550.4	1,513.5	-----
Cotton, raw, excl. linters and waste.....do.....	1,529.5	1,739.6	145.6	203.8	182.8	143.8	154.2</									

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FOREIGN TRADE OF THE UNITED STATES—Continued

VALUE OF EXPORTS—Continued																
Exports of U.S. merchandise—Continued																
By commodity groups and principal commodities—Continued																
Mineral fuels, lubricants, etc. ♀	4,183.6	3,878.3	141.0	165.2	284.5	363.6	424.0	321.7	335.4	348.0	422.1	465.9	417.9	350.2	292.0	
Coal and related products	2,730.4	2,122.6	37.1	24.5	134.7	235.1	289.8	180.2	181.7	176.7	256.1	317.8	236.3	202.4		
Petroleum and products	1,275.6	1,561.3	86.4	119.4	137.6	112.9	121.1	118.9	139.1	156.8	152.7	137.3	163.3	138.2		
Oils and fats, animal and vegetable	1,308.7	1,521.3	97.2	141.5	145.4	119.3	132.1	130.7	120.9	156.3	113.9	121.0	147.0	145.8	173.2	
Chemicals	10,812.3	12,618.3	883.2	1,031.1	971.3	1,018.7	1,063.4	1,077.2	1,149.1	1,197.9	1,085.0	1,174.4	1,137.0	1,235.6	1,155.6	
Manufactured goods ♀	10,857.0	12,430.3	848.4	1,067.6	988.6	1,100.4	1,057.2	939.4	1,024.7	1,132.5	1,120.8	1,134.3	1,186.6	1,121.5	1,135.3	
Textiles	1,958.9	2,225.4	140.6	173.4	171.1	192.9	189.7	164.2	180.9	202.5	212.6	230.9	224.0	219.0		
Iron and steel	1,660.5	1,713.9	120.2	136.0	129.0	146.6	152.8	129.4	149.3	149.7	164.3	149.0	174.7	153.7		
Nonferrous base metals	1,058.4	1,047.8	72.5	84.6	73.3	86.2	88.6	80.7	86.1	119.1	88.2	104.4	104.7	128.0		
Machinery and transport equipment, total	50,247.6	59,257.9	3,939.6	5,140.1	5,095.1	5,120.6	5,103.3	4,478.9	5,592.7	5,141.5	5,584.4	5,497.3	5,713.5	5,040.1	5,394.3	
Machinery, total ♀	32,516.6	37,022.3	2,546.5	3,289.7	3,127.9	3,239.3	3,088.0	2,912.3	2,933.3	3,211.4	3,358.1	3,296.7	3,553.8	3,160.7		
Agricultural	1,871.1	2,151.5	174.4	222.9	224.5	221.2	196.3	166.3	148.4	158.4	167.3	193.0	183.1			
Metalworking	730.3	1,188.4	82.7	113.1	112.4	85.2	102.4	92.5	102.8	89.0	100.0	100.4	121.5	89.3		
Construction, excav. and mining	4,405.5	681.8	58.7	66.5	59.8	62.7	56.4	51.2	47.5	49.0	50.7	52.3	66.0	79.6		
Electrical	10,285.3	6,966.9	483.8	597.4	587.7	616.2	591.1	549.1	581.8	624.4	628.4	603.5	636.3	600.8		
Transport equipment, total	18,520.0	22,248.0	1,395.4	1,854.7	1,970.3	1,892.9	1,987.1	1,574.5	1,666.4	1,930.7	2,228.3	2,200.6	2,160.3	2,879.7		
Motor vehicles and parts	11,796.5	13,234.9	948.2	1,181.6	1,203.7	1,247.3	1,201.9	873.2	878.5	1,124.4	1,330.3	1,207.2	1,135.4	1,108.6		
Miscellaneous manufactured articles	8,233.9	10,177.1	689.4	878.2	854.3	908.6	856.9	777.5	855.8	891.1	953.1	925.1	921.6	873.2	916.8	
Commodities not classified	4,313.6	15,006.8	236.0	389.9	509.1	309.0	392.4	349.2	329.9	702.5	323.9	625.3	407.2	584.0	638.6	
VALUE OF IMPORTS																
General imports, total	147,685.0	172,025.5	13,286.4	14,547.3	14,486.0	14,199.2	14,514.5	14,703.9	14,021.0	14,416.9	15,118.3	15,054.9	14,956.3	15,846.3	13,776.3	
Seasonally adjusted ⊕			14,259.5	14,004.1	14,491.5	14,008.5	13,970.3	14,544.7	14,132.6	14,819.7	14,851.6	14,824.7	15,031.8	16,231.1	14,806.3	
By geographic regions:																
Africa	17,120.9	16,898.3	1,325.3	1,409.8	1,407.2	1,310.5	1,261.2	1,355.6	1,430.7	1,465.4	1,425.0	1,637.7	1,481.6	1,738.6		
Asia	49,312.0	58,300.3	4,565.8	4,702.6	4,924.2	4,640.3	5,013.7	5,148.7	5,153.2	5,089.6	5,092.3	4,863.0	4,872.8	5,364.6		
Australia and Oceania	1,727.7	2,351.0	178.0	174.9	209.6	192.4	201.7	198.4	176.8	234.2	209.9	252.9	200.6	230.5		
Europe	28,801.5	37,987.4	2,875.1	3,443.1	3,285.3	3,088.5	3,155.7	3,421.2	3,140.0	2,904.6	3,321.3	3,293.9	3,298.8	3,263.8		
Northern North America	29,617.8	33,550.6	2,562.9	2,806.2	2,780.3	3,049.8	2,991.2	2,665.3	2,376.2	2,759.4	3,116.9	3,030.4	3,051.5	2,914.4		
Southern North America	11,689.4	12,622.6	1,022.0	1,067.5	1,008.2	1,074.4	1,074.1	1,049.9	1,005.2	1,056.8	1,024.0	1,073.7	1,117.6	1,226.7		
South America	9,389.8	10,307.5	756.5	942.4	870.6	842.5	816.3	864.2	741.1	906.6	928.0	900.9	932.4	1,106.8		
By leading countries:																
Africa:																
Egypt	170.0	105.0	.6	15.6	2.0	10.5	3.4	8.9	1.7	15.3	4.8	14.1	27.2	16.9		
Republic of South Africa	1,261.1	2,258.9	154.4	186.4	141.7	189.4	146.3	148.6	169.1	228.1	208.0	349.8	210.7	197.4		
Asia; Australia and Oceania:																
Australia, including New Guinea	1,266.2	1,728.3	136.2	128.5	152.4	139.7	143.8	139.2	137.9	166.5	153.1	190.2	142.2	178.8		
India	776.0	979.5	73.1	110.5	90.8	88.0	78.3	81.6	91.7	83.6	85.6	75.8	56.9	91.8		
Pakistan	56.0	83.7	3.4	6.0	7.2	7.7	7.4	9.2	6.5	6.0	10.2	7.9	6.4	9.6		
Malaysia	1,318.2	1,519.1	96.6	141.6	121.6	120.1	154.9	119.4	149.8	143.5	120.3	125.9	138.8	184.3		
Indonesia	3,475.1	3,606.9	290.4	312.9	338.5	225.1	358.5	346.4	314.9	291.5	305.9	277.3	335.6	293.7		
Philippines	1,109.5	1,206.9	90.4	86.6	95.4	96.5	97.6	101.8	103.9	118.1	110.9	109.9	114.2	122.0		
Japan	18,549.7	24,457.8	1,842.4	2,103.7	2,181.9	2,010.1	2,048.9	2,217.2	2,065.5	2,064.8	2,120.4	2,024.6	1,993.9	2,247.3		
Europe:																
France	3,032.4	4,053.7	301.3	361.8	376.3	361.2	316.3	396.1	321.6	278.7	337.6	349.3	362.6	360.3		
German Democratic Republic (formerly E. Germany)	16.7	35.2	1.5	4.8	4.1	3.5	1.2	2.5	4.1	2.6	2.7	2.2	2.2	2.3		
Federal Republic of Germany (formerly W. Germany)	7,238.3	9,960.8	775.2	876.6	875.3	758.6	780.8	940.3	839.4	704.8	836.4	910.3	896.0	869.9		
Italy	3,036.7	4,102.5	243.6	360.6	344.6	335.4	357.7	376.2	391.0	326.6	343.2	375.5	374.2	372.9		
Union of Soviet Socialist Republics	452.9	540.3	20.8	98.2	57.1	13.6	46.1	21.6	54.6	23.1	110.5	37.5	31.9	25.0		
United Kingdom	5,141.0	6,513.3	506.1	566.4	553.8	568.1	597.6	553.0	537.7	529.8	576.8	533.8	532.8	555.6		
North and South America:																
Canada	29,598.6	33,529.4	2,562.6	2,802.4	2,777.6	3,047.4	2,988.4	2,664.7	2,372.8	2,757.9	3,115.5	3,028.7	3,051.1	2,914.2		
Latin American Republics, total ♀	16,450.3	18,560.1	1,396.8	1,592.8	1,509.3	1,546.8	1,507.8	1,538.7	1,378.2	1,571.9	1,639.0	1,643.9	1,749.1	1,887.2		
Argentina	392.3	563.3	41.6	41.7	49.7	54.5	47.3	52.6	43.1	50.6	49.8	47.5	49.0	51.6		
Brazil	2,240.5	2,831.3	199.5	216.2	231.6	256.0	215.2	265.2	176.7	283.9	264.8	287.3	339.5			
Chile	272.7	385.3	35.2	31.1	56.0	39.5	35.7	32.1	18.9	25.7	32.7	22.8	17.0	25.0		
Colombia	819.4	1,043.9	89.1	90.3	66.3	68.9	81.4	70.4	85.6	111.5	124.1	104.6	80.9	92.3		
Mexico	4,694.2	6,092.8	446.6	451.0	460.9	511.8	480.5	471.5	495.4	521.6	531.2	583.0	641.1	590.0		
Venezuela	4,084.4	3,545.1	249.4	411.0	343.7	268.4	286.2	260.6	248.3	329.6	271.4	272.5	308.2	412.0		
By commodity groups and principal commodities:																
Agricultural products, total	13,538.3	14,960.8	1,245.1	1,405.7	1,346.7	1,290.5	1,168.3	1,192.9	1,021.2	1,107.9	1,231.0	1,302.2	1,409.3	1,514.0		
Nonagricultural products, total	133,278.4	157,064.7	12,041.3	13,141.6	13,139.4	12,908.7	13,346.1	13,511.0	13,002.8	13,309.1	13,887.3	13,752.7	13,547.0	14,332.3		
Food and live animals ♀	12,557.8	13,520.6	1,111.4	1,257.5	1,161.5	1,143.4	1,045.9	1,126.1	924.0	1,048.9	1,152.2	1,168.7	1,254.1	1,278.3	1,102.5	
Cocoa beans	485.5	667.0	67.0	92.2	53.3	54.8	38.8	46.8	43.5	23.0	40.4	63.7	74.5	103.0		
Coffee	3,860.9	3,727.8	380.9	383.6	345.0	285.8	256.5	259.9	210.1	238.6	329.5	317.0	306.5	309.1		
Meats and preparations	1,273.2	1,856.0	124.6	148.4	171.0	155.3	155.0	153.2	125.7	158.5	175.3	199.2	182.1	208.8		
Sugar	1,079.1	723.0	32.4	43.6	14.5	59.7	69.2	110.4	59.8	97.1	65.4	59.4	64.0			
Beverages and tobacco	1,669.4	2,221.4	162.4	174.7	201.5	189.2	212.7	177.4								

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FOREIGN TRADE OF THE UNITED STATES—Continued

VALUE OF IMPORTS—Continued																
General imports—Continued																
By commodity groups and principal commodities—Continued																
Machinery and transport equipment.....mil. \$.	36,406.8	47,625.6	3,573.2	4,050.7	4,085.5	4,020.4	4,132.9	4,108.2	3,578.5	3,832.0	4,294.6	4,238.3	4,318.7	4,515.9	3,932.6	
Machinery, total ♀.....do.....	17,663.8	24,404.0	1,751.8	1,979.7	2,003.1	2,011.6	2,073.3	2,217.6	2,046.5	2,077.1	2,277.2	2,162.8	2,183.3	2,206.2		
Metalworking.....do.....	433.5	946.7	67.8	75.2	73.8	80.5	69.5	86.4	91.0	82.1	76.8	80.8	93.5	105.8		
Electrical.....do.....	8,432.0	5,170.8	349.8	407.7	408.4	411.5	446.4	465.2	453.3	467.7	494.0	451.1	480.6	474.1		
Transport equipment.....do.....	17,829.9	23,221.6	1,821.4	2,071.0	2,082.3	2,008.8	2,059.6	1,890.6	1,532.0	1,754.9	2,017.4	2,075.5	2,135.4	2,309.8		
Automobiles and parts.....do.....	15,842.0	20,631.2	1,574.6	1,854.8	1,854.4	1,776.3	1,840.3	1,676.3	1,361.0	1,547.1	1,817.8	1,889.0	1,891.2	1,996.8		
Miscellaneous manufactured articles.....do.....	13,809.4	19,062.1	1,203.7	1,511.1	1,439.7	1,460.0	1,651.5	1,782.5	1,756.5	1,751.9	1,827.1	1,799.9	1,560.3	1,619.7	1,426.4	
Commodities not classified.....do.....	3,335.7	3,981.1	253.5	369.2	334.8	316.0	335.2	327.0	323.6	304.2	383.3	321.4	384.4	309.4	283.9	
Indexes																
Exports (U.S. mdse., excl. military grant-aid):																
Unit value.....1967=100.....	210.2	231.5	219.6	219.4	223.0	224.0	232.2	231.3	234.2	238.8	237.3	248.1	250.7	250.2	248.8	
Quantity.....do.....	183.1	198.8	182.8	211.1	208.2	213.9	206.8	182.3	190.9	205.0	213.3	211.7	207.8	193.2	199.9	
Value.....do.....	384.7	460.3	357.5	463.3	464.2	479.0	408.1	421.7	447.2	489.6	506.1	525.3	520.9	483.5	497.4	
General imports:																
Unit value.....do.....	269.9	292.7	281.2	289.4	290.3	292.6	293.6	293.3	295.0	294.3	296.3	303.9	300.9	304.8	300.8	
Quantity.....do.....	200.8	220.1	212.8	226.4	224.5	218.4	222.3	225.1	213.4	220.5	228.7	222.8	222.9	232.6	199.1	
Value.....do.....	541.9	644.4	598.3	655.2	651.9	639.1	652.7	660.4	629.6	649.0	677.7	677.0	670.6	709.0	616.8	
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):																
Shipping weight.....thous. sh. tons..	274,413		18,930	21,712	24,142	28,057	29,487	24,969	26,001	26,260	26,536	28,372				
Value.....mil. \$.	65,376		5,108	6,431	6,313	6,912	6,842	5,989	6,385	6,646	6,958	7,356				
General imports:																
Shipping weight.....thous. sh. tons..	612,798		45,952	47,200	47,681	47,176	47,840	50,703	53,652	56,196	49,811	51,404				
Value.....mil. \$.	103,037		9,132	9,680	9,838	9,400	9,657	10,143	9,880	9,780	9,850	9,759				

TRANSPORTATION AND COMMUNICATION

TRANSPORTATION																
Air Carriers (Scheduled Service)																
Certificated route carriers:																
Passenger-miles (revenue).....bil..	194.75	226.78	14.51	18.45	17.58	17.96	20.51	22.48	23.70	19.03	18.81	17.75	19.39	19.12		
Passenger-load factor %.....percent	56.2	61.5	55.1	60.6	59.9	62.1	67.6	68.9	71.1	60.2	58.2	57.3	58.4	57.4		
Ton-miles (revenue), total ♀.....mil.	26,100	29,679	1,948	1,460	2,344	2,363	2,630	2,811	2,972	2,515	2,536	2,414	2,545	2,445		
Operating revenues (quarterly) ♀ ○.....mil. \$.	19,925			5,115			5,708			6,308						
Passenger revenues.....do.....	16,274			4,226			4,660			5,230						
Cargo revenues.....do.....	1,719			432			492			520						
Mail revenues.....do.....	390			89			90			86						
Operating expenses (quarterly) ○.....do.....	19,017			5,011			5,258			5,603						
Net income after taxes (quarterly) ○.....do.....	731			63			405			629						
Domestic operations:																
Passenger-miles (revenue).....bil..	156.61	182.67	12.03	15.32	14.32	14.46	16.53	17.74	18.93	14.78	15.03	14.44	15.66	15.22	13.03	16.52
Cargo ton-miles.....mil.	3,125	3,506	251	309	293	293	300	281	316	308	323	309	287	265		
Mail ton-miles.....do.....	751	808	60	74	68	68	64	59	65	65	66	67	89	67		
Operating revenues (quarterly) ○.....mil. \$.	15,821			4,151			4,556			4,902						
Operating expenses (quarterly) ○.....do.....	15,165			4,053			4,205			4,406						
Net income after taxes (quarterly) ○.....do.....	497			67			311			433						
International operations:																
Passenger-mile (revenue).....bil..	36.61	44.11	2.49	3.12	3.25	3.50	3.98	4.73	4.78	4.25	3.78	3.31	3.73	3.90		
Cargo ton-miles.....mil.	2,302	2,314	158	199	193	177	187	197	193	211	234	226	187	173		
Mail ton-miles.....do.....	397	374	27	33	32	30	28	27	28	29	32	37	43	28		
Operating revenues (quarterly) ○.....mil. \$.	4,104			964			1,152			1,406						
Operating expenses (quarterly) ○.....do.....	3,852			958			1,053			1,197						
Net income after taxes (quarterly) ○.....do.....	234			-5			94			195						
Urban Transit Systems																
Passengers carried (revenue).....mil..	5,979	7,636	610	691	616	670	654	571	619	646	684	652	609	645	617	
Motor Carriers																
Carriers of property, large, class I, qtrly. *:																
Number of reporting carriers.....	100			100			100			100						
Operating revenues, total.....mil. \$.	13,853			3,569			4,139			4,166						
Net income, after extraordinary and prior period charges and credits.....mil. \$.	452			46			153			154						
Tonnage hauled (revenue), common and contract carrier service.....mil. tons..	217			54			61			58						
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common and contract carriers of property (qtrly. ♂).....average same period, 1967=100..	148			152			167			160						
Common carriers of general freight, seas. adj. † 1967=100..	166.2	181.7	175.9	177.3	192.5	182.8	178.5	177.6	177.6	184.3	188.5	186.2	197.1			
Class I Railroads Δ																
Financial operations, qtrly. (AAR), excl. Amtrak:																
Operating revenues, total ⊕ ♀.....mil. \$.	20,116			4,750			5,720			5,394						
Freight.....do.....	18,916			4,440			5,368			5,015						
Passenger, excl. Amtrak.....do.....	337			85			89			91						
Operating expenses ⊕.....do.....	16,392			4,905			5,375			5,268						
Tax accruals and rents.....do.....	3,377															
Net railway operating income.....do.....	347			-156			235			53						
Net income (after taxes) ⊕.....do.....	284			-274			203			28						

* Revised. † Preliminary. ‡ Before extraordinary and prior period items. § Annual total; quarterly revisions not available. ¶ Beginning Jan. 1978, data are for total unlinked passenger trips; revenue passenger data no longer available. ♂ Includes data not shown separately. ♀ Applies to passengers, baggage, cargo, and mail carried. ⊕ Passenger-miles as a percent of available seat-miles in revenue service reflects proportion of seating capacity actually sold and utilized. ⊗ Total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service. *New Series. Source: ICC (no comparable data prior to 1972).

♂ Indexes are comparable for the identical quarter of each year (and from year to year). Δ Effective 1976, defined as those with annual revenues of \$50 million or more; restated 1977 data reflect changes. ⊕ Natl. Railroad Pass. Corp. (Amtrak) operations (not included in AAR data above), 1975 and 1976 (mil. \$): Oper. revenues, 235; 287; net loss, 353; 469 (ICC). * Domestic trunk operations only (domestic trunks average about 90% of total domestic operations). † See note 1 for p. S-22. ‡ Effective Mar. 1977 SURVEY, revised back to 1957 to new trading day and seas. adj. factors.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TRANSPORTATION AND COMMUNICATION—Continued																
TRANSPORTATION—Continued																
Class I Railroads—Continued																
Traffic:																
Ton-miles of freight (net), total, qtrly..... bil.	862.6			192.7				235.8								
Revenue ton-miles, qtrly. (AAR)..... do.	826.2	856.2		188.5				208.4			210.5			227.1		203.4
Revenue per ton-mile..... cents.	2.289															
Price index for railroad freight..... 1969=100.	199.1	213.1	207.6	207.7	207.8	207.9	208.2	215.2	215.7	215.8	215.8	216.3	231.1	231.7	231.7	232.3
Passengers (revenue) carried 1 mile..... mil.	10,295															
Travel																
Hotels and motor-hotels:																
Restaurant sales index..... same month 1967=100.	139	157	139	157	155	164	169	174	163	160	167	154	155			
Hotels: Average room sale [†] dollars.	34.96	38.83	38.32	38.09	39.37	39.83	39.14	36.77	38.39	38.20	42.06	39.30	38.02			
Rooms occupied..... % of total.	65	68	68	67	74	73	72	66	69	70	77	66	50			
Motor-hotels: Average room sale [†] dollars.	24.65	28.45	26.80	27.42	27.07	28.55	28.91	29.28	29.67	29.00	28.99	29.90	29.71			
Rooms occupied..... % of total.	70	72	69	73	74	75	78	78	82	75	76	68	54			
Foreign travel:																
U.S. citizens: Arrivals [⊙] thous.	8,201	8,903	570	711	706	718	785	1,024	1,077	742	740	612	584	683		
Departures [⊙] do.	8,198	8,883	586	721	662	804	917	858	901	910	624	593	714	678		
Aliens: Arrivals [⊙] do.	6,492	7,861	405	567	550	603	686	925	948	741	640	581	664	672		
Departures [⊙] do.	5,364	6,325	325	420	420	496	522	545	844	698	539	517	548	555		
Passports issued..... do.	3,107	3,234	239	379	351	371	380	308	290	196	178	168	156	221	234	
National parks, visits [§] do.	69,980	62,910	2,520	2,757	3,439	4,986	8,232	12,047	11,037	6,375	5,264	2,732	1,921	1,574	1,695	
COMMUNICATION																
Telephone carriers:																
Operating revenues [¶] mil. \$.	40,754		3,585	3,788	3,715	3,820	3,828	3,783	3,924	3,942						
Station revenues..... do.	18,667		1,645	1,683	1,688	1,692	1,694	1,680	1,725	1,765						
Tolls, message..... do.	16,313		1,406	1,570	1,469	1,574	1,560	1,526	1,636	1,573						
Operating expenses (excluding taxes)..... do.	26,120		2,248	2,447	2,335	2,470	2,424	2,356	2,532	2,527						
Net operating income (after taxes)..... do.	7,298		654	660	685	673	702	712	703	718						
Phones in service, end of period..... mil.	149.9		145.5	146.1	146.4	146.9	147.2	147.5	146.6	148.9						
Telegraph carriers:																
Domestic:																
Operating revenues..... mil. \$.	554.8		44.8	47.9	46.6	49.1	48.1	46.8	50.4	47.9	51.1					
Operating expenses..... do.	439.6		35.3	35.9	36.6	37.5	37.5	37.0	39.1	37.9	53.9					
Net operating revenues (before taxes)..... do.	86.9		6.8	9.2	7.3	9.0	8.5	7.2	8.8	7.5	5.9					
Overseas, total:[⊚]																
Operating revenues..... do.	396.9		34.2	38.7	36.5	38.0	39.2	36.7	39.3	38.0	39.9					
Operating expenses..... do.	279.4		23.5	25.3	24.4	25.0	25.4	24.8	26.0	25.3	31.7					
Net operating revenues (before taxes)..... do.	108.4		9.0	11.8	10.4	10.3	11.0	9.6	11.6	11.0	12.1					

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic Chemicals																
Production:																
Aluminum sulfate, commercial (17% Al ₂ O ₃) [‡]																
thous. sh. tons.	1,162	1,185	93	102	95	107	98	98	115	92	101	96	91	92		
Chlorine gas (100% Cl ₂) [‡] do.	10,664	10,805	825	813	890	875	884	951	925	919	950	971	986	876		
Hydrochloric acid (100% HCl) [‡] do.	2,568	2,733	212	230	253	224	221	237	210	226	232	233	240	241		
Phosphorus, elemental [‡] do.	431	440	33	36	38	37	39	39	33	36	39	38	38	33		
Sodium carbonate (soda ash), synthetic (58% Na ₂ O) [‡] thous. sh. tons.	1,812		([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])	([⊙])
Sodium hydroxide (100% NaOH) [‡] do.	10,481	10,619	798	823	867	861	864	941	906	885	918	937	1,001	894		
Sodium silicate, anhydrous [‡] do.	781	802	65	66	64	68	67	62	64	63	73	73	70	65		
Sodium sulfate, anhydrous [‡] do.	1,241	1,237	104	104	115	114	104	97	102	97	107	103	91	85		
Sodium trypolyphosphate (100% Na ₃ P ₃ O ₁₀) [‡] do.	709	735	57	61	63	58	59	58	63	60	66	66	65	60		
Titanium dioxide (composite and pure) [‡] do.	679	721	54	60	67	66	63	63	60	63	60	60	58	57		
Sulfur, native (Frasch) and recovered:																
Production..... thous. lg. tons.	19,389	19,557	735	809	780	826	811	810	795	776	786	790	838	785	716	
Stocks (producers') end of period..... do.	5,469	5,261	5,441	5,389	5,352	5,368	5,437	5,519	5,498	5,472	5,386	5,245	5,260	5,127	5,009	
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous [‡]																
thous. sh. tons.	17,398	16,951	1,208	1,435	1,558	1,553	1,424	1,374	1,329	1,296	1,425	1,422	1,536	1,362		
Ammonium nitrate, original solution [‡] do.	7,454	7,216	530	701	689	640	563	512	537	523	649	610	650	645		
Ammonium sulfate [‡] do.	1,904		157	160	177	168	164	172	182	153	83	([⊙])	155	([⊙])		
Nitric acid (100% HNO ₃) [‡] do.	7,877	8,058	595	767	736	719	625	604	627	603	733	681	725	688		
Nitrogen solutions (100% N) [‡] do.	2,640		173	227	224	218	210	191	176	168	200	169	169	173		
Phosphoric acid (100% P ₂ O ₅) [‡] do.	8,456	9,568	718	830	830	822	768	732	803	796	853	825	893	758		
Sulfuric acid (100% H ₂ SO ₄) [‡] do.	35,821	39,648	3,031	3,365	3,319	3,410	3,250	3,107	3,350	3,337	3,476	3,459	3,503	3,311		
Superphosphate and other phosphatic fertilizers (100% P ₂ O ₅):																
Production..... thous. sh. tons.	6,699	7,341	562	673	627	639	569	573	614	619	651	599	659	587		
Stocks, end of period..... do.	573	500	571	506	400	471	494	461	395	379	359	425	500	469		
Potash, deliveries (K ₂ O) [⊕] do.	7,630	6,833	447	687	789	692	557	417	598	487	620	549	532	554	467	
Exports, total [¶] do.	23,108	26,247	1,924	2,150	1,690	1,831	2,293	2,596	2,651	2,690	1,985	1,781	2,493	1,975	2,008	
Nitrogenous materials..... do.	1,169	1,622	153	192	73	129	148	364	406	354	290	170	176	212	216	
Phosphate materials..... do.	16,741	16,741	1,340	1,448	1,321	1,306	1,368	1,431	1,497	1,571	1,347	1,241	1,599	1,048	1,179	
Potash materials..... do.	1,650	1,827	80	162	58	119	205	210	237	122	122	69	242	195	107	
Imports:																
Ammonium nitrate..... do.	361	404	21	54	81	53	37	22	13	14	21	23	18	18	17	
Ammonium sulfate..... do.	327	326	27	31	59	26	37	3	11	11	18	34	21	24	17	
Potassium chloride..... do.	8,229	8,390	545	851	669	812	849	735	682	619	654	648	716	643	428	
Sodium nitrate..... do.	157	142	30	16	13	21	5	15	0	16	15	11	0	16	18	

* Revised. † Preliminary. ‡ Annual total; monthly revisions are not available. § Includes data not shown separately. ⊕ Beginning Jan. 1977, data exclude potassium magnesium sulfate; not strictly comparable with those shown for earlier periods. ¶ Effective 1976, data are compiled by U.S. Dept. of Transportation from INS records and refer to air travel; travel by sea is omitted (for 1973-75, average annual arrivals and departures by sea are as follows—units and order as above: 814; 784; 159; 129). † Effective Jan. 1976, data include visits to Voyageurs National Park (no count of visits for earlier periods is available); data for Mar.-July 1976 are restated to delete visits to Platt National Park which was reclassified as a national recreation area, and beginning Jan. 1979, data include visits to two additional parks. ‡ Includes data for Western Union Int. Cable & Wireless. † Monthly revisions back to 1971 are available upon request.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHEMICALS AND ALLIED PRODUCTS—Continued																
CHEMICALS—Continued																
Industrial Gases†																
Production:																
Acetylene.....mil. cu. ft.	5,972	5,262	413	422	450	434	449	402	448	415	468	475	455	428		
Carbon dioxide, liquid, gas, and solid thous. sh. tons	2,256	2,287	158	189	190	200	204	205	210	205	206	180	193	168		
Hydrogen (high and low purity).....mil. cu. ft.	84,459	90,248	6,591	7,809	7,269	7,342	7,186	7,394	7,510	7,762	7,906	7,929	8,509	6,673		
Nitrogen (high and low purity).....do.	331,545	389,382	28,902	33,497	31,776	33,235	32,273	31,879	34,001	32,653	34,627	33,165	31,521	35,068		
Oxygen (high and low purity).....do.	392,984	428,014	30,001	34,409	33,694	37,805	36,298	36,295	37,554	36,904	38,016	37,605	37,421	34,501		
Organic Chemicals‡																
Production:																
Acetylsalicylic acid (aspirin).....mil. lb.	131.4	32.2	2.1	3.0	2.4	3.2	3.0	2.5	2.5	2.5	2.5	2.9	2.8			
Cresote oil.....mil. gal.	161.2	143.2	8.3	13.6	13.1	11.9	13.9	10.1	11.6	12.9	11.8	12.8	12.5			
Ethyl acetate (85%).....mil. lb.	217.8	226.7	16.7	17.1	12.4	18.4	22.5	19.8	20.4	17.9	20.8	21.7	20.8			
Formaldehyde (37% HCHO).....do.	6,046.5	6,433.2	477.7	571.3	555.1	550.4	549.1	535.8	522.8	546.6	585.0	531.3	548.1			
Glycerin, refined, all grades.....do.	286.0	293.5	21.0	23.4	23.5	26.3	21.8	20.0	29.4	26.4	28.3	24.7	21.9	21.4	24.1	
Methanol, synthetic.....mil. gal.	971.8	957.8	62.5	57.7	87.3	78.0	77.3	83.2	79.8	87.9	73.2	60.9	90.0			
Phthalic anhydride.....mil. lb.	926.0	993.4	72.6	85.2	81.5	92.7	93.4	87.2	80.1	79.6	73.9	76.5	94.6			
ALCOHOL‡																
Ethyl alcohol and spirits:																
Production.....mil. tax gal.	498.3	506.9	41.1	50.4	42.2	31.3	48.7	42.5	45.4	50.5	40.3	38.0	40.7			
Used for denaturation.....do.	405.4	419.9	32.4	37.3	32.1	37.2	37.5	25.4	36.6	30.3	40.3	38.6	37.1			
Taxable withdrawals.....do.	81.0	50.2	5.8	7.5	7.3	7.2	7.5	5.9	7.7	7.4	8.2	7.4	11.6			
Stocks, end of period.....do.	71.4	71.2	75.2	78.9	80.8	74.6	76.2	85.8	88.4	96.8	76.8	64.6	71.2			
Denatured alcohol:																
Production.....mil. wine gal.	223.8	227.8	17.4	19.9	17.7	21.3	20.3	17.0	19.9	16.9	21.7	16.6	20.1			
Consumption (withdrawals).....do.	224.6	228.8	17.1	19.9	17.7	21.3	20.2	17.0	19.9	17.4	21.4	17.2	20.5			
Stocks, end of period.....do.	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.0	2.6	2.9	2.9	2.7			
PLASTICS AND RESIN MATERIALS																
Production:																
Phenolic resins.....mil. lb.	1,797.1	1,764.2	138.2	154.9	149.1	148.2	143.5	128.8	142.7	151.8	169.5	151.7	138.8			
Polyethylene and copolymers.....do.	10,100.1	11,083.4	739.4	916.7	905.2	915.4	900.8	937.1	960.4	962.2	967.0	937.5	961.2			
Polypropylene.....do.	2,705.8	2,969.1	210.8	253.0	226.8	232.3	232.0	232.0	260.5	257.3	248.8	268.2	244.3			
Polystyrene and copolymers.....do.	5,203.0	5,579.8	396.5	467.1	474.9	479.6	483.4	450.5	427.5	473.4	477.8	484.8	481.5			
Polyvinyl chloride and copolymers.....do.	5,267.3	5,653.8	413.8	477.2	481.0	501.6	480.6	458.1	469.8	459.1	500.3	479.7	493.5			
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly mil. lb.	2,675.1	2,821.1		445.6			809.5			786.7			790.4			
Paints, varnish, and lacquer, factory shipments:																
Total shipments.....mil. \$	4,517.7		341.1	416.6		(*)										
Trade products.....do.	2,278.5		160.7	204.0		(*)										
Industrial finishes.....do.	2,239.2		180.3	212.5		(*)										

ELECTRIC POWER AND GAS

ELECTRIC POWER																
Production (utility and industrial), total mil. kw.-hr.																
Electric utilities, total.....do.	2,124,078	2,203,891	173,676	173,157	159,749	175,184	187,408	202,595	205,637	185,597	175,621	176,295	191,703			
By fuels.....do.	1,903,643	1,922,653	151,260	148,496	134,406	146,409	162,166	178,037	183,505	164,338	155,957	156,292	169,600			
By waterpower.....do.	220,435	280,938	22,416	24,661	25,343	28,775	25,242	24,558	22,132	21,259	19,664	20,003	22,103			
Industrial establishments, total.....do.																
By fuels.....do.																
By waterpower.....do.																
Sales to ultimate customers, total (Edison Electric Institute).....mil. kw.-hr.	1,950,791	2,017,818	169,924	164,064	153,146	153,813	165,403	176,403	181,386	108,454	167,770	160,614	170,554			
Commercial and industrial:																
Small light and power\$.....do.	469,227	480,749	39,498	38,467	36,001	36,252	40,365	44,071	44,918	44,206	40,144	37,700	39,207			
Large light and power\$.....do.	757,168	782,141	59,724	60,150	61,706	65,057	67,449	65,894	67,819	68,998	68,723	67,247	66,025			
Railways and railroads.....do.	4,212	4,336	421	377	336	316	353	335	344	342	343	370	397			
Residential or domestic.....do.	652,345	679,156	64,283	59,283	49,722	46,764	51,533	60,266	62,366	60,883	52,656	49,440	57,458			
Street and highway lighting.....do.	14,418	14,803	1,258	1,227	1,170	1,119	1,101	1,129	1,168	1,218	1,285	1,330	1,401			
Other public authorities.....do.	46,242	49,509	4,172	3,978	3,643	3,719	4,005	4,103	4,173	4,201	4,009	3,913	5,456			
Interdepartmental.....do.	7,179	7,125	567	583	568	586	597	606	598	605	609	614	610			
Revenue from sales to ultimate customers (Edison Electric Institute).....mil. \$.	62,610.0	69,852.9	5,626.9	5,646.4	5,277.1	5,278.2	5,802.3	6,318.6	6,510.8	6,420.2	5,918.6	5,552.0	5,828.2			
GAS																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total.....thous.	45,725	46,269		46,172			45,580			45,355			46,269			
Residential.....do.	42,108	42,623		42,445			41,984			41,816			42,623			
Commercial.....do.	3,400	3,430		3,490			3,373			3,332			3,430			
Industrial.....do.	175	174		183			172			169			174			
Other.....do.	42	42		54			51			38			42			
Sales to customers, total.....tril. Btu.	14,341	14,726		5,312			3,180			2,551			3,683			
Residential.....do.	4,946	5,083		2,439			960			429			1,254			
Commercial.....do.	2,409	2,476		1,066			492			306			612			
Industrial.....do.	6,711	6,858		1,692			1,662			1,758			1,747			
Other.....do.	274	309		115			66			59			70			
Revenue from sales to customers, total.....mil. \$.	28,303	31,945		11,166			6,861			5,503			8,416			
Residential.....do.	11,541	12,857		5,685			2,517			1,332			3,323			
Commercial.....do.	4,980	5,617		2,330			1,118			713			1,456			
Industrial.....do.	11,385	13,046		3,019			3,128			3,778			3,525			
Other.....do.	397	425		132			97			85			111			

* Revised. † Preliminary. ‡ Reported annual total; revisions are not distributed to the monthly data. § Beginning 1976, Industrial includes electric generation, prior to 1976, electric generation was included with other. ¶ Series being restructured; data not available at this time. †† Data are not wholly comparable on a year to year basis because of changes

from one classification to another. ‡‡ Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated. ††† Monthly revisions back to 1973 are available upon request.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES ⁹															
Beer:															
Production.....mil. bbl.	170.51	179.08	12.71	15.86	15.63	16.56	16.88	16.74	17.61	14.62	14.01	12.71	12.87	13.83	
Taxable withdrawals.....do	156.92	162.17	11.01	14.18	13.60	15.00	15.82	15.29	16.28	13.72	12.99	12.04	11.57	12.32	
Stocks, end of period.....do	12.42	13.76	12.02	14.56	15.01	14.97	14.57	19.81	14.33	14.01	13.71	13.50	13.76	14.00	
Distilled spirits (total):															
Production.....mil. tax gal.	159.31	166.51	11.29	11.84	13.69	15.15	14.95	7.63	13.20	14.61	18.78	18.09	15.40		
Consumption, apparent, for beverage purposes.....mil. wine gal.	432.56		30.16	38.42	33.82	34.36	38.75	32.06	35.77	34.23	37.35	44.52			
Taxable withdrawals.....mil. tax gal.	221.12	237.04	16.87	21.12	20.15	17.44	20.61	15.63	21.30	20.18	25.42	22.42	17.61		
Stocks, end of period.....do	706.68	662.51	691.79	690.80	686.68	685.96	683.36	678.12	672.34	669.16	665.18	663.28	662.51		
Imports.....mil. proof gal.	112.94	128.60	8.65	9.74	11.52	9.29	10.94	9.08	9.90	10.94	14.83	14.13	11.28	8.36	8.12
Whisky:															
Production.....mil. tax gal.	80.60	79.12	5.40	5.45	6.39	7.77	8.80	3.09	6.06	7.36	8.39	9.21	7.94		
Taxable withdrawals.....do	128.63	133.30	9.70	12.08	11.58	9.52	11.37	8.68	11.39	12.00	15.12	12.99	8.77		
Stocks, end of period.....do	649.00	600.62	633.82	633.43	629.07	627.72	624.89	619.70	614.91	610.95	605.23	601.20	600.62		
Imports.....mil. proof gal.	91.15	101.89	6.76	7.63	9.04	7.12	8.70	6.99	8.08	8.46	12.14	11.55	8.83	6.36	5.07
Rectified spirits and wines, production, total.....mil. proof gal.	110.52	111.42	8.00	10.00	8.68	9.36	9.79	7.46	10.25	9.77	10.49	9.60	8.06		
Whisky.....do	41.48	39.76	2.70	3.42	2.81	3.10	3.36	3.03	3.48	3.40	4.49	3.42	2.60		
Wines and distilling materials:															
Effervescent wines:															
Production.....mil. wine gal.	22.86	23.04	1.51	1.84	1.41	1.94	1.24	1.92	2.55	2.06	2.73	2.59	1.52	1.93	
Taxable withdrawals.....do	21.35	20.60	0.97	1.25	0.98	1.71	0.83	1.13	1.76	1.90	3.27	3.25	2.50	1.12	
Stocks, end of period.....do	8.56	8.25	9.59	9.84	10.19	10.67	10.22	10.97	11.58	11.43	8.51	12.56	8.25	8.19	
Imports.....do	2.93	4.31	0.18	0.29	0.30	0.40	0.40	0.28	0.30	0.40	0.44	0.64	0.47	0.36	0.18
Still wines:															
Production.....do	409.75	420.05	3.99	4.79	5.70	4.81	4.51	2.53	32.67	140.20	151.16	41.16	22.29	6.40	
Taxable withdrawals.....do	310.41	318.79	21.23	31.63	25.65	25.62	26.34	23.32	25.43	26.29	29.10	31.17	27.77	26.40	
Stocks, end of period.....do	505.49	527.07	461.30	434.92	411.29	348.02	355.00	320.44	332.30	431.50	553.44	555.80	527.07	484.25	
Imports.....do	65.79	89.77	5.39	6.62	7.26	7.98	8.64	8.18	8.06	7.68	8.05	8.38	7.90	7.11	4.50
Distilling materials produced at wineries.....do	276.55	244.23	5.49	2.45	1.57	1.90	3.56	1.46	32.17	97.78	67.42	16.13	9.47	6.70	
DAIRY PRODUCTS															
Butter, creamery:															
Production (factory).....mil. lb.	1,085.6	999.0	95.7	97.7	98.5	96.7	84.7	73.7	64.2	64.5	71.1	66.7	77.2	97.4	86.6
Stocks, cold storage, end of period.....do	184.9	206.9	215.9	235.8	246.2	264.6	282.0	297.7	284.6	266.7	251.8	228.9	206.9	208.6	213.3
Price, wholesale, 62 score (N.Y.).....\$ per lb.	1.015	1.141	1.035	1.059	1.084	1.088	1.093	1.117	1.207	1.220	1.219	1.260	1.258	1.150	1.150
Cheese:															
Production (factory) total.....mil. lb.	3,357.9	3,516.5	260.6	311.8	306.2	328.7	332.9	297.0	284.6	264.9	279.4	276.3	300.1	288.9	276.0
American, whole milk.....do	2,042.4	2,093.6	154.3	182.9	190.8	208.2	209.3	183.4	167.5	149.2	159.0	153.5	171.8	173.8	166.0
Stocks, cold storage, end of period.....do	468.6	436.4	442.0	430.0	447.1	462.5	500.2	498.5	489.7	476.6	455.2	431.0	436.4	436.8	449.5
American, whole milk.....do	404.7	357.9	377.5	364.7	379.2	393.3	423.4	423.0	410.8	397.2	379.6	357.0	357.9	361.6	372.6
Imports.....do	209.4	242.2	14.1	16.7	13.6	13.8	13.0	16.4	22.7	19.3	22.0	30.7	45.6	12.8	6.5
Price, wholesale, American, single daisies (Chicago).....\$ per lb.	1.187	1.301	1.241	1.246	1.259	1.259	1.259	1.260	1.321	1.340	1.394	1.400	1.410	1.410	1.350
Condensed and evaporated milk:															
Production, case goods.....mil. lb.	818.9	777.2	52.1	67.3	68.9	82.4	78.8	73.8	69.0	58.2	58.9	52.3	59.3	58.0	56.8
Stocks, manufacturers', case goods, end of month or year.....mil. lb.	75.2	70.3	52.9	52.1	57.4	79.4	101.4	120.2	134.4	136.0	113.8	84.4	70.3	66.0	56.4
Exports:															
Condensed (sweetened).....do	4.1	37.0	3.9	2.6	3.6	3.5	3.2	2.3	2.1	2.4	4.2	2.7	2.4	3.1	3.1
Evaporated (unsweetened).....do	28.8	(9)													
Fluid milk:															
Production on farms.....do	122,698	121,928	9,287	10,523	10,631	11,178	10,851	10,534	10,213	9,733	9,832	9,364	9,788	10,035	9,379
Utilization in mid. dairy products.....do	65,879	64,910	5,093	5,871	5,903	6,293	6,295	5,687	5,323	4,854	4,837	4,517	4,833	5,285	5,016
Price, wholesale, U.S. average.....\$ per 100 lb.	9.72	10.58	10.20	10.20	10.10	10.00	10.00	10.10	10.50	10.90	11.30	11.60	11.80	11.90	11.80
Dry milk:															
Production:															
Dry whole milk.....mil. lb.	69.4	72.8	4.5	7.1	7.4	8.0	6.9	5.9	5.5	5.0	4.9	5.0	5.8	7.2	5.8
Nonfat dry milk (human food).....do	1,106.0	928.8	70.6	84.4	96.4	103.0	113.5	98.2	78.6	59.1	49.0	41.9	54.4	55.1	54.9
Stocks, manufacturers', end of period:															
Dry whole milk.....do	6.0	4.4	5.4	6.1	7.3	8.4	9.5	9.4	9.3	7.4	5.3	3.7	4.4	4.9	5.2
Nonfat dry milk (human food).....do	60.7	40.1	55.4	49.8	79.3	87.2	95.0	94.9	73.9	63.6	52.2	36.6	40.1	37.0	40.5
Exports:															
Dry whole milk.....do	23.8	122.8	6.4	4.3	5.8	6.0	12.9	31.5	15.1	11.4	8.7	10.0	4.0	3.1	1.4
Nonfat dry milk (human food).....do	38.8	(9)													
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.665	.714	.680	.680	.705	.711	.710	.713	.715	.724	.732	.747	.765	.764	.766
GRAIN AND GRAIN PRODUCTS															
Exports (barley, corn, oats, rye, wheat).....mil. bu.	2,586.1	3,311.2	227.4	265.3	271.3	335.8	334.4	288.3	327.6	303.8	260.8	248.7	252.1	202.4	194.7
Barley:															
Production (crop estimate).....do	420.2	447.0													
Stocks (domestic), end of period, total.....do	329.2	386.6		238.0		172.1				468.3			386.6		
On farms.....do	218.9	272.1		148.9		104.7				338.7			272.1		
Off farms.....do	110.3	114.4		89.0		67.4				129.6			114.4		
Exports, including malt.....do	72.8	31.3	.5	.3	2.3	3.3	4.4	5.2	5.0	4.3	3.2	1.0	.5	.7	.1
Prices, wholesale (Minneapolis):															
No. 2, malting.....\$ per bu.	2.45	2.30	2.30	2.29	2.38	2.49	2.35	2.12	2.14	2.26	2.18	2.48	2.32	2.23	2.29
No. 3, straight.....do	2.64	2.29	2.27	2.27	2.38	2.44	2.34	2.10	2.11	2.29	2.27	2.44	2.37	2.28	2.44
Corn:															
Production (crop estimate, grain only).....mil. bu.	6,425.5	7,081.8													
Stocks (domestic), end of period, total.....do	5,509.0	6,197.2		3,877.2		2,837.4				1,104.0			6,197.2		
On farms.....do	3,824.3	4,517.5		2,517.0		1,848.6				659.3			4,517.5		
Off farms.....do	1,678.7	1,679.8		1,360.2		988.8				444.7			1,679.8		
Exports, including meal and flour.....do	1,596.2	1,975.2	128.0	157.0	160.9	207.3	214.3	171.3	180.3	176.4	139.5	153.9	159.1	130.1	124.6
Price, wholesale:															
Weighted avg., selected markets, all grades.....\$ per bu.	2.22	2.39	2.30	2.44	2.80	2.62	2.52	2.47	2.31	2.24	2.27	2.15	2.34	2.23	2.48
Oats:															
Production (crop estimate).....mil. bu.	750.9	601.5													
Stocks (domestic), end of period, total.....do	565.0	562.9		418.7		310.6				665.7			562.		

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
GRAIN AND GRAIN PRODUCTS—Con.																
Rice:																
Production (crop estimate)Δ.....mil. bags ♀	190.2	137.8														
California mills:																
Receipts, domestic, rough.....mil. lb.	2,215	1,675	109	172	93	170	179	69	103	72	240	79	275	124	171	
Shipments from mills, milled rice.....do.	1,460	989	61	99	63	81	140	55	61	109	58	72	126	162	79	
Stocks, rough and cleaned (cleaned basis), end of period.....mil. lb.	214	304	228	237	226	165	239	229	237	185	277	253	304	222	122	
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers.....mil. lb.	9,557	8,824	282	266	131	101	109	110	1,005	3,062	1,708	884	822	607	482	
Shipments from mills, milled rice.....do.	6,217	6,130	505	520	463	455	434	385	500	599	654	620	562	509	511	
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.	2,629	2,488	2,231	1,933	1,638	1,287	952	684	842	2,184	2,604	2,496	2,488	3,365	1,624	
Exports.....do.	4,995	4,972	427	294	339	364	694	347	325	545	467	371	596	361	416	
Price, wholesale, No. 2, medium grain (Southwest Louisiana).....\$ per lb.	.152	.177	.215	.205	.190			.185	.175	.145	.145	.145	.148	.140	.140	
Rye:																
Production (crop estimate)Δ.....mil. bu.	17.3	26.2														
Stocks (domestic), end of period.....do.	9.3	16.2	6.1				4.1						16.2			
Price, wholesale, No. 2 (Minneapolis).....\$ per bu.	2.39	2.64	2.57	2.95	3.02	3.23	2.96	2.39	2.19	2.40	2.37	2.32	2.48	2.52	2.38	2.49
Wheat:																
Production (crop estimate), totalΔ.....mil. bu.	2,036	1,799														
Spring wheatΔ.....do.	1,499	1,550														
Winter wheatΔ.....do.	1,537	1,248														
Distribution, quarterly ♂	1,827	2,163		466				351			839			507		
Stocks (domestic), end of period, total.....do.	1,993.8	1,630.7		1,527.7				1,176.7			2,137.0			1,630.7		
On farms.....do.	831.3	815.4		639.9				492.9			1,032.9			815.4		
Off farms.....do.	1,162.5	815.3		887.8				683.8			1,104.2			815.3		
Exports, total, including flour.....do.	905.8	1,289.4	98.1	107.4	107.8	124.2	115.1	110.0	136.9	122.8	116.5	93.1	91.2	71.3	69.8	
Wheat only.....do.	863.9	1,243.5	94.5	103.3	101.8	118.8	108.8	106.1	131.9	118.3	113.0	92.3	90.0	70.4	67.1	
Prices, wholesale:																
No. 1, dark northern spring (Minneapolis).....\$ per bu.	2.80	3.24	3.07	3.13	3.32	3.35	3.27	3.18	3.18	3.30	3.39	3.52	3.16	3.32	3.47	3.50
No. 2, hd. and dk. hd. winter (Kans. City).....do.	2.62	3.24	2.99	3.16	3.34	3.26	3.20	3.20	3.12	3.27	3.44	3.50	3.46	3.41	3.52	3.56
Weighted avg., selected markets, all grades.....\$ per bu.	2.88	3.33	3.14	3.27	3.37	3.40	3.34	3.22	3.31	3.34	3.51	3.55	3.40	3.30	3.55	3.59
Wheat flour:																
Production:																
Flour.....thous. sacks (100 lb.)	275,784	277,844	21,738	24,330	22,554	24,078	23,051	22,335	25,053	22,395	24,843	23,738	21,942	22,817	21,558	
Offal.....thous. sh. tons.	4,593	4,860	385	430	385	417	402	384	439	400	436	416	385	404	375	
Grindings of wheat.....thous. bu.	618,125	621,296	48,910	54,821	50,478	53,601	51,544	49,749	56,062	50,506	55,348	52,934	48,913	50,886	48,128	
Stocks held by mills, end of period.....thous. sacks (100 lb.)	4,160	3,214		4,096				3,459			3,342			3,214		
Exports.....do.	17,994	19,711	1,539	1,774	2,554	2,297	2,694	1,674	2,145	1,963	1,505	357	486	382	1,165	
Prices, wholesale:																
Spring, standard patent (Minneapolis).....\$ per 100 lb.	7.160	8.012	7.325	7.650	8.638	8.388	8.100	8.250	7.938	7.825	7.900	8.400	8.138	7.813	8.038	8.313
Winter, hard, 95% patent (Kans. City).....do.	6.246	7.467	6.675	6.963	8.250	7.463	7.225	7.600	7.575	7.550	7.600	7.925	7.788	7.550	7.775	8.175
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals.	4,696	3,620	336	386	304	288	271	261	304	275	287	274	267	265	212	
Cattle.....do.	38,717	36,948	3,046	3,243	2,969	3,215	3,052	2,869	3,247	3,027	3,180	3,029	2,834	3,090	2,559	
Prices, wholesale:																
Beef steers (Omaha).....\$ per 100 lb.	40.38	52.34	45.02	48.66	52.52	57.28	55.38	54.59	52.40	54.26	54.93	53.82	55.54	60.35	64.88	71.04
Steers, stocker and feeder (Kansas City).....do.	38.74	56.16	46.89	51.39	53.81	59.85	57.42	58.67	58.22	60.23	62.06	60.75	64.19	69.95	75.61	82.55
Calves, vealers (So. St. Paul).....do.	48.19	69.24	43.75	47.60	69.45	77.26	73.28	75.72	81.66	83.25	81.82	78.60	80.73	91.48	97.50	
Hogs:																
Slaughter (federally inspected).....thous. animals.	74,018	74,139	5,840	6,795	6,213	6,298	5,778	5,402	6,227	6,203	6,576	6,737	6,101	6,393	5,693	
Prices:																
Wholesale, average, all weights (Sioux City)⊕.....\$ per 100 lb.	41.12	48.67	49.26	47.77	46.22	49.25	48.19	46.94	48.83	50.34	52.58	48.68	49.73	52.11	54.93	49.66
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....	19.9	22.4	23.6	21.8	20.0	20.9	20.9	20.9	24.0	24.0	25.9	23.1	23.0	24.0	24.2	23.0
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals.	6,133	5,169	390	487	430	451	441	406	438	435	457	413	396	391	354	
Price, wholesale, lambs, average (Omaha).....\$ per 100 lb.	53.38	63.28	67.50	69.38	62.75	71.00	59.50	60.00	59.25	62.50	60.00	59.50	64.00	73.75	71.25	61.25
MEATS																
Total meats (excluding lard):																
Production, total.....mil. lb.	39,172	38,119	3,045	3,342	3,079	3,269	3,081	2,883	3,274	3,139	3,355	3,345	3,094	3,281	2,758	
Stocks, cold storage, end of period.....do.	567	724	572	658	753	760	721	645	581	598	639	715	724	736	721	
Exports (meat and meat preparations).....do.	1,315	1,338	101	115	108	108	99	93	119	131	124	119	111	102	95	
Imports (meat and meat preparations).....do.	1,741	2,072	155	183	202	181	167	161	137	182	184	201	181	201	184	
Beef and veal:																
Production, total.....do.	25,780	24,610	2,010	2,134	1,960	2,118	2,009	1,896	2,147	2,019	2,151	2,083	1,941	2,110	1,735	
Stocks, cold storage, end of period.....do.	327	414	331	370	389	399	382	346	324	342	356	336	414	440	424	
Exports.....do.	93	388	35	27	32	30	32	28	35	42	31	32	33	28	31	
Imports.....do.	1,377	1,635	118	141	161	147	133	123	107	151	141	165	145	160	151	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (East Coast).....\$ per lb.	.662	.834	.747	.782	.846	.922	.897	.878	.840	.854	.859	.845	.884	.974	.975	1.046
Lamb and mutton:																
Production, total.....mil. lb.	341	300	23	28	25	26	25	23	25	25	27	25	24	23	22	
Stocks, cold storage, end of period.....do.	10	12	9	8	9	10	10	12	11	11	12	12	12	11	11	

* Revised. ¹ Crop estimate for the year. ² See "♂" note, this page. ³ Stocks as of June 1. ⁴ Previous year's crop; new crop not reported until June (beginning of new crop year). ⁵ See "⊕" note, this page. ⁶ See corresponding note on p. S-29. ⁷ Ten-month average; Feb. and June prices not available. ⁸ See note "¶" for this page. ⁹ Bags of 100 lbs. [♂] Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.). [⊕] Effective April 1977 SURVEY, data beginning Feb. 1976 are restated to exclude cooler meats; comparable earlier data will be shown later. [†] See corresponding note, p. S-29. [⊕] Effective July 1977 SURVEY, monthly prices are restated through May 1977 to coincide with published annual averages which are for "all weights, excluding hogs"; comparable monthly data prior to May 1976 will be shown later. ^Δ Revised crop estimates for 1971-1974 are available. [‡] Monthly revisions back to Jan. 1976 will be shown later. [¶] Effective Feb. 1979, prices are for Central U.S. (including East Coast); comparability is not affected. [⊖] Corrected.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

MEATS—Continued																
Pork (excluding lard):																
Production, total..... mil. lb.	13,051	13,209	1,013	1,179	1,093	1,125	1,047	964	1,101	1,095	1,176	1,236	1,129	1,147	1,001	
Stocks, cold storage, end of period ^Δ do.	186	242	172	216	282	281	260	220	179	178	207	245	242	225	219	
Exports..... do.	289	346	26	26	25	31	25	23	31	32	35	36	26	23	18	
Imports..... do.	298	347	29	35	32	28	26	29	23	23	36	29	29	31	27	
Prices, wholesale:																
Hams, smoked composite..... \$ per lb.	1.865	.900	.932	.822	.759	.820	.808	.803	.887	.905	1.038	1.086	1.078	.885	.880	.939
Fresh loins, 8-14 lb. average (New York)..... do.	.952	1.091	1.066	1.022	1.001	1.091	1.129	1.102	1.067	1.147	1.212	1.124	1.097	1.254	1.251	1.119
POULTRY AND EGGS																
Poultry:																
Slaughter (commercial production)..... mil. lb.	11,916	12,553	831	981	901	1,088	1,127	1,052	1,234	1,119	1,229	1,081	978			
Stocks, cold storage (frozen), end of period, total..... mil. lb.	310	280	263	233	210	213	257	326	416	489	538	346	280	280	260	
Turkeys..... do.	168	175	137	113	101	104	153	214	301	373	425	236	175	171	157	
Price, in Georgia producing area, live broilers..... \$ per lb.	.237	.260	.240	.240	.280	.265	.300	.330	.265	.270	.245	.245	.250	.265	.280	.290
Eggs:																
Production on farms [†] mil. cases [○]	179.5	186.2	14.2	15.8	15.4	15.9	15.2	15.4	15.4	15.2	15.9	15.8	16.5	16.3	14.6	
Stocks, cold storage, end of period:																
Shell..... thous. cases [○]	39	38	27	25	36	29	26	26	48	43	23	35	38	22	18	
Frozen..... mil. lb.	30	25	26	23	23	22	27	28	29	29	28	26	25	26	24	
Price, wholesale, large (delivered; Chicago)..... \$ per doz.	.624	.603	.628	.620	.570	.520	.493	.612	.618	.632	.608	.672	.716	.713	.677	
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells)..... thous. lg. tons.	172.1	209.7	20.3	27.9	20.5	16.5	12.4	16.1	14.7	7.3	15.9	18.6	20.2	27.3	26.7	
Price, wholesale, Accra (New York)..... \$ per lb.	2.144	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Coffee (green):																
Inventories (roasters', importers', dealers'), end of period..... thous. bags [○]	1,684	2,331		2,161			2,202			2,131			2,331			
Roastings (green weight)..... do.	14,233	16,299		4,467			3,554			3,781			4,497			
Imports, total..... do.	14,808	18,133	1,575	1,707	1,557	1,345	1,249	1,316	1,124	1,337	1,901	1,689	1,651	1,747	1,353	
From Brazil..... do.	2,453	2,679	129	115	319	329	206	337	56	57	334	308	280	333	101	
Price, wholesale, Santos, No. 4 (N.Y.)..... \$ per lb.	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484	1.484
Confectionery, manufacturers' sales..... mil. \$	3,059	3,111	291	271	207	211	193	174	314	306	312	289	291	246		
Fish:																
Stocks, cold storage, end of period [†] mil. lb.	420	422	339	336	319	324	342	364	408	425	427	426	422	379	341	
Sugar (United States):																
Deliveries and supply (raw basis): [§]																
Production and receipts:																
Production..... thous. sh. tons.	5,054	4,575	374	280	130	189	135	48	35	115	658	1,046	963	710		
Deliveries, total..... do.	11,242	10,892	775	930	864	891	1,033	905	1,122	1,020	894	853	840	842		
For domestic consumption..... do.	11,207	10,841	772	927	861	888	1,029	901	1,109	1,014	888	849	840	835		
Stocks, raw and ref., end of period..... do.	4,349	3,734	4,104	3,850	3,451	3,326	3,059	2,729	2,264	2,054	2,324	3,084	3,734	3,927	3,797	
Exports, raw and refined..... sh. tons.	20,335	14,138	881	970	802	682	613	841	747	1,019	1,020	1,077	1,174	865	464	
Imports:																
Raw sugar, total..... thous. sh. tons.	5,130	4,177	189	447	67	300	330	607	335	550	400	327	348	343	214	
From the Philippines..... do.	1,136	822	49	53	28	63	56	16	54	131	114	66	134	0	0	
Refined sugar, total..... do.	656	(9)														
Prices (New York):																
Raw, wholesale..... \$ per lb.	.109	1.143	.114	.114	.114	.114	.114	.114	1.135	.144	.150	.142	.145	.138	.150	.153
Refined:																
Retail (incl. N.E. New Jersey)..... \$ per 5 lb.	1.118	1.211	1.174	1.212	1.270	1.268	1.189	(⁹)								
Wholesale (excl. excise tax)..... \$ per lb.	.169	.204	.201	.193	.201	.200	.198	.191	.205	.213	.223	.214	.220	.223	.219	.220
Tea, imports..... thous. lb.	203,012	151,751	12,791	18,648	15,450	17,523	8,286	13,141	13,788	9,390	12,502	8,877	12,332	14,797	10,568	
FATS, OILS, AND RELATED PRODUCTS																
Baking or frying fats (incl. shortening):																
Production [†] mil. lb.	3,841.1	4,044.6	305.1	368.2	328.0	335.5	302.2	293.0	360.4	356.0	381.5	370.1	332.2	334.0	311.8	
Stocks, end of period [⊕] do.	113.0	106.7	125.2	112.1	128.4	141.1	126.1	124.2	107.2	106.9	107.9	110.0	106.7	121.3	128.5	
Salad or cooking oils:																
Production [†] do.	4,352.9	4,849.2	378.1	459.0	435.0	413.1	406.8	368.8	410.6	389.2	407.1	401.3	389.1	397.3	366.9	
Stocks, end of period [⊕] do.	105.4	123.0	118.3	112.7	133.8	128.1	123.7	130.8	132.9	121.6	106.8	120.4	123.0	117.1	110.9	
Margarine:																
Production..... do.	2,535.0	2,519.5	224.6	243.0	186.8	183.7	194.6	166.0	200.6	207.6	222.2	220.6	250.0	233.1	214.8	
Stocks, end of period [⊕] do.	79.9	69.5	70.2	59.3	72.3	63.4	68.8	67.8	60.3	66.0	68.9	58.9	69.5	66.8	82.1	
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered)..... \$ per lb.	.507	.529	.500	.514	.552	.552	.552	.552	.525	.522	.521	.533	.528	.523	.523	.535
Animal and fish fats:																
Tallow, edible:																
Production (quantities rendered)..... mil. lb.	769.4	835.0	60.8	74.1	60.8	70.0	65.5	61.7	70.3	68.8	79.3	78.8	80.9	77.8	68.5	
Consumption in end products..... do.	787.9	847.8	67.0	82.8	74.8	71.4	63.7	62.0	70.6	74.8	77.3	72.1	64.7	67.5	68.6	
Stocks, end of period [†] do.	42.4	55.1	49.1	40.6	38.3	38.8	45.4	45.1	46.3	41.8	44.4	45.0	55.1	63.4	57.6	
Tallow and grease (except wool), inedible:																
Production (quantities rendered)..... do.	6,106.4	5,815.9	464.2	537.4	463.3	500.1	464.9	442.5	491.8	474.1	505.9	501.8	486.7	503.6	426.1	
Consumption in end products..... do.	3,180.5	3,219.5	261.9	294.4	281.7	296.3	263.1	242.5	273.6	250.3	286.0	270.1	244.8	267.7	255.0	
Stocks, end of period [†] do.	347.2	346.6	349.0	352.3	289.2	292.7	289.3	309.6	346.1	394.0	304.2	348.8	346.6	398.7	380.8	

^r Revised. ^p Preliminary. ¹ Average for July-Dec.; beginning July 1977, prices represent Midwest and Los Angeles and are not comparable with those for earlier periods. ² Average for 5 mos. (Aug.-Dec.). ³ See "Δ" note, this page. ⁴ Reflects revisions not distributed to the months. ⁵ Beginning Aug. 1978, prices are estimated; not strictly comparable with those for earlier periods. Annual average for 1978 represents Aug.-Dec. ⁶ Because of an overall revision to the export commodity classification system effective Jan. 1, 1978, data may not be strictly comparable with those for earlier periods. ⁷ Beginning Jan. 1978, data are for both raw and refined sugar and are not comparable with those for earlier periods. ⁸ Beginning Jan. 1978, data are no longer available; see note 7, this page. ⁹ Beginning July 1978, data no longer available. Annual average for 1978 represents Jan.-June. [○] Cases of 30 dozen. [⊕] Bags of 132.276 lb. [§] Monthly data reflect cumulative revisions for prior periods. [⊗] Producers' and warehouse stocks. [¶] Factory and warehouse stocks. [†] Monthly revisions back to 1974 are available. ^Δ Effective April 1977 SURVEY, data beginning Feb. 1976 are restated to exclude cooler pork; comparable earlier data will be shown later. [†] Revised series. Beginning May 1977 SURVEY, data represent total commercial slaughter (excluding rendered pork fat and lard), whereas the price for calves (p. S-28), represents a different market. Comparable data prior to Mar. 1976 will be shown later.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978												1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

FATS, OILS, AND RELATED PRODUCTS—Continued																
Vegetable oils and related products:																
Coconut oil:																
Production, refined.....mil. lb.	729.4	768.3	56.8	73.0	70.4	68.1	69.0	65.3	70.3	61.3	69.6	59.7	46.7	* 60.0	55.9	-----
Consumption in end products.....do.	878.7	914.2	71.0	81.5	88.9	87.6	76.1	73.6	79.0	72.4	84.0	75.4	55.4	* 72.7	66.6	-----
Stocks, refined, end of period †.....do.	39.9	44.4	35.9	46.0	48.2	41.2	40.7	38.7	39.0	43.0	40.6	40.3	44.4	* 45.0	49.3	-----
Imports.....do.	994.3	1,022.5	127.1	102.9	72.4	98.3	79.9	104.5	83.7	47.0	80.4	100.7	60.1	* 167.2	83.7	-----
Corn oil:																
Production: Crude.....do.	671.9	720.0	51.6	58.7	57.1	68.0	64.7	60.5	59.7	63.8	65.4	59.8	55.8	* 47.6	57.1	-----
Refined.....do.	577.0	581.1	43.2	51.1	44.4	53.3	48.1	41.4	55.1	52.7	54.4	46.3	43.5	* 44.2	41.7	-----
Consumption in end products.....do.	537.6	537.9	43.2	48.7	37.5	41.2	44.9	37.7	47.3	50.9	50.8	43.7	47.3	* 49.1	41.6	-----
Stocks, crude and ref., end of period †.....do.	33.4	70.4	31.9	33.4	41.2	52.3	62.9	69.3	71.0	72.6	70.1	74.6	70.4	* 61.0	72.7	-----
Cottonseed oil:																
Production: Crude.....do.	1,254.6	1,417.7	129.5	141.8	122.1	109.2	113.9	107.8	103.5	82.0	108.8	134.0	123.5	* 134.4	128.0	-----
Refined †.....do.	1,188.8	1,344.8	117.0	136.6	122.5	109.9	114.1	110.0	117.5	84.7	83.7	116.0	100.4	* 118.8	114.9	-----
Consumption in end products.....do.	625.3	697.3	52.3	55.6	55.7	63.4	65.9	62.3	60.0	57.3	55.6	64.6	54.6	* 55.9	57.7	-----
Stocks, crude and ref., end of period †.....do.	142.3	127.1	167.0	188.4	193.4	165.4	139.7	114.3	102.3	84.8	101.4	123.0	127.1	* 152.2	158.8	-----
Exports (crude and refined).....do.	731.2	728.8	68.2	84.9	61.6	59.8	63.5	70.2	50.0	82.3	25.9	29.2	82.5	* 56.7	71.2	-----
Price, wholesale (N.Y.).....\$ per lb.	.299	.332	.288	.315	.315	.335	.333	.340	.355	.405	.340	.328	.330	* .335	.380	.385
Soybean oil:																
Production: Crude.....mil. lb.	8,836.5	10,621.4	809.5	943.3	866.9	908.2	795.1	777.9	815.8	783.3	984.3	974.8	1,050.4	* 989.1	905.4	-----
Refined †.....do.	7,789.5	8,713.7	665.9	816.9	752.3	746.3	662.5	649.2	725.3	679.9	782.8	747.7	765.7	* 753.3	680.7	-----
Consumption in end products.....do.	7,451.1	8,175.2	648.8	771.7	686.5	662.4	640.5	596.2	699.8	672.5	715.9	709.3	707.5	* 695.1	632.0	-----
Stocks, crude and ref., end of period †.....do.	864.0	970.6	861.2	808.3	826.9	833.8	839.3	825.6	777.5	728.6	813.4	837.1	970.6	* 932.2	960.7	-----
Exports (crude and refined).....do.	1,666.9	\$1,944.5	141.8	252.6	218.9	176.4	147.2	165.5	108.8	193.4	96.8	154.8	175.4	* 219.1	249.8	-----
Price, wholesale (refined; N.Y.).....\$ per lb.	.289	.309	.265	.320	.319	.336	.315	.320	.316	.330	.329	.293	.305	* .309	.325	.321
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb.	1,912	12,016	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Stocks, dealers' and manufacturers', end of period.....mil. lb.	5,070	5,071	-----	4,811	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Exports, incl. scrap and stems.....thous. lb.	628,564	687,772	55,604	73,157	40,904	32,316	29,178	42,661	52,266	41,319	85,785	95,786	86,258	* 35,559	50,142	-----
Imports, incl. scrap and stems.....do.	316,236	335,981	26,973	27,773	29,161	31,446	29,661	35,184	28,032	26,755	32,049	21,474	21,548	* 42,866	31,267	-----
Manufactured:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions	78,133	85,135	6,769	7,362	6,073	6,981	7,971	5,925	9,141	8,002	7,634	7,522	5,456	* 7,560	-----	-----
Taxable.....do.	592,006	614,208	49,326	55,317	50,268	54,390	58,267	44,307	54,308	50,321	53,387	53,689	42,125	* 55,455	-----	-----
Cigars (large), taxable.....do.	3,776	3,621	271	329	282	319	345	235	298	322	346	323	271	* 212	-----	-----
Exports, cigarettes.....do.	66,835	74,359	6,151	6,580	5,361	6,050	6,616	5,523	7,205	7,823	6,328	6,846	6,160	* 4,398	5,639	-----

LEATHER AND PRODUCTS

HIDES AND SKINS																
Exports:																
Value, total †.....thous. \$	582,906	\$ 694,617	47,562	58,535	61,297	55,370	55,846	47,511	58,797	54,396	60,090	58,503	91,186	61,605	77,390	-----
Calf and kip skins.....thous. skins	2,508	2,665	160	288	265	194	199	222	189	339	181	177	241	207	264	-----
Cattle hides.....thous. hides	24,488	24,792	2,021	2,270	2,375	2,122	2,078	1,725	2,176	1,779	1,922	1,754	2,676	1,635	2,056	-----
Imports:																
Value, total †.....thous. \$	96,600	105,600	10,200	10,800	12,200	11,400	8,800	8,300	7,800	7,600	7,700	7,100	7,000	9,200	-----	-----
Sheep and lamb skins.....thous. pieces	15,468	17,807	1,850	2,080	2,541	2,245	1,577	1,848	1,323	1,093	920	935	739	1,321	1,581	-----
Goat and kid skins.....do.	1,137	1,762	227	143	275	128	45	190	75	117	112	175	158	352	145	-----
Prices, wholesale, f.o.b. shipping point:																
Calfskins, packer, heavy, 9 1/2 lb.....\$ per lb.	3.914	1.346	.900	1.000	1.100	1.100	1.100	1.200	1.850	1.850	1.850	1.650	1.650	1.800	2.000	2.200
Hides, steer, heavy, native, over 53 lb.....do.	.370	.472	.378	.373	.413	.418	.458	.478	.530	.590	.573	.548	.518	.603	.653	.913
LEATHER																
Production:																
Calf and whole kip.....thous. skins	(*)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cattle hide and side kip.....thous. hides and kips	(*)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Goat and kid.....thous. skins	(*)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Sheep and lamb.....do.	(*)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Exports:																
Upper and lining leather.....thous. sq. ft.	2,066,276	2,088,799	15,309	16,408	16,720	18,899	21,427	14,160	19,726	16,224	17,438	17,947	17,176	13,854	16,014	-----
Prices, wholesale, f.o.b. tannery:																
Sole, bends, light.....index, 1967=100	206.1	* 235.2	212.8	208.5	207.1	210.0	-----	227.2	241.6	270.4	261.7	270.4	267.5	284.7	284.7	338.0
Upper, chrome calf, B and C grades.....index, 1967=100	(*)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
LEATHER MANUFACTURES																
Footwear:																
Production, total.....thous. pairs	301,121	395,765	32,572	37,271	36,173	36,761	34,221	24,481	34,445	31,629	33,530	31,364	* 28,219	33,496	-----	-----
Shoes, sandals, and play shoes, except athletic.....thous. pairs	309,770	309,691	26,498	29,895	27,870	28,871	26,516	19,987	26,827	24,116	25,103	24,241	* 22,954	27,261	-----	-----
Slippers.....do.	65,961	62,675	4,608	5,520	6,010	5,991	5,830	3,248	5,857	5,799	6,501	5,479	* 3,660	4,358	-----	-----
Athletic.....do.	12,642	15,835	1,020	1,479	1,568	1,578	1,474	947	1,362	1,334	1,501	1,306	* 1,317	1,555	-----	-----
Other footwear.....do.	2,748	4,564	356	377	725	321	401	299	399	380	425	338	* 288	322	-----	-----
Exports.....do.	5,411	6,179	378	585	495	448	514	454	605	467	546	612	679	549	526	-----
Prices, wholesale f.o.b. factory:																
Men's and boys' oxfords, dress, elk or side upper, Goodyear welt.....index, 1967=100	198.3	* 211.3	206.8	206.8	211.4	211.4	211.4	211.4	213.8	218.6	221.0	-----	-----	-----	-----	-----
Women's oxfords, elk side upper, Goodyear welt.....index, 1967=100	171.8	185.3	176.9	176.9	181.7	182.9	182.9	182.9	182.9	187.7	197.3	197.3	197.3	197.3	197.3	204.6
Women's pumps, low-medium quality.....do.	144.9	* 157.5	146.8	146.8	157.4	161.3	161.3	161.3	161.3	161.3	170.9	-----	-----	-----	-----	-----

* Revised. † Crop estimate for the year. ‡ Annual total reflects revisions not distributed to the monthly data. § Average for Jan.-Sept., Nov. and Dec. ¶ Average for Jan.-May, and July-Dec. †† Because of an overall revision to the export commodity classification system effective Jan. 1, 1978, data may not be strictly comparable with those for earlier periods. ‡‡ Data no longer available. ††† Average for Jan.-Oct. †††† Includes data for items not shown separately. ††††† Factory and warehouse stocks. †††††† Monthly revisions back to Jan. 1977 are available. ††††††† Corrected.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

LUMBER AND PRODUCTS

LUMBER-ALL TYPES ¹																	
National Forest Products Association:																	
Production, total.....mil. bd. ft.	37,520	37,947	2,904	3,222	3,127	3,203	3,333	2,988	3,263	3,285	3,333	3,102	2,931	2,877			
Hardwoods.....do	6,597	7,395	430	497	571	546	574	597	591	580	629	618	595	619			
Softwoods.....do	30,923	30,552	2,474	2,725	2,556	2,657	2,759	2,391	2,672	2,705	2,704	2,484	2,336	2,258			
Shipments, total.....do	37,755	38,051	2,741	3,158	3,133	3,355	3,548	3,156	3,357	3,250	3,262	3,116	2,907	2,813			
Hardwoods.....do	6,712	7,365	456	511	574	583	600	574	567	577	601	600	572	604			
Softwoods.....do	31,043	30,686	2,285	2,647	2,559	2,772	2,948	2,582	2,790	2,673	2,661	2,516	2,335	2,209			
Stocks (gross), mill, end of period, total.....do	4,851	4,747	5,128	5,201	5,190	5,088	4,877	4,705	4,632	4,660	4,740	4,731	4,747	4,811			
Hardwoods.....do	772	802	763	749	752	715	687	706	732	737	765	783	802	817			
Softwoods.....do	4,079	3,945	4,365	4,452	4,438	4,373	4,190	3,999	3,900	3,923	3,975	3,948	3,945	3,994			
Exports, total sawmill products.....do	1,670	1,300	94	110	125	212	118	93	88	94	96	100	97	121			
Imports, total sawmill products.....do	10,698	12,199	840	939	915	1,173	1,117	1,194	1,119	1,014	1,091	979	954	761			
SOFTWOODS																	
Douglas fir:																	
Orders, new.....mil. bd. ft.	8,712	8,920	712	846	757	807	833	705	634	779	742	632	718	747	648		
Orders, unfilled, end of period.....do	565	553	586	649	679	706	614	597	548	610	612	526	553	622	639		
Production.....do	8,796	8,912	810	812	745	745	816	619	672	738	790	707	689	669	674		
Shipments.....do	8,781	8,932	783	783	727	780	925	722	717	717	740	718	691	678	631		
Stocks (gross), mill, end of period.....do	964	944	1,114	1,143	1,161	1,126	1,017	914	886	907	957	946	944	935	978		
Exports, total sawmill products.....do	488	478	39	52	37	52	50	47	30	35	39	34	35	31	46		
Sawed timber.....do	129	119	9	17	10	16	19	4	7	11	8	7	7	8	11		
Boards, planks, scantlings, etc.....do	359	359	29	36	27	36	31	44	23	24	31	27	28	23	35		
Price, producer: Dimension, construction, dried, 2" x 4", R. L. \$ per M bd. ft.	230.38	253.39	241.81	246.28	238.48	238.43	245.28	245.00	272.06	274.74	266.66	271.51	262.40	258.77	260.53	261.46	
Southern pine:																	
Orders, new.....mil. bd. ft.	8,291	8,319	591	790	767	761	696	668	769	671	738	626	618	669			
Orders, unfilled, end of period.....do	470	505	495	552	563	588	552	544	561	541	542	510	505	538			
Production.....do	8,198	8,287	622	728	730	735	728	669	733	688	737	663	646	654			
Shipments.....do	8,264	8,284	596	733	756	736	732	676	752	691	737	658	623	636			
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	1,166	1,169	1,206	1,210	1,175	1,174	1,170	1,163	1,144	1,141	1,141	1,146	1,169	1,187			
Exports, total sawmill products.....M bd. ft.	157,806	152,121	9,784	14,492	14,920	12,506	15,495	8,991	10,324	12,161	10,467	15,751	12,518	15,273	25,522		
Prices, producer (indexes): Boards, No. 2 and better, 1" x 6", R. L. 1967=100	271.0	329.7	305.5	313.6	321.5	329.7	331.5	333.6	337.7	343.4	346.4	347.1	347.8	348.6	349.4	355.6	
Flooring, C and better, F. G., 1" x 4", S. L. 1967=100	250.2	276.9	269.9	272.4	271.2	274.4	274.4	276.6	280.6	282.1	283.8	284.3	285.4	285.4	286.5	288.6	
Western pine:																	
Orders, new.....mil. bd. ft.	10,331	9,907	752	850	739	877	874	854	889	980	908	714	774	793	712		
Orders, unfilled, end of period.....do	590	469	618	636	596	546	526	544	506	545	545	462	469	596	612		
Production.....do	10,309	9,910	759	871	790	865	843	786	901	927	897	776	751	701	722		
Shipments.....do	10,295	10,028	701	832	779	927	894	836	927	941	908	797	767	666	696		
Stocks (gross), mill, end of period.....do	1,329	1,211	1,412	1,451	1,462	1,400	1,349	1,299	1,273	1,259	1,248	1,227	1,211	1,246	1,272		
Price, producer, Ponderosa, boards, No. 3, 1" x 12", R. L. (6' and over).....\$ per M bd. ft.	231.53	237.07	263.85	264.90	267.57	240.07	251.25	232.33	236.92	254.23	267.17		317.01	304.49	332.11	366.87	
HARDWOOD FLOORING																	
Oak:																	
Orders, new.....mil. bd. ft.	112.8	108.6	8.6	10.8	9.5	9.3	9.3	8.5	10.5	7.9	9.8	8.3	6.3	9.4	7.3		
Orders, unfilled, end of period.....do	7.9	9.2	9.1	10.4	10.7	11.6	10.2	11.4	11.4	10.6	11.0	9.6	9.2	9.2	9.2		
Production.....do	109.8	104.7	8.0	9.9	9.0	8.8	9.1	7.2	9.9	8.7	8.9	9.4	8.0	8.3	7.8		
Shipments.....do	110.0	106.3	8.5	9.4	9.2	8.5	10.1	7.4	10.4	8.7	9.4	8.7	7.2	9.4	7.2		
Stocks (gross), mill, end of period.....do	6.2	2.7	4.8	5.4	5.2	5.4	4.0	3.7	3.1	3.2	2.7	3.4	2.7	1.6	2.1		

METALS AND MANUFACTURES

IRON AND STEEL																	
Exports:																	
Steel mill products.....thous. sh. tons	2,003	2,508	208	191	205	255	271	174	208	174	218	194	248	193	165		
Scrap.....do	6,175	9,278	444	628	695	821	786	756	777	834	977	973	944	853	1,145		
Pig iron.....do	51	51	1	5	(3)	1	1	5	7	1	11	8	11	35	5		
Imports:																	
Steel mill products.....do	19,307	21,135	2,220	1,988	2,175	1,511	1,360	1,785	1,870	1,584	1,715	2,016	1,372	1,264	1,329		
Scrap.....do	625	794	46	71	45	127	55	77	71	70	51	67	60	46	48		
Pig iron.....do	373	655	7	61	35	38	99	42	78	88	41	75	48	49	33		
Iron and Steel Scrap ²																	
Production.....thous. sh. tons	149,523	51,960	3,714	4,730	4,477	4,581	4,605	4,070	4,565	4,426	4,699	4,442	4,323	4,221			
Receipts, net.....do	147,873	51,804	3,868	4,296	4,265	4,851	4,509	4,144	4,426	4,186	4,443	4,342	4,239	4,135			
Consumption.....do	192,090	99,133	7,374	8,347	8,488	8,938	8,579	7,659	8,279	8,338	8,918	8,397	8,300	8,188			
Stocks, end of period.....do	19,360	8,313	8,797	9,017	8,779	8,738	8,747	8,865	9,018	8,808	8,536	8,458	8,313	8,027			
Prices, steel scrap, No. 1 heavy melting: Composite (5 markets).....\$ per lg. ton	55.99		68.94	71.90	75.42	71.46	71.38	76.00	75.40	72.81	71.67	79.05					
Pittsburgh district.....do	80.35	78.29	74.50	77.00	80.50	75.50	75.00	82.50	78.50	75.50	75.50	83.50	88.50	93.50	108.50	133.00	

¹ Revised. ² Preliminary. ³ Annual data; monthly revisions are not available.
⁴ Effective with Feb. 1977, composite reflects substitution of Los Angeles for San Francisco; effective July 1977, it reflects addition of Detroit and Houston. Avg. for 1977 is for July-Dec.
⁵ Less than 500 short tons. ⁶ Average for 11 months; price not available for Nov.
⁷ Totals include data for types of lumber not shown separately. ⁸ Effective Aug. 1976

SURVEY, scrap excludes imports of rerolling rails and pig iron excludes sponge iron imports previously included. ⁹ Effective with 1974 annual and Jan. 1975 figures, data reflect expanded sample and exclusion of direct-reduced (prereduced) iron, previously included in scrap series.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
METALS AND MANUFACTURES—Continued																
IRON AND STEEL—Continued																
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. lg. tons..	55,750	80,718	4,820	6,425	6,034	7,751	7,988	7,559	7,593	7,314	7,032	6,546	6,552	6,144	-----	-----
Shipments from mines.....do.....	54,053	82,539	2,475	2,489	5,299	8,558	8,754	9,757	9,779	8,707	8,088	7,667	7,095	3,296	-----	-----
Imports.....do.....	37,905	29,924	1,316	1,643	1,291	2,102	2,182	3,686	4,488	4,534	1,610	4,015	3,057	2,108	1,479	-----
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants.....do.....	94,944	114,227	4,185	4,639	6,363	10,907	11,448	11,787	14,658	12,291	12,285	11,524	9,732	4,711	-----	-----
Consumption at iron and steel plants.....do.....	108,462	116,305	8,321	9,048	9,379	10,114	10,216	9,940	10,137	9,797	10,323	9,954	10,341	9,457	-----	-----
Exports.....do.....	2,143	3,762	2	2	390	393	403	143	348	520	317	733	435	183	31	-----
Stocks, total, end of period.....do.....	59,390	55,339	54,092	53,084	50,360	49,862	51,887	51,561	53,791	54,681	55,500	56,432	55,339	53,028	-----	-----
At mines.....do.....	14,140	12,469	17,702	21,687	22,411	21,598	20,968	18,772	16,461	15,165	14,104	12,982	12,469	14,852	-----	-----
At furnace yards.....do.....	42,271	39,301	33,701	29,195	26,199	26,903	28,127	29,939	34,349	36,738	38,585	40,049	39,301	34,473	-----	-----
At U.S. docks.....do.....	2,979	3,569	2,689	2,202	1,750	1,361	22,792	2,850	2,981	2,778	2,811	3,401	3,569	3,703	-----	-----
Manganese (mn. content), general imports.....do.....	834	842	50	113	49	71	55	82	42	97	62	64	63	62	50	-----
Pig Iron and Iron Products																
Pig iron:																
Production (excluding production of ferroalloys).....thous. sh. tons..	81,328	87,687	5,971	6,894	7,189	7,936	7,754	7,637	7,518	7,391	7,809	7,533	7,658	7,064	6,636	-----
Consumption.....do.....	82,017	88,384	6,061	7,013	7,316	7,969	7,770	7,611	7,527	7,463	7,887	7,594	7,721	7,098	6,671	-----
Stocks, end of period.....do.....	1,309	889	1,200	1,108	1,916	997	1,014	1,068	1,080	1,047	983	965	889	852	835	-----
Price, basic furnace.....\$ per sh. ton..	183.11	196.00	191.00	191.00	191.00	191.00	191.00	191.00	203.00	203.00	203.00	203.00	203.00	203.00	203.00	203.00
Castings, gray and ductile iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons..	935	912	990	1,009	1,969	976	984	946	1,000	963	917	907	912	918	-----	-----
Shipments, total.....do.....	15,318	15,294	1,161	1,327	1,301	1,423	1,406	1,148	1,330	1,279	1,444	1,312	1,136	1,231	-----	-----
For sale.....do.....	7,496	7,840	596	646	663	737	734	587	711	673	729	663	561	596	-----	-----
Castings, malleable iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons..	65	66	60	63	64	66	63	62	64	64	65	62	66	66	-----	-----
Shipments, total.....do.....	829	816	65	75	70	74	74	56	68	68	75	71	61	74	-----	-----
For sale.....do.....	458	446	35	42	39	41	41	29	37	35	41	39	35	39	-----	-----
Steel, Raw and Semifinished																
Steel (raw):																
Production.....thous. sh. tons..	125,333	136,689	9,643	11,083	11,528	12,320	11,861	11,388	11,550	11,467	12,105	11,654	11,812	11,105	10,562	-----
Rate of capability utilization*.....percent..	78.4	86.6	80.1	83.1	88.5	91.5	91.1	85.1	86.3	88.6	89.8	89.4	87.7	83.5	87.9	-----
Steel castings:																
Orders, unfilled, for sale, end of period.....thous. sh. tons..	451	797	461	502	512	492	501	592	634	668	711	734	797	927	-----	-----
Shipments, total.....do.....	1,718	1,863	141	158	153	168	162	124	156	159	173	161	155	170	-----	-----
For sale, total.....do.....	1,488	1,627	124	138	133	145	140	108	134	139	153	141	136	152	-----	-----
Steel Mill Products																
Steel products, net shipments:																
Total (all grades).....thous. sh. tons..	91,147	80,187	7,539	8,718	8,055	8,610	8,787	7,608	8,293	8,252	8,599	7,813	8,196	8,206	7,996	-----
By product:																
Semifinished products.....do.....	3,991	3,922	344	425	434	491	467	393	457	491	463	423	461	411	410	-----
Structural shapes (heavy), steel piling.....do.....	4,382	4,383	354	421	413	460	444	393	426	419	422	424	424	400	391	-----
Plates.....do.....	7,529	6,588	596	738	714	767	772	694	697	683	701	690	746	662	648	-----
Rails and accessories.....do.....	1,863	1,677	132	157	146	155	141	111	123	140	156	145	154	155	155	-----
Bars and tool steel, total.....do.....	15,420	13,807	1,236	1,438	1,423	1,509	1,524	1,272	1,463	1,465	1,531	1,370	1,430	1,401	1,440	-----
Bars: Hot rolled (incl. light shapes).....do.....	9,362	7,428	754	854	827	884	904	661	845	877	916	796	856	805	858	-----
Reinforcing.....do.....	4,179	4,688	307	384	412	437	430	359	436	407	422	411	408	396	380	-----
Cold finished.....do.....	1,794	1,691	169	191	177	180	182	149	174	173	185	155	159	191	193	-----
Pipe and tubing.....do.....	7,490	6,547	708	804	737	779	737	643	698	683	699	652	619	641	601	-----
Wire and wire products.....do.....	2,400	2,457	198	235	231	228	235	175	211	204	219	199	184	199	195	-----
Tin mill products.....do.....	6,382	6,100	645	566	449	502	549	472	498	536	487	410	524	526	461	-----
Sheets and strip (incl. electrical), total.....do.....	41,687	40,706	3,326	3,933	3,509	3,719	3,918	3,455	3,720	3,630	3,921	3,499	3,653	3,812	3,695	-----
Sheets: Hot rolled.....do.....	14,558	14,114	1,190	1,406	1,207	1,297	1,349	1,176	1,316	1,288	1,391	1,292	1,384	1,315	1,322	-----
Cold rolled.....do.....	17,684	17,235	1,373	1,644	1,445	1,527	1,629	1,430	1,512	1,473	1,588	1,398	1,420	1,607	1,499	-----
By market (quarterly shipments):																
Service centers and distributors⊕.....do.....	15,346	17,377	-----	4,179	-----	-----	4,709	-----	-----	4,159	-----	-----	4,320	2,464	2,416	-----
Construction, incl. maintenance⊕.....do.....	7,553	9,582	-----	2,079	-----	-----	2,497	-----	-----	2,432	-----	-----	2,463	2,715	2,725	-----
Contractors' products.....do.....	4,500	3,789	-----	939	-----	-----	926	-----	-----	934	-----	-----	922	3,305	3,800	-----
Automotive.....do.....	21,490	21,254	-----	5,117	-----	-----	5,257	-----	-----	5,365	-----	-----	5,526	2,880	2,800	-----
Rail transportation.....do.....	3,238	3,555	-----	820	-----	-----	856	-----	-----	864	-----	-----	1,015	2,291	2,806	-----
Machinery, industrial equip., tools.....do.....	5,566	6,040	-----	1,477	-----	-----	1,577	-----	-----	1,497	-----	-----	1,486	2,486	2,485	-----
Containers, packaging, ship. materials.....do.....	6,714	6,601	-----	1,790	-----	-----	1,652	-----	-----	1,615	-----	-----	1,544	2,576	2,483	-----
Other⊕.....do.....	26,740	29,738	-----	7,179	-----	-----	7,977	-----	-----	7,287	-----	-----	7,330	2,491	2,431	-----
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:																
Producing mills, inventory, end of period.....mil. sh. tons..	34.1	37.2	33.1	32.6	32.5	33.7	33.6	34.9	35.1	35.0	34.9	35.6	37.2	36.4	-----	-----
Steel in process.....mil. sh. tons..	10.1	11.7	9.4	9.1	9.2	9.5	9.7	10.6	10.6	10.7	10.9	11.0	11.7	11.2	10.8	-----
Finished steel.....do.....	7.6	8.0	7.4	6.8	7.0	7.3	7.0	7.1	7.2	7.3	7.4	8.0	8.0	8.2	8.2	-----
Service centers (warehouses), inventory, end of period.....mil. sh. tons..	6.6	7.1	6.4	6.7	6.6	7.1	7.1	7.1	7.1	7.0	6.6	6.9	7.1	7.0	-----	-----
Consumers (manufacturers only):																
Inventory, end of period.....do.....	9.8	10.4	9.9	10.0	9.7	9.8	9.8	10.1	10.2	10.0	10.0	9.7	10.4	10.0	9.9	-----
Receipts during period.....do.....	63.5	67.5	5.2	5.9	5.7	6.2	6.1	5.0	5.8	5.4	6.1	5.3	5.7	5.4	5.4	-----
Consumption during period.....do.....	63.9	66.9	5.2	5.8	6.0	6.2	6.1	4.7	5.7	5.6	6.1	5.6	5.0	5.8	5.5	-----

* Revised. ² Preliminary. ¹ Annual data; monthly or quarterly revisions are not available. ² For month shown. ³ Avg. for 11 months; Feb. price not available.
 ⊕ New series. Source: American Iron and Steel Institute. The production rate of capability utilization is based on tonnage capability to produce raw steel for a full order book based on the current availability of raw materials, fuels and supplies, and of the industry's

coke, iron, steelmaking, rolling and finishing facilities. Data prior to 1975 are not available.
 ⊕ Beginning Jan. 1976, data are not comparable with those for earlier periods since oil & gas supply houses and pipelines, which were formerly shown in "Service centers and distributors" and "Construction, incl. maintenance," respectively, are now included in "Other."

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

METALS AND MANUFACTURES—Continued

NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores) thous. sh. tons	4,539	4,804	366	395	387	405	395	408	410	399	416	403	418	418	-----	
Recovery from scrap (aluminum content) do	1,591	1,407	104	117	114	114	118	107	125	122	127	132	117	120	-----	
Imports (general):																
Metal and alloys, crude do	673.3	756.9	64.0	74.4	58.2	89.9	83.5	66.9	50.7	51.3	86.9	43.1	35.0	60.6	41.0	
Plates, sheets, bars, etc. do	73.8	34.2	2.8	3.1	2.4	2.4	2.1	4.8	5.2	2.2	2.4	2.8	2.5	3.1	2.4	
Exports:																
Metal and alloys, crude do	97.8	126.6	5.7	6.1	4.2	7.0	9.3	8.5	11.0	15.9	17.7	23.1	14.3	32.4	15.4	
Plates, sheets, bars, etc. do	207.9	197.0	19.6	19.0	14.8	19.5	17.3	15.1	14.5	19.5	13.8	15.4	15.7	18.5	18.4	
Price, primary ingot, 99.5% minimum \$ per lb.	.5134	.5308	.5300	.5300	.5300	.5300	.5300	.5300	.5300	.5300	.5300	.5300	.5390	.5500	.5500	.5534
Aluminum products:																
Shipments:																
Ingot and mill prod. (net ship.) mil. lb.	13,199	14,011	1,026	1,267	1,081	1,228	1,258	1,107	1,197	1,175	1,344	1,184	1,212	1,340	-----	
Mill products, total do	10,420	11,336	889	986	933	988	995	878	1,008	936	1,008	935	928	974	-----	
Sheet and plate do	6,041	6,812	504	552	528	565	509	562	535	575	519	519	523	554	-----	
Castings do	2,009	1,986	171	184	164	172	171	126	165	165	184	174	154	192	-----	
Inventories, total (ingot, mill products, and scrap), end of period mil. lb.	5,685	5,438	5,802	5,732	5,751	5,697	5,666	5,705	5,588	5,612	5,577	5,550	5,496	5,424	-----	
Copper:																
Production:																
Mine, recoverable copper thous. tons (D)	1,504.0	1,490.3	122.5	133.5	129.3	133.7	128.0	97.8	125.1	123.2	130.4	127.6	113.9	106.4	-----	
Refinery, primary do	1,496.2	1,533.1	116.0	134.6	119.8	129.6	128.4	104.8	133.6	123.4	136.4	147.4	142.8	114.1	-----	
From domestic ores do	1,411.0	1,408.9	99.8	124.4	113.7	119.3	121.4	95.9	126.9	117.4	128.5	136.1	116.8	102.0	-----	
From foreign ores do	85.2	124.2	16.2	10.2	6.1	10.3	7.0	8.9	6.7	6.0	7.9	11.3	26.0	12.1	-----	
Secondary, recovered as refined do	376.0	453.0	31.0	41.0	41.0	41.0	44.0	30.0	36.0	37.0	41.0	39.0	43.0	-----		
Imports (general):																
Refined, unrefined, scrap (copper cont.) do	528.1	607.5	55.5	69.3	94.5	62.6	63.8	46.5	38.6	28.4	34.5	24.8	24.2	19.2	17.2	
Refined do	394.0	463.4	45.9	58.2	77.9	47.8	53.4	39.2	28.7	17.6	27.7	12.3	6.6	11.2	7.0	
Exports:																
Refined and scrap do	220.3	321.6	19.1	24.2	20.4	28.1	26.5	23.3	31.6	41.2	20.8	34.4	34.8	29.8	26.3	
Refined do	52.7	109.3	4.9	11.9	7.3	11.4	10.1	7.2	10.2	22.2	5.3	5.3	8.8	9.8	9.4	
Consumption, refined (by mills, etc.) do	2,202	2,417	-----	566	-----	-----	635	-----	-----	621	-----	-----	595	-----	-----	
Stocks, refined, end of period do	649	172	647	620	648	637	642	595	578	560	550	534	491	-----	-----	
Fabricators do	178	491	151	144	162	163	156	144	135	130	154	153	128	-----	-----	
Price, electrolytic (wirebars), dom., delivered \$ per lb.	.6677	.6651	.6359	.6241	.6462	.6477	.6657	.6408	.6723	.6763	.7050	.7119	.7190	.7657	.8970	.9672
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products mil. lb.	2,668	2,769	-----	654	-----	-----	741	-----	-----	666	-----	-----	708	-----	-----	
Copper wire mill products (copper cont.) do	2,667	2,775	-----	679	-----	-----	708	-----	-----	682	-----	-----	706	-----	-----	
Brass and bronze foundry products do	583	566	-----	142	-----	-----	148	-----	-----	137	-----	-----	139	-----	-----	
Lead:																
Production:																
Mine, recoverable lead thous. tons (D)	1,589.2	582.9	45.0	57.1	49.4	54.3	40.1	35.5	47.6	49.5	55.5	50.0	49.1	47.6	-----	
Recovered from scrap (lead cont.) do	734.4	753.1	56.4	63.7	57.8	64.3	62.1	54.1	62.6	68.5	71.2	70.1	67.6	-----	-----	
Imports (general), ore (lead cont.), metal do	204.3	83.9	3.4	13.2	7.7	5.5	4.8	11.0	11.0	4.5	7.4	5.2	4.9	4.0	5.4	
Consumption, total do	1,582.3	1,468.6	115.0	125.2	122.5	117.4	121.6	99.5	125.2	124.9	140.4	130.9	123.4	-----	-----	
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS thous. sh. tons	184.6	-----	176.4	184.4	189.8	198.6	198.5	199.2	-----	-----	-----	-----	-----	-----	-----	
Refiners' (primary), refined and antimonial (lead content) do	15.4	19.4	15.8	20.0	31.4	31.4	32.1	30.1	24.2	19.6	17.5	18.2	19.4	-----	-----	
Consumers' (lead content) do	109.3	110.8	111.7	119.4	111.9	119.7	115.9	113.8	109.6	115.6	113.4	110.5	110.8	-----	-----	
Scrap (lead-base, purchased), all smelters (gross weight) do	91.3	86.6	94.2	83.7	82.8	73.8	64.4	61.1	63.8	63.7	68.7	75.4	86.6	-----	-----	
Price, common grade, delivered \$ per lb.	.3070	.3365	.3300	.3300	.3300	.3100	.3100	.3100	.3217	.3406	.3661	.3800	.3800	.4076	.4363	.4575
Tin:																
Imports (for consumption):																
Ore (tin content) metric tons	6,724	3,873	273	664	439	635	40	62	355	273	52	193	718	115	1,477	
Metal, unwrought, unalloyed do	48,338	46,773	4,727	5,070	4,369	3,438	5,413	3,144	3,382	3,861	3,410	4,518	2,530	4,581	4,115	
Recovery from scrap, total (tin cont.) do	18,503	17,855	1,255	1,505	1,485	1,555	1,630	1,215	1,410	1,265	1,855	1,475	1,380	-----	-----	
As metal do	1,668	1,865	145	125	135	160	155	180	155	150	175	155	155	-----	-----	
Consumption, total do	68,000	63,100	5,000	5,500	5,200	5,700	5,400	4,600	5,200	5,200	5,300	5,400	4,900	-----	-----	
Primary do	55,500	47,000	3,700	4,100	3,900	4,200	4,000	3,500	3,700	3,700	4,000	4,000	3,700	-----	-----	
Exports, incl. reexports (metal) do	5,402	4,693	380	579	617	405	384	274	508	298	269	280	375	286	332	
Stocks, pig (industrial), end of period do	8,441	5,040	6,628	6,291	7,785	8,139	7,846	7,817	7,260	5,774	4,975	5,666	5,040	-----	-----	
Price, Straits quality (delivered) \$ per lb.	5.3460	6.2958	5.9336	5.5757	5.3962	5.7027	6.0092	6.0700	6.3925	6.7484	7.3918	7.4502	6.9562	6.8423	7.2008	7.4180
Zinc:																
Production:																
Mine prod., recoverable zinc thous. tons (D)	449.6	337.6	33.2	35.3	35.2	33.1	22.7	19.9	25.6	24.6	26.6	23.6	23.9	22.9	-----	
Imports (general):																
Ores (zinc content) do	122.8	207.2	10.9	13.7	17.9	13.0	19.0	6.0	25.6	9.2	25.3	29.2	33.6	30.8	14.9	
Metal (slab, blocks) do	576.7	681.1	43.4	35.1	65.1	78.8	56.1	49.9	47.4	49.2	54.0	53.4	83.8	43.7	42.1	
Consumption (recoverable zinc content):																
Ores do	100.8	99.0	7.8	8.4	8.8	9.9	8.6	8.8	8.1	7.4	6.8	9.1	8.4	7.5	-----	
Scrap, all types do	238.2	237.3	27.2	28.6	28.4	16.4	15.9	15.6	15.6	15.6	16.3	16.3	15.2	14.0	-----	
Slab zinc: \$																
Production (primary smelter), from domestic and foreign ores thous. tons (D)	450.1	444.8	30.0	27.0	30.1	32.0	31.3	31.7	34.5	33.5	41.3	39.0	39.1	36.8	-----	
Secondary (redistilled) production do	50.6	38.7	2.9	3.4	3.4	3.7	3.2	2.7	3.1	3.9	2.9	3.4	3.5	4.7	-----	
Consumption, fabricators do	1,103.1	1,127.3	84.0	96.0	93.0	99.0	99.9	84.3	100.0	96.4	105.3	95.6	87.9	88.4	-----	
Exports do	.2	.8	.1	.1	(2)	(2)	.1	(2)	.4	(2)	.1	.1	(2)	(2)	-----	
Stocks, end of period:																
Producers', at smelter (ABMS) do	65.8	38.4	62.8	56.9	50.0	40.9	32.5	31.8	27.4	30.1	26.9	32.9	38.4	36.2	34.5	34.0
Consumers' do	86.8	94.6	81.0	83.6	86.4	82.5	88.1	93.2	92.3	86.8	89.0	85.3	94.6	83.5	-----	
Price, Prime Western \$ per lb.	.3439	.3097	.3006	.2900	.2900	.2900	.2900	.2900	.3116	.3237	.3283	.3442	.3450	.3457	.3502	.3724

Revised. 1 Annual data; monthly revisions are not available. 2 Less than 50 tons. 3 See "ABMS" note for this page. 4 For month shown. 5 See "(D)" note, this page. 6 Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap. 7 All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment. 8 Revised Dec. 31 stocks for 1970-73 (thous. sh. tons); 124.2; 48.6; 30.1, 25.9. Producers' stocks elsewhere, end of Mar. 1979, 11,778 metric tons. 9 New series effective with data for Jan. 1976. Source: Metals Week. MW Composite monthly

price (Straits quality, delivered) is based on average of daily prices at two markets (Penang, Malaysia—settlement, and LME 3-month—High grade), and includes fixed charges plus dealer's and consumer's 70-day financing costs; no comparable earlier prices are available. † Effective with the Apr. 1977 SURVEY, data are expressed in metric tons (to convert U.S. long tons to metric tons, multiply by factor, 1.01605). ‡ Beginning with Jan. 1979 data, units are expressed in metric tons; earlier data are shown in short tons (to convert sh. tons to metric tons, multiply by factor 0.907185).

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
METALS AND MANUFACTURES—Continued															
MACHINERY AND EQUIPMENT															
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly. ^q ^o mil. \$.	240.8	286.8	67.3			75.0				65.5		78.9			
Electric processing heating equip..... do.	68.0	71.4	14.8			15.3				16.8		24.4			
Fuel-fired processing heating equip..... do.	92.5	118.2	28.8			36.5				23.3		29.6			
Material handling equipment (industrial):															
Orders (new), index, seas. adj. 1967=100..	232.3	336.1	246.2	298.6	334.0	362.1	351.0	318.2	433.5	308.0	353.0	346.2	392.5		
Industrial trucks (electric), shipments:															
Hand (motorized)..... number..	18,000	20,994	1,775	1,897	1,539	2,043	1,815	1,297	1,699	1,882	1,986	1,842	1,856	1,847	
Rider-type..... do.	21,409	25,119	1,912	2,441	2,173	2,241	2,128	1,609	2,190	2,214	2,275	2,191	2,131	2,472	
Industrial trucks and tractors (internal combustion engines), shipments..... number..	43,289	51,986	4,378	4,675	4,312	3,839	5,200	3,106	4,645	4,972	5,054	4,486	4,100	4,729	
Industrial supplies, machinery and equipment:															
New orders index, seas. adjusted.... 1967-69=100..	199.2	231.1	215.4	218.6	222.8	226.2	228.3	227.5	225.4	232.7	251.3	258.0	253.4	266.0	267.6
Industrial suppliers distribution:															
Sales index, seas. adjusted.... 1967=100..	207.4	236.5	208.7	224.0	233.6	233.9	242.2	238.6	243.3	253.7	250.6	253.3	247.2	255.5	256.4
Price index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.).... 1967=100..	191.4	205.3	199.8	200.6	201.5	202.3	203.7	205.6	206.9	207.8	210.1	212.5	213.8	215.7	217.0
Machine tools:															
Metal cutting type tools:															
Orders, new (net), total..... mil. \$.	2,202.05	3,375.45	234.40	258.90	302.20	267.40	316.95	249.30	274.65	253.00	334.05	352.90	301.15	420.45	360.75
Domestic..... do.	1,980.70	3,043.15	210.00	230.80	273.70	235.30	280.55	231.20	255.10	234.40	312.00	335.95	238.70	377.25	310.05
Shipments, total..... do.	1,650.80	2,188.50	151.60	206.00	178.70	189.45	216.05	137.75	161.70	193.60	195.05	188.85	218.50	177.30	202.40
Domestic..... do.	1,469.85	1,960.10	140.35	188.35	158.65	175.25	193.05	123.55	142.90	172.40	173.10	164.60	196.95	158.60	179.80
Order backlog, end of period..... do.	1,793.6	2,980.6	1,960.7	2,013.6	2,137.1	2,215.7	2,315.9	2,427.5	2,540.5	2,594.9	2,733.8	2,897.9	2,980.6	3,224.1	3,382.4
Metal forming type tools:															
Orders, new (net), total..... do.	794.85	986.55	76.95	65.40	76.70	87.45	75.80	72.25	100.15	81.70	79.95	88.15	80.25	97.60	86.60
Domestic..... do.	730.70	896.85	71.30	62.60	70.80	80.20	69.60	66.95	93.95	75.35	74.55	81.45	73.75	92.85	77.45
Shipments, total..... do.	629.95	824.95	50.00	66.35	64.25	66.25	76.90	70.65	53.70	65.15	71.75	85.55	91.40	67.25	72.00
Domestic..... do.	560.35	728.50	44.30	61.40	55.45	61.20	68.95	64.40	49.00	57.55	65.45	70.85	74.40	58.60	67.30
Order backlog, end of period..... do.	384.1	517.7	421.9	420.9	433.4	454.6	453.5	455.1	501.5	518.0	526.3	528.9	517.7	548.0	562.7
Tractors used in construction, shipments, qtrly:															
Tracklaying, total..... units.	19,968	22,058	5,820				5,926			4,752		5,560		1,611	
mil. \$.	1,136.3	1,376.9	350.1				361.0			304.3		361.5		110.0	
Wheel (contractors' off-highway)..... units.	5,271	5,137	1,537				1,546			1,464		1,464			
mil. \$.	330.1	330.1	105.7				119.1			105.7		105.7			
Tractor shovel loaders (integral units only), wheel and tracklaying types..... units.	42,763	49,809	11,825				13,076			12,031		13,103			
mil. \$.	1,331.8	1,712.6	394.7				464.9			400.9		453.5			
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly..... units.	206.4	173,106	45,912				47,931			37,911		41,352		16,778	
mil. \$.	2,752.5	2,662.7	693.5				706.6			552.8		709.8		260.7	
ELECTRICAL EQUIPMENT															
Batteries (auto.-type replacement), ship..... thous.	54,601	56,389	4,209	3,975	3,287	3,456	3,695	3,703	5,247	5,972	6,442	5,692	5,818	5,364	4,254
Radio sets, production, total market..... thous.	52,926	48,036	2,907	5,422	3,272	3,883	5,585	4,328	4,313	4,831	3,937	3,246	3,610	3,552	2,872
Television sets (incl. combination models), production, total market..... thous.	15,432	17,406	1,197	1,674	1,368	1,288	1,678	1,225	1,279	2,044	1,538	1,345	1,666	1,224	1,388
Household major appliances (electrical), factory shipments (domestic and export) ^q thous.	30,957	33,216	2,418	3,343	3,100	3,205	3,247	2,616	2,789	2,720	2,855	2,554	2,225	2,479	2,506
Air conditioners (room)..... do.	3,270	4,037	270	569	703	639	591	307	111	101	130	162	240	259	333
Dishwashers..... do.	3,356	3,556	266	345	307	330	320	211	301	288	342	342	276	300	260
Disposers (food waste)..... do.	2,941	3,313	273	291	280	277	280	255	278	287	335	293	231	271	256
Ranges..... do.	3,011	3,127	227	305	293	307	296	249	294	274	298	259	221	236	224
Refrigerators..... do.	5,707	5,890	388	569	480	536	604	548	586	528	518	431	346	375	382
Freezers..... do.	1,598	1,522	114	150	118	153	191	163	168	115	103	81	67	97	116
Washers..... do.	4,933	5,038	410	513	416	446	455	376	469	468	463	372	325	416	397
Dryers (incl. gas)..... do.	3,553	3,621	287	375	296	288	271	246	327	340	347	324	256	306	291
Vacuum cleaners (qtrly.)..... do.	9,392	9,136	1,747				3,084			2,162			2,143		
GAS EQUIPMENT (RESIDENTIAL)															
Furnaces, gravity and forced-air, shipments..... thous.	1,508		124	133	130	118	127	126	137	155					
Ranges, total, sales..... do.	1,746		140	157	154	161	168	124	146	168					
Water heaters (storage), automatic, sales..... do.	3,070		242	270	286	275	217	217	230	217					

PETROLEUM, COAL, AND PRODUCTS

COAL															
Anthracite:															
Production [†] thous. sh. tons.	6,175	6,445	430	610	575	650	595	570	680	575	535	575	425	455	360
Exports..... do.	625	866	33	52	19	62	31	43	66	116	142	100	179	79	35
Price, wholesale, chestnut, f.o.b. car at mine \$ per sh. ton.	46.579	47.135	46.579	46.579	46.579		47.192	47.192	47.498	47.542	47.537	47.530	47.675	47.677	47.677
Bituminous:															
Production [†] thous. sh. tons.	688,575	653,800	23,520	38,765	59,530	62,220	65,565	63,640	64,395	57,775	69,860	69,245	59,630	52,085	46,770

[†] Revised. [‡] Preliminary. ¹ Annual data; monthly or quarterly revisions not avail.
² Data cover 5 weeks; other periods, 4 weeks. ³ For month shown. ⁴ Beginning July 1977, data include shipments to mobile home and travel trailer manufacturers (formerly excluded); they are not directly comparable with those for earlier periods. ⁵ Average for Jan.-Apr. and June-Dec.

^q Includes data not shown separately.
[†] Monthly revisions back to 1973 are available upon request.
^o Effective 1976, data reflect additional reporting firms.
^c Corrected.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
PETROLEUM, COAL, AND PRODUCTS—Continued															
COAL—Continued															
Bituminous—Continued †															
Industrial consumption and retail deliveries, total ‡	thous. sh. tons.	46,014	43,810	45,504	48,753	51,827	55,428	57,215	53,921	52,270	52,186	56,634	60,048		
Electric power utilities	do.	35,737	33,923	34,545	37,125	40,593	44,035	45,952	42,556	39,770	39,659	43,579	47,016		
Mfg. and mining industries, total	do.	9,386	9,237	10,418	11,132	10,758	10,942	10,820	10,839	11,723	11,676	12,129	11,857		
Coke plants (oven and beehive)	do.	4,155	3,988	5,501	6,406	6,382	6,530	6,436	6,391	6,680	6,496	6,729	6,426		
Retail deliveries to other consumers	do.	7,020	7,914	891	650	540	495	475	450	442	525	776	850	925	1,175
Stocks, industrial and retail dealers' end of period, total	thous. sh. tons.	93,130	83,942	96,462	110,886	121,588	119,791	122,607	125,568	143,564	142,643	141,608	131,891		
Electric power utilities	do.	82,437	75,081	85,772	98,472	107,498	107,443	110,006	112,797	129,359	127,118	126,036	117,469		
Mfg. and mining industries, total	do.	10,574	8,747	10,555	12,239	13,780	12,058	12,246	12,407	13,848	15,145	15,212	14,057		
Oven-coke plants	do.	5,067	3,750	5,602	7,129	8,237	6,604	6,276	6,202	7,272	8,520	8,162	7,437		
Retail dealers	do.	220	360	119	114	135	175	310	290	355	364	357	380	360	365
Exports	do.	53,687	39,825	55,555	325	2,594	4,411	5,398	3,531	3,568	3,338	4,911	5,930	4,394	3,526
Price, wholesale †	Index, 1967=100	388.6	430.0	404.6	406.5	426.4	432.4	434.5	437.2	441.9	442.9	444.1	442.9	442.8	444.8
COKE															
Production:															
Beehive †	thous. sh. tons.	449	355	29	29	29	33	29	25	29	30	31	32	35	
Oven (byproduct) †	do.	53,060	48,238	2,741	2,661	3,753	4,398	4,362	4,455	4,379	4,346	4,512	4,383	4,645	4,387
Petroleum coke †	do.	26,949		2,014	2,321	2,137	2,286	2,220	2,252	2,388	2,188	2,244			
Stocks, end of period:															
Oven-coke plants, total †	do.	6,444	3,461	5,209	3,461	3,189	2,993	2,938	2,846	2,954	3,008	3,128	3,277	3,461	3,471
At furnace plants †	do.	6,308	3,323	5,059	3,373	3,107	2,910	2,848	2,731	2,827	2,896	3,029	3,178	3,323	3,317
At merchant plants	do.	136	139	150	87	81	83	90	114	127	112	99	100	139	154
Petroleum coke †	do.	2,050		2,146	2,270	2,321	2,380	2,376	2,489	2,397	2,287	2,191			
Exports	do.	1,241	889	81	42	56	103	74	53	46	125	68	103	78	30
PETROLEUM AND PRODUCTS															
Crude petroleum:															
Oil wells completed	number	18,886	17,758	1,486	1,499	1,369	1,200	1,812	1,503	1,516	1,619	1,406	1,294	1,861	1,372
Price, wholesale	Index, 1967=100	274.2	300.1	289.7	293.4	294.3	295.5	298.9	301.9	302.7	305.7	307.5	310.5	312.2	316.4
Gross input to crude oil distillation units	mil. bbl.	5,468.3		401.2	447.9	426.3	472.2	451.2	470.3	483.2	461.9	475.9			
Refinery operating ratio	% of capacity	90		84	85	83	89	88	88	91	80	89			
All oils, supply, demand, and stocks:															
New supply, total †	mil. bbl.	6,832.8		503.6	585.4	537.4	549.6	553.6	573.5	575.1	579.5	577.9			
Production:															
Crude petroleum †	do.	3,009.3		234.4	237.0	261.2	272.8	264.7	271.2	272.4	263.6	273.8			
Natural-gas plant liquids	do.	608.8		45.3	50.9	49.9	48.9	49.0	50.1	50.0	48.0	49.4			
Imports:															
Crude and unfinished oils †	do.	2,425.6		159.2	190.3	163.5	173.1	192.1	192.8	197.0	209.1	202.1			
Refined products †	do.	789.1		64.7	71.2	62.7	54.6	47.8	59.5	55.7	58.8	52.6			
Change in stocks, all oils (decrease, -) †	do.	200.1		-76.1	-23.5	6.5	3.4	7.6	37.1	-1.1	41.9	18.3			
Demand, total †	do.	6,816.1		590.3	616.8	541.5	571.8	560.1	556.8	589.4	552.3	582.2			
Exports:															
Crude petroleum	do.	18.3		2	1.9	2.8	3.8	5.9	4.3	5.4	7.5	8.4			
Refined products	do.	70.3		5.6	6.5	7.4	5.9	6.1	5.9	7.1	6.8	6.1			
Domestic product demand, total †	do.	6,727.5		584.5	608.4	531.4	562.1	548.1	546.5	576.9	538.0	570.7			
Gasoline	do.	2,633.5		193.6	226.2	217.3	241.0	238.8	236.3	245.6	223.5	232.6			
Kerosene †	do.	64.0		8.8	6.0	3.2	3.8	2.7	3.0	3.4	5.2	5.3			
Distillate fuel oil †	do.	1,223.3		135.3	126.8	92.8	94.4	85.1	77.9	86.2	79.6	95.1			
Residual fuel oil †	do.	1,120.9		111.0	109.6	89.7	82.7	78.5	86.2	91.1	81.4	81.6			
Jet fuel †	do.	379.3		31.0	34.5	30.4	30.8	31.6	31.4	35.0	32.3	33.2			
Lubricants †	do.	58.3		4.4	4.8	5.3	5.5	5.8	5.1	5.8	5.1	5.6			
Asphalt	do.	156.0		4.6	7.7	10.4	15.2	20.8	21.1	24.1	19.8	21.2			
Liquefied gases †	do.	518.9		50.4	44.2	34.7	36.2	33.6	34.7	33.7	40.1	45.7			
Stocks, end of period, total	do.	1,311.9		1,191.2	1,167.7	1,174.2	1,177.6	1,185.2	1,222.3	1,221.2	1,263.1	1,281.4			
Crude petroleum	do.	347.7		350.1	363.8	365.0	354.6	363.4	367.9	357.7	368.3	377.9			
Unfinished oils, natural gasoline, etc.	do.	121.7		121.6	123.4	123.0	124.0	121.0	121.5	119.1	115.0	122.0			
Refined products	do.	842.5		719.6	680.6	686.1	699.0	700.8	732.8	744.5	779.8	781.6			
Refined petroleum products:															
Gasoline (incl. aviation):															
Production †	do.	2,581.2		186.4	210.1	201.2	220.1	217.8	226.6	232.7	223.4	223.6			
Exports	do.	7		(1)	(1)	(1)	(1)	(1)	.1	(1)	.1	.1			
Stocks, end of period	do.	260.7		274.0	262.3	251.6	236.1	222.2	219.1	211.8	219.3	216.1			
Prices (excl. aviation):															
Wholesale, regular †	Index, 2/73=100	253.6	265.0	252.9	252.0	253.0	255.5	260.5	266.4	271.3	275.1	277.9	277.3	282.8	286.9
Retail (regular grade, excl. taxes), 55 cities (mid-month)	\$ per gal.	.507	.531	.511	.510	.512	.517	.524	.533	.542	.545	.547	.554	.564	.684
Aviation gasoline:															
Production	mil. bbl.	14.2		.7	.8	1.1	1.3	1.4	1.4	1.6	1.4	1.1			
Exports	do.	1		(4)											
Stocks, end of period	do.	3.0		2.9	2.4	2.4	2.4	2.5	2.6	2.5	2.6	2.4			
Kerosene:															
Production †	do.	62.6		5.3	5.9	4.0	4.2	3.9	3.8	4.1	3.8	4.7			
Stocks, end of period	do.	18.1		11.5	11.9	12.9	13.6	14.8	15.9	16.7	16.1	15.8			
Price, wholesale (light distillate) †	Index, 1967=100	358.5	392.6	388.2	388.4	387.9	390.7	391.4	393.1	394.4	395.8	397.1	398.6	402.5	407.0

† Revised. † Less than 50 thousand barrels. ‡ Reflects revisions not available by months. § Beginning Jan. 1979, price includes taxes formerly excluded. ¶ Effective Jan. 1978, data for exports of aviation gasoline are no longer reported separately. * Comparable export data for Jan. 1978 amounted to 870,000 sh. tons. † Includes data not shown

separately. § Includes nonmarketable catalyst coke. ¶ Includes small amounts of "other hydrocarbons and hydrogen refinery input," not shown separately. † Monthly revisions back to 1973 for bituminous coal, back to 1977 for coke, back to 1974 for petroleum and products and for 1977 for wholesale price indexes will be shown later. * Corrected.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978 [†]	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

PETROLEUM, COAL, AND PRODUCTS—Continued

PETROLEUM AND PRODUCTS—Continued																
Refined petroleum products—Continued																
Distillate fuel oil:																
Production†.....mil. bbl.	1,196.3		82.2	93.0	88.2	99.4	93.2	96.4	101.6	95.2	101.9					
Imports†.....do.	91.3		5.8	5.8	3.0	3.7	4.4	4.6	4.4	4.9	5.5					
Exports.....do.	.5		(?)	(?)	.2	(?)	(?)	.1	.1	.1	.1					
Stocks, end of period.....do.	250.3		165.9	137.9	136.3	145.1	157.5	180.5	200.4	220.8	233.1					
Price, wholesale (middle distillate) ‡ Index, 1967=100.....	384.1	398.1	398.6	394.8	393.3	393.3	393.3	393.2	393.6	394.0	399.9	408.5	417.8	425.5	432.3	452.1
Residual fuel oil:																
Production†.....mil. bbl.	640.1		50.4	54.5	46.6	51.0	47.5	49.4	50.7	49.4	48.8					
Imports†.....do.	496.1		43.8	52.7	46.9	37.9	30.4	40.2	39.2	39.4	34.7					
Exports.....do.	2.3		.3	.7	.2	.5	.1	.3	.8	.4	.2					
Stocks, end of period.....do.	90.0		64.9	62.2	66.2	72.4	71.9	75.3	73.7	81.2	83.4					
Price, wholesale ‡.....Index, 1967=100.....	522.5	496.9	502.7	491.6	494.6	505.9	509.3	494.5	480.8	481.5	484.0	500.9	502.2	517.9	520.5	541.9
Jet fuel:																
Production†.....mil. bbl.	355.0		27.8	30.1	29.5	31.4	28.8	28.8	30.1	29.7	29.1					
Stocks, end of period†.....do.	34.5		33.3	32.0	34.6	38.5	37.4	38.0	35.7	35.3	33.1					
Lubricants:																
Production.....do.	64.5		4.6	5.8	5.7	5.9	5.8	6.3	6.1	6.0	6.3					
Exports.....do.	9.6		.7	.8	1.1	.7	.8	.7	.9	1.0	.6					
Stocks, end of period.....do.	12.1		12.1	12.4	12.0	11.9	11.3	11.9	11.6	11.8	12.1					
Asphalt:																
Production.....do.	154.1		6.7	9.8	12.2	15.9	16.4	17.7	18.9	19.1	18.6					
Stocks, end of period.....do.	18.7		24.7	26.8	28.6	29.2	25.0	21.8	16.8	16.2	13.7					
Liquefied gases (incl. ethane and ethylene) †:																
Production, total.....do.	571.6		43.1	49.5	47.1	47.7	46.0	46.4	46.3	46.1	46.8					
At gas processing plants (L.P.G.).....do.	443.0	431.5	33.6	38.3	36.7	36.5	34.9	35.6	35.4	34.7	35.8	36.1	36.8			
At refineries (L.R.G.).....do.	128.6		9.5	11.2	10.5	11.2	11.0	10.8	10.9	11.4	10.9					
Stocks (at plants and refineries).....do.	136.3		111.5	112.6	121.5	129.4	138.5	147.3	155.1	156.7	152.4					

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																	
Pulpwood:																	
Receipts.....thous. cords (128 cu. ft.)	72,875	77,025	6,129	6,998	6,538	6,463	6,949	6,203	6,349	6,251	6,894	6,429	6,288	5,949			
Consumption.....do.	73,971	77,290	6,251	6,780	6,776	6,751	6,884	6,090	6,231	6,275	6,508	6,358	5,980	6,404			
Stocks, end of period.....do.	5,761	6,244	5,210	5,382	5,151	4,844	5,020	5,141	5,323	5,363	5,895	5,976	6,244	5,820			
Waste paper:																	
Consumption.....thous. sh. tons.	12,192	13,178	1,046	1,183	1,155	1,217	1,119	988	1,136	1,020	1,144	1,071	1,004	1,085			
Stocks, end of period.....do.	728	740	633	706	744	745	753	732	732	744	721	709	740	670			
WOODPULP																	
Production:																	
Total, all grades †.....thous. sh. tons.	149,033	147,075	3,642	4,149	4,101	4,100	4,109	3,672	3,848	3,878	4,051	3,954	3,628	3,861			
Dissolving and special alpha.....do.	1,401	1,415	135	142	113	136	130	114	117	84	118	105	90	98			
Sulfate.....do.	34,005	33,739	2,701	3,149	3,150	3,064	3,085	2,823	2,983	2,960	3,088	3,007	2,745	2,953			
Sulfite.....do.	2,000	1,758	168	166	165	173	178	129	116	127	120	131	114	104			
Groundwood.....do.	4,753	4,216	326	352	342	387	389	304	302	362	375	370	364	356			
Semichemical.....do.	3,569	3,948	312	340	330	341	325	301	329	345	351	341	316	349			
Stocks, end of period:																	
Total, all mills.....do.	1,356	1,760	1,062	1,090	1,074	1,069	898	1,014	1,048	993	999	788	760	699			
Pulp mills.....do.	684	624	618	613	613	611	426	516	545	473	486	300	254	263			
Paper and board mills.....do.	609	435	391	415	397	395	407	432	486	454	442	423	435	372			
Nonpaper mills.....do.	62	70	53	62	64	63	66	66	67	66	70	65	70	65			
Exports, all grades, total.....do.																	
Dissolving and special alpha.....do.	2,640	2,599	185	233	210	227	266	230	174	269	207	204	210	165	198		
All other.....do.	796	757	62	83	46	71	80	69	54	73	60	52	47	41	58		
Imports, all grades, total.....do.																	
Dissolving and special alpha.....do.	1,844	1,841	123	150	163	156	186	161	120	196	147	152	163	124	139		
All other.....do.	3,864	4,025	319	327	300	402	303	327	325	316	351	367	362	331	347		
Dissolving and special alpha.....do.	179	176	23	20	8	16	7	20	5	20	8	33	7	16	5		
All other.....do.	3,686	3,849	297	307	292	386	296	307	320	297	343	333	355	315	341		
PAPER AND PAPER PRODUCTS																	
Paper and board:																	
Production (Bu. of the Census):																	
All grades, total, unadjusted.....thous. sh. tons.	61,869	62,066	4,956	5,547	5,242	5,602	5,463	4,793	5,233	4,963	5,321	5,198	4,745	5,157			
Paper.....do.	27,491	27,729	2,297	2,553	2,379	2,533	2,444	2,075	2,201	2,134	2,332	2,287	2,144	2,290			
Paperboard.....do.	28,727	28,723	2,211	2,494	2,368	2,559	2,541	2,278	2,513	2,374	2,543	2,440	2,172	2,419			
Wet-machine board.....do.	128	109	8	10	10	10	11	6	10	9	9	9	9	9			
Construction paper and board.....do.	5,523	5,505	439	489	484	499	467	435	509	446	436	463	421	440			
Producer price indexes:																	
Book paper, A grade.....1967=100.....	176.4	179.4	172.1	174.5	177.3	178.0	178.6	179.5	179.4	185.1	185.5	186.3	186.8	188.5	190.2	192.3	
Paperboard.....do.	157.0	187.4	180.1	186.6	188.7	190.8	192.3	193.1	189.8	187.0	189.5	188.7	187.6	185.2	183.6	182.6	
Building paper and board.....do.																	

† Revised. ‡ Preliminary.
 1 Reported annual total; revisions not allocated to the months. 2 Less than 50 thousand barrels. 3 Beginning with January 1975, data for soda (formerly combined with semichemical) is now combined with sulphate; not comparable with data for earlier periods.
 4 Data exclude small amounts of pulp because reporting would disclose the operations of individual firms.
 † Monthly revisions back to 1974 for imports and back to 1977 for other refined petroleum products are available upon request. ‡ Includes data for items not shown separately.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

PULP, PAPER, AND PAPER PRODUCTS—Continued

PAPER AND PAPER PRODUCTS—Con.																
Selected types of paper (APD):																
Groundwood paper, uncoated:																
Orders, new.....thous. sh. tons..	1,312	1,274	98	118	111	124	132	72	84	124	100	88	104	131	101	
Orders, unfiled, end of period.....do.	134	133	149	155	133	130	144	138	143	173	160	140	133	154	159	
Shipments.....do.	1,307	1,245	101	116	111	124	106	83	81	95	110	110	105	110	98	
Coated paper:																
Orders, new.....do.	4,279	4,413	363	419	397	385	376	333	382	342	360	365	363	399	345	
Orders, unfiled, end of period.....do.	398	391	382	403	391	390	397	405	408	405	367	356	391	398	413	
Shipments.....do.	4,261	4,435	351	402	359	394	370	326	381	353	390	379	333	366	352	
Uncoated free sheet papers:																
Orders, new.....do.	6,878	7,462	602	702	658	709	666	572	636	592	598	574	568	662	584	
Shipments.....do.	7,170	7,546	591	691	644	661	648	575	659	597	648	630	602	654	605	
Unbleached kraft packaging and industrial converting papers:																
Orders, new.....thous. sh. tons..																
Orders, unfiled, end of period.....do.																
Shipments.....do.	3,815	3,894	307	347	345	348	320	301	293	301	319	305	292	336	319	
Tissue paper, production.....do.	4,286	4,219	340	373	364	388	369	317	338	327	360	344	329	360	350	
Newsprint:																
Canada:																
Production.....do.	8,988	9,713	767	826	834	843	807	838	823	759	855	782	768	828	750	
Shipments from mills.....do.	9,005	9,792	688	927	798	895	853	833	813	770	868	792	834	779	725	
Stocks at mills, end of period.....do.	282	203	452	350	386	333	287	293	303	292	279	269	203	252	276	
United States:																
Production.....do.	3,871	3,806	307	352	328	336	339	258	279	319	331	322	311	318	311	
Shipments from mills.....do.	3,866	3,818	309	360	323	340	342	255	284	316	337	323	312	318	309	
Stocks at mills, end of period.....do.	34	22	41	34	38	34	30	33	28	30	25	24	22	22	24	
Consumption by publishers ¹.....do.	6,772	7,106	521	600	620	631	586	560	558	566	624	657	636	555	547	
Stocks at and in transit to publishers, end of period.....thous. sh. tons..	796	728	784	818	818	835	876	898	868	829	840	761	728	705	713	
Imports.....do.	6,559	7,484	530	611	604	639	747	649	680	580	672	648	532	623	613	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered.....Index, 1967=100	215.4	226.2	216.7	216.7	228.2	228.2	228.2	228.2	230.5	230.5	230.5	230.5	230.5	230.5	238.9	241.7
Paperboard (American Paper Institute):																
Orders, new (weekly avg.).....thous. sh. tons..	558	600	592	610	622	634	622	560	598	584	605	566	546	618	621	657
Orders, unfiled.....do.	1,037	1,370	1,166	1,306	1,385	1,546	1,556	1,560	1,600	1,470	1,479	1,412	1,370	1,451	1,482	1,583
Production, total (weekly avg.).....do.	557	582	596	595	598	616	611	542	587	576	597	600	531	593	612	628
Paper products:																
Shipping containers, corrugated and solid fiber shipments.....mil. sq. ft. surf. area..	227,198	244,127	18,669	21,555	19,970	21,759	22,116	17,583	22,311	20,548	22,654	20,407	18,675	20,923	19,537	
Folding paper boxes, shipments.....thous. sh. tons..	2,639.0	2,734.0	211.2	240.7	216.2	236.3	230.1	200.3	244.7	232.4	247.4	231.0	238.3	217.2	208.7	
.....mil. \$.	2,105.0	2,308.1	173.1	195.9	178.2	195.0	193.1	197.4	207.6	195.5	210.7	193.3	202.3	186.6	180.6	

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. metric tons..	780.13		61.06	63.79	61.23	67.98	61.88	51.68	69.13	65.55	69.47	70.89				
Stocks, end of period.....do.	1,127.65		116.40	117.10	115.60	122.76	123.39	125.41	126.06	127.65	133.48	123.95				
Imports, incl. latex and guayule.....thous. lg. tons..	792.41	746.23	45.68	71.77	83.44	75.96	54.36	47.79	71.02	77.07	54.90	46.05	71.51	72.84	64.22	
Price, wholesale, smoked sheets (N.Y.)...\$ per lb..	.416	.496	.446	.455	.439	.450	.490	.494	.520	.544	.543	.581	.558	.544	.570	.615
Synthetic rubber:																
Production.....thous. metric tons..	2,417.53		192.71	210.31	214.92	211.17	194.36	195.95	205.67	207.37	212.33	212.10				
Consumption.....do.	2,464.09		191.00	200.61	195.68	211.42	194.19	169.96	212.29	211.28	219.86	211.85				
Stocks, end of period.....do.	426.83		427.88	434.49	446.93	411.41	433.09	456.46	445.08	437.67	425.32	419.91				
Exports (Bu. of Census).....thous. lg. tons..	239.98	254.96	18.86	22.55	19.48	24.90	22.28	19.35	20.04	20.77	22.22	23.81	23.77	23.62	22.29	
Reclaimed rubber:																
Production.....thous. metric tons..	478.47		9.62	9.61	10.05	9.85	9.88	9.53	10.79	5.00	10.40	10.15				
Consumption.....do.	103.12		9.12	9.39	10.11	10.28	10.26	8.75	9.60	10.01	11.28	9.58				
Stocks, end of period.....do.	16.26		14.73	14.52	13.45	13.70	13.56	13.67	15.14	15.51	14.84	15.25				
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production.....thous.	2,231,638		18,319	18,987	18,828	19,148	18,946	15,108	19,245	19,155	20,497	18,299	18,869			
Shipments, total.....do.	2,226,583		15,755	22,198	21,738	20,597	22,509	17,584	20,516	22,214	22,727	18,872	16,946			
Original equipment.....do.	265,998		4,840	6,386	6,161	6,300	6,121	4,077	4,680	5,933	6,408	5,911	5,065			
Replacement equipment.....do.	155,195		10,573	15,373	15,224	13,888	16,008	13,265	15,464	15,888	15,871	12,597	11,486			
Exports.....do.	25,390		341	439	352	409	440	242	372	392	447	365	396			
Stocks, end of period.....do.	247,181		54,621	51,986	50,006	49,276	46,293	44,280	44,057	41,796	40,135	40,394	43,472			
Exports (Bu. of Census).....do.	6,023	5,328	389	474	406	458	483	314	462	414	520	483	541	560	437	
Inner tubes, automotive:																
Production.....do.	(3)															
Shipments.....do.	(3)															
Stocks, end of period.....do.	(3)															
Exports (Bu. of Census).....do.	2,298	3,015	323	240	198	268	188	143	223	223	342	274	343	312	218	

¹ Revised. ² Beginning Jan. 1977, producers' stocks are included; comparable data for earlier periods will be shown later. ³ Beginning Jan. 1977, data cover passenger car and truck and bus tires; motorcycle tires and tires for mobile homes are excluded. ⁴ Beginning Jan. 1977, data no longer available. ⁵ Reported total; revisions not distributed to the months.

⁶ As reported by publishers accounting for about 75 percent of total newsprint consumption. ⁷ Monthly data are averages for the 4-week period ending on Saturday nearest the end of the month; annual data are as of Dec. 31. ⁸ Corrected.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978												1979		
	Annual		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.	1418,862	1451,739	18,516	31,452	37,239	44,904	49,782	43,755	50,340	44,617	48,468	37,851	28,952	16,628	18,713	
CLAY CONSTRUCTION PRODUCTS																
Shipments: [†]																
Brick, unglazed (common and face)																
mil. standard brick.....	8,300.5	9,053.1	476.9	713.6	788.8	893.6	914.6	807.1	911.6	784.9	875.4	769.2	656.4	501.8		
Structural tile, except facing.....thous. sh. tons.	45.0	76.2	7.7	7.4	10.5	6.6	6.3	5.4	5.1	6.9	5.7	6.0	4.9	3.6		
Sewer pipe and fittings, vitrified.....do.	1,106.8	941.9	38.6	70.9	82.1	95.6	101.0	94.8	106.4	91.3	94.5	72.5	50.4	38.5		
Facing tile (hollow), glazed and unglazed																
mil. brick equivalent.....	61.8	58.3	3.1	4.6	4.9	5.8	5.7	4.9	5.6	5.4	5.6	4.6	5.0	3.3		
Floor and wall tile and accessories, glazed and unglazed.....mil. sq. ft.	266.2	297.6	21.5	27.9	25.0	27.1	26.2	21.0	27.0	24.3	27.6	25.7	23.7	25.2		
Price index, brick (common), f.o.b. plant or N.Y. dock @.....1967=100	204.0	234.4	224.4	228.0	230.1	230.6	230.7	231.9	234.1	243.2	24.3	244.6	247.9	253.2	255.3	257.3
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments.....thous. \$.	739,919	820,216		202,552			210,640			202,475			204,549			
Sheet (window) glass, shipments.....do.	(9)															
Plate and other flat glass, shipments.....do.	(9)															
Glass containers:																
Production.....thous. gross.	303,452	326,634	25,375	28,884	28,767	29,150	28,759	26,930	29,428	26,175	30,031	25,710	21,443	25,987		
Shipments, domestic, total.....do.	304,785	315,639	22,020	27,383	26,528	33,988	27,233	24,514	29,484	27,674	27,359	25,547	22,823	24,616		
Narrow-neck containers:																
Food.....do.	25,069	26,637	1,914	2,317	2,234	2,705	2,184	1,758	2,432	3,357	2,242	1,967	1,651	1,978		
Beverage.....do.	67,466	60,528	4,014	5,438	5,202	6,940	6,010	5,317	5,683	4,914	4,761	4,473	4,071	3,712		
Beer.....do.	92,757	106,489	6,889	8,679	8,948	10,569	9,755	9,501	10,519	9,304	9,253	8,512	8,311	8,710		
Liquor and wine.....do.	24,352	25,084	1,852	2,321	2,132	2,770	1,897	1,573	2,134	2,060	2,390	2,214	1,900	2,058		
Wide-mouth containers:																
Food (incl. packer's tumblers, jelly glasses, and fruit jars).....thous. gross.	61,330	65,062	4,807	5,806	5,226	7,194	4,717	4,187	6,018	5,567	5,967	5,640	4,996	5,568		
Narrow-neck and Wide-mouth containers:																
Medicinal and toilet.....do.	30,091	27,998	2,265	2,515	2,474	3,349	2,375	1,906	2,371	2,147	2,415	2,440	1,667	2,277		
Chemical, household and industrial.....do.	3,720	3,841	279	307	312	461	295	272	327	325	331	301	227	313		
Stocks, end of period.....do.	36,912	44,250	42,408	43,764	45,739	41,461	43,398	45,902	43,947	43,233	46,515	46,371	44,250	45,197		
GYPSUM AND PRODUCTS																
Production:																
Crude gypsum (exc. byproduct).....thous. sh. tons.	13,410	14,402	1,027	1,222	1,333	1,277	1,208	1,195	1,302	1,251	1,212	1,136	1,129			
Calcined.....do.	12,090	13,494	956	1,071	1,195	1,237	1,121	1,164	1,184	1,129	1,206	1,091	1,087			
Imports, crude gypsum.....do.	7,074	7,954	417	493	529	767	684	825	788	811	700	658	688			
Sales of gypsum products:																
Uncalcined.....do.	5,759	5,434	302	370	423	458	565	505	568	552	494	462	441			
Calcined:																
Industrial plasters.....do.	326	396	27	35	37	36	38	28	33	33	38	37	29			
Building plasters:																
Regular basecoat.....do.	136	140	9	11	11	10	14	9	10	9	11	9	31			
All other (incl. Keene's cement).....do.	312	306	21	25	26	27	29	25	29	26	31	25	23			
Board products, total.....mil. sq. ft.	15,369	16,412	1,194	1,399	1,364	1,399	1,388	1,351	1,502	1,326	1,479	1,317	1,440			
Lath.....do.	165	137	14	15	12	13	11	12	13	11	11	8	8			
Veneer base.....do.	418	458	32	40	36	42	40	40	43	36	43	35	36			
Gypsum sheathing.....do.	289	234	16	22	22	22	21	21	21	17	17	17	15			
Regular gypsum board.....do.	11,840	12,566	921	1,071	1,049	1,070	1,058	1,037	1,147	1,014	1,136	1,001	1,097			
Type X gypsum board.....do.	2,425	2,786	196	232	227	232	236	221	257	228	250	237	265			
Predecorated wallboard.....do.	232	231	16	20	18	20	20	20	21	20	22	18	18			

TEXTILE PRODUCTS

FABRIC (GRAY)																
Knit fabric production off knitting machines (own use, for sale, on commission), qtrly*.....mil. lb.	1,688.6	1,644.5		412.1			439.7			403.5			389.2			
Knitting machines active last working day.....thous.	734.3	32.6		34.5			34.3			33.9			32.6			
Woven fabric (gray goods), weaving mills:																
Production, total.....mil. linear yd.	10,237	10,147	814	2,983	784	786	2,970	621	774	2,964	863	2,101.5	752	2,101.9		
Cotton.....do.	4,237	3,962	323	2,382	303	305	2,368	234	298	2,375	349	2,392	292	2,380		
Manmade fiber.....do.	5,915	6,070	481	2,588	471	471	2,589	380	468	2,579	505	2,613	452	2,628		
Stocks, total, end of period.....do.	986	829	927	915	866	860	884	871	871	851	858	876	835	863		
Cotton.....do.	340	244	311	306	307	307	298	294	300	294	295	297	244	255		
Manmade fiber.....do.	640	579	609	602	553	547	579	570	565	551	558	574	585	602		
Orders, unfilled, total, end of period.....do.	2,004	3,011	2,050	2,148	2,388	2,522	2,580	2,811	2,772	2,752	2,923	2,908	3,029	2,931		
Cotton.....do.	858	1,230	755	806	803	797	821	1,082	1,008	1,043	1,166	1,127	1,230	1,259		
Manmade fiber.....do.	1,146	1,781	1,295	1,342	1,585	1,724	1,759	1,728	1,765	1,709	1,758	1,781	1,799	1,673		
COTTON																
Cotton (excluding linters):																
Production:																
Ginnings.....thous. running bales	14,018	10,549		14,018			144	672	1,492	4,667	6,678	9,321				
Crop estimate.....thous. net weight bales	14,389	10,841		14,389									10,841			
Consumption.....thous. running bales	6,393	6,079	501	2,620	484	483	2,575	383	459	2,569	482	2,595	435	2,600		
Stocks in the United States, total, end of period.....thous. running bales	12,890	11,229	10,836	9,525	8,395	7,391	6,285	5,326	15,130	13,976	12,932	12,127	11,229	10,066	9,042	
Domestic cotton, total.....do.	12,883	11,226	10,828	9,518	8,388	7,385	6,281	5,321	15,126	13,971	12,929	12,124	11,226	10,062	9,039	
On farms and in transit.....do.	1,665	2,316	1,162	1,110	976	977	765	700	1,606	950	6,603	4,893	2,316	1,326	1,121	
Public storage and compresses.....do.	10,268	7,860	8,714	7,398	6,375	5,312	4,411	3,803	3,457	3,431	5,312	6,230	7,860	7,847	6,847	
Consuming establishments.....do.	950	1,050	952	1,010	1,037	1,096	1,105	1,118	1,063	1,030	1,014	1,001	1,050	1,049	1,071	

* Revised. † Preliminary. ‡ Annual total; revisions not allocated to the months. § Data cover 5 weeks; other months, 4 weeks. ¶ Crop for the year 1977. †† Crop for the year 1978. ††† Beginning 1st Qtr 1977, data no longer available. †††† Dec. 1 estimate of 1978 crop. ††††† Beginning 1st Qtr 1977, data exclude garment lengths, trimming, and collars; not comparable with earlier data. †††††† Bales of 480 lbs. ††††††† Includes data for "dairy products." †††††††† New series. Source: BuCensus. Data cover warp and weft knit yard goods and knit garment lengths, trimmings, and collars; no quarterly data prior to 1974 available. ††††††††† Monthly revisions back to 1975 for shipments of clay construction products and for Jan.-Mar. 1975 for glass containers will be shown later. †††††††††† Includes data not shown separately. ††††††††††† Stocks (owned by weaving mills and billed and held for others) exclude bedsheets, toweling, and blanketing, and billed and held stocks of denims. †††††††††††† Unfilled orders cover wool apparel (including polyester-wool) finished fabrics; production and stocks exclude figures for such finished fabrics. Orders also exclude bedsheets, toweling, and blanketing. ††††††††††††† Cumulative ginnings to end of month indicated. †††††††††††††† Monthly revisions for 1977 will be shown later.

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

TEXTILE PRODUCTS—Continued

COTTON AND MANUFACTURES—Con.																
Cotton (excluding linters)—Continued																
Exports, thous. running bales.....	4,448	5,875	502	704	640	510	528	456	524	388	283	355	464	517	577	
Imports, thous. net-weight (bales).....	25	3	(10)	(10)	0	(10)	1	(10)	0	(10)	(10)	0	0	(10)	8	
Price (farm), American upland ¹ , cents per lb.	52.1	60.2	50.3	51.3	51.7	53.7	54.8	56.5	56.6	55.9	59.6	61.1	58.1	56.0	54.2	52.7
Price, Strict Low Middling, Grade 41, staple 34 (1 1/4"), average 10 markets, cents per lb.	52.7		52.9	55.0	54.7	57.6	57.4	57.0	59.8	60.0	64.1	65.6	64.4	61.5	60.6	
Spindle activity (cotton system spindles):																
Active spindles, last working day, total, mil.	16.6	16.4	16.5	16.5	16.6	16.4	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.5		
Consuming 100 percent cotton, do.	6.7	6.4	6.6	6.5	6.6	6.4	6.3	6.4	6.3	6.3	6.3	6.3	6.4	6.3	6.3	
Spindle hours operated, all fibers, total, bil.	103.6	102.4	8.3	10.1	8.2	10.1	8.2	10.0	6.5	7.9	9.6	10.0	7.3	10.1		
Average per working day, do.	.398	.394	.416	.403	.413	.408	.402	.327	.395	.385	.406	.399	.367	.404		
Consuming 100 percent cotton, do.	43.4	41.5	3.4	4.0	3.4	3.3	4.1	2.7	3.2	3.9	3.3	4.0	2.9	4.2	3.1	
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.), mil. lin. yd.	4,356	3,986		1,046			1,010			913			1,017			
Orders, unfilled, end of period, as compared with avg. weekly production, No. weeks' prod.	11.7	16.1	12.3	14.4	14.0	13.7	13.9	22.7	17.7	17.2	16.6	17.0	21.1	19.4		
Inventories, end of period, as compared with avg. weekly production, No. weeks' prod.	4.7	4.9	4.5	4.8	4.9	4.8	4.8	5.9	5.2	4.7	5.7	4.3	4.6	4.1		
Ratio of stocks to unfilled orders (at cotton mills), end of period	3.40	3.30	.37	.33	.35	.35	.35	.26	.29	.28	.25	.25	.22	2.1		
Exports, raw cotton equiv. thous. net-weight (bales)	460.1	457.9	35.2	37.1	35.2	34.5	33.0	31.4	35.9	37.9	44.8	50.1	50.4	45.6	45.4	
Imports, raw cotton equivalent, do.	525.2	676.2	44.8	56.7	68.7	53.9	60.6	60.8	51.3	52.1	62.2	51.1	44.1	54.0	48.8	
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly:																
Filament yarn (acetate), mil. lb.	282.0	300.9		71.5			76.3			76.9			76.2			
Staple, incl. tow (rayon), do.	527.0	534.6		129.3			131.7			133.8			139.8			
Noncellulosic, except textile glass:																
Yarn and monofilaments, do.	3,659.9	3,814.3		909.9			951.5			955.5			997.4			
Staple, incl. tow, do.	3,653.8	3,952.8		1,002.1			996.8			952.1			1,001.8			
Textile glass fiber, do.	786.7	928.3		225.2			229.1			233.7			240.3			
Fiber stocks, producers', end of period:																
Filament yarn (acetate), do.	16.7	15.4		13.1			11.7			12.6			15.4			
Staple, incl. tow (rayon), do.	49.8	28.7		48.8			46.1			37.4			28.7			
Noncellulosic fiber, except textile glass:																
Yarn and monofilaments, do.	4,353.0	343.4		353.6			336.5			334.3			343.4			
Staple, incl. tow, do.	299.7	335.6		306.3			347.6			328.1			335.6			
Textile glass fiber, do.	67.9	97.6		84.5			89.4			89.3			97.6			
Manmade fiber and silk broadwoven fabrics:																
Production (qtrly.), total, mil. lin. yd.	6,223.6	6,602.9		1,648.5			1,691.4			1,528.5			1,734.5			
Filament yarn (100%) fabrics, do.	2,014.1	2,247.4		555.3			566.8			511.3			614.0			
Chiefly rayon and/or acetate fabrics, do.	371.5	406.4		98.6			104.6			99.9			103.4			
Chiefly nylon fabrics, do.	356.9	384.4		78.4			100.6			97.6			107.8			
Spun yarn (100%) fab., exc. blanketing, do.	3,583.2	3,703.1		931.8			946.2			863.1			962.0			
Rayon and/or acetate fabrics, blends, do.	286.2	331.2		84.7			83.3			79.1			84.1			
Polyester blends with cotton, do.	2,677.1	2,593.1		660.8			662.3			596.3			673.7			
Filament and spun yarn fabrics, do.	359.5	376.2		97.5			97.3			89.2			92.2			
Manmade fiber gray goods, owned by weaving mills:																
Ratio, stocks to unfilled orders, end of period	3.42		.31	.30	.34	.22	.21	.21	.20	.19	.17	.17				
Prices, manufacturer to mfr., f.o.b. mill: [*]																
50/50 polyester/carded cotton printcloth, gray, 48", 3.90 yds./lb., 78x54-56, \$ per yd.	.405	.492	.456	.475	.495	.515	.493	.496	.496	.516	.514	.496	.495	.491	.470	.469
65% poly./35% comb. cot. broadcl., 3.0 oz/sp yd., 45", 128x72, gray-basis, wh. perm. presfin., \$ per yd.	.901	1.765	.725	.729	.751	.763	.780	.778	.776	.794	.824					
Manmade fiber knit fabric prices, f.o.b. mill: [*]																
65% acetate/35% nylon tricot, gray, 32 gauge, 54", 3.2 oz./linear yd., \$ per yd.	.501	7.458	.443	.451	.456	.467	.472									
100% textured polyester DK jacquard, 11 oz./linear yd., 60", yarn dyed, finished, \$ per yd.	1.708	1.657	1.665	1.658	1.658	1.651	1.655									
Manmade fiber manufactures:																
Exports, manmade fiber equivalent, mil. lbs.	367.08	441.70	29.24	36.83	35.57	39.06	36.63	32.06	35.38	38.12	43.68	44.41	42.88	42.86	43.91	
Yarn, tops, thread, cloth, do.	206.34	267.28	17.24	22.86	21.50	23.30	20.85	18.62	20.99	23.29	27.52	27.15	26.82	27.30	27.70	
Cloth, woven, do.	131.35	165.71	10.65	13.07	12.77	13.24	13.82	11.11	12.48	15.12	16.95	17.93	17.72	17.69	16.39	
Manufactured prods., apparel, furnishings, do.	160.74	174.42	12.01	13.96	14.07	15.77	15.79	13.43	14.39	14.82	16.16	17.26	16.06	15.56	16.20	
Imports, manmade fiber equivalent, do.	531.13	642.59	46.68	46.34	53.87	59.74	67.70	70.41	64.90	58.31	50.47	41.08	37.54	47.07	36.31	
Yarn, tops, thread, cloth, do.	110.11	147.55	11.95	13.29	16.11	13.74	12.36	14.13	12.29	11.79	10.24	8.68	8.06	10.02	7.23	
Cloth, woven, do.	67.70	87.76	5.90	7.27	7.85	8.05	7.94	8.61	8.51	7.85	6.86	6.00	4.93	6.88	4.58	
Manufactured prods., apparel, furnishings, do.	421.02	495.04	34.73	33.05	37.76	46.01	55.34	56.28	52.61	46.52	40.23	32.40	29.49	37.05	29.08	
Apparel, total, do.	365.24	425.18	29.50	27.48	31.08	40.00	48.88	49.66	47.10	40.24	34.38	27.49	24.58	31.64	24.71	
Knit apparel, do.	218.68	212.40	17.10	15.78	18.46	25.09	30.40	29.34	26.89	22.92	18.53	13.53	12.02	15.64	11.72	
WOOL AND MANUFACTURES																
Wool consumption, mill (clean basis):																
Apparel class, mil. lb.	95.5	103.3	8.2	10.5	8.8	9.2	10.3	7.0	8.4	9.4	8.1	8.1	7.5	11.4		
Carpet class, do.	12.5	13.0	.8	1.2	1.1	1.0	1.5	.8	1.0	1.4	1.2	1.2	.8	1.4		
Wool imports, clean yield, do.	53.0	50.4	3.2	4.1	4.9	4.0	3.8	4.7	5.4	3.4	4.0	4.8	4.0	4.5	3.4	
Duty-free (carpet class), do.	18.8	23.4	1.9	1.4	2.2	1.5	2.0	2.3	2.5	1.9	1.8	1.5	2.0	1.9	1.3	
Wool prices, raw, shorn, clean basis, delivered to U.S. mills: ^o																
Domestic—Graded territory, 64's, staple 2 3/4" and up, \$ per lb.	1.83	1.90	1.78	1.78	1.81	1.84	1.92	1.92	1.92	1.95	1.97	2.02	2.02	2.02	2.02	2.06
Australian, 64's, Type 62, duty-paid, do.	2.27	2.34	2.30	2.31	2.32	2.33	2.36	2.36	2.36	2.36	2.36	2.37	2.37	2.37	2.49	2.65
Wool broadwoven goods, exc. felts:																
Production (qtrly.), mil. lin. yd.	101.6	116.4		28.2			31.2			27.3			29.8			
FLOOR COVERINGS																
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly, mil. sq. yds.	1,024.6	1,075.9		242.6			281.3			269.8			282.2			
APPAREL																
Women's, misses', juniors' apparel cuttings: ^{* ⊕}																
Coats, thous. units.	18,083	18,727	1,006	1,199	1,439	1,787	2,011	1,565	2,242	2,126	1,857	1,434	1,001	1,260		
Dresses, do.	183,702	136,078	14,339	17,113	16,653	16,161	15,675	12,430	15,064	15,493	14,730	14,883	12,501	11,822		
Suits (incl. pant suits, jumpsuits), do.	36,004	27,856	2,771	3,006	2,502	2,338	2,164	1,881	2,418	2,175	1,953	2,247	1,877	2,281		
Blouses, thous. dozen	23,507	27,893	2,238	2,610	2,135	2,353	2,335	1,862	2,662	2,452	2,807	2,433	1,883	2,521		
Skirts, do.	5,260	6,414	511	615	515	612	551	475	580	532	561	604	433	528		

¹ Revised. ² Preliminary. ³ Season average. ⁴ For 5 weeks, other months, 4 weeks. ⁵ Monthly average. ⁶ Effective Sept. 1976 SURVEY, data omit production and stocks of saran and spandex yarn. ⁷ Effective 1976, production of blanketing is included in 100% spun yarn fabric (prior to 1976, in "all other group," not shown separately). ⁸ Avg. for Jan.-Oct. ⁹ Avg. for Feb.-Jun. ¹⁰ Avg. for Jan.-Jun. ¹¹ Effective Jan. 1, 1978, includes reexports formerly excluded. ¹² Less than

Unless otherwise stated in footnotes below, data through 1974 and descriptive notes are as shown in the 1975 edition of BUSINESS STATISTICS	1977	1978	1978										1979		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

TEXTILE PRODUCTS—Continued

APPAREL—Con.																
Men's apparel cuttings:																
Suits†.....thous. units.....	17,311	23,050	1,359	1,612	1,488	1,543	1,550	908	1,437	1,403	1,621	1,516	1,278			
Coats (separate), dress and sport†.....do.....	15,627	16,029	1,099	1,577	1,365	1,575	1,478	900	1,501	1,698	1,345	1,283	1,028			
Trousers (separate), dress and sport†.....do.....	124,674	112,750	9,385	10,408	9,156	9,282	8,807	5,658					9,504			
Slacks (jean cut), casual†.....thous. doz.....	14,627	13,500	1,208	1,219	1,166	1,123	1,197	739					1,050			
Shirts, dress, sport, inc. knit outerwear†.....do.....	43,445	42,807	3,086	3,737	3,502	3,634	3,853	2,684	3,777	4,018	4,314	3,743	3,360			
Hosiery, shipments.....thous. doz. pairs.....	248,144	267,683	19,418	21,859	21,183	22,541	24,987	22,044	24,569	23,664	24,589	24,062	20,383	20,584	22,075	

TRANSPORTATION EQUIPMENT

AEROSPACE VEHICLES																
Orders, new (net), qtrly, total.....mil. \$.....	38,922			10,807										10,978		
U.S. Government.....do.....	22,682			5,567										5,503		
Prime contract.....do.....	35,478			10,084										9,879		
Sales (net), receipts, or billings, qtrly, total.....do.....	33,315			8,511										9,366		
U.S. Government.....do.....	20,704			5,093										5,431		
Backlog of orders, end of period.....do.....	45,309			46,796										51,518		
U.S. Government.....do.....	26,119			25,843										28,609		
Aircraft (complete) and parts.....do.....	19,709			20,330										24,001		
Engines (aircraft) and parts.....do.....	5,354			5,192										5,214		
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$.....	6,743			6,163										7,268		
Other related operations (conversions, modifications), products, services.....mil. \$.....	6,208			6,936										7,246		
Aircraft (complete):																
Shipments.....do.....	4,700.9	6451.8	363.0	478.5	436.2	434.8	662.2	469.1	564.1	679.1	573.6	752.0	744.7	692.7		
Airframe weight.....thous. lb.....	47,647	60,170	3,604	4,287	3,902	5,113	6,293	4,959	5,844	6,071	5,490	5,652	6,331	5,628		
Exports, commercial.....mil. \$.....	2,605	3,589	203	172	210	165	275	248	379	356	423	504	550	424	484	
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants), total.....thous.....	9,199	9,165	675	909	869	919	886	589	528	738	804	842	660	786	699	2 888
Domestic.....do.....	8,511	8,494	623	842	806	850	821	553	492	676	784	842	604	675	644	
Retail sales, total, not seasonally adj.....do.....	11,185	11,311	777	1,078	1,043	1,159	1,137	930	958	828	1,034	909	769	784	840	1 116
DomesticsΔ.....do.....	9,109	9,312	628	883	863	963	950	762	753	662	884	770	646	645	676	865
ImportsΔ.....do.....	2,075	2,000	149	195	180	196	187	168	205	166	150	139	123	138	164	251
Total, seas. adjusted at annual rate†.....mil. \$.....			10.5	11.8	12.3	12.1	11.8	11.0	11.9	10.8	11.1	11.0	11.2	11.0	11.4	12.6
DomesticsΔ†.....do.....			8.5	9.8	10.2	10.0	9.7	9.1	9.9	8.9	9.2	9.0	9.4	9.0	9.1	9.8
ImportsΔ†.....do.....			2.0	2.1	2.1	2.1	2.0	1.9	2.0	1.9	1.9	2.0	1.8	2.0	2.2	2.7
Retail inventories, end of mo., domestics:Δ																
Not seasonally adjusted.....thous.....	1,731	1,729	1,952	1,991	2,008	1,970	1,911	1,729	1,510	1,606	1,629	1,728	1,729	1,885	1,957	1,974
Seasonally adjusted†.....do.....	1,784	1,780	1,848	1,866	1,877	1,818	1,721	1,694	1,655	1,678	1,737	1,777	1,780	1,819	1,851	1,846
Inventory-retail sales ratio, domesticsΔ†.....	2.3	2.3	2.6	2.3	2.2	2.1	2.2	2.0	2.3	2.3	2.4	2.3	2.3	2.4	2.4	2.3
Exports (BuCensus), assembled cars.....thous.....	697.20	695.12	53.72	62.84	70.48	69.32	70.63	45.83	36.11	61.60	66.74	58.73	52.03	49.77	64.49	
To Canada.....do.....	591.51	540.90	41.81	49.56	57.21	57.92	58.20	33.75	25.95	46.61	50.06	43.19	38.36	27.62	42.92	
Imports (BuCensus), complete units.....do.....	2,791.3	2,881.8	253.6	299.1	310.1	266.5	281.4	236.8	198.3	212.3	232.8	230.5	244.3	209.2	211.8	
From Canada, total.....do.....	849.2	832.7	61.1	78.9	78.1	73.5	86.8	47.6	41.1	78.3	77.2	80.2	74.3	71.8		
Registrations○, total new vehicles.....do.....	10,826	10,946	3 767	3 870	4 916	4 987	3 1053	4 1062	3 1061	4 887	4 866	4 826	4 949	4 753		
Imports, incl. domestically sponsored.....do.....	1,977	1,946	3 152	3 163	4 162	4 162	3 166	4 183	3 198	4 185	4 149	4 158	4 158	3 132		
Trucks and buses:																
Factory sales (from U.S. plants), total.....thous.....	3,440	3,706	268	341	319	338	355	272	281	305	366	330	290	313	298	367
Domestic.....do.....	3,178	3,415	247	311	291	309	324	254	266	281	337	305	266	288	273	
Retail sales, seasonally adjusted*:																
Light-duty, up to 14,000 lbs. GVW.....do.....	3,145.0	3,547.2	276.3	292.2	301.4	303.3	315.5	297.7	314.8	261.5	308.5	309.0	301.0	299.5	283.3	
Medium-duty, 14,001-26,000 lbs. GVW.....do.....	171.5	164.5	13.6	15.1	14.5	14.2	14.3	14.1	11.3	12.6	13.5	13.8	14.9	14.5	17.6	
Heavy-duty, 26,001 lbs. and over GVW.....do.....	109.1	202.3	15.2	17.9	16.4	16.7	17.3	18.0	16.8	17.2	17.3	16.8	17.9	19.5	21.9	
Retail inventories, end of period, seasonally adjusted*.....thous.....	716.1	768.9	727.5	719.7	721.1	702.9	679.9	661.0	641.0	664.7	694.2	732.2	773.9	816.1	847.0	
Exports (BuCensus), assembled units.....do.....	202.55	248.43	18.58	21.72	22.86	22.74	24.24	18.05	16.58	22.18	24.90	21.73	21.24	17.53	25.05	
Imports (BuCensus), including separate chassis and bodies.....thous.....	822.43	1,035.68	84.67	103.13	96.87	92.12	97.00	85.88	63.80	76.23	83.21	90.77	75.85	93.20	70.09	
Registrations○, new vehicles, excluding buses not produced on truck chassis.....thous.....	3,509	3,963	3 287	3 306	4 320	4 342	3 357	4 386	3 396	4 335	4 305	4 314	4 361	7 282		
Truck trailers and chassis, complete (excludes detachables), shipments.....number.....	159,297	193,245	14,052	17,543	15,540	17,589	16,872	13,758	16,979	15,558	17,691	17,492	17,584	15,808	16,579	
Vans.....do.....	98,687	127,588	8,637	11,653	9,930	11,150	10,967	8,853	11,585	10,324	11,961	12,344	12,367	10,321	10,776	
Trailer bodies (detachable), sold separately.....do.....	7,193	6,066	408	578	352	622	540	462	670	320	463	585	583	706	800	
Trailer chassis (detachable), sold separately.....do.....	20,662	28,432	2,429	3,341	2,643	2,531	2,421	2,192	3,170	1,718	1,795	1,993	1,934	1,633	1,139	
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments.....number.....	51,729	67,440	3,795	4,874	4,702	5,843	6,893	4,753	6,697	5,942	6,465	6,733	6,827	6,048	7,030	
Equipment manufacturers.....do.....	46,664	62,400	3,483	4,489	4,351	5,644	6,113	4,351	6,198	5,533	6,174	6,461	6,524	5,667	6,619	
New orders.....do.....	66,750	125,307	6,352	4,346	10,258	16,907	14,815	11,599	13,596	10,561	9,010	8,802	12,727	15,236	14,506	
Equipment manufacturers.....do.....	59,577	124,862	6,352	4,346	10,008	16,907	14,815	11,265	13,086	8,911	9,010	8,302	11,827	14,736	14,506	
Unfilled orders, end of period.....do.....	35,910	96,255	40,602	45,387	50,943	61,802	69,298	75,461	82,733	87,200	87,605	91,773	96,255	104,818	113,049	
Equipment manufacturers.....do.....	29,490	89,944	34,034	39,204	44,861	55,919	64,195	70,426	78,197	81,423	82,119	86,059	89,944	98,388	107,030	
Freight cars (revenue), class 1 railroads (AAR):§																
Number owned, end of period.....thous.....	1,267	1,225	1,253	1,247	1,247	1,245	1,242	1,239	1,239	1,232	1,231	1,228	1,225	1,222	1,219	
Held for repairs, % of total owned.....	8.9	7.9	9.3	9.5	9.5	9.3	9.3	9.0	8.9	8.8	8.4	8.1	7.9	7.9	8.0	
Capacity (carrying), total, end of mo. mil. tons.....	96.64	93.96	94.84	94.47	94.45	94.38	94.30	94.20	94.38	94.05	94.18	94.04	93.96	93.80	93.58	
Average per car.....tons.....	75.50	76.68	75.66	75.74	75.73	75.83	75.94	76.04	76.20	76.31	76.50	76.61	76.68	76.76	76.76	

* Revised. † Preliminary. ‡ Annual total includes revisions not distributed by months. § Production, not factory sales. ¶ Excludes 2 States. † Excludes 1 State. ‡ Excludes 3 States. § Beginning 1978, data may not be strictly comparable with those for earlier years because of the revised export schedule. ¶ Excludes 4 States. † Annual figures, "Apparel 1975," MA-23A(75)-I. Survey expanded and classification changed; not comparable with data prior to 1974. See also note "¶," p. S-39. ‡ Total includes backlog for nonrelated products and services and basic research. § Seas. adj. data (1971-74) in the Mar. 1976 SURVEY, p. 5, do not reflect end-digit revisions to imports and total sales introduced in the Feb. 1977 SURVEY. Δ Domestics include U.S.-type cars produced in the United States and Canada; imports cover foreign-type cars and captive imports, and exclude domestics produced in Canada. ○ Courtesy of R. L. Polk & Co.; republication prohibited. § Excludes railroad-owned private refrigerator cars and private line cars. ¶ New series. Source: Motor Vehicle Manufacturers Assn. of the U.S. (seas. adjustment by BEA). Reporting firms do not represent the entire industry. Motor coaches are not covered. Sales include imports of U.S. manufacturers only (all other imports are not covered). Units refer to complete vehicles and to chassis sold separately. Gross vehicle weight refers to the weight of the vehicle with full load. Seasonally adjusted monthly data back to 1971 are available. * Excludes leisure-type; not strictly comparable with 1974. †

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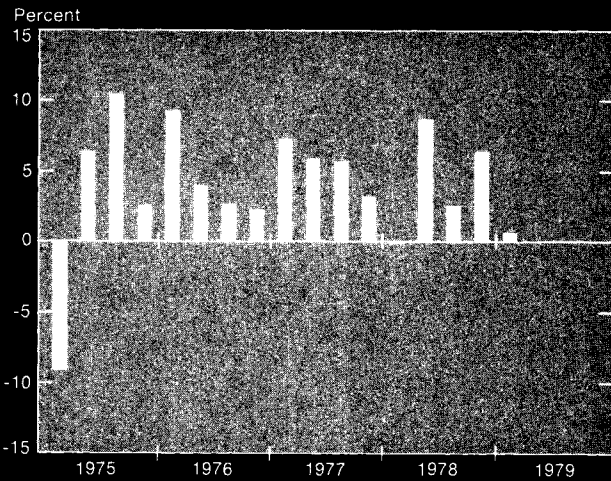
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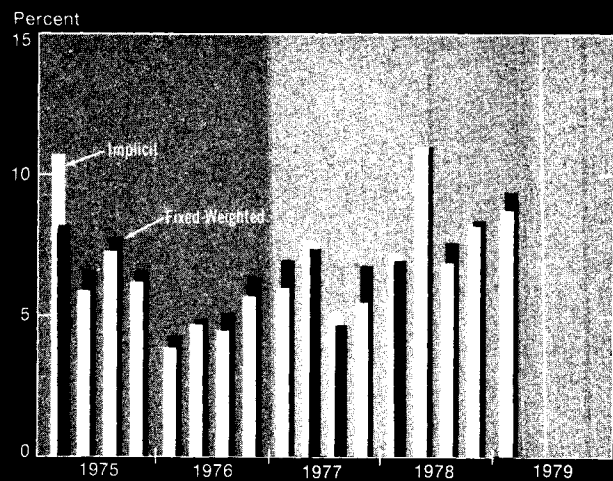
In the first quarter

- Real GNP increased at $1\frac{1}{2}$ percent
- GNP fixed-weighted price index increased $9\frac{1}{2}$ percent
- Real disposable personal income increased 3 percent

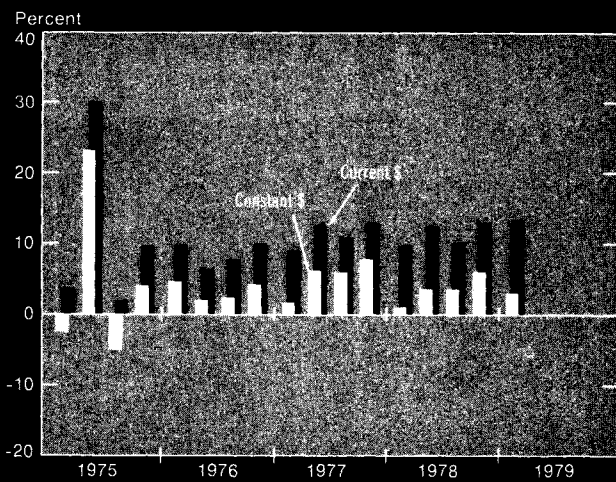
Real GNP



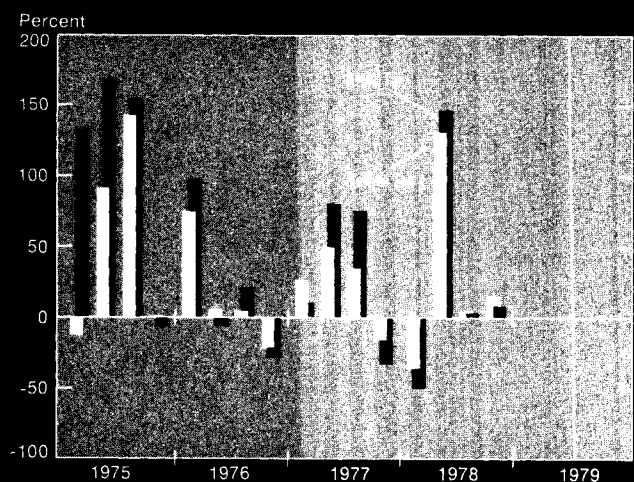
GNP Prices



Disposable Personal Income



Corporate Profits With IVA and CCAadj



Percent change from preceding quarter; seasonally adjusted at annual rates.