

SURVEY OF CURRENT BUSINESS



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the BUSINESS SITUATION

REAL GNP increased 6½ percent at an annual rate in the first quarter of 1981, compared with 4 percent in the fourth quarter of 1980.¹ Two-thirds of the acceleration was in final sales; the rest was due to inventories. The contribution of inventories to the acceleration reflected a slowing in the rate of decumulation from the fourth quarter to the first after a step-up in that rate from the third to the fourth. In final sales, the largest element in the acceleration was net exports, which increased after a huge drop in the fourth quarter. Government purchases and nonresidential fixed investment increased more than in the fourth quarter. In contrast, personal consumption expenditures (PCE) increased less, and residential investment flattened (chart 1).

Motor vehicle output, which is the sum of the final sales and inventory change that are included in the corresponding conventional components of GNP, is shown in table 1. Motor vehicle output declined in the first quarter after a large increase in the fourth. If motor vehicle output and also residential in-

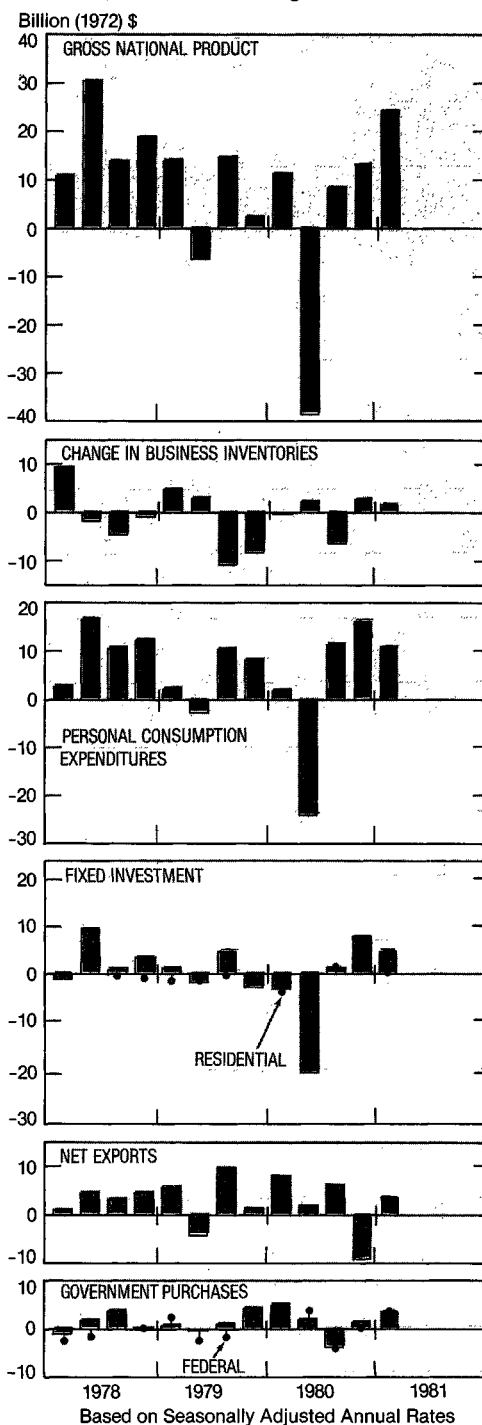
vestment are excluded, the course of production was quite different. This measure of production declined ½ percent at an annual rate in the fourth quarter and increased 8 percent in the first, compared with the 4-percent and 6½-percent increases registered by total GNP. Total GNP surpassed its first-quarter 1980 peak by ½ percent, and production excluding motor vehicle output and residential investment surpassed its peak by 1 percent.

Prices.—GNP prices as measured by the fixed-weighted price index increased 10 percent at an annual rate, compared with 10½ percent in the fourth quarter (table 2). The fourth-quarter increase had been boosted by a pay raise for Federal employees, which is reflected in the index because it represents an increase in the prices of the employee services purchased by the Federal Government. Excluding the pay raise, the increase in the fixed-weighted price indexes for GNP and for total final sales both accelerated 1 percentage point from 9 percent in the fourth quarter. This acceleration would have been larger had it not been for the prices of exports and imports. Export prices increased less than in the fourth quarter, largely reflecting prices of agricultural exports. Import prices, which enter the fixed-weighted price indexes with a negative weight, increased more, largely reflecting the price of petroleum imports. Among prices of other components of final sales, sharp accelerations were registered for each of the investment components; prices of PCE increased 11 percent, compared with 10 percent in the fourth quarter.

The step-up in PCE price increases was due to energy. Food prices and prices of PCE on other than food and energy increased less than in the fourth

CHART 1

Real Product: Change from Preceding Quarter



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

Table 1.—Key Factors in Real GNP

[Billions of constant (1972) dollars]

	Seasonally adjusted at annual rates				Change from preceding quarter		
	1980			1981	1980		1981
	II	III	IV	I	III	IV	I
Gross domestic product.....	1,435.5	1,443.4	1,458.9	1,481.2	7.0	15.5	22.3
Plus: Rest-of-the world product.....	27.8	28.5	26.7	28.0	.7	-1.8	1.3
GNP.....	1,463.3	1,471.9	1,485.6	1,509.2	8.6	13.7	23.6
Less: Motor vehicle output ¹	47.4	46.8	57.1	53.7	.8	10.3	-3.4
Residential investment.....	43.1	44.7	50.6	50.7	1.6	5.9	-1.1
GNP less motor vehicle output and residential investment.....	1,372.8	1,380.4	1,377.9	1,404.8	7.6	-2.5	26.9
Change in business inventories.....	1.3	-5.0	-7.2	-5.7	-6.3	-2.2	1.5
Less: Motor vehicles.....	-3	-4.4	2.4	-7.5	-4.1	6.8	-9.9
Change in business inventories less motor vehicles.....	1.6	-6	-9.6	1.8	-2.2	-9.0	11.4
Final sales.....	1,462.0	1,476.9	1,492.7	1,515.0	14.9	15.8	22.3
Less: Motor vehicles.....	47.6	51.3	54.6	61.2	5.1	3.3	6.6
Residential investment.....	43.1	44.7	50.6	50.7	1.6	5.9	-1.1
Final sales less motor vehicles and residential investment.....	1,371.3	1,380.9	1,387.5	1,403.1	9.6	6.6	15.6
Personal consumption expenditures.....	919.3	930.8	946.8	957.8	11.5	16.0	11.0
Less: Motor vehicles.....	34.9	39.1	42.0	47.2	5.6	2.9	5.2
Personal consumption expenditures less motor vehicles.....	884.4	891.7	904.8	910.6	7.3	13.1	5.8
Nonresidential structures.....	48.7	46.8	47.8	49.1	-1.9	1.0	1.3
Nonresidential producers' durable equipment.....	107.4	108.8	109.3	112.6	1.4	.5	3.3
Less: Motor vehicles.....	15.7	17.7	17.1	18.0	2.0	-6	.9
Nonresidential producers' durable equipment less motor vehicles.....	91.7	91.1	92.2	94.6	-6	1.1	2.4
Net exports.....	51.7	57.6	48.5	51.8	5.9	-9.1	3.3
Less: Motor vehicles.....	-5.2	-7.8	-6.7	-6.1	-2.6	1.1	.6
Net exports less motor vehicles.....	56.9	65.4	55.2	57.9	8.5	-10.2	2.7
Exports.....	160.5	160.5	157.4	164.9	0	-3.1	7.5
Less: Motor vehicles.....	3.9	3.4	4.0	4.2	-5	.6	.2
Exports less motor vehicles.....	156.6	157.1	153.4	160.7	.5	-3.7	7.3
Imports.....	108.9	102.8	108.9	113.1	-6.1	6.1	4.2
Less: Motor vehicles.....	9.2	11.2	10.6	10.2	2.0	-6	-4
Imports less motor vehicles.....	99.7	91.6	98.3	102.9	-8.1	6.7	4.6
Government purchases.....	291.9	288.2	289.8	292.9	-3.7	1.6	3.1
Less: Motor vehicles.....	2.2	2.2	2.2	2.2	0	0	0
Government purchases less motor vehicles.....	289.7	286.0	287.6	290.7	-3.7	1.6	3.1

1. This estimate and the estimates of motor vehicles that are shown under the components of GNP are from the auto and truck output tables (tables 1.15 and 1.17 of the National Income and Product Account Tables). The output estimates in turn are based primarily on unit production and sales data.

quarter: The former increased 7 percent at an annual rate, compared with 16 percent; the latter increased 8 percent, compared with 9 percent. The major factor in food was a decline in meat prices. Partly offsetting meat were sharp jumps in the prices of fats and

oils, reflecting substantial damage to last fall's peanut crop, and of fresh vegetables, reflecting reduced supplies following the mid-January freeze in Florida. Meat prices are expected to increase in the second quarter because of tighter supplies of beef.

PCE energy prices accelerated sharply in the first quarter from an annual rate increase of 6½ percent to 40½ percent. All four major components contributed. Gasoline and fuel oil prices increased 44½ percent and 89½ percent, respectively, compared

Table 2.—Fixed-Weighted Price Indexes

	Index of numbers (1972=100) seasonally adjusted				Percent change from preceding quarter at annual rates		
	1980 ¹			1981	1980 ¹		1981
	II	III	IV	I	III	IV	I
Gross national product.....	181.1	185.1	189.7	194.3	9.0	10.4	9.9
Less: Change in business inventories.....							
Equals: Final sales.....	181.1	185.0	189.6	194.2	9.0	10.4	10.0
Less: Exports.....	213.2	219.1	226.6	232.4	11.5	14.5	10.6
Plus: Imports.....	299.4	308.7	315.5	325.7	13.1	9.0	13.6
Equals: Final sales to domestic purchasers.....	186.6	190.8	195.4	200.3	9.2	10.0	10.3
Personal consumption expenditures.....	182.1	186.3	190.8	195.9	9.5	10.1	11.1
Food.....	187.9	195.1	202.6	206.1	16.2	16.1	7.2
Energy ¹	318.7	320.3	325.2	354.1	2.1	6.3	40.5
Other personal consumption expenditures.....	167.8	171.3	175.0	178.4	8.7	8.9	7.9
Other.....	194.3	198.4	203.1	207.6	8.8	9.7	9.2
Nonresidential structures.....	216.7	221.0	224.1	229.4	8.1	5.8	9.8
Producers' durable equipment.....	180.8	185.8	189.4	193.8	11.6	7.9	9.7
Residential.....	218.4	223.1	224.3	230.3	8.8	2.1	11.1
Government purchases.....	188.4	192.1	198.2	202.2	8.1	13.3	8.3

¹ Revised.

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

with 6 percent and 6½ percent in the fourth quarter. The step-ups were due to increased prices for OPEC and other imported crude oil, and the decontrol of domestic crude oil and refined petroleum products, effective January 28. The latest round of OPEC price increases, announced in December, generally were \$2 to \$4 per barrel. Decontrol concentrated into the first quarter the price impact of the previously scheduled phasing out of Federal price and allocation controls. The effect of these developments on the average price of gasoline was an immediate increase of several cents per gallon. In March, however, the price of gasoline showed little change. Natural gas prices increased 7½ percent in the first quarter, compared with 5 percent in the fourth. Electricity prices increased 17½ percent, compared with 7½ percent in the fourth quarter, as higher prices for crude oil and petroleum products used in electricity production were passed through to consumers.

Employment and unemployment.—Labor market conditions improved slightly in the first quarter. The civilian

labor force increased 627,000, the largest increase in over a year (table 3). The household measure of employment increased 736,000, more than three times as much as in the fourth quarter. Adult women accounted for virtually the entire first-quarter increase in the labor force and for three-fourths of the increase in employment. Unemployment declined 109,000, as a decline in job losers more than offset increases in the other categories of unemployment. The unemployment rate declined from 7.5 percent in the previous 2 quarters to 7.4 percent, although the rate for teenagers increased to 19.1 percent, its highest level in 5 years.

The payroll measure of employment increased 658,000, about 140,000 less than in the fourth quarter. The entire deceleration was in durables manufacturing. The bulk of the first-quarter increase was in services (242,000) and distributive industries (217,000). Average weekly hours in the private nonfarm economy held steady at 35.4, and hours in manufacturing were up 0.2 to 40.1.

Like production, by the first quarter, employment and hours had recovered their recession losses. Employment was

Table 4.—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]

	1980			1981
	II	III	IV	I
Real gross product.....	-12.5	2.9	7.3	7.5
Hours.....	-9.3	-1.0	7.6	3.2
Compensation.....	.7	8.5	17.9	15.4
Real gross product per hour..	-3.5	4.0	-3	4.2
Compensation per hour.....	10.9	9.7	9.6	11.8
Unit labor cost.....	15.0	5.4	9.8	7.3

above its first-quarter 1980 peak, and average hours nearly regained their year-ago level. Unemployment, however, remained well above its year-ago level.

Costs and productivity.—Table 4 adapts the information on real product, employment, and hours to focus on costs and productivity in the business economy other than farm and housing. Real product increased as strongly in the first quarter as in the fourth, but the increase in hours decelerated to only one-half the fourth-quarter increase. As a result, productivity—as measured by real gross product per hour—swung to a substantial increase, continuing the irregular pattern that characterized 1980. Compensation was up sharply in both quarters; the first quarter was affected by the increase—from \$3.10 to \$3.35 per hour—in the minimum wage under the Fair Labor Standards Act, and by the increase in employer contributions for social insurance due to step-ups in the social security tax rate from 6.13 percent to 6.65 percent and in the taxable wage base from \$25,900 to \$29,700. Excluding both of these factors, compensation per hour increased 8.7 percent at an annual rate, compared with 9.6 percent in the fourth quarter. Unit labor costs increased less than in the fourth quarter.

Personal income and its disposition

Personal income increased \$61½ billion in the first quarter, \$12½ billion less than in the fourth (table 5).² The deceleration can be traced to wage and salary disbursements, proprietors' income, and

Table 3.—Selected Labor Market Indicators

[Seasonally adjusted]

	1980				1981	Change from preceding quarter			
	I	II	III	IV	I	1980: II	1980: III	1980: IV	1981: I
Household survey									
Civilian labor force (thousands).....	104,217	104,693	104,982	105,173	105,800	476	289	191	627
Employment.....	97,718	97,040	97,061	97,276	98,012	-678	21	215	736
Unemployment.....	6,499	7,652	7,921	7,897	7,788	1,153	269	-24	-109
Job losers.....	3,040	4,071	4,357	4,232	3,863	1,031	286	-125	-369
On layoff.....	1,098	1,716	1,758	1,538	1,275	618	42	-220	-263
Other job losers.....	1,942	2,355	2,598	2,693	2,589	413	243	95	-104
Job leavers, reentrants, and new entrants..	3,438	3,645	3,610	3,665	3,872	207	-35	55	207
Unemployment rate (percent):									
Total.....	6.2	7.3	7.5	7.5	7.4	1.1	.2	0	-.1
Adult men.....	4.8	6.2	6.6	6.3	6.0	1.4	.4	-.3	-.3
Adult women.....	5.8	6.4	6.4	6.7	6.6	.6	0	.3	-.1
Teenagers.....	16.4	17.9	18.4	18.3	19.1	1.5	.5	-.1	.8
Establishment survey									
Employment, nonfarm payroll (thousands)....	91,120	90,489	90,131	90,932	91,590	-631	-358	801	658
Goods producing.....	26,605	25,763	25,317	25,780	26,002	-842	-446	463	222
Construction.....	4,644	4,427	4,362	4,475	4,549	-217	-65	113	74
Manufacturing:									
Durables.....	12,701	12,176	11,878	12,116	12,193	-525	-298	238	77
Nondurables.....	8,254	8,138	8,059	8,134	8,170	-116	-79	75	36
Distributive ¹	25,793	25,652	25,694	25,785	26,002	-141	42	91	217
Services ²	22,630	22,778	22,983	23,211	23,453	148	205	228	242
Government.....	16,093	16,296	16,137	16,156	16,133	203	-159	19	-23
Average weekly hours, private nonfarm:									
Total.....	35.5	35.1	35.1	35.4	35.4	-.4	0	.3	0
Manufacturing.....	40.1	39.4	39.3	39.9	40.1	-.7	-.1	.6	.2

1. Transportation and public utilities, and wholesale and retail trade.

2. Services, and finance, insurance, and real estate.

Source: Bureau of Labor Statistics.

2. Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are differences between these rates.

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

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

	1980		1981
	III	IV	I
Wage and salary disbursements.....	21.4	56.0	44.5
Manufacturing.....	3.5	18.2	13.0
Other commodity-producing.....	.6	5.7	4.1
Distributive.....	6.0	11.4	10.8
Services.....	7.9	11.3	12.8
Government and government enterprises.....	3.4	9.4	3.7
Proprietors' income.....	4.8	4.3	-2.6
Farm.....	-1.2	.3	-3.5
Nonfarm.....	6.0	3.9	.8
Personal interest income.....	8.2	7.9	18.7
Transfer payments.....	30.0	3.2	5.2
Other income.....	5.4	5.8	6.7
Less: Personal contributions for social insurance.....	2.3	3.1	11.0
Personal income.....	67.7	74.1	61.5
Less: Personal tax and nontax payments.....	11.2	17.7	13.0
Impact of legislation.....	.3	-.6	-2.8
Other.....	10.9	18.3	15.8
Equals: Disposable personal income.....	56.5	56.4	48.5
Less: Personal outlays.....	55.1	70.2	54.8
Equals: Personal saving.....	1.4	-13.8	-6.3
Addenda: Special factors in personal income:			
Federal pay raise.....		6.1	.1
Minimum wage.....			2.0
Accidental damage: Mount St. Helens and Florida civil disturbance.....	.7		
Social security (in personal contributions for social insurance)			
Base change.....			2.3
Rate change.....			6.7
Cost-of-living increase in Federal transfer payments.....	17.6	2.5	1.1

personal contributions for social insurance. In wages and salaries, the increase in manufacturing decelerated from \$18 billion to \$13 billion, largely due to smaller increases in employment and average weekly hours in durable goods industries. The increase in the minimum wage, the effect of which was concentrated in the distributive and services industries, more than accounted for the acceleration in their combined wages and salaries. In government and government enterprises, the deceleration was due to the Federal pay raise, which added \$6 billion to fourth-quarter wages and salaries.

Proprietors' income declined \$2½ billion in the first quarter after increasing \$4½ billion in the fourth. A swing in farm proprietors' income—from a small plus to a \$3½ billion decline—was largely traceable to the course of farm prices. Crop prices registered almost no change after a substantial fourth-quarter increase, and livestock prices registered a swing from an increase to a decline. Nonfarm proprietors' income

increased only \$1 billion after a \$4 billion increase. The increase in the first quarter was smaller than in the fourth, because incomes from construction increased much less and because commissions of real estate brokers and of security and commodity brokers declined.

Personal contributions for social insurance, which are deducted in deriving

personal income, were boosted \$9 billion in the first quarter by legislated increases in social security contributions. The increase due to the tax-rate change amounted to \$6½ billion, and that due to the wage-base change amounted to \$2½ billion.

The major offset to these decelerations was personal interest income, which increased \$18½ billion, compared with \$8 billion in the fourth quarter. The first-quarter increase was unusually large and was due to higher interest rates on Federal securities held by persons, either directly or through financial intermediaries.

Partly due to the deceleration in wages and salaries, personal taxes increased only \$13 billion, compared with \$17½ billion in the fourth quarter. Taxes were also held down by the impact of legislation, including changes in the indexing procedure used in California to adjust personal taxes for the effects of inflation.

As a result of the deceleration in tax payments, disposable personal income decelerated somewhat less than personal income. Disposable income increased \$48½ billion, \$8 billion less than in the fourth quarter. The increase in personal outlays, of which PCE is the preponderant part, again exceeded that in disposable income, so that personal saving again declined. However, because outlays decelerated more than income, the first-quarter decline in saving was smaller—only about one-half the large fourth-quarter decline. The personal saving rate declined 0.4 percentage point, to 4.7

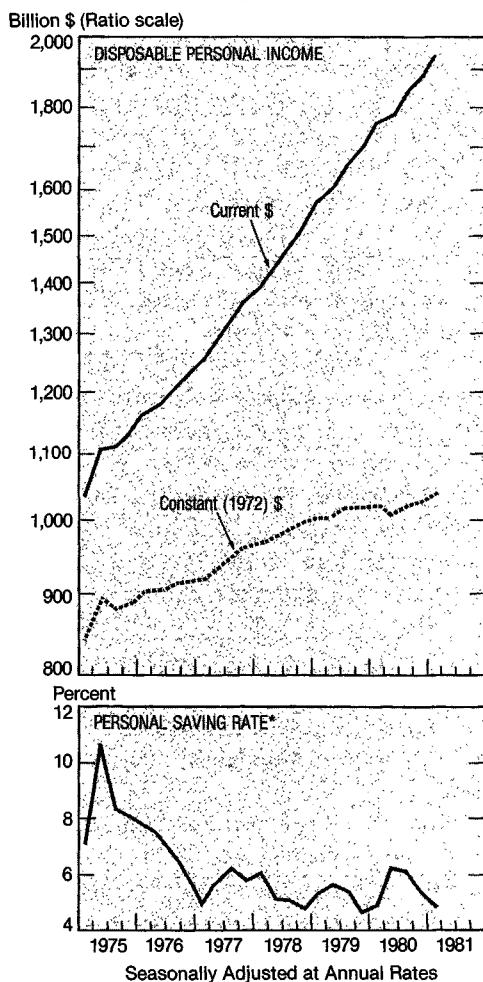
Table 6.—Real Personal Consumption Expenditures

	Billions of constant (1972) dollars, seasonally adjusted annual rates				Percent change from preceding quarter at annual rates		
	1980			1981	1980		1981
	II	III	IV	I	III	IV	I
Personal consumption expenditures.....	919.0	930.8	946.8	957.8	5.1	7.0	4.7
Durables.....	126.2	132.6	139.1	146.6	21.7	21.2	23.4
Motor vehicles and parts.....	47.0	51.5	54.6	60.4	44.5	26.1	40.7
Furniture and household equipment.....	57.0	58.4	60.7	62.0	10.2	16.6	9.0
Other durables.....	22.2	22.6	23.8	24.2	8.0	22.3	6.9
Nondurables.....	356.6	354.9	360.4	363.8	-1.8	6.3	3.8
Food.....	182.2	180.1	179.9	181.1	-4.6	-1.5	2.8
Energy ¹	30.5	29.5	30.6	28.5	-11.2	14.9	-24.3
Clothing and shoes.....	76.7	78.3	80.1	82.9	8.3	9.7	14.5
Other nondurables.....	67.2	67.0	69.8	71.3	-1.8	17.8	8.6
Services.....	436.5	443.3	447.3	447.4	6.4	3.7	.1
Energy ²	23.1	24.1	23.4	21.8	18.4	-11.4	-24.5
Other services.....	413.4	419.2	423.9	425.6	5.7	4.6	1.6

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

CHART 2

Disposable Personal Income and Personal Saving Rate



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

81-4-2

percent, after declining 1.0 percentage point in the fourth quarter.

In real terms, disposable income increased 2½ percent at an annual rate, after increasing 3 percent in the fourth quarter and 4 percent in the third. These increases—although substantial—did little more than restore real disposable income to the level of the three-quarter plateau it had reached prior to its sharp decline in the second quarter of 1980 (chart 2).

Real PCE.—Real PCE continued strong in the first quarter. It increased 4½ percent at an annual rate, following increases of 7 percent in the fourth quarter and 5 percent in the third (table 6). On a monthly basis, PCE increased through January, but flattened subsequently. PCE on motor vehicles and

parts continued up, but other PCE fell off.

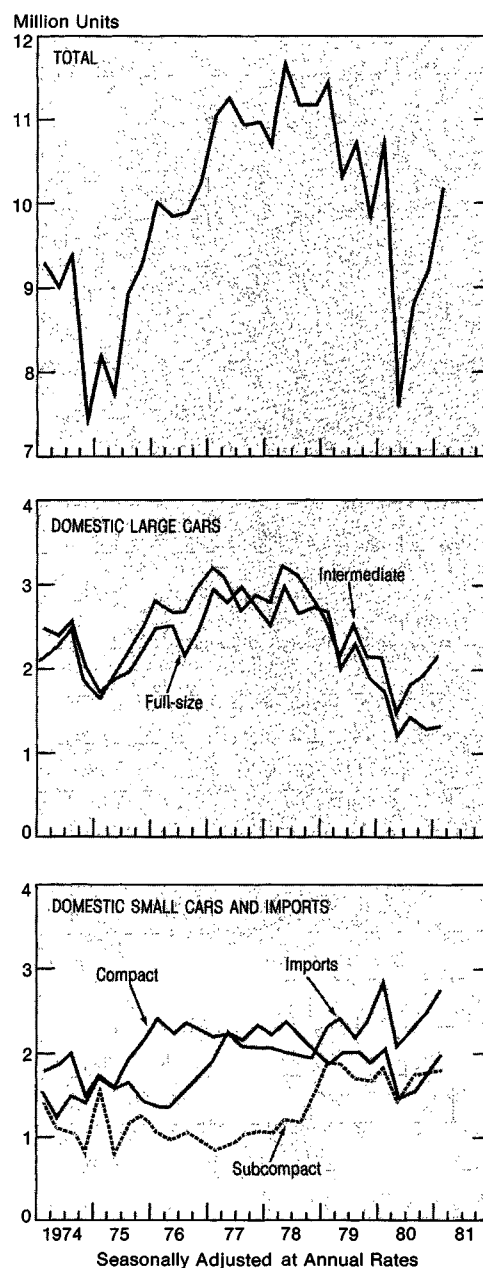
The bulk of the deceleration that occurred in PCE from the fourth quarter to the first was in services. PCE on electricity and gas declined, mainly due to unseasonably mild weather in February and March. "Other" services increased less than in the fourth quarter, primarily a reflection of a decline in commissions of security and commodity brokers and smaller increases in payments for several health-related services. Among goods, PCE on durables other than motor vehicles increased less in the first quarter, and PCE on energy declined. A decline in PCE on fuel oil, like that in electricity and gas, was mainly due to the weather. PCE on gasoline declined, continuing a 2-year slide that had been interrupted in the fourth quarter. In contrast, PCE on food turned up after 3 quarters of decline, and PCE on clothing continued to show a strong increase.

PCE on motor vehicles increased twice as much in the first quarter as in the fourth; purchases of cars continued to increase, and purchases of trucks turned up. In terms of units, sales of new passenger cars, which are sales to business and other final users as well as to consumers, totaled 10.2 million (seasonally adjusted annual rate) in the first quarter, up from 9.1 million in the fourth (chart 3). Import car sales continued their steady advance, increasing from 2.5 to 2.7 million. Sales of domestic cars were up sharply, from 6.7 to 7.4 million, after little change in the fourth quarter.

Sales of domestic cars were boosted by the extensive cash rebate programs in effect from mid-February through mid-March. The rebates were concentrated on intermediate and compact cars; sales of these cars increased from 1.9 to 2.2 million and from 1.7 to 2.0 million, respectively. Full-size car sales held steady at 1.3 million, and subcompact sales at 1.8 million. A portion of the rebate-induced increase represents "borrowing" from future periods; sales in the last 10 days of March, when most of the rebate programs had been scaled back, fell sharply.

CHART 3

Retail Sales of New Passenger Cars



Note.—The components may not add to the total because each category was separately adjusted for seasonal variation.

Data: Motor Vehicle Manufacturers Association of the United States, Inc. and Ward's Automotive Reports; seasonal adjustment by BEA.

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

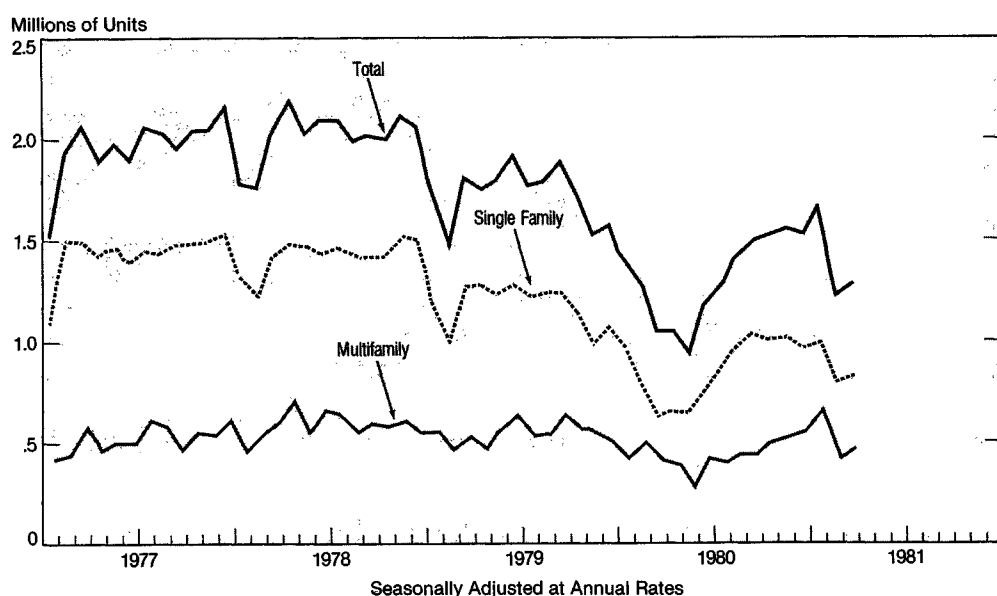
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Investment

Real nonresidential fixed investment increased 12½ percent at an annual rate, after increasing 4 percent in the fourth quarter (table 7). The first-quarter acceleration was in producers' durable equipment; a turnaround in motor vehicles and a larger first-quarter increase in other producers' durable equipment contributed about equally.

Housing Starts

CHART 4



Most of the turnaround in motor vehicles was due to the boost given by the cash rebate programs to business purchases of new cars. New truck sales, which are sales to all final users, were up only slightly—in terms of units, from 2.3 to 2.4 million (seasonally adjusted annual rates). The entire increase was in sales of imported trucks; sales of domestic “light” and “other” trucks remained at about their fourth-quarter levels. In other producers’ durable equipment, the increase in the first quarter, as in the fourth, was spread across most of the major categories. The first-quarter increase in purchases of computers was especially large.

Investment in structures continued strong, increasing 11½ percent at an

annual rate after 9½ percent in the fourth quarter. The strength in the first quarter, as in the fourth, was in industrial and commercial buildings. Among other types of structures, public utility construction continued to decline, and petroleum exploration and drilling was up in the fourth but down in the first.

Residential investment.—Real residential investment was flat in the first quarter, following a huge increase in the fourth. Although new construction increased—single-family units, much less than in the fourth quarter, and multifamily units, more than in the fourth—the “other” component of residential investment registered an offsetting decline. The first-quarter decline

in this component, which includes brokers’ commissions on the sale of new and existing residences, additions and alterations, and mobile home purchases, was in brokers’ commissions.

New construction is a lagged function of housing starts. Multifamily starts moved up rather steadily through January, plummeted in February, and registered a limited recovery in March (chart 4). The fourth quarter included an unusually large increase in starts authorized under the Section 8 Federal rent subsidy program. Single-family starts increased strongly in June through September, held steady through January, and in February and March followed a course similar to that of multifamily starts. Single-family starts respond more rapidly to changes in financial conditions than do multifamily starts. In the fourth quarter, the prime rate—to which construction loans are tied—climbed to unprecedented levels, and, at 14 percent, the commitment rate on typical 25-year mortgages averaged 150 basis points above the third quarter (chart 5).

High and rising mortgage interest rates contributed also to the first-quarter decline in house sales, and, accordingly, in brokers’ commissions. Sales of new single-family houses declined from a seasonally adjusted annual rate of 541,000 in the fourth quarter to 500,000 in January and February; the corresponding decline for existing homes was from 3,000,000 to 2,570,000.

A clue to the surprising strength of housing starts through January in the face of high and rising interest rates is that the number of unused building permits was being drawn down to unusually low levels. This suggests that the houses being started included a larger than usual proportion for which financing had been arranged earlier, when terms were more favorable. This source of strength has receded. Further, recent yields at Federal National Mortgage Association auctions suggest that the mortgage rate is unlikely to fall much, if at all, in the near future. Also, net deposit flows at savings and loan associations and mutual savings banks fell sharply from the fourth quarter to January and February. Given these developments.

Table 7.—Real Fixed Investment

	Billions of constant (1972) dollars, seasonally adjusted annual rates				Percent change from preceding quarter at annual rates		
	1980			1981	1980		1981
	II	III	IV	I	III	IV	I
Fixed investment	199.2	200.2	207.6	212.4	2.1	15.7	9.4
Nonresidential.....	156.1	155.5	157.0	161.7	-1.5	4.0	12.3
Structures.....	48.7	46.8	47.8	49.1	-15.3	9.0	11.5
Producers' durable equipment.....	107.4	108.8	109.3	112.6	5.3	1.9	12.6
Autos, trucks, and buses.....	15.6	17.6	17.0	17.9	60.8	-12.2	21.1
Other.....	91.7	91.2	92.2	94.7	-2.4	4.8	11.1
Residential.....	43.1	44.7	50.6	50.7	16.0	64.2	1.0

the outlook for residential investment is clouded.

Inventory investment.—In real terms, inventories were run down in the first quarter at a rate of \$5½ billion—not far from the rates in the third and fourth quarters of 1980. The bulk of the three-quarter run-down was in nonfarm inventories, but farm inventories contributed as well.

The first-quarter decumulation in nonfarm inventories was more than accounted for by retail auto dealers.³ Another series, which is the companion series to unit sales of new passenger cars, sheds additional light on auto inventory developments. Inventories of domestic cars were slashed from 1,350,000 (seasonally adjusted) in the fourth quarter to about 990,000 in the first, the lowest level in more than a decade. The inventory-sales ratio plunged from 2.4 in the fourth quarter to 1.6. The rebate programs were tailored to clear out certain slow-selling models that had built up despite earlier cutbacks in production. Inventories of many models are so low that an increase in production is scheduled in the second quarter despite uncertainty about the course of sales.

Among other nonfarm inventories, those held in wholesale trade, especially durables, and retail nondurables also registered decumulation in the first quarter. Accumulation in manufacturing, both durables and nondurables, was a partial offset.

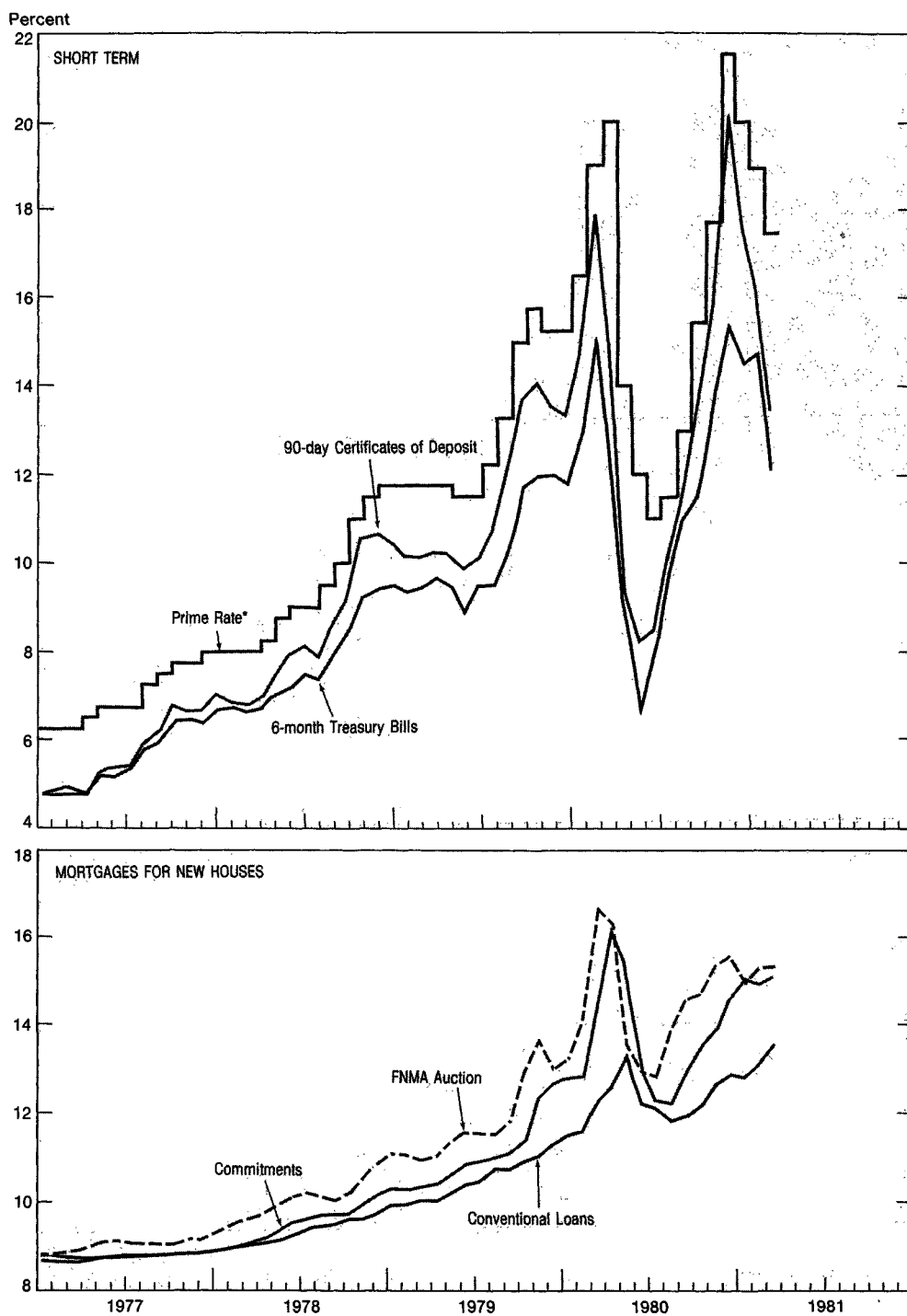
For manufacturing, merchant wholesale trade, and retail trade, sales estimates are available that make it possible to relate inventory stocks to sales. Table 8 shows constant-dollar inventories, sales, and inventory-sales ratios for the period beginning in the second quarter of 1980, when inventory-sales ratios reached their peak. In retail trade, durables inventories were run down in the third and fourth quarters and held steady in the first. The strong sales increase over this period made it possible

for these retailers to achieve the lean inventories they wanted. Nondurables inventories accumulated substantially in the third quarter when sales were weak, but were brought down subsequently when sales increased moderately. In manufacturing, inventories were run down in the third and fourth quarters

prior to the first-quarter accumulation. A strengthening of sales coincided with the run-down and a weakening coincided with the accumulation. The strengthening and weakening of sales, especially in durables manufacturing, is, in turn, partly traceable to the course of motor vehicle production and resi-

CHART 5

Selected Interest Rates



3. In general, the series for retail auto dealers is derived from Census Bureau book value inventory data. These data cover most auto inventories—including inventories of new and used autos, domestic and foreign—although not those held by manufacturers and wholesalers. The Census Bureau data for retail auto dealers cover, in addition to autos, some trucks and other motorized vehicles, and also parts.

dential investment, because they are major markets for the products of manufacturing industries.

An overview of inventory developments is provided in chart 6, which shows total business inventories relative to business final sales and to business final sales of goods and structures. The chart brings out that, except in the second quarter of 1980, inventories have tended down since the third quarter of 1979. Apart from special industry situations, this tendency can be attributed to the high costs of carrying inventories that prevailed during most of the period, the determination to avoid the kind of buildup that occurred prior to 1975, and the widespread expectation of weaker sales in the second half of 1980 than materialized. Over this period, the movements in the inventory-sales ratios were largely due to movements in sales—a picture that emerges also in the by-industry inventories and sales indexes shown in table 8. By the first quarter of 1981, the ratios had fallen back to the levels that were registered in 1977-78, a period when in-

ventories do not seem to have been excessive.

Net exports

Real net exports of goods and services were up \$3½ billion in the first quarter, after declining \$9 billion in the fourth (table 9). The major factor in the swing was a sharp turnaround in merchandise exports (chart 7). Agricultural exports increased following a decline in the fourth quarter. Most categories of nonagricultural exports strengthened relative to the fourth quarter. There was an especially large step-up in capital goods—an increase of \$½ billion after a decline of \$2½ billion. Merchandise imports increased, but not as much as in the fourth quarter. Reflecting increased U.S. industrial activity, petroleum as well as other industrial supplies and materials again registered sharp increases. Petroleum imports were up to 6.9 million barrels per day (seasonally adjusted) from 6.5 million in the fourth quarter. The first-quarter level was 18 percent below that of the first quarter of 1980.

Factor incomes—both receipts and payments—were up in the first quarter, as they had been in the fourth. A major cause of the increases was higher dollar interest rates.

Government

Real government purchases of goods and services increased 4½ percent at an annual rate in the first quarter, compared with 2 percent in the fourth (table 10). Federal purchases increased 12½ percent after little change. In the first quarter, agricultural price support operations by the Commodity Credit Corporation shifted from net sales of \$1½ billion to net purchases of \$2½ billion, as new loans to farmers exceeded redemptions of crops placed under loan earlier. Other Federal purchases showed little change.

State and local purchases, both in total and for major purchase categories, were flat in the first quarter. In the fourth quarter, these purchases had increased 2½ percent.

Table 8.—Constant-Dollar Inventories, Sales, and Inventory-Sales Ratios for Manufacturing and Trade

[Seasonally adjusted]

	Inventories (billions of 1972 dollars, end of period)						Sales (billions of 1972 dollars, monthly rate)						Inventory-sales ratio					
	1980			1981			1980			1981			1980			1981		
	II	III	IV	I	Jan.	Feb.	II	III	IV	Jan.	Feb.	II	III	IV	Jan.	Feb.	II	Feb.
Manufacturing and trade	264.7	264.2	263.0	261.6	263.2	262.9	150.5	153.6	158.1	159.5	158.6	1.76	1.72	1.66	1.65	1.66		
Manufacturing.....	147.2	145.9	145.0	146.0	145.8	146.2	70.1	71.5	74.1	74.0	73.8	2.10	2.04	1.96	1.97	1.98		
Durable goods.....	99.5	99.0	98.9	99.3	99.4	99.5	37.2	38.3	40.5	40.3	40.5	2.67	2.59	2.44	2.47	2.46		
Nondurable goods.....	47.7	46.8	46.1	46.7	46.4	46.8	32.9	33.2	33.6	33.8	33.3	1.45	1.41	1.37	1.37	1.40		
Merchant wholesalers.....	52.9	53.3	53.4	52.6	53.0	52.9	36.2	36.8	38.4	38.6	37.6	1.46	1.45	1.39	1.37	1.41		
Durable goods.....	35.3	35.3	35.5	34.6	35.0	35.0	16.4	16.9	17.8	17.6	17.8	2.15	2.09	1.99	1.99	1.97		
Nondurable goods.....	17.6	18.1	17.9	18.0	18.0	17.9	19.8	19.9	20.5	21.0	19.9	.89	.91	.87	.86	.90		
Retail trade.....	64.7	65.1	64.6	63.0	64.4	63.7	44.2	45.3	45.7	46.8	47.2	1.47	1.44	1.41	1.38	1.35		
Durable goods.....	30.7	30.2	30.3	29.0	30.4	29.7	14.2	15.3	15.4	16.3	16.7	2.16	1.98	1.97	1.86	1.78		
Auto.....	15.1	14.9	15.3	13.9	15.3	14.5	7.6	8.5	8.4	8.9	9.3	2.00	1.74	1.84	1.72	1.56		
Other.....	15.6	15.4	15.0	15.0	15.1	15.1	6.7	6.8	7.0	7.4	7.4	2.34	2.27	2.13	2.04	2.05		
Nondurable goods.....	34.1	34.8	34.2	34.0	34.0	34.1	29.9	30.0	30.3	30.5	30.5	1.14	1.16	1.13	1.12	1.12		
1980: II=1.000																		
Manufacturing and trade	1.000	.998	.994	.998	.994	.993	1.000	1.021	1.050	1.060	1.054	1.000	.977	.943	.938	.943		
Manufacturing.....	1.000	.991	.985	.992	.990	.993	1.000	1.020	1.057	1.056	1.052	1.000	.971	.933	.938	.943		
Durable goods.....	1.000	.995	.994	.998	1.000	1.000	1.000	1.030	1.089	1.083	1.088	1.000	.970	.914	.925	.921		
Nondurable goods.....	1.000	.981	.966	.979	.973	.981	1.000	1.009	1.021	1.027	1.012	1.000	.972	.945	.945	.966		
Merchant wholesalers.....	1.000	1.008	1.009	.994	1.002	1.000	1.000	1.017	1.061	1.066	1.039	1.000	.993	.952	.938	.966		
Durable goods.....	1.000	1.000	1.006	.980	.992	.992	1.000	1.030	1.085	1.073	1.085	1.000	.972	.926	.926	.916		
Nondurable goods.....	1.000	1.028	1.017	1.023	1.023	1.017	1.000	1.005	1.035	1.061	1.005	1.000	1.022	.978	.966	1.011		
Retail trade.....	1.000	1.006	.998	.974	.995	.995	1.000	1.025	1.034	1.059	1.068	1.000	.980	.959	.939	.918		
Durable goods.....	1.000	.984	.987	.945	.990	.967	1.000	1.077	1.085	1.148	1.176	1.000	.917	.912	.861	.824		
Auto.....	1.000	.987	1.013	.921	1.013	.960	1.000	1.118	1.105	1.171	1.224	1.000	.870	.920	.860	.780		
Other.....	1.000	.987	.962	.962	.968	.968	1.000	1.015	1.045	1.104	1.104	1.000	.970	.910	.872	.872		
Nondurable goods.....	1.000	1.021	1.003	.997	.997	1.000	1.000	1.003	1.013	1.020	1.020	1.000	1.018	.991	.982	.912		

NOTE.—When put at annual rates and added to the change in farm, nonmerchant wholesalers, and "other" inventories, the differences between quarterly inventories sum to the constant-dollar change in business inventories component of GNP.

NIPA Federal sector.—Information on current-dollar Federal receipts and expenditures is shown in table 11. Expenditures increased \$19 billion, compared with \$26 billion in the fourth quarter. Purchases decelerated sharply; in the fourth quarter they had been boosted \$61½ billion by the Federal pay raise. Grants-in-aid to State and local governments declined after increasing in the fourth quarter. In contrast, net interest paid increased more. The \$12 billion step-up reflected higher interest rates on Federal securities and \$2½ billion paid to the Penn Central Transportation Company as part of a settlement for the value of assets transferred by Penn Central to Conrail in 1976.

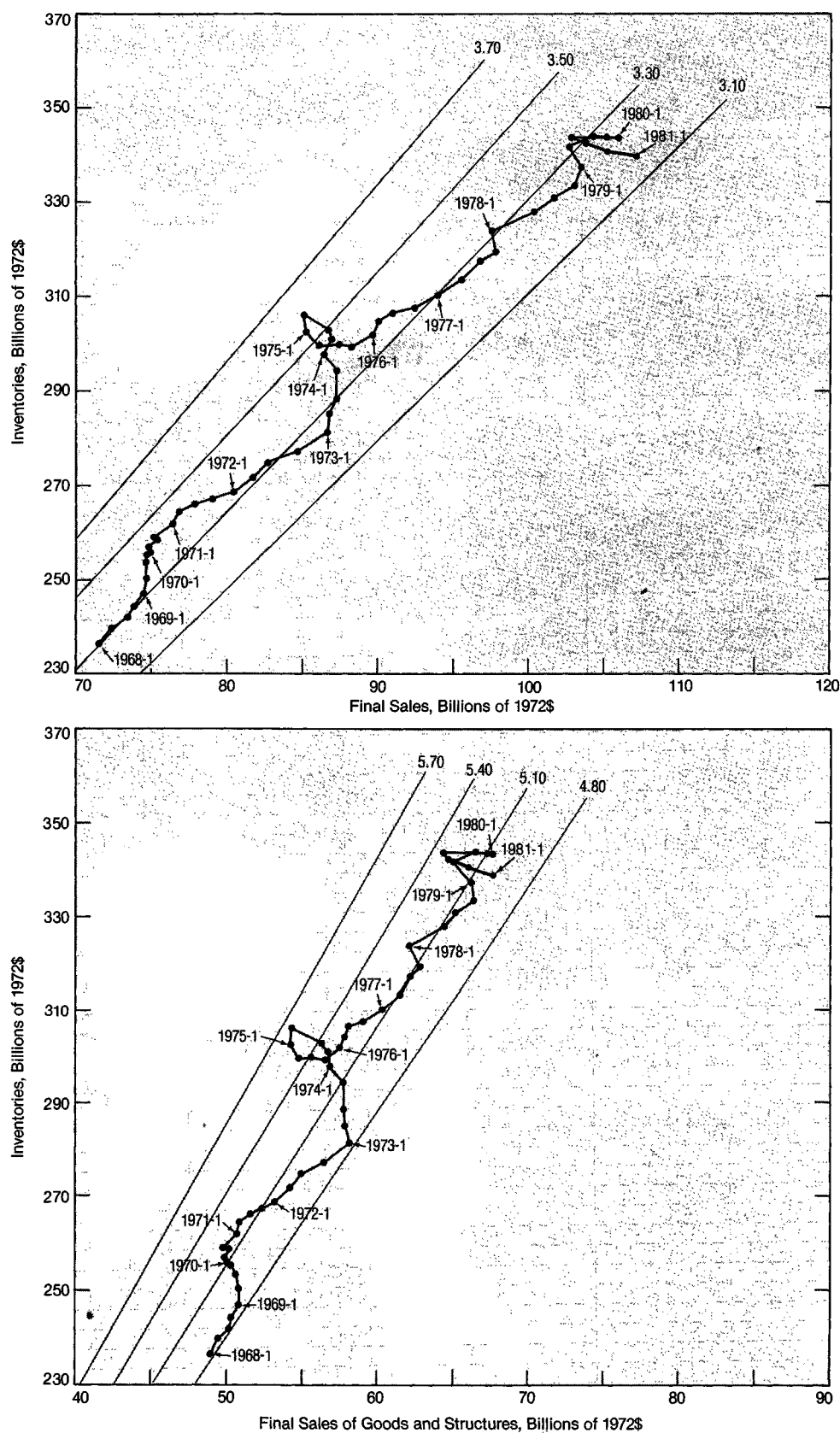
Receipts increased more than they did in the fourth quarter. Contributions for social insurance accelerated sharply—from \$7 billion to \$20½ billion—due to the step-up in the social security tax rate and taxable wage base. Also, indirect business taxes were up \$11 billion, after increasing \$6 billion in the fourth quarter. Windfall profits tax receipts increased sharply as a result of the full decontrol of domestic crude oil in January. Personal taxes increased \$10½ billion, about \$3 billion less than in the fourth quarter, largely reflecting the deceleration in the increase in wages and salaries. On the basis of a residual calculation of first-quarter profits, corporate profits tax accruals were down about one-third as much as they had increased in the fourth quarter. This residual calculation assumes that the statistical discrepancy in the national income and product account is the same as in the preceding quarter. On this basis, it appears that the Federal deficit on a national income and product account basis was about \$20 billion less than the \$68 billion recorded in the fourth quarter.

Corporate profits

In the fourth quarter of 1980, corporate profits from current production—profits with inventory valuation and capital consumption adjustments—increased \$5½ billion to \$183½ billion. This estimate is \$1½ billion higher than

CHART 6

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



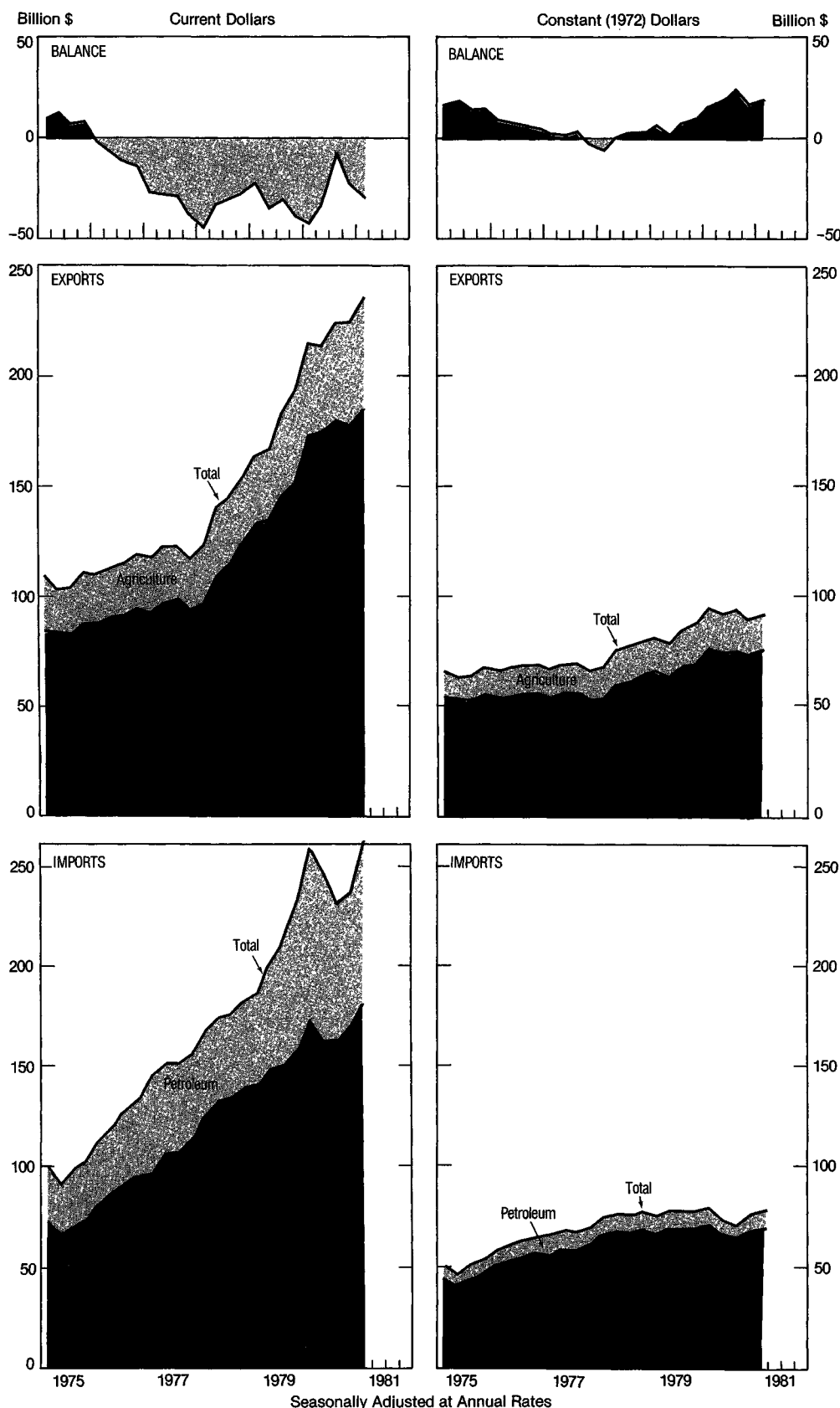
Note: End-of-quarter inventories, seasonally adjusted; final sales seasonally adjusted. Blue lines represent ratios of inventory stocks to final sales.

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

81-4-6

CHART 7

Merchandise Trade



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

814-7

the one published a month ago. An upward revision in manufacturing profits more than offset down revisions in other industries.

Domestic profits of nonfinancial corporations increased \$7 billion to \$128 billion. Most of this increase was durable goods manufacturing profits.

Domestic profits of financial corporations increased \$1½ billion to \$27½ billion. An increase in Federal Reserve banks' profits and a swing from losses to profits for savings and loan associations more than offset a decrease in the profits of insurance carriers.

Rest-of-the-world profits—as measured by the net inflow of dividends and reinvested earnings of incorporated foreign affiliates, and earnings of unincorporated foreign affiliates—decreased \$3 billion to \$27½ billion. A major factor in this decrease was lower profits on the overseas petroleum operations of U.S. corporations.

Recent developments in manufacturing and transportation profits.—For manufacturing corporations, profits with inventory valuation adjustment but without capital consumption adjustment peaked in the first quarter of 1979, declined, with the exception of one quarter, until the second quarter of 1980, and increased substantially in the third and fourth quarters (table 12). However, these profits remain well below their peak. Quarter-to-quarter changes in the profits of most manufacturing industries have generally been in the same direction as quarter-to-quarter changes in constant-dollar sales of these industries (table 13). Exceptions are usually due to identifiable special factors.

Within durables manufacturing, changes in profits of primary metals manufacturers reflected both changes in sales and fluctuations in prices received for metals; decreases or low rates of increase in prices held down profits in 3 quarters of 1979 and 1980 despite sales increases. (Extraordinary charges related to closings of plants have not significantly affected profits as measured in the national income and product accounts (NIPA's). One example of such charges is write-offs of undepreciated closed facilities, which are treated in fi-

Table 9.—Net Exports of Goods and Services

	Current dollars				Constant (1972) dollars						
	Billions of dollars, seasonally adjusted at annual rates								Percent change from preceding quarter at annual rates		
	1980			1981	1980			1981	1980		1981
	II	III	IV	I	II	III	IV	I	III	IV	I
Net exports of goods and services	17.1	44.5	23.3	24.3	51.7	57.6	48.5	51.8	-----	-----	-----
Exports.....	333.3	342.4	346.1	371.5	160.5	160.5	157.4	164.9	-2	-7.4	20.5
Merchandise.....	213.9	222.9	221.0	236.4	92.1	93.5	89.0	92.4	6.0	-17.9	16.5
Agricultural.....	38.9	43.8	44.8	49.1	17.6	18.7	17.7	18.7	26.9	-20.4	26.0
Nonagricultural.....	174.9	179.1	176.2	187.3	74.5	74.8	71.3	73.7	1.4	-17.3	14.2
Other.....	119.4	119.5	125.0	135.0	68.4	67.0	68.4	72.5	-8.0	8.8	25.9
Imports.....	316.2	297.9	322.7	347.2	108.9	102.8	108.9	113.1	-20.4	25.8	16.2
Merchandise.....	245.6	231.5	248.8	267.3	73.4	70.5	73.4	75.3	-14.9	17.6	10.6
Petroleum.....	84.0	69.1	76.8	88.2	7.2	5.8	6.2	6.7	-58.5	34.3	29.8
Nonpetroleum.....	161.7	162.4	172.0	179.1	66.1	64.7	67.1	68.6	-8.6	16.1	9.0
Other.....	70.5	66.4	73.9	79.9	35.5	32.4	35.5	37.8	-31.0	45.1	28.5

anical statements as capital losses in the period the decision to close is made; in the NIPA's, the entire value of the plant is depreciated over the expected service life of the plant. Another example is the value of unfunded pension costs, which are not charged in deriving NIPA measures unless actually paid to trust funds.)

Quarter-to-quarter movements in the profits of auto manufacturers closely reflected movements of unit production of autos and light trucks. In addition, profits were held down in the early part of the period by a change in the mix of sales from large to small cars, on which per-unit profits are lower. In 1980, however, a narrowing in the spread of prices per unit among car sizes mitigated the

Table 10.—Real Government Purchases of Goods and Services

	Billions of constant (1972) dollars, seasonally adjusted annual rates				Percent change from preceding quarter at annual rates		
	1980			1981	1980		1981
	II	III	IV	I	III	IV	I
Government purchases of goods and services	291.9	288.2	289.8	292.9	-5.0	2.2	4.3
Federal.....	110.7	106.9	107.4	110.6	-13.1	2.0	12.5
National defense.....	70.9	70.9	71.9	72.1	-.1	5.9	1.0
Nondefense.....	39.7	35.9	35.4	38.5	-33.1	-5.3	38.8
Commodity Credit Corporation.....	2.7	-1.9	-1.4	2.4	-----	-----	-----
Other.....	37.0	37.9	36.9	36.0	9.7	-10.1	-8.7
State and local.....	181.2	181.3	182.4	182.3	.3	2.3	C

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

[Billions of dollars]

	Seasonally adjusted at annual rates				Change from preceding quarter		
	1980			1981	1980		1981
	II	III	IV	I	III	IV	I
Receipts	520.9	540.8	573.1	n.a.	19.9	32.3	n.a.
Personal tax and nontax receipts.....	252.0	259.4	272.9	283.6	7.4	13.5	10.7
Corporate profits tax accruals.....	60.9	66.7	72.5	n.a.	5.8	5.8	n.a.
Indirect business tax and nontax accruals.....	38.7	42.9	49.1	60.3	4.2	6.2	11.2
Contributions for social insurance.....	169.3	171.8	178.6	198.9	2.5	6.8	20.3
Expenditures	587.3	615.0	641.1	660.3	27.7	26.1	19.2
Purchases of goods and services.....	198.7	194.9	212.0	219.6	-3.8	17.1	7.6
National defense.....	128.7	131.4	141.6	144.9	2.7	10.2	3.3
Nondefense.....	70.0	63.5	70.4	74.8	-6.5	6.9	4.4
Transfer payments.....	236.0	265.3	269.0	271.7	29.3	3.7	2.7
Grants-in-aid to State and local governments.....	87.2	87.7	91.8	88.8	.5	4.1	-3.0
Net interest paid.....	54.4	53.5	55.2	67.3	-.9	1.7	12.1
Subsidies less current surplus of government enterprises.....	11.0	13.7	13.1	12.8	2.7	-.6	-.3
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0
Surplus or deficit (-), national income and product accounts	-66.5	-74.2	-68.0	n.a.	-7.7	6.2	n.a.

n.a. Not available.

downward pressure on profits due to the mix change. Profits of nonelectrical machinery fell despite the increases in sales. Strong competition in the computer and computing equipment industries was a factor in the profits decline.

Within nondurable manufacturing, changes in food manufacturers' profits reflected, in addition to sales, fluctuations in raw food prices, which were sharp in 1979 and 1980. Large increases in these prices are usually accompanied by decreases in margins between raw food costs and manufactured food prices, and slowing price increases or decreases are usually accompanied by margin increases.

The pattern of petroleum manufacturers' profits reflected three factors. First, because corporations classified in petroleum manufacturing produce a major share of domestic crude oil, increasing crude oil prices—the result of increasing world oil prices and gradual decontrol of domestic crude oil prices—led to higher profits. Second, the windfall profits tax on domestic crude oil production, effective March 1, 1980, reduced profits. Although it is not possible precisely to allocate by industry the impact of the tax, much of it fell on corporations classified in petroleum manufacturing. This tax was about \$2 billion in the first quarter of 1980, \$9 billion in the second, \$12 billion in the third, and \$17 billion in the fourth. Third, during 1980, declining demand for petroleum products made it increasingly difficult for petroleum refiners to pass on to product prices the higher costs of crude oil. The resulting squeeze on margins held down profits.

Transportation profits decreased

Table 12.—Corporate Profits With Inventory Valuation Adjustment and Without Capital Consumption Adjustment in Manufacturing: Change From Preceding Quarter

[Billions of dollars; seasonally adjusted at annual rates]

	1979				1980			
	I	II	III	IV	I	II	III	IV
Manufacturing	5.8	-7.9	-7.1	-4.2	11.9	-30.8	7.2	7.7
Durable goods.....	3.2	-7.9	-8.2	-5.5	-1.2	-18.0	9.3	6.4
Primary metal industries.....	.6	-1	-2	-1.7	3.1	-3.9	-1.4	3.2
Fabricated metal products.....	.1	-3	-7	.3	.4	-3.5	2.1	.9
Machinery, except electrical.....	-1.0	-5	.4	-1.2	-7	-1.5	.5	-1
Electrical machinery.....	1.1	-7	-6	-1	.9	-2.8	1.7	-2
Motor vehicles.....	2.7	-5.2	-7.0	-5	-2.1	-5.9	4.0	4.1
Other.....	-4	-1.3	.1	-2.3	-2.8	-4	2.3	-1.4
Nondurable goods.....	2.6	0	1.1	1.3	13.1	-12.8	-2.1	1.3
Food and kindred products.....	-1	.9	-8	0	1.6	-1.5	-1.1	2.9
Paper and allied products.....	.7	-8	1.2	-1.4	.2	-9	.1	.2
Chemicals and allied products.....	0	-6	-1.0	-1.2	2.2	-2.8	1.1	1.1
Petroleum and coal products.....	1.2	1.9	.8	6.0	7.3	-5.8	-3.0	-2.4
Other.....	.9	-1.2	.8	-2.2	1.9	-1.5	.5	-6

Table 13.—Constant-Dollar Manufacturing Sales: Change From Preceding Quarter

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

	1979				1980			
	I	II	III	IV	I	II	III	IV
Manufacturing	10.8	-16.3	-0.2	-13.6	3.2	-71.8	16.2	31.3
Durable goods.....	7.1	-18.0	-4.9	-7.9	5.0	-53.0	12.4	26.7
Primary metal industries.....	-7	-4.4	.8	-1.8	.1	-11.8	2.2	6.5
Fabricated metal products.....	1.5	-2.3	-2	.5	.1	-7.8	1.2	5.6
Machinery, except electrical.....	.6	.6	2.2	.2	1.9	-4.4	2.0	2.4
Electrical machinery.....	3.7	-3	-2.1	.8	5.7	-4.7	-1.0	1.5
Motor vehicles.....	.1	-9.6	-8.0	-5.0	-3.0	-13.2	5.0	5.1
Other.....	2.0	-2.0	2.3	-2.6	.2	-11.2	3.0	5.6
Nondurable goods.....	3.7	1.7	4.7	-5.6	-1.8	-18.7	3.7	4.6
Food and kindred products.....	.1	1.3	1.8	-3	-1	-2	1.1	-2.7
Paper and allied products.....	.4	.3	.5	-1.7	.4	-2.0	.6	.3
Chemicals and allied products.....	3.0	-3	.8	.5	-1.7	-8.0	1.7	5.4
Petroleum and coal products.....	.1	-1.8	-1.6	-1.5	-1.2	-2.3	-9	1.6
Other.....	.1	2.2	3.2	-2.6	.8	-6.2	1.2	0

steadily from a peak in the third quarter of 1978 until the second quarter of 1980, and increased in the third and fourth quarters. Most of the decline was in airline profits. Rising fuel costs, declining revenue-passenger miles, and costs of opening new routes and competitive pressures under deregulation held down profits. Very large fare in-

creases began offsetting these negative factors in the fourth quarter of 1979, and airline profits increased in the third and fourth quarters of 1980. Decreases in motor freight profits, due to rapid increases in fuel costs and a large decrease in intercity truck tonnage, also contributed to the decreases in transportation profits.

National Income and Product Accounts Tables

The tables that follow are presented in eight groups, and the table numbers reflect these groups. The table numbers will also be used in future publications presenting national income and product account estimates. The groups are:

1. National product and income
2. Personal income and outlays
3. Government receipts and expenditures
4. Foreign transactions
5. Saving and investment
6. Product and income by industry
7. Implicit price deflators and price indexes
8. Supplementary table: Percent change from preceding period for selected items

The fixed-weighted and chain price indexes shown in tables 7.1-7.2 and 8.1 are revised for all periods. Revised estimates for earlier periods are available from the National Income and Wealth Division, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230. Corporate profits and related totals for the fourth quarter and year 1980 are revised.

The abbreviations used in the tables are:

CCAdj capital consumption adjustment
IVA inventory valuation adjustment
NIPA's national income and product accounts
P preliminary
r revised

	1979	1980	1979	1980					1981	1979	1980	1979	1980					1981		
			IV	I	II	III	IV	I P	IV			I	II	III	IV	I P				
			Seasonally adjusted at annual rates									Seasonally adjusted at annual rates								
			Billions of dollars									Billions of 1972 dollars								

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

Gross national product.....	2,413.9	2,626.1	2,496.3	2,571.7	2,564.8	2,637.3	2,730.6	2,826.8	1,483.0	1,480.7	1,490.6	1,501.9	1,463.3	1,471.9	1,485.6	1,509.2
Personal consumption expenditures.....	1,510.9	1,672.8	1,582.3	1,631.0	1,626.8	1,682.2	1,751.0	1,805.4	930.9	935.1	941.6	943.4	919.3	930.8	946.8	957.8
Durable goods.....	212.3	211.9	216.1	220.9	194.4	208.8	223.3	238.1	146.6	135.8	146.0	145.4	126.2	132.6	139.1	146.6
Nondurable goods.....	602.2	675.7	639.2	661.1	664.0	674.2	703.5	724.4	354.6	358.4	361.3	361.5	356.6	354.9	360.4	363.8
Services.....	696.3	785.2	727.0	749.0	768.4	799.2	824.2	842.8	429.6	440.9	434.3	436.5	436.5	443.3	447.3	447.4
Gross private domestic investment.....	415.8	395.3	410.0	415.6	390.9	377.1	397.7	423.1	232.6	203.6	221.5	218.3	200.5	195.3	200.5	206.6
Fixed investment.....	398.3	401.2	410.8	413.1	383.5	393.2	415.1	431.0	222.5	206.6	222.2	219.2	199.2	200.2	207.6	212.4
Nonresidential.....	279.7	296.0	290.2	297.8	289.8	294.0	302.1	314.7	163.3	158.4	164.1	165.0	156.1	155.6	157.0	161.7
Structures.....	96.3	108.8	105.1	108.2	108.4	107.3	111.5	116.2	48.5	48.4	50.7	50.5	48.7	46.8	47.8	49.1
Producers' durable equipment.....	183.4	187.1	185.1	189.7	181.4	186.8	190.7	198.5	114.8	110.0	113.5	114.5	107.4	108.8	109.3	112.6
Residential.....	118.6	105.3	120.6	115.2	93.6	99.2	113.0	116.3	59.1	48.1	58.1	54.2	43.1	44.7	50.6	50.7
Nonfarm structures.....	113.9	100.3	115.4	110.1	88.9	94.5	107.6	110.9	56.2	45.2	54.9	51.2	40.3	41.9	47.5	47.7
Farm structures.....	1.8	2.0	2.3	2.2	1.8	1.7	2.2	2.2	.9	.9	1.1	1.0	.8	.7	1.0	1.0
Producers' durable equipment.....	2.9	3.0	3.0	3.0	2.9	3.0	3.1	3.2	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.1
Change in business inventories.....	17.5	-5.9	-8	2.5	7.4	-16.0	-17.4	-7.9	10.2	-2.9	-7	-9	1.3	-5.0	-7.2	-5.7
Nonfarm.....	13.4	-4.7	-4.4	1.5	6.1	-12.3	-14.0	-5.9	7.8	-2.4	-2.7	-1.4	.6	-3.1	-5.6	-4.8
Farm.....	4.1	-1.2	3.6	1.0	1.3	-3.7	-3.4	-2.0	2.4	-5	2.0	.5	.7	-1.8	-1.5	-9
Net exports of goods and services.....	13.4	23.3	7.6	8.2	17.1	44.5	23.3	24.3	37.7	52.0	42.2	50.1	51.7	57.6	48.5	51.8
Exports.....	281.3	339.8	306.3	337.3	333.3	342.4	346.1	371.5	146.9	161.1	154.8	165.9	160.5	160.5	157.4	164.9
Imports.....	267.9	316.5	298.7	329.1	316.2	297.9	322.7	347.2	109.2	109.1	112.6	115.8	108.9	102.8	108.9	113.1
Government purchases of goods and services.....	473.8	534.7	496.4	516.8	530.0	533.5	558.6	574.1	281.8	290.0	285.3	290.1	291.9	288.2	289.8	292.9
Federal.....	167.9	198.9	178.1	190.0	198.7	194.9	212.0	219.6	101.7	108.1	103.1	107.6	110.7	106.9	107.4	110.6
National defense.....	111.2	131.7	118.7	125.0	128.7	131.4	141.6	144.9	67.1	70.9	68.3	69.9	70.9	70.9	71.9	72.1
Nondefense.....	56.7	67.2	59.4	64.9	70.0	63.5	70.4	74.8	34.6	37.2	34.8	37.7	39.7	35.9	35.4	38.5
State and local.....	305.9	335.8	318.3	326.8	331.3	338.6	346.6	354.5	180.1	180.9	182.2	182.5	181.2	181.3	182.4	182.3

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

Gross national product.....	2,413.9	2,626.1	2,496.3	2,571.7	2,564.8	2,637.3	2,730.6	2,826.8	1,483.0	1,480.7	1,490.6	1,501.9	1,463.3	1,471.9	1,485.6	1,509.2
Final sales.....	2,396.4	2,632.0	2,497.1	2,569.1	2,557.4	2,653.4	2,748.0	2,834.7	1,472.9	1,483.6	1,491.3	1,502.8	1,462.0	1,476.9	1,492.7	1,515.0
Change in business inventories.....	17.5	-5.9	-8	2.5	7.4	-16.0	-17.4	-7.9	10.2	-2.9	-7	-9	1.3	-5.0	-7.2	-5.7
Goods.....	1,055.9	1,130.4	1,078.3	1,116.9	1,106.4	1,129.4	1,169.0	1,225.2	674.5	665.2	673.3	682.1	658.1	657.5	662.9	683.6
Final sales.....	1,038.5	1,136.3	1,079.1	1,114.4	1,099.0	1,145.4	1,186.3	1,233.1	664.3	668.1	674.0	683.0	656.8	662.4	670.1	689.3
Change in business inventories.....	17.5	-5.9	-8	2.5	7.4	-16.0	-17.4	-7.9	10.2	-2.9	-7	-9	1.3	-5.0	-7.2	-5.7
Durable goods.....	451.2	458.6	448.1	456.4	444.6	456.5	476.7	489.7	296.9	279.4	289.6	290.6	270.8	274.6	281.8	285.7
Final sales.....	439.7	462.6	448.4	468.2	441.3	464.9	476.0	503.9	290.2	281.3	289.9	295.2	270.1	278.4	281.5	293.2
Change in business inventories.....	11.5	-4.0	-4	-11.8	3.3	-8.4	-7	-14.2	6.7	-1.9	-3	-4.6	.7	-3.8	.3	-7.4
Nondurable goods.....	604.7	671.9	630.3	660.5	661.8	672.9	692.2	735.5	377.5	385.7	383.7	391.4	387.3	382.9	381.1	397.8
Final sales.....	598.8	673.7	630.7	646.2	657.7	680.5	710.3	729.2	374.1	386.8	384.1	387.7	386.7	384.0	388.6	396.1
Change in business inventories.....	6.0	-1.8	-5	14.3	4.1	-7.7	-18.1	6.3	3.5	-1.1	-4	3.7	.6	-1.1	-7.5	1.7
Services.....	1,097.2	1,229.6	1,142.8	1,178.6	1,205.6	1,249.0	1,285.3	1,314.7	678.0	695.7	684.9	690.7	690.6	699.9	701.7	702.7
Structures.....	260.8	266.0	275.1	276.2	252.8	258.9	276.4	287.0	130.6	119.3	132.4	129.1	114.6	114.5	121.0	123.0
Addenda:																
Gross domestic purchases ¹	2,400.5	2,602.8	2,488.7	2,563.5	2,547.7	2,592.8	2,707.3	2,802.6	1,445.3	1,428.7	1,448.4	1,451.8	1,411.6	1,414.3	1,437.1	1,457.4
Final sales to domestic purchasers ¹	2,383.0	2,608.7	2,489.5	2,560.9	2,540.3	2,608.8	2,724.6	2,810.5	1,435.1	1,431.7	1,449.1	1,452.7	1,410.4	1,419.2	1,444.2	1,463.1

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

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

	1979	1980	1979	1980				1981	1979	1980	1979	1980				1981		
			IV	I	II	III	IV	I ^a			IV	I	II	III	IV	I ^a		
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates							
			Billions of dollars								Billions of 1972 dollars							
Gross national product.....	2,413.9	2,626.1	2,496.3	2,571.7	2,564.8	2,637.3	2,730.6	2,826.8	1,483.0	1,480.7	1,490.6	1,501.9	1,463.3	1,471.9	1,485.6	1,509.2		
Gross domestic product.....	2,370.1	2,576.5	2,449.7	2,520.2	2,516.7	2,586.9	2,682.0	2,774.8	1,455.9	1,452.4	1,462.4	1,471.5	1,435.5	1,443.4	1,458.9	1,481.2		
Business.....	2,046.3	2,221.2	2,113.9	2,176.9	2,168.4	2,230.0	2,311.4	2,395.0	1,258.3	1,251.8	1,263.6	1,271.9	1,235.2	1,242.3	1,257.5	1,279.2		
Nonfarm.....	1,974.1	2,153.7	2,043.6	2,106.4	2,100.8	2,159.1	2,248.6	2,334.1	1,222.1	1,216.8	1,228.2	1,233.3	1,198.5	1,207.6	1,227.9	1,249.3		
Nonfarm less housing.....	1,786.0	1,940.9	1,846.3	1,903.6	1,891.7	1,943.1	2,025.3	2,104.3	1,094.8	1,084.5	1,099.1	1,103.0	1,066.8	1,074.6	1,093.7	1,113.7		
Housing.....	188.1	212.8	197.3	202.8	209.1	216.0	223.3	229.8	127.3	132.3	129.1	130.3	131.7	133.0	134.2	135.5		
Farm.....	70.0	68.1	71.0	67.7	67.5	67.9	69.4	67.5	34.9	35.3	35.8	37.0	37.8	33.1	33.2	33.4		
Statistical discrepancy.....	2.2	-7	-7	2.8	-1.9	3.0	-6.6	-6.6	1.4	-4	-4	1.6	-1.1	1.7	-3.6	-3.5		
Households and institutions.....	75.7	85.9	79.4	82.1	84.4	86.9	90.4	94.0	43.7	45.4	44.4	44.8	44.9	45.6	46.1	46.7		
Private households.....	6.4	6.7	6.6	6.6	6.7	6.7	6.9	7.1	3.5	3.5	3.6	3.5	3.5	3.4	3.4	3.5		
Nonprofit institutions.....	69.3	79.2	72.8	75.5	77.7	80.2	83.5	86.9	40.2	41.9	40.8	41.3	41.5	42.1	42.7	43.3		
Government.....	248.1	269.3	256.4	261.2	265.9	269.9	280.3	285.8	153.9	155.2	154.5	154.8	155.4	155.5	155.3	155.3		
Federal.....	75.8	81.9	79.0	79.6	80.5	80.7	87.1	87.9	49.0	49.2	48.9	49.0	49.4	49.4	48.9	48.9		
State and local.....	172.3	187.4	177.3	181.6	185.4	189.3	193.3	197.9	104.9	106.0	105.6	105.8	105.9	106.1	106.3	106.4		
Rest of the world.....	43.8	49.7	46.6	51.5	48.1	50.5	48.6	52.0	27.2	28.3	28.1	30.4	27.8	28.5	26.7	28.0		
Addendum:																		
Gross domestic business product less housing.....	1,858.2	2,008.4	1,916.6	1,974.1	1,957.3	2,014.0	2,088.0	2,165.2	1,131.0	1,119.5	1,134.4	1,141.6	1,103.5	1,109.4	1,123.3	1,143.6		

	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I ^a	
			Seasonally adjusted at annual rates						
			Billions of dollars						

	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I ^a	
Seasonally adjusted at annual rates									
Billions of dollars									

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

Gross national product.....	2,413.9	2,626.1	2,496.3	2,571.7	2,564.8	2,637.3	2,730.6	2,826.8
Less: Capital consumption allowances with CCAdj.....	253.6	287.3	265.1	274.6	283.7	291.8	298.9	306.5
Capital consumption allowances.....	199.2	224.1	208.1	215.6	220.3	226.9	233.7	240.9
Less: CCAdj.....	-54.5	-63.1	-57.0	-59.0	-63.4	-64.9	-65.2	-65.6
Equals: Net national product.....	2,160.3	2,338.9	2,231.2	2,297.1	2,281.1	2,345.5	2,431.7	2,520.3
Less: Indirect business tax and nontax liability.....	188.4	212.3	193.5	198.9	206.3	215.8	228.0	245.9
Business transfer payments.....	9.4	10.5	9.8	10.1	10.3	10.6	10.9	11.2
Statistical discrepancy.....	2.2	-7	-7	2.8	-1.9	3.0	-6.6	-
Plus: Subsidies less current surplus of government enterprises.....	3.1	4.6	2.7	3.1	3.7	6.3	5.4	4.9
Equals: National income.....	1,963.3	2,121.4	2,031.3	2,088.5	2,070.0	2,122.4	2,204.8	-
Less: Corporate profits with IVA and CCAdj.....	196.8	182.7	189.4	200.2	169.3	177.9	183.3	-
Net interest.....	143.4	179.8	156.5	165.4	175.3	185.3	193.3	200.8
Contributions for social insurance.....	187.1	203.7	192.2	198.8	199.5	204.1	212.3	233.7
Wage accruals less disbursements.....	-2.0	0	-2	-2	0	-5	-5	0
Plus: Government transfer payments to persons.....	239.9	283.8	253.3	261.6	270.3	300.1	303.1	307.9
Personal interest income.....	209.6	256.3	225.7	239.9	253.6	261.8	269.7	288.4
Personal dividend income.....	48.6	54.4	50.1	52.4	54.2	55.1	56.1	58.0
Business transfer payments.....	9.4	10.5	9.8	10.1	10.3	10.6	10.9	11.2
Equals: Personal income.....	1,943.8	2,160.2	2,032.0	2,088.2	2,114.5	2,182.1	2,256.2	2,317.7

Billions of 1972 dollars

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

Gross national product.....	1,483.0	1,480.7	1,490.6	1,501.9	1,463.3	1,471.9	1,485.6	1,509.2
Less: Capital consumption allowances with CCAdj.....	141.6	147.5	144.1	145.9	146.6	147.9	149.5	151.2
Equals: Net national product.....	1,341.4	1,333.2	1,346.5	1,356.0	1,316.6	1,324.0	1,336.1	1,358.1
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	143.5	149.0	145.7	147.5	147.2	149.2	151.9	153.0
Statistical discrepancy.....	1.4	-4	-4	1.6	-1.1	1.7	-3.6	-
Equals: National income.....	1,196.5	1,184.6	1,201.2	1,206.9	1,170.6	1,173.1	1,187.8	-

Table 1.11.—National Income by Type of Income

National income.....	1,963.3	2,121.4	2,031.3	2,088.5	2,070.0	2,122.4	2,204.8	-
Compensation of employees.....	1,460.9	1,596.5	1,518.1	1,558.0	1,569.0	1,597.4	1,661.8	1,721.8
Wages and salaries.....	1,235.9	1,343.6	1,282.4	1,314.5	1,320.4	1,342.3	1,397.3	1,442.3
Government and government enterprises.....	235.9	253.6	243.3	246.7	250.5	253.9	263.3	267.0
Other.....	1,000.0	1,090.0	1,039.1	1,067.9	1,069.9	1,088.4	1,134.0	1,175.3
Supplements to wages and salaries.....	225.0	252.9	235.7	243.5	248.6	255.0	264.5	279.5
Employer contributions for social insurance.....	106.4	115.8	109.8	112.6	113.6	116.0	121.0	131.5
Other labor income.....	118.6	137.1	126.0	130.9	135.1	139.1	143.5	148.0
Proprietors' income with IVA and CCAdj.....	131.6	130.6	136.3	133.7	124.9	129.7	134.0	131.4
Farm.....	30.8	23.4	29.5	25.7	23.3	22.1	22.5	19.0
Proprietors' income with IVA.....	36.6	30.3	35.7	32.3	30.2	29.0	29.6	26.2
CCAdj.....	-5.8	-6.9	-6.2	-6.5	-6.9	-6.9	-7.2	-7.2
Nonfarm.....	100.7	107.2	106.8	107.9	101.6	107.6	111.6	112.4
Proprietors' income.....	105.2	112.7	112.2	114.8	105.5	113.1	117.5	117.1
IVA.....	-3.4	-3.7	-4.0	-5.3	-2.0	-3.5	-4.0	-2.8
CCAdj.....	-1.0	-1.9	-1.5	-1.6	-1.9	-2.0	-2.0	-1.9
Rental income of persons with CCAdj.....	30.5	31.8	31.0	31.2	31.5	32.0	32.4	32.7
Rental income of persons.....	58.9	64.9	61.4	62.9	64.5	65.9	66.4	68.2
CCAdj.....	-28.3	-33.1	-30.4	-31.6	-33.0	-33.9	-33.9	-35.5
Corporate profits with IVA and CCAdj.....	196.8	182.7	189.4	200.2	169.3	177.9	183.3	-
Corporate profits with IVA.....	212.7	199.8	204.5	215.6	186.9	195.9	201.0	-
Profits before tax.....	255.4	245.5	255.4	277.1	217.9	237.6	249.5	-
Profits tax liability.....	87.6	82.3	87.2	94.2	71.5	78.5	85.2	-
Profits after tax.....	167.8	163.2	168.2	182.9	146.5	159.1	164.3	-
Dividends.....	50.2	56.0	51.6	53.9	55.7	56.7	57.7	59.6
Undistributed profits.....	117.6	107.2	116.6	128.9	90.7	102.4	106.6	-
IVA.....	-42.6	-45.7	-50.8	-61.4	-31.1	-41.7	-48.4	-38.4
CCAdj.....	-15.9	-17.2	-15.1	-15.4	-17.6	-17.9	-17.8	-16.9
Net interest.....	143.4	179.8	156.5	165.4	175.3	185.3	193.3	200.8
Addenda:								
Corporate profits after tax with IVA and CCAdj.....	109.2	100.3	102.2	106.0	97.8	99.5	98.1	-
Dividends.....	50.2	56.0	51.6	53.9	55.7	56.7	57.7	59.6
Undistributed profits with IVA and CCAdj.....	59.1	44.3	50.6	52.1	42.1	42.8	40.4	-

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

	1980								1981							
			1979								1979					
			1979		1980						1979		1980			
	1979	1980	IV	I	II	III	IV	I ^p	1979	1980	IV	I	II	III	IV	I ^p
Seasonally adjusted at annual rates																
Billions of dollars																
Gross domestic product of corporate business.....	1,494.9	1,616.5	1,539.8	1,584.0	1,576.7	1,617.5	1,688.0	-----	Net domestic product.....	1,269.5	1,369.3	1,304.8	1,343.9	1,332.7	1,369.1	1,431.7
Capital consumption allowances with CCAdj.....	155.4	175.4	161.5	167.1	173.0	178.4	183.2	187.5	Indirect business tax and nontax liability plus business transfer payments less subsidies.....	133.6	152.5	137.3	141.7	147.7	155.4	165.1
Net domestic product.....	1,339.5	1,441.1	1,378.3	1,416.9	1,403.7	1,439.0	1,504.8	-----	Domestic income.....	1,135.9	1,216.9	1,167.5	1,202.3	1,185.0	1,213.6	1,266.6
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	139.6	159.3	143.5	148.1	154.4	162.4	172.5	187.9	Compensation of employees.....	954.0	1,037.2	991.1	1,017.3	1,018.0	1,034.8	1,078.5
Domestic income.....	1,199.8	1,281.8	1,234.8	1,268.9	1,249.3	1,276.6	1,332.4	-----	Wages and salaries.....	798.9	864.2	828.4	849.9	847.9	860.9	898.2
Compensation of employees.....	1,011.5	1,103.1	1,051.4	1,079.9	1,083.0	1,101.7	1,147.8	1,192.8	Supplements to wages and salaries.....	155.2	172.9	162.7	167.4	170.1	173.9	180.4
Wages and salaries.....	845.9	917.9	877.8	901.1	900.8	915.2	954.6	988.7	Corporate profits with IVA and CCAdj.....	136.7	123.6	127.3	132.6	112.5	121.2	128.2
Supplements to wages and salaries.....	165.6	185.2	173.6	178.8	182.2	186.4	193.2	204.1	Profits before tax.....	193.4	183.8	191.1	207.2	158.6	177.9	191.3
Corporate profits with IVA and CCAdj.....	166.5	151.5	157.7	163.6	140.0	147.0	155.6	-----	Profits tax liability.....	69.7	63.1	68.4	74.3	52.0	60.3	65.9
Profits before tax.....	225.0	214.4	223.7	240.4	188.6	206.7	221.8	-----	Profits after tax.....	123.7	120.6	122.7	132.9	106.6	117.6	125.4
Profits tax liability.....	87.6	82.3	87.2	94.2	71.5	78.5	85.2	-----	Dividends.....	37.3	40.4	38.2	36.9	41.1	40.8	42.7
Profits after tax.....	137.4	132.0	136.5	146.2	117.1	128.2	136.6	-----	Undistributed profits.....	86.3	80.3	84.5	96.0	65.5	76.8	82.7
Dividends.....	34.9	37.4	35.3	34.3	37.9	37.9	39.5	40.5	IVA.....	-42.6	-45.7	-50.8	-61.4	-31.1	-41.7	-48.4
Undistributed profits.....	102.5	94.6	101.2	112.0	79.3	90.3	97.1	-----	CCAdj.....	-14.1	-14.4	-13.0	-13.1	-14.9	-15.0	-14.7
IVA.....	-42.6	-45.7	-50.8	-61.4	-31.1	-41.7	-48.4	-38.4	Net interest.....	45.2	56.1	49.1	52.3	54.4	57.6	59.9
CCAdj.....	-15.9	-17.2	-15.1	-15.4	-17.6	-17.9	-17.8	-16.9	Billions of 1972 dollars							
Net interest.....	21.9	27.2	25.6	25.3	26.3	27.9	29.0	29.9	Gross domestic product of nonfinancial corporate business.....	873.3	867.2	873.4	878.2	853.2	860.4	876.9
Gross domestic product of financial corporate business.....	77.9	81.3	82.0	82.0	80.4	79.7	83.3	-----	Capital consumption allowances with CCAdj.....	84.6	88.1	86.1	87.1	87.6	88.5	89.4
Gross domestic product of nonfinancial corporate business.....	1,417.0	1,535.2	1,457.7	1,502.1	1,496.3	1,537.7	1,604.7	-----	Net domestic product.....	788.7	779.0	787.3	791.2	765.7	771.9	787.5
Capital consumption allowances with CCAdj.....	147.5	165.9	152.9	158.2	163.6	168.6	173.0	177.1	Indirect business tax and nontax liability plus business transfer payments less subsidies.....	92.7	95.4	93.9	94.9	94.1	95.3	97.2
									Domestic income.....	696.0	683.6	693.5	696.2	671.6	676.6	690.3

	1980								1981							
			1979								1979					
			1979		1980						1979		1980			
	1979	1980	IV	I	II	III	IV	I ^p	1979	1980	IV	I	II	III	IV	I ^p
Seasonally adjusted at annual rates																
Billions of dollars																
Billions of 1972 dollars																

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

Auto output.....	68.0	60.2	61.8	64.4	53.6	54.3	68.8	63.9	46.8	38.6	41.4	42.5	34.6	34.6	42.8	40.2
Final sales.....	69.2	62.2	65.7	73.8	51.5	57.8	65.5	76.6	47.3	39.9	44.1	48.3	33.5	36.8	40.9	47.5
Personal consumption expenditures.....	65.3	61.8	64.2	71.6	50.7	58.7	66.1	75.3	41.3	36.5	39.9	43.7	30.4	34.3	37.5	42.5
New autos.....	49.4	46.2	48.5	54.8	36.8	44.3	48.8	56.8	33.1	28.6	31.8	35.0	22.9	26.9	29.7	34.6
Net purchases of used autos.....	15.9	15.6	15.7	16.9	13.9	14.4	17.3	18.5	8.2	7.8	8.1	8.7	7.5	7.4	7.8	8.0
Producers' durable equipment.....	13.2	12.4	11.2	12.9	11.0	13.3	12.5	13.6	9.9	8.5	8.2	9.1	7.3	8.6	8.9	10.0
New autos.....	22.2	21.2	19.5	22.2	18.3	21.9	22.4	25.0	14.9	13.2	12.8	14.2	11.4	13.4	13.6	15.2
Net purchases of used autos.....	-9.1	-8.8	-8.3	-9.4	-7.3	-8.7	-9.9	-11.5	-5.0	-4.7	-4.6	-5.1	-4.1	-4.8	-4.7	-5.2
Net exports.....	-10.1	-12.9	-10.5	-11.5	-10.9	-15.1	-13.9	-13.1	-4.4	-5.5	-4.5	-5.0	-4.6	-6.6	-6.0	-5.4
Exports.....	4.7	4.0	4.9	4.8	3.9	3.4	3.9	4.1	3.1	2.4	3.2	3.1	2.4	1.8	2.4	2.5
Imports.....	14.8	16.8	15.4	16.3	14.8	18.4	17.8	17.2	7.6	8.0	7.7	8.1	7.1	8.4	8.3	7.9
Government purchases.....	.8	.8	.8	.8	.8	.8	.8	.8	.6	.5	.5	.5	.5	.5	.5	.5
Change in business inventories.....	-1.2	-1.9	-3.9	-9.5	2.0	-3.5	3.2	-12.6	-5	-1.3	-2.7	-5.8	1.0	-2.2	1.9	-7.3
New.....	-1.0	-1.3	-3.3	-8.3	3.4	-3.8	3.5	-13.5	-4	-9	-2.4	-5.2	1.8	-2.4	2.1	-7.7
Used.....	-2	-6	-6	-1.2	-1.4	.4	-3	.8	-1	-3	-3	-6	-8	.2	-1	.4
Addenda:																
Domestic output of new autos ¹	57.8	48.8	50.1	51.6	43.0	45.3	55.4	50.3	38.7	30.2	32.8	33.0	26.8	27.3	33.7	30.6
Sales of imported new autos ²	19.4	21.7	19.8	24.3	18.2	21.2	23.2	25.7	12.9	13.5	13.0	15.6	11.4	12.9	14.1	15.6

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

Truck output ¹	37.8	25.7	32.6	28.0	23.8	23.2	27.7	26.8	22.3	13.8	19.0	15.7	12.8	12.2	14.3	13.5
Final sales.....	37.7	27.8	36.4	30.9	26.1	27.5	26.8	27.3	22.3	14.9	21.0	17.3	14.1	14.5	13.7	13.7
Personal consumption expenditures.....	11.4	7.9	11.4	9.1	7.3	7.9	7.5	7.8	7.6	4.9	7.5	5.8	4.5	4.8	4.5	4.7
Producers' durable equipment.....	23.7	17.6	22.0	19.4	16.1	18.0	16.8	16.8	13.3	9.1	12.1	10.4	8.4	9.1	8.2	8.0
Net exports.....	-4	-1.1	-1	-8	-7	-1.9	-1.0	-9	-4	-8	-3	-6	-6	-1.2	-7	-7
Exports.....	3.3	3.1	3.5	3.0	2.9	3.1	3.3	3.5	1.9	1.6	2.0	1.6	1.5	1.6	1.6	1.7
Imports.....	3.8	4.1	3.7	3.7	3.5	5.0	4.3	4.3	2.3	2.3	2.2	2.2	2.1	2.8	2.3	2.3
Government purchases.....	3.0	3.3	3.1	3.2	3.3	3.4	3.5	3.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Change in business inventories.....	.1	-2.1	-3.8	-2.9	-2.2	-4.3	.9	-5	.1	-1.2	-2.1	-1.6	-1.3	-2.2	.5	-2

Table 1.14-1.15:

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

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

Table 1.16-1.17:

1. Includes new trucks only.

	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I	
			Seasonally adjusted at annual rates						
			Billions of dollars						

Table 2.1.—Personal Income and Its Disposition

Personal income.....	1,943.8	2,160.2	2,032.0	2,088.2	2,114.5	2,182.1	2,256.2	2,317.7
Wage and salary disbursements.....	1,236.1	1,343.7	1,282.2	1,314.7	1,320.4	1,341.8	1,397.8	1,442.3
Commodity-producing industries.....	437.9	465.4	450.4	461.7	456.0	460.1	484.0	501.1
Manufacturing.....	333.4	350.7	340.4	347.9	343.2	346.7	364.0	377.0
Distributive industries.....	303.0	328.9	315.0	322.6	323.2	329.2	340.6	351.4
Service industries.....	259.2	295.7	273.7	283.6	290.8	298.7	310.0	322.8
Government and government enterprises.....	236.1	253.6	243.1	246.8	250.5	253.9	263.3	267.0
Other labor income.....	118.6	137.1	126.0	130.9	135.1	139.1	143.5	148.0
Proprietors' income with IVA and CCAdj.....	131.6	130.6	136.3	133.7	124.9	129.7	134.0	131.4
Farm.....	30.8	23.4	29.5	25.7	23.3	22.1	22.5	19.0
Nonfarm.....	100.7	107.2	106.8	107.9	101.6	107.6	111.6	112.4
Rental income of persons with CCAdj.....	30.5	31.8	31.0	31.2	31.5	32.0	32.4	32.7
Personal dividend income.....	48.6	54.4	50.1	52.4	54.2	55.1	56.1	58.0
Personal interest income.....	209.6	256.3	225.7	239.9	253.6	261.8	269.7	288.4
Transfer payments.....	249.4	294.2	263.1	271.7	280.7	310.7	313.9	319.1
Old-age, survivors, disability, and health insurance benefits.....	131.8	153.8	139.3	142.0	144.7	163.2	165.3	169.2
Government unemployment insurance benefits.....	9.8	16.0	10.6	11.4	16.0	19.0	17.5	15.4
Veterans benefits.....	14.4	15.0	14.6	14.8	14.6	14.9	15.5	15.8
Government employees retirement benefits.....	37.0	42.8	39.2	40.2	42.3	43.1	45.7	46.7
Other transfer payments.....	56.4	66.7	59.3	63.3	63.0	70.5	69.9	72.0
Aid to families with dependent children.....	11.0	12.4	11.5	11.7	12.0	12.8	13.1	13.3
Other.....	45.4	54.3	47.8	51.6	51.0	57.7	56.8	58.6
Less: Personal contributions for social insurance.....	80.6	87.9	82.4	86.2	85.9	88.1	91.2	102.2
Less: Personal tax and nontax payments.....	302.0	338.5	321.8	323.1	330.3	341.5	359.2	372.2
Equals: Disposable personal income.....	1,641.7	1,821.7	1,710.1	1,765.1	1,784.1	1,840.6	1,897.0	1,945.5
Less: Personal outlays.....	1,555.5	1,720.4	1,629.4	1,678.7	1,674.1	1,729.2	1,799.4	1,854.2
Personal consumption expenditures.....	1,510.9	1,672.8	1,582.3	1,631.0	1,626.8	1,682.2	1,751.0	1,805.4
Interest paid by consumers to business.....	43.7	46.4	45.8	46.7	46.3	46.0	46.8	47.8
Personal transfer payments to foreigners (net).....	1.0	1.2	1.3	1.0	1.0	1.0	1.6	1.1
Equals: Personal saving.....	86.2	101.3	80.7	86.4	110.0	111.4	97.6	91.3
Addenda:								
Disposable personal income: Total, billions of 1972 dollars.....	1,011.5	1,018.4	1,017.7	1,021.0	1,008.2	1,018.5	1,025.8	1,032.2
Per capita:								
Current dollars.....	7,441	8,176	7,722	7,953	8,020	8,249	8,479	8,679
1972 dollars.....	4,584	4,571	4,596	4,600	4,532	4,565	4,585	4,604
Population (millions).....	220.6	222.8	221.5	221.9	222.4	223.1	223.7	224.2
Personal saving as percentage of disposable personal income.....	5.2	5.6	4.7	4.9	6.2	6.1	5.1	4.7

Table 3.14:

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

	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I	
			Seasonally adjusted at annual rates						
			Billions of dollars						

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

Personal consumption expenditures.....	1,510.9	1,672.8	1,582.3	1,631.0	1,626.8	1,682.2	1,751.0	1,805.4
Durable goods.....	212.3	211.9	216.1	220.9	194.4	208.8	223.3	238.1
Motor vehicles and parts.....	95.5	89.9	95.4	100.6	77.5	87.0	94.6	105.2
Furniture and household equipment.....	81.1	84.6	83.8	83.6	81.3	84.6	88.9	92.2
Other.....	35.8	37.3	37.0	36.8	35.6	37.2	39.8	40.7
Nondurable goods.....	602.2	675.7	639.2	661.1	664.0	674.2	703.5	724.4
Food.....	312.1	345.7	329.0	336.2	338.4	347.7	360.4	370.0
Clothing and shoes.....	98.9	104.8	102.5	102.2	102.3	105.3	109.4	113.2
Gasoline and oil.....	68.4	89.0	77.6	89.4	90.9	85.3	90.5	94.8
Other nondurable goods.....	122.9	136.2	130.0	133.3	132.4	136.0	143.3	146.5
Fuel oil and coal.....	16.0	19.8	18.1	18.8	19.2	20.7	20.5	18.7
Other.....	106.9	116.4	111.8	114.5	113.1	115.3	122.7	127.8
Services.....	696.3	785.2	727.0	749.0	768.4	799.2	824.2	842.8
Housing.....	241.9	272.0	253.0	259.8	267.3	275.7	285.3	293.4
Household operation.....	98.7	111.6	102.7	104.2	109.3	116.1	116.9	118.4
Electricity and gas.....	47.3	55.7	49.8	50.0	54.5	59.3	58.8	56.8
Other.....	51.3	56.0	52.9	54.2	54.8	56.8	58.2	59.7
Transportation.....	57.2	64.1	59.9	61.4	61.6	65.8	67.5	68.0
Other.....	298.5	337.5	311.4	323.7	330.2	341.5	354.5	364.9
Billions of 1972 dollars								
Personal consumption expenditures.....	930.9	935.1	941.6	943.4	919.3	930.8	946.8	957.8
Durable goods.....	146.6	135.8	146.0	145.4	126.2	132.6	139.1	146.6
Motor vehicles and parts.....	61.7	53.8	60.3	62.1	47.0	51.5	54.6	60.4
Furniture and household equipment.....	59.8	58.9	60.7	59.6	57.0	58.4	60.7	62.0
Other.....	25.1	23.1	25.0	23.8	22.2	22.6	23.8	24.2
Nondurable goods.....	354.6	358.4	361.3	361.5	356.6	354.9	360.4	363.8
Food.....	176.7	181.5	181.3	183.6	182.2	180.1	179.9	181.1
Clothing and shoes.....	76.6	78.0	78.4	76.9	76.7	78.3	80.1	82.9
Gasoline and oil.....	28.1	26.2	27.2	27.0	26.4	25.2	26.3	25.2
Other nondurable goods.....	73.2	72.6	74.4	73.9	71.2	71.4	74.1	74.6
Fuel oil and coal.....	4.7	4.2	4.5	4.2	4.1	4.3	4.2	3.3
Other.....	68.5	68.4	69.9	69.7	67.2	67.0	69.8	71.3
Services.....	429.6	440.9	434.3	436.5	436.5	443.3	447.3	447.4
Housing.....	159.3	164.2	160.9	162.1	163.5	164.8	166.5	168.0
Household operation.....	59.6	61.5	60.1	60.0	61.3	62.6	62.1	60.7
Electricity and gas.....	23.1	23.3	23.0	22.3	23.1	24.1	23.4	21.8
Other.....	36.5	38.3	37.1	37.7	38.2	38.4	38.7	38.8
Transportation.....	35.5	34.8	35.5	35.2	34.1	34.7	35.1	35.1
Other.....	175.2	180.4	177.7	179.2	177.7	181.2	183.6	183.7
Billions of dollars								

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

Receipts.....	40.2	45.1	42.1	42.9	43.6	46.0	47.8	49.4
Contributions for social insurance.....	28.1	31.5	29.2	29.6	30.2	32.3	33.7	34.8
Personal contribution.....	7.5	7.7	7.7	7.5	7.0	8.1	8.4	8.6
Employer contributions.....	20.7	23.8	21.5	22.2	23.2	24.3	25.3	26.3
Government and government enterprises.....	18.3	21.0	19.0	19.6	20.5	21.4	22.4	23.2
Other.....	2.4	2.8	2.5	2.6	2.7	2.8	2.9	3.0
Interest and dividends received.....	12.1	13.6	12.9	13.3	13.4	13.7	14.1	14.6
Expenditures.....	16.4	18.2	17.1	17.6	17.9	18.3	18.8	19.2
Administrative expenses (purchases of goods and services).....	.5	.6	.5	.5	.5	.6	.6	.6
Transfer payments to persons.....	15.9	17.6	16.6	17.0	17.4	17.8	18.2	18.6
Surplus or deficit (—).....	23.9	26.9	25.0	25.3	25.7	27.7	29.0	30.2

Table 3.2.—Federal Government Receipts and Expenditures

	1979	1980	1979					1980					1981	
			IV	I	II	III	IV	I*	II*					
Seasonally adjusted at annual rates														
Billions of dollars														
Receipts.....	494.4	540.8	514.0	528.4	520.9	540.8	573.2	588.6	603.6	618.6	633.6			
Personal tax and nontax receipts.....	231.4	257.8	247.1	246.9	252.0	259.4	272.9	283.6	294.9	306.2	317.5			
Income taxes.....	225.7	251.0	241.0	240.7	245.2	252.3	265.9	276.7	287.9	299.1	310.3			
Estate and gift taxes.....	5.5	6.6	5.9	6.0	6.7	6.9	6.8	6.7	6.7	6.7	6.7			
Nontaxes.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2			
Corporate profits tax accruals..	74.6	70.2	74.3	80.5	60.9	66.7	72.6	78.5	84.4	90.3	96.2			
Indirect business tax and non-tax accruals.....	29.4	40.6	29.6	31.9	38.7	42.9	49.1	60.3	71.5	82.7	93.9			
Excise taxes.....	18.6	29.1	18.6	20.9	27.9	31.4	36.1	47.8	59.0	70.2	81.4			
Customs duties.....	7.5	7.2	7.4	7.2	6.8	7.3	7.3	7.5	7.5	7.5	7.5			
Nontaxes.....	3.4	4.4	3.6	3.8	4.0	4.2	5.6	5.0	5.0	5.0	5.0			
Contributions for social insurance.....	159.0	172.2	163.0	169.2	169.3	171.8	178.6	198.9	209.1	219.3	229.5			
Expenditures.....	509.2	602.0	538.6	564.7	587.3	615.0	641.1	660.3	679.5	698.7	717.9			
Purchases of goods and services.....	167.9	198.9	178.1	190.0	198.7	194.9	212.0	219.6	227.2	234.8	242.4			
National defense.....	111.2	131.7	118.7	125.0	128.7	131.4	141.6	144.9	155.1	160.3	165.5			
Nondefense.....	56.7	67.2	59.4	64.9	70.0	63.5	70.4	74.8	82.1	87.3	92.5			
Transfer payments.....	209.1	249.8	221.7	228.9	236.0	265.3	269.0	271.7	281.9	292.1	297.3			
To persons.....	204.9	244.9	216.8	224.4	232.2	260.4	262.6	266.7	276.9	287.1	292.3			
To foreigners.....	4.2	4.9	4.9	4.5	3.8	4.9	6.4	5.0	5.0	5.0	5.0			
Grants-in-aid to State and local governments.....	80.4	88.0	84.9	85.5	87.2	87.7	91.8	88.8	92.9	97.0	101.1			
Net interest paid.....	42.3	53.3	44.4	50.3	54.4	53.5	55.2	67.3	78.5	89.7	100.9			
Interest paid.....	53.6	67.5	56.8	63.1	68.0	68.2	70.8	84.0	95.2	106.4	117.6			
To persons and business.....	42.6	55.0	45.5	50.9	56.3	56.3	56.7	68.2	79.4	90.6	101.8			
To foreigners.....	11.1	12.5	11.3	12.2	11.7	11.9	14.1	15.8	16.0	16.1	16.2			
Less: Interest received.....	11.3	14.2	12.4	12.8	13.6	14.8	15.6	16.6	16.6	16.6	16.6			
Subsidies less current surplus of government enterprises.....	9.4	12.0	9.5	10.1	11.0	13.7	13.1	12.8	12.8	12.8	12.8			
Subsidies.....	9.3	10.7	9.8	10.0	10.3	10.7	11.6	12.1	12.1	12.1	12.1			
Less: Current surplus of government enterprises.....	-.1	-1.3	.3	-.1	-.6	-3.1	-1.4	-.8	-.8	-.8	-.8			
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0	0	0	0	0			
Surplus or deficit (-), NIPA's.....	-14.8	-61.2	-24.5	-36.3	-66.5	-74.2	-67.9	-.8	-.8	-.8	-.8			
Social insurance funds.....	3.2	-14.2	-2.1	.4	-7.8	-27.1	-22.2	-3.9	-3.9	-3.9	-3.9			
Other.....	-18.1	-47.0	-22.4	-36.7	-58.6	-47.1	-45.8	-.8	-.8	-.8	-.8			

Table 3.3.—State and Local Government Receipts and Expenditures

	1979	1980	1979	1980				1981
			IV	I	II	III	IV	I*
Seasonally adjusted at annual rates								
Billions of dollars								
Receipts.....	351.2	384.0	365.6	372.1	373.9	386.8	403.4	-----
Personal tax and nontax receipts.....	70.6	80.7	74.7	76.2	78.3	82.1	86.3	88.7
Income taxes.....	38.8	44.9	41.3	41.8	43.0	45.8	49.1	50.4
Nontaxes.....	24.5	27.9	25.9	26.7	27.5	28.3	29.0	24.8
Other.....	7.4	7.9	7.5	7.7	7.8	8.0	8.2	8.4
Corporate profits tax accruals.....	13.0	12.2	12.9	13.7	10.6	11.7	12.6	-----
Indirect business tax and nontax accruals.....	159.0	171.6	163.9	167.0	167.7	173.0	179.0	185.5
Sales taxes.....	76.9	82.9	79.4	80.8	79.7	83.4	87.5	92.0
Property taxes.....	64.4	67.5	65.4	66.3	67.2	67.9	68.9	69.8
Other.....	17.7	21.2	19.1	19.9	20.8	21.7	22.6	23.7
Contributions for social insurance.....	28.1	31.5	29.2	29.6	30.2	32.3	33.7	34.8
Federal grants-in-aid.....	80.4	88.0	84.9	85.5	87.2	87.7	91.8	88.8
Expenditures.....	324.4	355.0	336.7	345.4	350.0	358.2	366.3	374.4
Purchases of goods and services.....	305.9	335.8	318.3	326.8	331.3	338.6	346.6	354.5
Compensation of employees.....	172.3	187.4	177.3	181.6	185.4	189.3	193.3	197.9
Other.....	133.6	148.4	141.0	145.2	145.9	149.3	153.3	156.6
Transfer payments to persons.....	35.0	38.9	36.4	37.2	38.1	39.7	40.5	41.2
Net interest paid.....	-8.8	-10.8	-9.7	-10.2	-10.6	-11.1	-11.4	-11.7
Interest paid.....	16.3	17.6	16.9	17.2	17.4	17.7	18.0	18.4
Less: Interest received.....	25.1	28.4	26.6	27.4	28.0	28.8	29.5	30.2
Less: Dividends received.....	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.6
Subsidies less current surplus of government enterprises.....	-6.3	-7.4	-6.7	-7.0	-7.2	-7.5	-7.7	-7.9
Subsidies.....	.3	.4	.3	.3	.3	.4	.4	.4
Less: Current surplus of government enterprises.....	6.7	7.7	7.0	7.3	7.6	7.8	8.1	8.3
Less: Wage accruals less disbursements.....	-1	0	.2	-2	0	0	0	0
Surplus or deficit (-), NIPA's.....	26.7	29.1	28.9	26.6	23.9	28.6	37.1	-----
Social insurance funds.....	23.9	26.9	25.0	25.3	25.7	27.7	29.0	30.2
Other.....	2.9	2.1	4.0	1.3	-1.7	.9	8.1	-----

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

	1979	1980	1979	1980					1981	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I*	IV			I	II	III	IV	I*		
Seasonally adjusted at annual rates									Seasonally adjusted at annual rates									
Billions of dollars									Billions of 1972 dollars									
Government purchases of goods and services.....	473.8	534.7	496.4	516.8	530.0	533.5	558.6	574.1	281.8	290.0	285.3	290.1	291.9	288.2	289.8	292.9		
Federal.....	167.9	198.9	178.1	190.0	198.7	194.9	212.0	219.6	101.7	108.1	103.1	107.6	110.7	106.9	107.4	110.6		
National defense.....	111.2	131.7	118.7	125.0	128.7	131.4	141.6	144.9	67.1	70.9	68.3	69.9	70.9	70.9	71.9	72.1		
Durable goods.....	26.8	32.9	29.5	31.5	32.3	32.9	34.9	35.7	16.6	18.4	17.7	18.2	18.3	18.0	18.9	18.8		
Nondurable goods.....	7.0	10.9	8.2	9.8	10.4	10.5	13.1	13.6	2.4	2.5	2.4	2.3	2.5	2.3	2.8	2.8		
Services.....	74.9	84.7	78.5	80.8	83.1	84.1	90.7	92.4	46.7	48.5	46.9	47.8	48.7	48.7	48.8	48.9		
Compensation of employees.....	48.8	52.8	51.0	51.3	51.4	51.8	56.8	57.4	32.0	32.1	32.0	32.0	32.0	32.2	32.1	32.1		
Military.....	27.7	30.4	29.1	29.3	29.4	29.7	33.2	33.5	18.8	18.9	18.8	18.8	18.8	18.9	19.0	19.0		
Civilian.....	21.0	22.4	21.9	22.0	21.9	22.1	23.6	23.8	13.2	13.2	13.2	13.2	13.2	13.2	13.1	13.1		
Other services.....	26.2	31.9	27.5	29.5	31.8	32.3	33.9	35.0	14.7	16.4	14.9	15.8	16.7	16.5	16.7	16.8		
Structures.....	2.4	3.1	2.4	2.9	2.9	3.8	2.9	3.2	1.4	1.6	1.3	1.5	1.5	1.9	1.4	1.6		
Nondefense.....	56.7	67.2	59.4	64.9	70.0	63.5	70.4	74.8	34.6	37.2	34.8	37.7	39.7	35.9	35.4	38.5		
Durable goods.....	.6	1.5	-1.1	1.5	1.3	1.5	1.6	1.6	.7	.9	0	1.0	.8	.9	.9	.9		
Nondurable goods.....	2.0	4.1	3.8	4.4	7.8	-1.1	5.3	9.5	1.1	2.0	1.6	2.9	4.5	-1.1	.8	4.4		
Services.....	48.1	55.1	50.8	52.3	54.6	56.3	67.0	56.1	29.6	31.1	30.1	30.5	31.4	31.9	30.7	29.7		
Compensation of employees.....	27.0	29.1	28.0	28.3	29.1	28.8	30.3	30.6	17.0	17.1	16.9	17.0	17.5	17.2	16.8	16.8		
Other services.....	21.0	25.9	22.8	24.1	25.4	27.5	26.7	25.5	12.6	14.0	13.1	13.5	13.9	14.6	13.9	13.0		
Structures.....	6.0	6.6	5.9	6.7	6.3	6.8	6.5	7.6	3.2	3.2	3.1	3.4	3.1	3.2	3.0	3.5		
State and local.....	305.9	335.8	318.3	326.8	331.3	338.6	346.6	354.5	180.1	181.9	182.2	182.5	181.2	181.3	182.4	182.3		
Durable goods.....	9.8	10.6	10.1	10.3	10.5	10.7	10.9	11.1	6.2	6.3	6.3	6.2	6.3	6.3	6.2	6.2		
Nondurable goods.....	23.4	26.3	24.3	25.0	25.7	26.7	27.8	28.3	13.4	13.7	13.4	13.5	13.6	13.7	14.0	14.0		
Services.....	232.4	253.7	239.8	245.4	250.7	256.3	262.2	268.3	140.2	141.4	141.1	141.1	141.1	141.4	142.0	141.9		
Compensation of employees.....	172.3	187.4	177.3	181.6	185.4	189.3	193.3	197.9	104.9	106.0	105.6	105.8	105.9	106.1	106.3	106.4		
Other services.....	60.1	66.3	62.5	63.8	65.3	67.1	69.0	70.4	35.3	35.4	35.5	35.3	35.2	35.3	35.6	35.6		
Structures.....	40.3	45.3	44.1	46.1	44.4	44.9	45.7	46.8	20.4	20.5	21.4	21.6	20.2	20.0	20.2	20.2		

	1979	1980	1979	1980					1981	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I *	IV			I	II	III	IV	I *		
Seasonally adjusted at annual rates									Seasonally adjusted at annual rates									
Billions of dollars										Billions of 1972 dollars								

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

Receipts from foreigners.....	282.5	340.9	307.4	338.5	334.4	343.5	347.2	372.6										
Exports of goods and services.....	261.3	330.8	306.3	337.3	333.3	342.4	346.1	371.5	146.9	161.1	154.8	165.9	160.5	160.5	157.4	164.9		
Merchandise.....	176.9	218.2	193.9	214.8	213.9	222.9	221.0	236.4	82.8	92.2	87.6	94.1	92.1	93.5	89.0	92.4		
Durable goods.....	102.9	127.7	109.4	127.0	126.3	129.9	127.5	134.6	50.5	55.6	52.3	58.1	55.9	55.7	52.5	54.0		
Nondurable goods.....	74.1	90.5	84.6	87.8	87.6	93.0	93.6	101.8	32.3	36.6	35.3	36.0	36.2	37.8	36.4	38.4		
Services.....	104.4	121.6	112.4	122.5	119.4	119.5	125.0	135.0	64.1	68.9	67.2	71.8	68.4	67.0	68.4	72.5		
Factor income ¹	66.6	79.5	74.5	83.0	78.1	76.3	80.7	89.0	41.3	45.4	45.0	49.0	45.1	43.1	44.4	48.0		
Other.....	37.8	42.1	37.9	39.5	41.3	43.2	44.3	46.0	22.8	23.5	22.3	22.8	23.3	23.9	24.1	24.5		
Capital grants received by the United States (net).....	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2										
Payments to foreigners.....	282.5	340.9	307.4	338.5	334.4	343.5	347.2	372.6										
Imports of goods and services.....	267.9	316.5	298.7	329.1	316.2	297.9	322.7	347.2	109.2	109.1	112.6	115.8	108.9	102.8	108.9	113.1		
Merchandise.....	208.9	245.9	233.0	257.5	245.6	231.5	248.8	267.3	76.9	74.0	78.0	78.8	73.4	70.5	73.4	75.3		
Durable goods.....	99.0	112.1	103.7	115.7	107.9	108.7	116.0	118.9	47.2	47.6	48.0	50.3	46.8	45.8	47.5	47.9		
Nondurable goods.....	109.9	133.8	129.3	141.8	137.8	122.8	132.9	148.4	29.7	26.4	30.0	28.5	26.6	24.6	25.8	27.3		
Services.....	59.0	70.6	65.7	71.6	70.5	66.4	73.9	79.9	32.3	35.1	34.7	37.0	35.5	32.4	35.5	37.8		
Factor income.....	22.8	29.9	27.9	31.5	29.9	25.9	32.2	37.0	14.1	17.0	16.8	18.6	17.3	14.6	17.7	19.9		
Other.....	36.2	40.7	37.8	40.0	40.6	40.6	41.7	42.9	18.1	18.1	17.8	18.4	18.2	17.8	17.8	17.9		
Transfer payments (net).....	5.2	6.0	6.2	5.5	4.8	5.9	8.0	6.1										
From persons (net).....	1.0	1.2	1.3	1.0	1.0	1.0	1.6	1.1										
From government (net).....	4.2	4.9	4.9	4.5	3.8	4.9	6.4	5.0										
Interest paid by government to foreigners.....	11.1	12.5	11.3	12.2	11.7	11.9	14.1	15.8										
Net foreign investment.....	-1.7	5.9	-8.7	-8.3	1.7	27.8	2.3	3.5										

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

Merchandise exports.....	176.9	218.2	193.9	214.8	213.9	222.9	221.0	236.4	82.8	92.2	87.6	94.1	92.1	93.5	89.0	92.4
Foods, feeds, and beverages.....	29.8	35.9	34.8	34.2	32.1	38.4	38.8	42.8	13.4	15.3	15.2	14.9	14.5	16.4	15.2	16.2
Industrial supplies and materials.....	52.6	67.1	60.3	66.5	70.7	65.9	65.2	68.4	20.9	23.7	22.4	23.3	23.0	23.5	23.0	23.6
Durable goods.....	17.9	24.3	20.9	25.5	26.4	23.3	22.2	23.0	7.1	8.6	7.8	9.0	9.3	8.3	7.8	7.9
Nondurable goods.....	34.6	42.8	39.4	41.0	44.3	42.7	43.0	45.4	13.8	15.1	14.6	14.4	15.7	15.2	15.2	15.7
Capital goods, except autos.....	58.2	73.5	60.6	68.0	73.0	77.6	75.5	79.6	30.8	34.7	31.8	34.7	35.2	35.6	33.1	33.8
Autos.....	17.4	16.9	17.7	17.2	15.6	16.5	18.1	18.8	8.1	6.8	7.9	7.4	6.4	6.5	6.8	6.9
Consumer goods.....	12.6	16.5	13.7	18.8	15.1	16.0	16.1	16.0	6.7	8.3	7.1	9.3	7.8	7.9	7.9	7.7
Durable goods.....	6.2	8.8	6.8	11.1	7.7	8.3	8.0	7.8	3.0	3.8	3.2	4.9	3.4	3.6	3.4	3.2
Nondurable goods.....	6.5	7.7	6.9	7.6	7.4	7.7	8.1	8.2	3.7	4.5	3.9	4.5	4.5	4.4	4.5	4.4
Other.....	6.3	8.3	6.9	10.1	7.5	8.4	7.3	10.8	3.0	3.5	3.1	4.4	3.2	3.5	3.0	4.2
Durable goods.....	3.2	4.2	3.4	5.1	3.7	4.2	3.7	5.4	1.5	1.8	1.6	2.2	1.6	1.8	1.5	2.1
Nondurable goods.....	3.2	4.2	3.4	5.1	3.7	4.2	3.7	5.4	1.5	1.8	1.6	2.2	1.6	1.8	1.5	2.1
Merchandise imports.....	208.9	245.9	233.0	257.5	245.6	231.5	248.8	267.3	76.9	74.0	78.0	78.8	73.4	70.5	73.4	75.3
Foods, feeds, and beverages.....	17.4	18.2	19.0	17.8	17.5	18.2	19.5	20.0	7.6	6.7	7.7	6.8	6.5	6.6	7.0	7.2
Industrial supplies and materials, excluding petroleum.....	47.4	52.1	50.6	57.1	52.1	47.5	51.6	56.0	19.4	17.3	18.9	19.2	17.4	15.6	16.9	18.4
Durable goods.....	28.7	31.2	30.1	35.3	30.6	27.6	31.2	33.2	11.7	10.2	11.2	11.6	10.1	8.9	10.0	10.9
Nondurable goods.....	18.6	20.9	20.5	21.7	21.5	19.9	20.4	22.8	7.6	7.1	7.7	7.6	7.3	6.7	6.9	7.5
Petroleum and products.....	60.0	79.1	75.4	86.4	84.0	69.1	76.8	88.2	8.5	6.9	8.4	8.2	7.2	5.8	6.2	6.7
Capital goods, except autos.....	24.6	30.1	26.4	29.7	29.5	30.0	31.2	32.6	13.8	14.7	14.5	15.2	14.2	14.4	14.8	15.0
Autos.....	25.6	27.1	25.7	26.3	25.0	28.1	28.9	27.2	11.0	10.9	11.0	11.0	10.7	11.2	10.8	9.7
Consumer goods.....	30.6	34.4	32.0	34.2	34.1	34.3	34.8	37.6	15.0	15.5	15.7	15.8	15.9	15.2	15.2	16.1
Durable goods.....	18.4	21.2	19.6	21.4	21.0	20.8	21.7	23.0	9.9	10.9	10.4	11.2	11.1	10.5	10.7	11.2
Nondurable goods.....	12.2	13.1	12.4	12.8	13.1	13.5	13.1	14.6	5.1	4.7	5.3	4.6	4.8	4.7	4.5	4.9
Other.....	3.5	4.9	4.0	6.1	3.5	4.2	6.0	5.8	1.6	2.0	1.7	2.5	1.4	1.7	2.4	2.2
Durable goods.....	1.8	2.5	2.0	3.0	1.7	2.1	3.0	2.9	.8	1.0	.9	1.3	.7	.8	1.2	1.1
Nondurable goods.....	1.8	2.5	2.0	3.0	1.7	2.1	3.0	2.9	.8	1.0	.9	1.3	.7	.8	1.2	1.1
Addenda:																
Exports:																
Agricultural products.....	35.4	42.3	41.7	41.5	38.9	43.8	44.8	49.1	15.9	18.0	18.2	18.1	17.6	18.7	17.7	18.7
Nonagricultural products.....	141.5	175.9	152.2	173.3	174.9	179.1	176.2	187.3	66.9	74.1	69.3	76.0	74.5	74.8	71.3	73.7
Imports of nonpetroleum products.....	148.9	166.8	157.6	171.1	161.7	162.4	172.0	179.1	68.4	67.1	69.5	70.6	66.1	64.7	67.1	68.6

Table 4.1-4.2:

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

Table 5.1.—Gross Saving and Investment

			1979		1980					1981
	1979	1980	IV	I	II	III	IV	I ^p		
			Seasonally adjusted at annual rates							
Billions of dollars										
Gross saving.....	411.9	401.9	402.0	404.5	394.5	402.0	406.7	-----		
Gross private saving.....	398.9	432.9	396.4	413.0	435.9	446.5	436.4	-----		
Personal saving.....	86.2	101.3	80.7	86.4	110.0	111.4	97.6	91.3		
Undistributed corporate profits with IVA and CCAdj.....	59.1	44.3	50.6	52.1	42.1	42.8	40.4	-----		
Undistributed profits.....	117.6	107.2	116.6	128.9	90.7	102.4	106.6	-----		
IVA.....	-42.6	-45.7	-50.8	-61.4	-31.1	-41.7	-48.4	-38.4		
CCAdj.....	-15.9	-17.2	-15.1	-15.4	-17.6	-17.9	-17.8	-16.9		
Capital consumption allowances with CCAdj:										
Corporate.....	155.4	175.4	161.5	167.1	173.0	178.4	183.2	187.5		
Noncorporate.....	98.2	111.8	103.6	107.4	110.7	113.4	115.8	119.0		
Wage accruals less disbursements.....	0	0	0	0	0	.5	-.5	0		
Government surplus or deficit (-), NIPA's.....	11.9	-32.1	4.4	-9.6	-42.5	-45.6	-30.8	-----		
Federal.....	-14.8	-61.2	-24.5	-36.3	-66.5	-74.2	-67.9	-----		
State and local.....	26.7	29.1	28.9	26.6	23.9	28.6	37.1	-----		
Capital grants received by the United States (net).....	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2		
Gross investment.....	414.1	401.2	401.3	407.3	392.5	405.0	400.1	426.6		
Gross private domestic investment.....	415.8	395.3	410.0	415.6	390.9	377.1	397.7	423.1		
Net foreign investment.....	-1.7	5.9	-8.7	-8.3	1.7	27.8	2.3	3.5		
Statistical discrepancy.....	2.2	-.7	-.7	2.8	-1.9	3.0	-6.6	-----		

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

Change in business inventories.....	17.5	-5.9	-0.8	2.5	7.4	-16.0	-17.4	-7.9
Farm.....	4.1	-1.2	3.6	1.0	1.3	-3.7	-3.4	-2.0
Nonfarm.....	13.4	-4.7	-4.4	1.5	6.1	-12.3	-14.0	-5.9
Change in book value.....	64.6	49.3	57.0	75.1	43.4	36.5	42.4	37.2
IVA ¹	-51.2	-54.0	-61.4	-73.5	-37.3	-48.8	-56.4	-43.1
Manufacturing.....	12.3	-2.1	6.4	13.3	.4	-12.6	-9.7	10.5
Durable goods.....	11.3	-.5	10.6	3.4	.4	-4.4	-1.6	3.9
Nondurable goods.....	.9	-1.6	-4.2	9.8	.1	-8.2	-8.1	6.5
Wholesale trade.....	1.4	1.0	-1.2	-4	5.6	-1.9	.6	-3.8
Durable goods.....	.4	.8	-2.7	-3.9	5.9	-.8	2.0	-7.2
Nondurable goods.....	1.1	.2	1.5	3.5	-.3	-1.0	-1.4	3.4
Merchant wholesalers.....	.4	1.5	-3.9	-4.9	6.4	3.7	.7	-8.2
Durable goods.....	-.3	1.1	-3.1	-3.7	6.0	-.4	2.5	-7.4
Nondurable goods.....	.7	.4	-.8	-1.2	.4	4.1	-1.8	-.8
Nonmerchant wholesalers.....	1.0	-.5	2.7	4.5	-.8	-5.6	-1.1	4.4
Durable goods.....	.6	-.3	.4	-.2	0	-.5	-.5	.2
Nondurable goods.....	.4	-.2	2.3	4.7	-.7	-5.1	.4	4.2
Retail trade.....	-.6	-4.4	-9.8	-15.3	-.5	2.9	-4.5	-13.5
Durable goods.....	-.5	-4.4	-9.1	-11.7	-3.2	-3.0	.5	-10.9
Nondurable goods.....	-.1	0	-.8	-3.6	2.7	5.9	-4.9	-2.7
Other.....	.3	.8	.2	4.0	.6	-.8	-.4	1.0
Durable goods.....	.3	.1	.7	.4	.2	-.2	-.2	-.1
Nondurable goods.....	-.1	.8	-.5	3.6	.4	-.6	-.2	1.1
Billions of 1972 dollars								
Change in business inventories.....	10.2	-2.9	-0.7	-0.9	1.3	-5.0	-7.2	-5.7
Farm.....	2.4	-2.4	2.0	.5	.7	-1.8	-1.5	-.9
Nonfarm.....	7.8	-.5	-2.7	-1.4	.6	-3.1	-5.6	-4.8
Change in book value.....	-----	-----	-----	-----	-----	-----	-----	-----
IVA ¹	-----	-----	-----	-----	-----	-----	-----	-----
Manufacturing.....	6.8	-1.0	3.6	5.4	-.5	-5.2	-3.6	4.1
Durable goods.....	6.3	-.1	5.7	2.1	0	-1.8	-.7	1.6
Nondurable goods.....	.6	-.9	-2.1	3.3	-.5	-3.4	-2.8	2.5
Wholesale trade.....	1.0	.5	-1.1	-.5	1.5	.9	0	-2.6
Durable goods.....	.5	.5	-1.1	-1.0	2.3	-.2	.7	-3.5
Nondurable goods.....	.5	0	0	.5	-.8	1.1	-.8	.9
Merchant wholesalers.....	.4	.6	-1.8	-1.3	1.6	1.9	.3	-3.3
Durable goods.....	0	.6	-1.5	-.9	2.3	0	1.0	-3.6
Nondurable goods.....	.4	-.1	-.3	-.4	-.7	2.0	-.7	.3
Nonmerchant wholesalers.....	.6	-.2	.7	.8	-.1	-1.1	-.3	.1
Durable goods.....	.5	-.1	.4	-.1	0	-.2	-.3	.1
Nondurable goods.....	0	0	.3	.9	-.1	-.9	-.1	.6
Retail trade.....	-.1	-2.2	-5.3	-7.5	-.6	1.3	-1.9	-6.6
Durable goods.....	-.2	-2.2	-5.2	-5.9	-1.7	-1.7	.4	-5.5
Nondurable goods.....	-.1	.1	0	-1.6	1.1	3.0	-2.3	-1.1
Other.....	-.1	.3	0	1.1	.2	-.1	-.2	.2
Durable goods.....	-.2	0	.4	.2	.1	-.1	-.1	0
Nondurable goods.....	-.1	.2	-.4	.9	.1	0	-.1	.3

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

	1979	1980				1981
	IV	I	II	III	IV	I ^a
	Seasonally adjusted at annual rates					
	Billions of dollars					
Inventories ¹	710.1	724.5	740.4	765.8	785.4	796.6
Farm.....	84.3	77.8	81.8	92.6	92.6	90.6
Nonfarm.....	625.9	646.6	658.5	673.2	692.8	706.0
Durable goods.....	363.6	369.5	374.6	379.9	393.7	396.2
Nondurable goods.....	262.3	277.1	283.9	293.4	299.1	309.8
Manufacturing.....	311.2	325.0	331.2	335.3	344.2	354.1
Durable goods.....	203.7	210.0	212.6	215.5	222.5	227.3
Nondurable goods.....	107.5	115.0	118.6	119.8	121.8	126.8
Wholesale trade.....	134.6	138.5	142.0	146.3	151.7	155.4
Durable goods.....	83.6	84.4	87.0	89.0	92.6	92.9
Nondurable goods.....	51.0	54.1	55.0	57.3	59.1	62.5
Merchant wholesalers.....	106.3	108.2	111.6	116.7	120.7	121.3
Durable goods.....	68.6	69.7	72.2	74.0	77.2	76.9
Nondurable goods.....	37.7	38.5	39.4	42.7	43.5	44.4
Nonmerchant wholesalers.....	28.3	30.3	30.4	29.6	31.0	34.1
Durable goods.....	15.1	14.7	14.8	15.0	15.4	16.0
Nondurable goods.....	13.3	15.6	15.6	14.6	15.6	18.1
Retail trade.....	122.6	122.8	124.0	127.3	130.3	128.1
Durable goods.....	59.7	58.3	57.9	58.1	60.8	58.2
Nondurable goods.....	62.9	64.5	66.2	69.3	69.5	69.9
Other.....	57.5	60.3	61.3	64.3	66.5	68.4
Final sales ²	176.2	181.2	179.9	187.2	194.1	200.2
Final sales of goods and structures.....	112.9	115.9	112.6	117.0	121.9	126.7
Ratio: Inventories to final sales.....	4.03	4.00	4.12	4.09	4.05	3.98
Nonfarm inventories to final sales.....	3.55	3.57	3.66	3.60	3.57	3.53
Nonfarm inventories to final sales of goods and structures.....	5.55	5.58	5.85	5.75	5.68	5.57
	Billions of 1972 dollars					
Inventories ¹	343.5	343.3	343.6	342.3	340.6	339.1
Farm.....	43.5	43.6	43.8	43.4	43.0	42.7
Nonfarm.....	300.0	299.6	299.8	299.0	297.6	296.4
Durable goods.....	181.8	180.6	180.8	179.9	179.9	178.1
Nondurable goods.....	118.2	119.0	118.9	119.1	117.6	118.3
Manufacturing.....	145.9	147.3	147.2	145.9	145.0	146.0
Durable goods.....	99.0	99.5	99.5	99.0	98.9	99.3
Nondurable goods.....	47.0	47.8	47.7	46.8	46.1	46.7
Wholesale trade.....	64.2	64.1	64.5	64.7	64.7	64.0
Durable goods.....	42.2	42.0	42.5	42.5	42.7	41.8
Nondurable goods.....	22.0	22.1	21.9	22.2	22.0	22.3
Merchant wholesalers.....	52.8	52.5	52.9	53.3	53.4	52.6
Durable goods.....	34.9	34.7	35.3	35.3	35.5	34.6
Nondurable goods.....	17.8	17.7	17.6	18.1	17.9	18.0
Nonmerchant wholesalers.....	11.4	11.6	11.6	11.3	11.2	11.4
Durable goods.....	7.3	7.2	7.2	7.2	7.1	7.1
Nondurable goods.....	4.2	4.4	4.4	4.1	4.1	4.3
Retail trade.....	66.8	64.9	64.7	65.1	64.6	63.0
Durable goods.....	32.6	31.1	30.7	30.2	30.3	29.0
Nondurable goods.....	34.2	33.8	34.1	34.8	34.2	34.0
Other.....	23.1	23.4	23.4	23.4	23.4	23.4
Final sales ²	105.4	106.1	102.8	103.9	105.4	107.1
Final sales of goods and structures.....	67.2	67.7	64.3	64.7	65.9	67.7
Ratio: Inventories to final sales.....	3.26	3.24	3.34	3.29	3.23	3.17
Nonfarm inventories to final sales.....	2.85	2.82	2.92	2.88	2.82	2.77
Nonfarm inventories to final sales of goods and structures.....	4.46	4.43	4.66	4.62	4.51	4.38

Table 5.8-5.9:

1. The IVA shown in this table differs from that which adjusts business income. The IVA in this table reflects the mix of methods (first-in-first-out, last-in-first-out, etc.) underlying book value inventories derived primarily from Census Bureau Statistics. The mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

Table 5.10-5.11:

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

2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest-of-the world and include a small amount of final sales by farms.

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

			1979		1980				1981
	1979	1980	IV	I	II	III	IV	I ^a	
			Seasonally adjusted at annual rates						
			Billions of dollars						
National income without CCAdj.....	2,014.3	2,180.4	2,084.6	2,143.6	2,129.4	2,183.1	2,265.6	-----	
Domestic industries.....	1,970.5	2,130.8	2,037.9	2,092.1	2,081.3	2,132.6	2,217.1	-----	
Private industries.....	1,692.7	1,829.1	1,750.9	1,799.6	1,783.7	1,830.1	1,903.1	-----	
Agriculture, forestry, and fisheries.....	64.7	62.8	65.4	63.5	62.4	62.1	63.4	-----	
Mining.....	30.1	37.0	32.6	34.4	36.4	36.0	40.9	-----	
Construction.....	102.6	108.4	107.9	110.2	105.3	106.6	111.6	-----	
Manufacturing.....	514.5	527.2	516.7	538.9	504.3	517.6	548.1	-----	
Durable goods.....	315.4	311.5	311.0	317.5	293.7	305.7	329.2	-----	
Nondurable goods.....	199.1	215.7	205.8	221.4	210.6	211.9	218.9	-----	
Transportation and public utilities.....	158.3	174.3	163.4	167.1	170.0	179.3	180.9	-----	
Transportation.....	76.3	80.0	79.5	79.4	78.2	79.9	82.5	-----	
Communication.....	43.5	50.1	45.9	47.3	48.1	50.9	54.0	-----	
Electric, gas, and sanitary services.....	38.4	44.3	38.0	40.5	43.6	48.5	44.4	-----	
Wholesale trade.....	121.9	133.8	128.0	129.8	134.5	131.4	139.6	-----	
Retail trade.....	168.9	180.0	172.7	171.8	177.8	183.6	186.6	-----	
Finance, insurance, and real estate.....	256.3	290.8	271.1	280.7	284.1	294.3	304.0	-----	
Services.....	275.3	314.8	293.0	303.2	308.9	319.1	327.9	-----	
Government and government enterprises.....	277.8	301.7	287.1	292.5	297.6	302.5	314.0	-----	
Rest of the world.....	43.8	49.7	46.6	51.5	48.1	50.5	48.6	52.0	

Table 6.20.—Corporate Profits by Industry

	1979	1980	1980					1981	
			IV	I	II	III	IV	I	
			Seasonally adjusted at annual rates						
			Billions of dollars						
Corporate profits with IVA and CCAdj.....	196.8	182.7	189.4	200.2	169.3	177.9	183.3	-----	
Domestic industries.....	166.5	151.5	157.7	163.6	140.0	147.0	155.6	-----	
Financial.....	29.8	27.9	30.4	31.0	27.4	25.8	27.4	-----	
Nonfinancial.....	136.7	123.6	127.3	132.6	112.5	121.2	128.2	-----	
Rest of the world.....	30.3	31.1	31.7	36.6	29.3	30.9	27.7	-----	
Corporate profits with IVA.....	212.7	199.8	204.5	215.6	186.9	195.9	201.0	-----	
Domestic industries.....	182.4	168.7	172.9	179.0	157.5	165.0	173.4	-----	
Financial.....	31.6	30.6	32.6	33.3	30.1	28.7	30.5	-----	
Federal Reserve Banks...	9.6	11.9	10.5	11.9	12.7	11.3	12.0	-----	
Other.....	22.0	18.7	22.1	21.4	17.4	17.4	18.5	-----	
Nonfinancial.....	150.8	138.1	140.3	145.7	127.5	136.2	142.9	-----	
Manufacturing.....	88.9	74.5	80.2	92.1	61.3	68.5	76.2	-----	
Durable goods.....	39.5	20.9	29.3	28.1	10.1	19.4	25.8	-----	
Primary metal industries.....	4.2	3.1	2.8	5.9	2.0	.7	3.8	-----	
Fabricated metal products.....	5.0	3.9	4.8	5.2	1.7	3.9	4.8	-----	
Machinery, except electrical.....	8.8	6.3	8.0	7.3	5.7	6.2	6.1	-----	
Electric and electronic equipment.....	6.3	5.3	5.7	6.6	3.8	5.5	5.3	-----	
Motor vehicles and equipment.....	4.3	-4.3	-8.8	-2.9	-8.8	-4.8	-8.8	-----	
Other.....	10.8	6.5	8.8	6.0	5.6	8.0	6.6	-----	
Nondurable goods.....	49.4	53.7	50.9	64.0	51.2	49.1	50.4	-----	
Food and kindred products.....	6.9	7.3	6.7	8.2	6.7	5.7	8.6	-----	
Chemicals and allied products.....	8.2	7.5	6.6	8.8	6.0	7.0	8.1	-----	
Petroleum and coal products.....	18.3	24.6	23.7	31.0	25.3	22.2	19.9	-----	
Other.....	16.0	14.3	13.8	16.0	13.2	14.2	13.8	-----	
Transportation and public utilities.....	18.0	18.5	14.9	16.1	16.6	22.5	18.8	-----	
Wholesale and retail trade.....	23.0	20.9	22.6	14.8	25.9	20.4	22.6	-----	
Other.....	20.8	24.1	22.6	22.7	23.7	24.8	25.2	-----	
Rest of the world.....	30.3	31.1	31.7	36.6	29.3	30.9	27.7	-----	

Table 7.1-7.2.—Implicit Price Deflators and Fixed-Weighted Price Indexes, 1972 Weights, for Gross National Product

	1979	1980	1979	1980				1981
			IV	I	II	III	IV	I p
			Seasonally adjusted					
Implicit price deflators, 1972=100								
Gross national product.....	162.77	177.36	167.47	171.23	175.28	179.18	183.81	187.30
Personal consumption expenditures.....	162.3	178.9	168.0	172.9	177.0	180.7	184.9	188.5
Durable goods.....	144.8	156.0	148.0	151.9	154.1	157.5	160.5	162.4
Nondurable goods.....	169.8	188.6	176.9	182.9	186.2	190.0	195.2	199.1
Services.....	162.1	178.1	167.4	171.6	176.0	180.3	184.3	188.4
Gross private domestic investment.....	179.1	194.2	184.9	188.5	192.5	196.4	199.9	202.9
Fixed investment.....	171.3	186.8	176.8	180.5	185.7	189.1	192.4	194.7
Nonresidential.....	198.6	224.7	207.4	214.3	222.4	229.5	233.3	236.8
Structures.....	159.7	170.2	163.2	165.6	169.0	171.7	174.5	176.3
Producers' durable equipment.....	200.5	218.6	207.7	212.6	217.4	221.9	223.3	229.3
Residential.....	202.7	221.7	210.1	215.2	220.7	225.2	226.3	232.5
Nonfarm structures.....	202.0	219.9	207.7	213.6	219.4	223.1	224.2	230.2
Farm structures.....	140.3	149.4	142.4	145.5	148.5	151.0	152.4	155.1
Producers' durable equipment.....	-----	-----	-----	-----	-----	-----	-----	-----
Change in business inventories.....	-----	-----	-----	-----	-----	-----	-----	-----
Net exports of goods and services.....	191.5	211.0	197.9	203.4	207.6	213.4	219.9	225.3
Exports.....	245.4	290.1	265.2	284.2	290.4	289.7	296.4	307.1
Imports.....	-----	-----	-----	-----	-----	-----	-----	-----
Government purchases of goods and services.....	168.1	184.4	174.0	178.1	181.6	185.1	192.8	196.0
Federal.....	165.1	183.9	172.8	176.5	179.5	182.4	197.4	198.6
National defense.....	165.7	185.6	173.8	178.9	181.4	185.2	196.8	200.8
Nondefense.....	163.8	180.6	170.8	172.1	176.2	176.7	198.7	194.3
State and local.....	169.8	184.7	174.7	179.1	182.8	186.7	190.0	194.4
Fixed-weighted price indexes, 1972=100								
Gross national product.....	167.3	183.3	173.1	177.1	181.1	185.1	189.7	194.3
Personal consumption expenditures.....	166.0	184.3	172.4	177.8	182.1	186.3	190.8	195.9
Durable goods.....	147.7	160.1	151.1	155.2	158.3	162.0	164.9	166.8
Nondurable goods.....	174.0	195.6	182.2	189.1	193.1	197.3	202.9	209.8
Services.....	164.9	182.0	170.6	175.2	180.1	184.3	188.5	193.1
Gross private domestic investment.....	185.0	203.8	191.7	196.7	202.4	207.1	209.7	214.9
Fixed investment.....	176.7	195.5	183.0	188.0	193.9	198.6	202.0	206.8
Nonresidential.....	194.9	217.9	203.3	210.3	216.7	221.0	224.1	229.4
Structures.....	166.2	182.6	171.4	175.2	180.8	185.8	189.4	193.8
Producers' durable equipment.....	200.9	219.6	208.1	213.2	218.4	223.1	224.3	230.3
Residential.....	-----	-----	-----	-----	-----	-----	-----	-----
Nonfarm structures.....	-----	-----	-----	-----	-----	-----	-----	-----
Farm structures.....	-----	-----	-----	-----	-----	-----	-----	-----
Producers' durable equipment.....	-----	-----	-----	-----	-----	-----	-----	-----
Change in business inventories.....	-----	-----	-----	-----	-----	-----	-----	-----
Net exports of goods and services.....	196.7	217.1	203.4	209.9	213.2	219.1	226.6	232.4
Exports.....	244.2	302.9	264.3	290.3	299.4	308.7	315.5	325.7
Imports.....	-----	-----	-----	-----	-----	-----	-----	-----
Government purchases of goods and services.....	171.8	190.8	179.3	184.4	188.4	192.1	198.2	202.2
Federal.....	169.0	191.2	179.3	184.5	187.8	190.8	201.2	204.3
National defense.....	170.8	195.1	182.1	187.8	191.6	194.7	205.8	208.8
Nondefense.....	164.6	181.1	172.4	176.0	178.2	180.4	189.5	192.7
State and local.....	173.6	190.5	179.3	184.3	188.8	193.0	196.2	200.8
Addenda:	-----	-----	-----	-----	-----	-----	-----	-----
Gross domestic purchases 1.....	170.3	188.8	177.0	182.3	186.7	190.9	195.4	200.3
Final sales.....	167.2	183.2	173.0	177.0	181.0	185.0	189.6	194.2
Final sales to domestic purchasers 1.....	170.3	188.7	176.9	182.2	186.6	190.8	195.4	200.3
Personal consumption expenditures, food.....	178.4	192.7	183.3	185.3	187.9	195.1	202.6	206.1
Personal consumption expenditures, energy.....	241.1	317.1	273.3	304.1	318.7	320.3	325.2	354.1
Other personal consumption expenditures.....	155.5	169.5	159.9	164.0	167.8	171.3	175.0	178.4
Gross domestic product.....	167.3	183.3	173.1	177.2	181.2	185.1	189.8	194.3
Business.....	168.0	184.5	174.0	178.2	182.4	186.7	190.9	195.5
Nonfarm.....	166.9	-----	-----	-----	-----	-----	-----	-----

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

	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I »	
			Seasonally adjusted						
			Index numbers, 1972=100						

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

Gross national product..	162.77	177.36	167.47	171.23	175.28	179.18	183.81	187.30
Final sales.....	162.7	177.4	167.4	171.0	174.9	179.7	184.1	187.1
Change in business inventories.....								
Goods.....	156.6	169.9	160.2	163.8	168.1	171.8	176.3	179.2
Final sales.....	156.3	170.1	160.1	163.2	167.3	172.9	177.0	178.9
Change in business inventories.....								
Durable goods.....	152.0	164.1	154.7	157.0	164.2	166.3	169.2	171.4
Final sales.....	151.5	164.5	154.7	158.6	163.4	167.0	169.1	171.9
Change in business inventories.....								
Nondurable goods.....	160.2	174.2	164.3	168.7	170.9	175.7	181.8	184.9
Final sales.....	160.1	174.2	164.2	166.7	170.1	177.2	182.8	184.1
Change in business inventories.....								
Services.....	161.8	176.7	166.9	170.6	174.6	178.5	183.2	187.1
Structures.....	199.7	222.1	207.8	213.9	220.6	226.0	228.5	233.3
Addenda:								
Gross domestic purchases ¹	166.1	182.2	171.8	176.6	180.5	183.3	188.4	192.3
Final sales to domestic purchasers ¹	166.0	182.2	171.8	176.3	180.1	183.8	188.7	192.1

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

Gross national product..	162.77	177.36	167.47	171.23	175.28	179.18	183.81	187.30
Gross domestic product.....	162.8	177.4	167.5	171.3	175.3	179.2	183.8	187.3
Business.....	162.6	177.4	167.3	171.2	175.4	179.5	183.8	187.2
Nonfarm.....	161.5	177.0	166.4	170.8	175.3	178.8	183.1	186.8
Nonfarm less housing.....	163.1	179.0	168.0	172.6	177.3	180.8	185.2	188.9
Housing.....	147.8	160.9	152.8	155.6	158.8	162.5	166.4	169.6
Farm.....	200.8	193.1	198.5	183.0	178.6	205.3	208.8	201.9
Statistical discrepancy.....	162.6	177.4	167.3	171.2	175.4	179.5	183.8	187.2
Households and institutions.....	173.2	189.5	179.0	183.2	187.7	190.7	196.0	201.2
Private households.....	180.3	193.8	185.6	188.8	191.8	195.0	199.8	203.7
Nonprofit institutions.....	172.6	189.1	178.4	182.7	187.4	190.3	195.7	201.0
Government.....	161.3	173.5	165.9	168.7	171.2	173.5	180.5	184.0
Federal.....	154.7	166.6	161.6	162.4	162.8	163.2	173.0	179.7
State and local.....	164.4	176.7	168.0	171.7	175.1	178.3	181.7	186.0
Rest of the world.....	161.0	175.4	165.7	169.4	173.2	177.2	182.0	185.6
Addendum:								
Gross domestic business product less housing.....	164.3	179.4	168.9	172.9	177.4	181.5	185.9	189.3

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

Gross national product..	162.77	177.36	167.47	171.23	175.28	179.18	183.81	187.30
Less: Capital consumption allowances with CCAdj.....	179.1	194.8	184.0	188.2	193.5	197.2	200.0	202.8
Equals: Net national product.....	161.0	175.4	165.7	169.4	173.2	177.2	182.0	185.6
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	135.7	146.4	137.6	139.6	144.7	147.5	153.7	164.8
Statistical discrepancy.....	162.6	177.4	167.3	171.2	175.4	179.5	183.8	
Equals: National income.....	164.1	179.1	169.1	173.1	176.8	180.9	185.6	

Table 7.6:

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

Table 7.7:

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

Table 7.8:

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

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

Table 7.9:

1. Includes new trucks only.

	1979	1980	1979	1980				1981	
			IV	I	II	III	IV	I	
			Seasonally adjusted						
			Dollars						

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

Current-dollar cost and profit per unit of constant-dollar gross domestic product ¹	1.623	1.770	1.669	1.710	1.754	1.787	1.830	-----
Capital consumption allowances with CCAdj.....	.169	.191	.175	.180	.192	.196	.197	-----
Net domestic product.....	1.454	1.579	1.494	1.530	1.562	1.591	1.633	-----
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	.153	.176	.157	.161	.173	.181	.188	-----
Domestic income.....	1.301	1.403	1.337	1.369	1.389	1.411	1.444	-----
Compensation of employees.....	1.092	1.196	1.135	1.158	1.193	1.203	1.230	-----
Corporate profits with IVA and CCAdj.....	.157	.143	.146	.151	.132	.141	.146	-----
Profits tax liability.....	.080	.073	.078	.085	.061	.070	.075	-----
Profits after tax with IVA and CCAdj.....	.077	.070	.067	.066	.071	.071	.071	-----
Net interest.....	.052	.065	.056	.060	.064	.067	.068	-----

Index numbers, 1972=100

Table 7.8.—Implicit Price Deflators for Auto Output

Auto output.....	145.5	155.9	149.1	151.3	155.0	156.8	160.5	158.9
Final sales.....	146.4	155.8	148.9	152.7	153.8	156.8	160.2	161.0
Personal consumption expenditures.....	158.3	169.4	160.9	163.8	166.8	171.0	176.5	177.1
New autos.....	149.4	161.2	152.4	156.4	160.4	164.5	164.6	164.3
Net purchases of used autos.....								
Producers' durable equipment.....	133.2	146.5	136.1	141.2	150.8	154.9	140.5	135.9
New autos.....	149.4	161.3	152.2	156.2	160.2	164.3	164.4	164.8
Net purchases of used autos.....								
Net exports.....	150.0	164.7	152.8	156.7	160.8	182.4	165.1	165.7
Exports.....	195.6	211.4	199.5	201.7	209.8	219.5	214.1	217.7
Imports.....	147.6	187.5	155.6	160.4	172.1	173.0	166.6	161.7
Government purchases.....								
Change in business inventories.....								
Addenda:								
Domestic output of new autos ¹	149.2	161.7	152.6	156.7	160.2	165.7	164.4	164.4
Sales of imported new autos ²	149.5	161.4	152.4	156.4	160.5	164.5	164.6	164.4

Table 7.9.—Implicit Price Deflators for Truck Output

Truck output ¹	169.1	186.5	172.0	178.0	185.8	189.5	194.0	198.1
Final sales.....	169.1	186.5	172.9	178.4	184.8	189.7	195.0	198.4
Personal consumption expenditures.....	149.4	161.2	152.5	156.4	160.6	164.4	164.7	164.4
Producers' durable equipment.....	177.2	194.5	181.4	186.1	191.3	197.4	205.2	210.1
Net exports.....	177.5	195.0	181.4	186.1	191.2	197.4	205.2	210.2
Exports.....	163.7	176.4	164.4	168.7	168.7	180.0	186.4	186.3
Imports.....	177.5	194.9	181.3	186.1	191.3	197.3	205.2	210.1
Government purchases.....								
Change in business inventories.....								

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

Personal consumption expenditures.....	162.3	178.9	168.0	172.9	177.0	180.7	184.9	188.5
Durable goods.....	144.8	156.0	148.0	151.9	154.1	157.5	160.5	162.4
Motor vehicles and parts.....	154.6	167.1	158.0	161.9	164.9	168.8	173.2	174.2
Furniture and household equipment.....	135.6	143.6	138.0	140.4	142.5	144.8	146.5	148.7
Other.....	142.7	161.7	148.1	154.7	160.6	164.4	167.3	168.4
Nondurable goods.....	169.8	188.6	176.9	182.9	186.2	190.0	195.2	199.1
Food.....	176.6	190.5	181.5	183.1	185.7	193.0	200.3	204.3
Clothing and shoes.....	129.2	134.3	130.8	132.9	133.3	134.5	136.5	136.5
Gasoline and oil.....	243.4	339.4	285.1	330.6	345.1	338.6	343.7	376.5
Other nondurable goods.....	167.8	187.5	174.8	180.3	185.9	190.6	193.4	196.4
Fuel oil and coal.....	340.6	471.4	406.6	450.9	473.3	476.6	484.5	563.6
Other.....	155.9	170.1	160.0	164.1	168.5	172.1	175.8	179.3
Services.....	162.1	178.1	167.4	171.6	176.0	180.3	184.3	188.4
Housing.....	151.9	165.6	157.3	160.3	163.5	167.3	171.3	174.6
Household operation.....	165.5	181.5	170.8	173.7	178.2	185.6	188.2	192.0
Electricity and gas.....	205.2	239.4	216.6	224.4	235.6	245.6	250.9	280.0
Other.....	140.5	146.3	142.5	143.7	143.5	147.9	150.2	153.7
Transportation.....	161.2	184.3	168.5	174.3	180.7	189.7	192.4	194.0
Other.....	170.4	187.0	175.2	180.6	185.9	188.4	193.1	198.7

	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I ^p	
			Seasonally adjusted						
Index numbers, 1972=100									

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

Government purchases of goods and services...	168.1	184.4	174.0	178.1	181.6	185.1	192.8	196.0
Federal.....	165.1	183.9	172.8	176.5	179.5	182.4	197.4	198.6
National defense.....	165.7	185.6	173.8	178.9	181.4	185.2	196.8	200.8
Durable goods.....	162.0	179.1	166.6	172.6	176.2	182.6	184.8	189.9
Nondurable goods.....	292.4	441.5	344.6	425.0	420.7	451.6	465.1	476.5
Services.....	160.3	174.6	167.5	169.0	170.8	172.9	185.8	188.8
Compensation of employees.....	152.3	164.7	159.5	160.3	160.7	161.1	176.9	178.5
Military.....	147.6	160.9	155.3	155.9	156.4	156.8	174.5	176.0
Civilian.....	159.0	170.2	165.5	166.4	166.8	167.3	180.3	182.1
Other services.....	177.8	194.0	184.6	186.6	190.0	195.9	203.0	208.7
Structures.....	174.4	198.3	185.8	192.3	198.1	199.6	203.1	205.7
Nondefense.....	163.8	180.6	170.8	172.1	176.2	176.7	198.7	194.3
Durable goods.....	93.0	167.5	160.6	165.4	168.6	168.6	175.2	182.1
Nondurable goods.....	162.4	176.9	168.8	171.5	173.7	176.6	185.9	188.5
Services.....	159.1	170.0	165.5	166.3	166.7	167.2	180.2	182.1
Compensation of employees.....	166.9	185.4	173.2	178.1	182.5	187.7	192.8	196.7
Other services.....	186.0	207.7	194.1	200.1	206.0	211.0	214.2	219.2
State and local.....	169.8	184.7	174.7	179.1	182.8	186.7	190.0	194.4
Durable goods.....	157.7	169.7	161.2	165.1	168.1	170.6	175.0	178.3
Nondurable goods.....	175.1	191.7	180.6	184.9	188.6	194.7	198.2	202.2
Services.....	165.8	179.4	170.0	174.0	177.7	181.3	184.7	189.0
Compensation of employees.....	164.4	176.7	168.0	171.7	175.1	178.3	181.7	186.0
Other services.....	170.2	187.5	175.9	180.7	185.5	190.2	193.5	198.0
Structures.....	197.6	220.8	206.1	213.2	219.6	224.7	226.3	231.7

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

Exports of goods and services...	191.5	211.0	197.9	203.4	207.6	213.4	219.9	225.3
Merchandise.....	213.7	236.7	221.5	228.3	232.2	238.5	248.4	255.8
Durable goods.....	203.8	229.7	209.2	218.5	225.9	233.1	242.6	249.3
Nondurable goods.....	229.1	247.2	239.6	244.0	241.8	246.4	256.8	264.8
Services.....	162.8	176.5	167.2	170.7	174.6	178.4	182.8	186.4
Factor income.....	161.3	175.3	165.7	169.4	173.2	177.2	182.0	185.6
Other.....	165.6	179.0	170.2	173.6	177.1	180.6	184.2	187.9
Imports of goods and service...	245.4	290.1	265.2	284.2	290.4	289.7	296.4	307.1
Merchandise.....	271.6	332.3	298.9	327.0	334.8	328.4	339.1	355.2
Durable goods.....	209.8	235.4	216.1	230.0	230.8	237.0	243.9	248.0
Nondurable goods.....	369.9	507.2	431.6	498.4	517.6	498.6	514.2	543.2
Services.....	182.9	201.1	189.5	193.2	198.6	205.2	208.1	211.3
Factor income.....	161.5	175.3	165.7	169.4	173.3	177.2	182.0	185.6
Other.....	199.5	225.5	212.0	217.3	222.7	228.3	234.0	239.9

Table 7.21:

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

	1979	1980	1979	1980					1981
			IV	I	II	III	IV	I ^p	
Seasonally adjusted									
Index numbers, 1972=100									

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

Merchandise exports.....	213.7	236.7	221.5	228.3	232.2	238.5	248.4	255.8
Foods, feeds, and beverages.....	222.8	235.1	229.1	228.7	221.6	234.1	255.4	264.0
Industrial supplies and materials.....	251.7	282.9	269.5	285.1	282.8	280.5	283.1	289.5
Durable goods.....	251.8	282.9	269.5	285.1	282.8	280.5	283.1	289.5
Nondurable goods.....	251.7	282.9	269.5	285.1	282.8	280.5	283.1	289.5
Capital goods, except autos.....	189.1	212.2	190.2	196.0	207.4	217.9	227.3	235.3
Autos.....	215.8	249.7	222.7	234.5	243.1	255.0	267.3	274.1
Consumer goods.....	187.5	199.5	192.5	200.7	192.4	201.7	202.9	208.7
Durable goods.....	203.4	231.1	212.5	227.9	226.8	232.2	238.9	241.0
Nondurable goods.....	174.5	172.6	176.3	170.8	166.3	176.9	176.4	185.0
Other.....	213.0	235.9	221.5	228.2	232.1	238.5	248.4	255.9
Durable goods.....	213.0	235.9	221.5	228.2	232.1	238.5	248.4	255.9
Nondurable goods.....	213.0	235.9	221.5	228.2	232.1	238.5	248.4	255.9
Merchandise imports.....	271.6	332.3	298.9	327.0	334.8	328.4	339.1	355.2
Foods, feeds, and beverages.....	228.4	270.1	247.1	260.4	266.6	276.0	277.3	279.0
Industrial supplies and materials, excluding petroleum.....	244.5	301.1	267.7	296.6	299.2	303.8	305.9	304.4
Durable goods.....	244.9	306.6	267.7	303.3	303.8	309.3	311.0	305.4
Nondurable goods.....	244.1	293.2	267.7	286.2	292.9	296.5	298.3	303.0
Petroleum and products.....	702.0	1,153.8	893.3	1,059.7	1,163.2	1,191.6	1,231.0	1,323.7
Capital goods except autos.....	178.6	205.4	182.2	195.3	208.1	208.1	210.4	217.0
Autos.....	231.9	248.5	233.5	239.3	235.0	252.3	267.4	280.0
Consumer goods.....	203.7	221.2	203.8	216.3	214.2	226.2	228.5	233.7
Durable goods.....	186.4	195.0	188.1	190.7	188.8	198.1	202.8	205.0
Nondurable goods.....	236.9	282.4	234.6	278.6	273.2	289.1	289.0	299.9
Other.....	217.5	246.2	226.7	239.2	242.2	249.1	254.2	260.5
Durable goods.....	217.5	246.2	226.8	239.3	242.2	249.3	253.9	260.5
Nondurable goods.....	217.5	246.2	226.6	239.0	242.2	248.8	254.4	260.5
Addenda:								
Exports:								
Agricultural products.....	222.4	234.5	229.0	229.8	220.7	234.0	253.5	262.0
Nonagricultural products.....	211.6	237.2	219.5	227.9	234.9	239.6	247.1	254.2
Imports of nonpetroleum products.....	217.8	248.4	226.7	242.3	244.4	251.1	256.2	261.2

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

Inventories ¹	206.7	211.0	215.5	223.7	230.6	234.9
Farm.....	193.7	178.4	186.8	213.6	215.4	212.0
Nonfarm.....	208.6	215.8	219.7	225.2	232.8	238.2
Durable goods.....	200.0	204.6	207.2	211.2	218.8	222.5
Nondurable goods.....	222.0	232.9	238.7	246.3	254.3	261.9
Manufacturing.....	213.3	220.6	225.1	229.9	237.5	242.6
Durable goods.....	205.9	211.1	213.7	217.6	225.1	229.0
Nondurable goods.....	225.9	240.6	248.9	255.9	264.1	271.4
Wholesale trade.....	209.7	216.1	220.3	226.2	234.7	242.7
Durable goods.....	198.2	201.2	204.7	209.5	217.2	222.4
Nondurable goods.....	231.8	244.4	250.6	258.1	268.5	280.7
Merchant wholesalers.....	201.4	206.3	211.1	218.7	226.0	230.5
Durable goods.....	196.2	200.8	204.6	200.6	217.4	222.0
Nondurable goods.....	211.6	217.1	224.2	236.6	243.0	247.0
Nonmerchant wholesalers.....	247.8	260.3	262.0	261.2	275.8	298.5
Durable goods.....	207.6	203.1	204.9	208.9	216.1	224.5
Nondurable goods.....	317.9	354.4	356.6	351.9	379.0	422.0
Retail trade.....	183.6	189.3	191.6	195.7	201.8	203.5
Durable goods.....	183.3	187.6	188.7	192.0	200.4	201.0
Nondurable goods.....	184.0	190.8	194.2	199.0	203.0	205.6
Other.....	248.8	258.1	261.5	274.6	284.7	292.2
Final sales².....	167.3	170.8	175.0	180.1	184.1	187.0
Final sales of goods and structures.....	167.9	171.2	175.2	180.7	184.9	187.1

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

	1979	1980	1979					1981
			1980					
			IV	I	II	III	IV	
			Seasonally adjusted					
Percent	Percent at annual rates							
Gross national product:								
Current dollars.....	12.0	8.8	8.8	12.6	-1.1	11.8	14.9	14.9
1972 dollars.....	3.2	-2.2	.6	3.1	-9.9	2.4	3.8	6.5
Implicit price deflator.....	8.5	9.0	8.1	9.3	9.8	9.2	10.7	7.8
Chain price index.....	8.7	8.6	8.6	8.7	8.8	9.3	10.5	9.6
Fixed-weighted price index.....	9.4	9.6	10.3	9.7	9.3	9.0	10.4	9.9
Personal consumption expenditures:								
Current dollars.....	12.0	10.7	14.7	12.9	-1.0	14.3	17.4	13.0
1972 dollars.....	2.9	.5	3.6	.8	-9.8	5.1	7.0	4.7
Implicit price deflator.....	8.9	10.2	10.7	12.0	9.8	8.8	9.7	7.9
Chain price index.....	9.3	10.6	10.9	12.5	9.7	9.5	10.1	10.5
Fixed-weighted price index.....	9.6	11.0	11.4	13.2	9.9	9.5	10.1	11.1
Durable goods:								
Current dollars.....	6.5	-2.2	5.4	9.2	-40.0	32.9	30.9	29.4
1972 dollars.....	.2	-7.4	-1.8	-1.6	-43.3	21.7	21.2	23.4
Implicit price deflators.....	6.3	7.7	7.3	11.0	5.8	9.2	8.0	4.8
Chain price index.....	6.8	8.4	7.5	11.2	8.5	8.8	7.8	4.9
Fixed-weighted price index.....	6.8	8.4	7.4	11.1	8.3	9.7	7.4	4.7
Nondurable goods:								
Current dollar.....	13.7	12.2	19.4	14.4	1.8	6.3	18.5	12.5
1972 dollars.....	2.6	1.1	6.8	.2	-5.3	-1.8	6.3	3.8
Implicit price deflator.....	10.8	11.0	11.8	14.2	7.5	8.3	11.5	8.3
Chain price index.....	11.3	12.0	12.8	14.9	8.3	9.4	11.8	13.0
Fixed-weighted price index.....	11.6	12.4	13.5	16.0	8.6	9.2	11.8	14.1
Services:								
Current dollars.....	12.4	12.8	13.5	12.7	10.8	17.0	13.1	9.3
1972 dollars.....	4.1	2.6	2.8	2.1	0	6.4	3.7	.1
Implicit price deflator.....	8.0	9.9	10.5	10.4	10.7	10.0	9.1	9.2
Chain price index.....	8.3	10.2	10.4	10.9	11.2	9.9	9.3	10.0
Fixed-weighted price index.....	8.5	10.4	10.6	11.1	11.7	9.9	9.3	10.1
Gross private domestic investment:								
Current dollars.....	10.8	-4.9	-10.6	5.6	-21.8	-13.3	23.7	28.0
1972 dollars.....	1.3	-12.5	-17.8	-5.6	-28.9	-10.0	11.1	12.9
Implicit price deflator.....								
Chain price index.....								
Fixed-weighted price index.....								
Fixed investment:								
Current dollars.....	12.8	.7	2.5	2.2	-25.8	10.5	24.2	16.2
1972 dollars.....	3.1	-7.1	-4.8	-5.3	-31.8	2.1	15.7	9.5
Implicit price deflator.....	9.4	8.5	7.7	7.9	8.9	8.3	7.4	6.2
Chain price index.....	10.2	10.0	8.4	10.5	12.3	9.7	5.3	9.8
Fixed-weighted price index.....	10.7	10.1	8.4	10.8	12.0	9.7	5.2	10.3
Nonresidential:								
Current dollars.....	15.6	5.8	2.3	11.0	-10.4	6.0	11.5	17.7
1972 dollars.....	6.5	-3.0	-5.4	2.2	-19.9	-1.5	4.0	12.3
Implicit price deflator.....	8.6	9.1	8.2	8.6	11.8	7.6	7.2	4.8
Chain price index.....	9.0	10.3	9.4	10.7	13.1	10.0	6.3	9.2
Fixed-weighted price index.....	9.7	10.6	9.8	11.3	13.1	10.2	7.0	9.8
Structures:								
Current dollars.....	22.4	13.0	24.0	12.4	.7	-4.0	16.5	18.3
1972 dollars.....	8.7	-1.1	10.3	-1.4	-13.1	-15.3	9.0	11.5
Implicit price deflator.....	12.6	13.1	12.4	14.0	15.9	13.3	6.9	6.1
Chain price index.....	12.9	11.9	12.2	14.8	12.6	8.3	6.4	10.4
Fixed-weighted price index.....	12.9	11.8	12.0	14.5	12.6	8.1	5.8	9.8
Producers' durable equipment:								
Current dollars.....	12.3	2.0	-7.9	10.2	-16.3	12.3	8.7	17.3
1972 dollars.....	5.5	-4.2	-11.6	3.8	-22.7	5.3	1.9	12.6
Implicit price deflator.....	6.4	6.5	4.1	6.2	8.3	6.6	6.6	4.2
Chain price index.....	7.1	9.5	8.0	8.3	13.4	11.0	6.3	8.6
Fixed-weighted price index.....	7.6	9.8	8.3	9.1	13.4	11.6	7.9	9.7
Residential:								
Current dollars.....	6.6	-11.3	2.8	-16.7	-56.4	25.7	68.5	12.3
1972 dollars.....	-5.2	-18.6	-3.1	-24.2	-60.2	16.0	64.2	1.0
Implicit price deflator.....	12.5	9.0	6.1	9.8	9.5	8.4	2.6	11.2
Chain price index.....	12.6	9.3	6.1	10.1	10.2	8.9	2.1	11.1
Fixed-weighted price index.....	12.6	9.3	6.2	10.1	10.2	8.8	2.1	11.1
Exports:								
Current dollars.....	28.0	20.8	19.2	47.1	-4.7	11.4	4.4	32.7
1972 dollars.....	15.2	9.6	9.4	32.0	-12.3	-2.2	-7.4	20.5
Implicit price deflator.....	11.1	10.2	8.9	11.5	8.6	11.6	12.8	10.2
Chain price deflator.....	12.0	10.1	7.4	12.4	6.8	11.5	14.7	10.5
Fixed-weighted price index.....	12.6	10.3	8.0	13.5	6.5	11.5	14.5	10.6
Imports:								
Current dollars.....	21.6	18.1	38.7	47.4	-14.8	-21.2	37.8	33.9
1972 dollars.....	6.0	-1.1	9.1	11.9	-21.9	-20.4	25.8	16.2
Implicit price deflator.....	14.7	18.2	27.2	31.8	9.0	-1.0	9.6	15.2
Chain price index.....	17.2	25.2	28.1	38.8	16.2	11.9	9.6	14.7
Fixed-weighted price index.....	16.2	24.0	23.1	45.5	13.1	13.1	9.0	13.6
Government purchases of goods and services:								
Current dollars.....	9.5	12.9	18.8	17.5	10.6	2.6	20.2	11.6
1972 dollars.....	1.5	2.9	6.1	6.9	2.5	-5.0	2.2	4.4
Implicit price deflator.....	7.9	9.7	12.0	9.9	7.9	8.0	17.6	6.9
Chain price index.....	8.4	9.7	12.5	10.3	8.3	8.5	12.8	8.4
Fixed-weighted price index.....	9.3	11.1	14.8	11.8	9.0	8.1	13.3	8.3
Federal:								
Current dollars.....	9.5	18.5	35.4	29.5	19.8	-7.5	40.2	15.1
1972 dollars.....	1.9	6.3	13.1	18.9	11.9	-13.1	2.0	12.5
Implicit price deflator.....	7.4	11.4	19.7	8.9	7.0	6.4	37.4	2.3
Chain price index.....	8.3	11.0	21.3	9.4	6.7	7.5	22.9	6.8
Fixed-weighted price index.....	9.2	13.1	24.5	12.1	7.3	6.5	23.6	6.3
National defense:								
Current dollars.....	11.2	18.4	26.2	23.2	12.4	8.4	35.0	9.5
1972 dollars.....	2.6	5.7	7.1	9.8	6.2	-1.1	5.9	1.0
Implicit price deflator.....	8.4	12.0	17.9	12.2	5.8	8.6	27.5	8.4
Chain price index.....	8.8	11.8	22.2	9.1	7.0	7.2	23.6	6.4
Fixed-weighted price index.....	9.8	14.3	26.6	13.3	8.1	7.1	24.4	6.0
Nondefense:								
Current dollars.....	6.1	18.6	56.4	42.9	35.0	-32.2	51.2	27.1
1972 dollars.....	.6	7.5	26.4	38.4	23.1	-33.1	-5.3	38.8
Implicit price deflator.....	5.5	10.3	23.8	3.3	9.7	1.3	59.7	-8.5
Chain price index.....	7.4	9.4	19.4	10.1	6.1	8.2	21.4	7.7
Fixed-weighted price index.....	7.7	10.0	19.1	8.8	5.1	5.0	21.6	6.9
State and local:								
Current dollars.....	9.6	9.8	10.6	11.2	5.6	9.1	9.7	9.5
1972 dollars.....	1.2	1.0	2.4	.6	-2.8	.3	2.3	-1.1
Implicit price deflator.....	8.2	8.7	8.1	10.5	8.6	8.8	7.2	9.6
Chain price index.....	8.5	9.0	8.0	10.7	9.2	9.1	7.2	9.4
Fixed-weighted price index.....	9.3	9.7	8.8	11.7	10.2	9.1	6.8	9.7
Addenda:								
Gross domestic purchases:								
Current dollars.....	11.3	8.4	10.7	12.6	-2.4	7.3	18.9	14.8
1972 dollars.....	2.3	-1.1	.4	1.0	-10.6	.8	6.6	5.8
Implicit price deflator.....	8.8	9.7	10.3	11.5	9.2	6.5	11.5	8.6
Chain price index.....	9.3	10.3	10.8	11.6	10.0	9.3	9.9	10.1
Fixed-weighted price index.....	9.7	10.8	11.6	12.5	9.9	9.3	10.0	10.3
Final sales:								
Current dollars.....	12.3	9.8	11.4	12.0	-1.8	15.9	15.0	13.2
1972 dollars.....	3.5	.7	2.9	3.1	-10.4	4.1	4.4	6.1
Implicit price deflator.....	8.5	9.0	8.2	8.7	9.6	11.3	10.2	6.7
Chain price index.....	8.7	8.6	8.6	8.9	8.6	9.3	10.6	9.5
Fixed-weighted price index.....	9.4	9.6	10.3	9.6	9.5	9.0	10.4	10.0
Final sales to domestic purchasers:								
Current dollars.....	11.6	9.5	13.3	12.0	-3.2	11.2	19.0	13.2
1972 dollars.....	2.6	-2.2	2.7	1.0	-11.2	2.5	7.2	5.3
Implicit price deflator.....	8.8	9.7	10.3	10.9	9.0	8.5	10.9	7.5
Chain price index.....	9.2	10.3	10.8	11.7	9.8	9.3	9.9	10.0
Fixed-weighted price index.....	9.7	10.9	11.6	12.5	10.1	9.2	10.0	10.3
Gross domestic product:								
Current dollars.....	11.5	8.7	9.3	12.0	-6.6	11.6	15.6	14.6
1972 dollars.....	2.8	-2.0	1.0	2.5	-9.4	2.2	4.4	6.3
Implicit price deflator.....	8.5	9.0	8.1	9.3	9.8	9.2	10.7	7.8
Chain price index.....	8.7	8.6	8.6	8.7	8.8	9.3	10.5	9.6
Fixed-weighted price index.....	9.4	9.6	10.3	9.7	9.3	9.0	10.4	9.9
Business:								
Current dollars.....	11.9	8.5	8.8	12.5	-1.9	12.3	15.4	15.3
1972 dollars.....	2.9	-5.5	1.1	2.7	-11.1	2.3	5.0	7.1
Implicit price deflator.....	8.7	9.1	7.6	9.5	10.3	9.7	9.9	7.7
Chain price index.....	9.0	8.7	8.1	8.9	9.1	9.9	9.7	9.8
Fixed-weighted price index.....	9.7	9.8	10.0	10.1	9.8	9.6	9.3	10.2
Nonfarm:								
Current dollars.....	11.8	9.1	9.8	12.9	-1.1	11.6	17.6	16.1
1972 dollars.....	3.1	-4.4	1.7	1.7	-10.8	3.1	6.9	7.1
Implicit price deflator.....	8.5	9.6	8.0	11.0	10.9	8.3	10.0	8.4
Chain price index.....	8.8							
Fixed-weighted price index.....	9.5							
Disposable personal income:								
Current dollars.....	12.2	11.0	11.6	13.5	4.4	13.3	12.8	10.6
1972 dollars.....	3.1	.7	.8	1.3	-4.9	4.1	2.9	2.5

Fiscal Year 1982 Federal Budget Revisions

IN mid-February, the new administration proposed a substantial policy change designed to slow inflation, encourage saving and investment, and stimulate economic growth. The plan to achieve these objectives has four parts: (1) a sharp reduction in the growth of Federal spending; (2) substantial tax cuts; (3) elimination and modification

Table 1.—Economic Assumptions Underlying the Fiscal Year 1982 Budget Revisions

	Calendar year			
	Actual		Estimates	
	1979	1980	1981	1982
	Billions of dollars			
Gross national product:				
Current dollars.....	2,414	2,629	2,920	3,293
1972 dollars.....	1,483	1,482	1,497	1,560
Incomes:				
Personal income.....	1,944	2,161	2,399	2,675
Wages and salaries.....	1,236	1,344	1,488	1,667
Corporate profits before taxes.....	255	243	233	254
	Percent change from preceding year			
GNP in current dollars:				
Annual average.....	12.0	8.9	11.1	12.8
Fourth quarter.....	9.9	9.8	11.0	13.3
GNP in 1972 dollars:				
Annual average.....	3.2	-1.1	1.1	4.2
Fourth quarter.....	1.7	0	1.4	5.2
GNP deflator:				
Annual average.....	8.5	9.0	9.9	8.3
Fourth quarter.....	8.1	9.9	9.5	7.7
Consumer Price Index:				
Annual average.....	11.4	13.5	11.1	8.3
Fourth quarter.....	12.8	12.6	10.5	7.2
	Percent			
Unemployment rate:				
Annual average.....	5.8	7.2	7.8	7.2
Fourth quarter.....	5.9	7.5	7.7	7.0
Insured unemployment rate: ²				
Annual average.....	2.9	3.9	4.4	3.8
Fourth quarter.....	3.1	3.8	4.2	3.7
Interest rate, 91-day Treasury bills ³	10.0	11.5	11.1	8.9

1. Includes the direct effect of the administration's depreciation proposal.

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

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

Source: "Fiscal Year 1982 Budget Revisions."

of certain Federal regulations deemed to hamper economic activity; and (4) a slower growth in the supply of money.

On March 10, the administration submitted to Congress a detailed revision of the fiscal year 1982 budget proposed in January by the previous administration. The major revisions are:

- A reduction in nondefense spending;
- An increase in defense spending;
- A reduction in marginal individual income tax rates, phased in over three years; and
- A change in depreciation rules, resulting in an increase in business depreciation allowances.

Nondefense spending is reduced \$8.5 billion in 1981 and \$48.4 billion in 1982. New economic assumptions and technical reestimates account for part of the

reductions. However, the major factor is proposed reductions affecting almost all nondefense programs. Specifically

Table 2.—Federal Government Receipts and Expenditures

[Billions of dollars]

	Fiscal year		
	Actual 1980	Estimates	
		1981	1982
Unified budget			
Receipts	520.0	600.3	650.3
Outlays	579.6	655.2	695.3
Surplus or deficit (—).....	—59.6	—54.9	—45.0
National income and product accounts			
Receipts	527.3	609.0	664.4
Expenditures	578.2	663.1	707.1
Surplus or deficit (—).....	—50.9	—54.1	—42.7
High-employment surplus or deficit (—).....	—16.7	13.2	23.7

Sources: "Fiscal Year 1982 Budget Revisions" and the Bureau of Economic Analysis.

Table 3.—January and Revised Budget Estimates

[Billions of dollars]

	Fiscal year 1981			Fiscal year 1982		
	January budget	Revisions	Revised budget	January budget	Revisions	Revised budget
Unified budget receipts.....	607.5	-7.2	600.3	711.8	-61.4	650.3
Reconciliation items ¹	6.9	2.3	9.2	16.4	-1.8	14.7
Federal Government receipts, NIPA.....	614.4	-4.9	609.5	728.2	-63.2	665.0
Personal tax and nontax receipts.....	290.5	-7.0	283.5	339.3	-43.6	295.7
Corporate profits tax accruals.....	67.9	.3	68.2	78.8	-5.6	73.2
Indirect business tax and nontax accruals.....	61.2	-1.0	60.2	83.8	-14.4	69.4
Contributions for social insurance.....	194.8	2.8	197.6	226.3	-.4	226.7
Unified budget outlays.....	662.7	-7.6	655.2	739.3	-44.0	695.3
Reconciliation items ¹	8.3	-.3	7.9	7.0	4.8	11.8
Federal Government expenditures, NIPA.....	671.0	-7.9	663.1	746.3	-39.2	707.1
Purchases of goods and services.....	218.5	-1.9	216.6	248.7	-4.0	244.7
National defense.....	148.0	.2	148.2	167.5	5.4	172.9
Nondefense.....	70.5	-2.1	68.4	81.2	-9.4	71.8
Transfer payments.....	281.5	-.8	280.7	313.9	-11.2	302.7
To persons.....	276.8	-1.3	275.5	308.7	-11.6	297.1
To foreigners.....	4.7	.5	5.2	5.2	.4	5.6
Grants-in-aid to State and local governments.....	90.3	-.9	89.4	94.6	-14.2	80.4
Net interest paid.....	67.3	-2.9	64.4	75.1	-6.6	68.5
Subsidies less current surplus of government enterprises.....	13.4	-1.4	12.0	14.0	-3.2	10.8
Unified budget deficit.....	-55.2	.3	-54.9	-27.5	-17.4	-45.0
Reconciliation items.....	-1.4	2.7	1.3	9.4	-6.4	2.9
Federal Government deficit, NIPA.....	-56.6	3.0	-53.6	-18.1	-24.0	-42.1

1. See table 4 for receipt reconciliation items and table 5 for expenditure reconciliation items.

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

[Billions of dollars]

	Fiscal year		
	1980	1981	1982
Unified budget receipts	520.0	600.3	650.3
Less: Coverage differences.....	1.2	1.5	1.5
Financial transactions.....			
Plus: Netting differences:			
Contributions to government employees retirement funds.....	8.6	9.7	10.3
Other.....	4.0	5.9	6.5
Timing differences:			
Corporate income tax.....	-5.5	-8.7	-2.1
Federal and State unemployment insurance taxes.....	-.1	.3	.8
Withheld personal income tax and social security contributions.....	-1.3	-.1	.4
Excise taxes.....	.6	3.9	.1
Other.....			
Miscellaneous.....	.3	-.3	.2
Equals: Federal Government receipts, NIPA	525.4	609.5	665.0

exempt from reductions are so-called "social safety net" programs. These include basic social security benefits for the elderly, medicare, railroad retirement, supplemental security income, basic unemployment insurance, and certain veterans' benefits.

Defense spending is increased \$1 billion in 1981 and \$4.4 billion in 1982.

Table 6.—Breakdown of Changes in Federal Receipts, NIPA Basis

[Billions of dollars]

	Change from preceding fiscal year		
	1980	1981	1982
Total receipts	44.7	84.1	55.5
Due to higher tax bases.....	48.0	68.8	89.2
Due to tax changes ¹	-3.3	15.3	-33.7
Enacted.....	-3.3	25.6	9.3
Proposed.....		-10.3	-43.0
Personal tax and nontax receipts.....	26.6	33.8	12.2
Due to higher tax bases.....	40.7	44.9	55.7
Due to tax changes.....	-14.1	-11.1	-43.5
Enacted.....	-14.1	-3.5	-4.4
Proposed.....		-7.6	-39.1
Corporate profits tax accruals.....	-5.2	-2.4	5.0
Due to higher tax bases.....	-2.7	9.1	12.9
Due to tax changes.....	-2.5	-11.5	-7.9
Enacted.....	-2.5	-8.3	-2.1
Proposed.....		-3.2	-5.8
Indirect business tax and nontax accruals.....	6.6	24.5	9.2
Due to higher tax bases.....	1.6	1.6	2.8
Due to tax changes.....	5.0	22.9	6.4
Enacted.....	5.0	22.4	4.8
Proposed.....		.5	1.6
Contributions for social insurance.....	16.7	28.2	29.1
Due to higher tax bases.....	8.4	13.2	17.8
Due to tax changes.....	8.3	15.0	11.3
Enacted.....	8.3	15.0	11.0
Proposed.....			.3

1. Consists of all tax changes since fiscal 1979.

Most of the added spending is for operation and maintenance and for military pay increases. The administration also is asking for substantially more spending authority in 1982 than requested by the previous administration, principally for procurement of weapons already in production.

The individual income tax proposal reduces taxes \$6.4 billion in 1981 and \$44.2 billion in 1982. Under the proposal, tax liabilities are reduced, as compared to present law, 5 percent in calendar year 1981, 15 percent in 1982, 25 percent in 1983, and 30 percent in 1984. Withholding rates are reduced 10 percent on July 1, 1981, and on January 1 of succeeding years in order to match the reduction in liabilities. A large share of the proposed rate reduction offsets tax increases resulting from already-enacted increases in social security payroll taxes and "bracket creep." The latter is the effect on taxpayers of being pushed into tax brackets with higher tax rates as inflation boosts dollar incomes.

The proposed change in depreciation rules reduces receipts \$2.5 billion in 1981 and \$9.7 billion in 1982. The depreciation proposal is a slightly modified version of the 10-5-3 plan discussed in Con-

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

[Billions of dollars]

	Fiscal year		
	1980	1981	1982
Unified budget outlays	579.6	655.2	695.3
Less: Coverage differences:			
Geographic.....	4.5	4.9	4.6
Off-budget Federal entities.....	-14.2	-23.6	-16.7
Other.....	.2	.2	.2
Financial transactions:			
Net lending.....	25.0	28.4	19.7
Other.....	-.3	.1	-.1
Net purchases of land:			
Outer Shelf.....	-2.2	-6.5	-6.7
Continental Other.....	.4	.3	.2
Plus: Netting differences:			
Contributions to government employees retirement funds.....	8.6	9.7	10.3
Other.....	4.0	5.9	6.5
Timing differences:			
National defense purchases.....	-.6	-1.7	-1.8
Other.....	-.3	-2.1	-2.3
Miscellaneous.....	.3	0	.3
Equals: Federal Government expenditures, NIPA	578.2	663.1	707.1

gress last year. The proposal assigns depreciable lives of 10 years to most industrial buildings, 3 years to cars and light trucks, and 5 years to other equipment. It is retroactive to January 1, 1981. The revenue losses in 1981 and

Table 7.—Breakdown of Changes in Federal Expenditures, NIPA Basis

[Billions of dollars]

	Change from preceding fiscal year		
	1980	1981	1982
Total expenditures	83.5	84.9	44.0
Purchases of goods and services:			
Pay raises ¹	3.9	7.2	6.9
Commodity Credit Corporation.....	1.8	-2.9	2.4
Strategic petroleum reserve.....	-.6	3.7	.5
Naval petroleum reserve sales.....	-.7	-1.0	-.2
Transfer payments to persons:			
Social security.....	19.9	26.3	22.6
Unemployment benefits.....	5.4	5.4	-2.8
Military and civilian pensions.....	4.0	4.7	3.7
Trade adjustment assistance.....	1.4	1.0	-2.3
Grants-in-aid to State and local governments:			
Public assistance.....	1.9	3.4	.2
Highways.....	1.9	-.5	-.7
General revenue sharing.....		-1.6	-.6
Education.....	1.0	.4	-1.5
Food and nutrition.....	.7	-.2	-1.3
Public service employment.....	-1.2	-1.1	-2.5
Net interest paid.....	10.6	13.2	4.1
Subsidies less current surplus of government enterprises:			
Housing.....	.9	2.0	1.3
Commodity Credit Corporation deficit.....	.2	-.2	-.7
Agricultural subsidies.....	-1.6	.6	-.6
All other expenditures ²	34.0	24.1	15.5
National defense.....	16.0	16.7	19.2
Nondefense.....	18.0	7.4	-3.7

1. Consists of pay raises since October 1979.

2. Includes purchases of goods and services, transfer payments, grants-in-aid, and subsidies less the current surplus of government enterprises.

1982 are relatively small because the depreciation changes are phased in over 5 years, but increase rapidly in later years, reaching \$85 billion by 1989.

Economic assumptions.—The economic assumptions underlying the fiscal year 1982 budget revisions are shown in table 1. Gross national product (GNP) is forecast to increase about 1½ percent from the fourth quarter of 1980 to the fourth quarter of 1981 and 5¼ percent to the fourth quarter of 1982. Real growth is sluggish until the second half of 1981 and picks up thereafter when the administration's program is in place. Prices, as measured by the GNP deflator, increase 9½ percent to the fourth quarter of 1981 and 7¾ percent to the fourth quarter of 1982. The unemployment rate is forecast to increase to 7.7 percent in the fourth quarter of 1981 and to decline to 7 percent by the end of 1982.

Unified budget

The unified budget deficit decreases from \$54.9 billion in fiscal year 1981 to \$45 billion in fiscal year 1982 (table 2).

Despite the tax reductions, receipts increase \$50 billion—or 8.3 percent—in 1982, to \$650.3 billion. Receipts in 1981 are \$600.3 billion, up 15.4 percent from 1980. Roughly 80 percent of the 1982 increase is accounted for by social insurance taxes and contributions and by excise taxes.

Outlays increase \$40.1 billion—or 6.1 percent—in 1982, to \$695.3 billion. Outlays in 1981 are \$655.2, up 13 percent from 1980. National defense outlays increase \$26.7 billion, accounting for two-thirds of the 1982 increase. Nondefense outlays increase \$13.4 billion. Outlays for income security, health, and interest more than account for the increase; all other outlays, taken together, decline. These "all other outlays," which account for less than one-fifth of the total budget, will be 15 percent below their 1980 level if the budget estimates materialize.

Federal sector of the NIPA's

BEA has prepared estimates of the Federal sector on the national income and product accounting (NIPA) basis consistent with the revised unified budget estimates (table 3). Details of

Table 8.—Breakdown of Revisions in Federal Government Expenditures, NIPA Basis

(Billions of dollars)

	Fiscal year 1981			Fiscal year 1982		
	Total Revisions	Re- ductions	In- creases	Total Revisions	Re- ductions	In- creases
Federal Government expenditures	-7.9	-14.8	7.0	-39.2	-55.9	16.9
Purchases of goods and services;						
National defense.....	.2	-2.4	2.7	5.4	-1.1	6.6
Nondefense.....	-2.1	-2.8	.7	-9.4	-11.6	2.2
Strategic petroleum reserve.....		-.5	.5	-.2	-1.3	1.1
Federal Aviation Administration.....				-1	-.6	.5
Health programs.....	-.1	-.1		-.1	-.6	.5
Commodity Credit Corporation.....	-.1	-.1		-.4		
Energy programs.....	-.3	-.3		-2.3	-2.3	
All other.....	-1.6	-1.8	.2	-6.3	-6.4	.1
Transfer payments.....	-.8	-2.6	1.7	-11.2	-12.4	1.2
To persons.....	-1.3	-2.6	1.2	-11.6	-12.3	.7
Medicare.....	1.2		1.2	.5		.5
Military and civilian pensions.....	-.1	-.1		-.5	-.6	.1
Food stamps.....	-.1	-.1		-1.2	-1.2	
Old age, survivors, and disability insurance.....	-.4	-.4		-4.8	-4.8	
Unemployment benefits.....	-1.2	-1.2		-2.9	-2.9	
All other.....	-.7	-.8		-2.7	-2.8	.1
To foreigners.....	.5		1.5	.4	-.1	1.5
Grants-in-aid to State and local governments.....	-.9	-1.7	.8	-14.2	-17.8	3.6
Mass transit.....	.2		.2	-.2	-.2	
Food and nutrition.....	.1		.1	-1.6	-1.6	
Public assistance;						
Social services.....	.4		.4	.4		.4
Aid to families with dependent children.....				-.8	-.8	
Medicaid.....	-.3	-.3		-.9	-.9	
Highways.....				-.4	-.4	
Waste treatment grants.....				-.4	-.4	
Energy programs.....				-.9	-.9	
Employment assistance.....	-.1	-.1		-1.1	-1.1	
Education.....	-.1	-.2	.1	-2.0	-4.9	3.0
Public service employment.....	-.5	-.5		-3.6	-3.6	
All other.....	-.6	-.6		-2.7	-3.0	.2
Net interest paid.....	-2.9	-3.5	.6	-6.6	-8.4	1.8
Subsidies less current surplus of government enterprises.....	-1.4	-1.8	.5	-3.2	-4.6	1.5
Postal Service.....	.4		.4	1.2	-.2	1.5
Railroad.....				-.3	-.3	
Housing.....	-.1	-.1		-.3	-.3	
Refundable investment tax credit.....	-1.7	-1.7		-3.6	-3.6	
All other.....	.1		.1	-.2	-.2	

1 Bureau of Economic Analysis reestimate.

Table 9.—Relation of National Defense Purchases in the National Income and Product Accounts to National Defense Outlays in the Unified Budget

(Billions of dollars)

	Fiscal year		
	Actual 1980	Estimates	
		1981	1982
National defense outlays in the unified budget	135.9	162.1	188.8
Department of Defense, military.....	132.8	158.6	184.8
Military personnel.....	30.8	37.0	38.8
Retired military personnel.....	11.9	13.9	15.7
Operation and maintenance.....	44.8	53.8	61.3
Procurement.....	29.0	34.1	40.1
Aircraft.....	11.1	13.1	15.5
Missiles.....	2.5	3.2	4.1
Ships.....	4.2	4.9	5.1
Weapons.....	3.2	4.0	4.8
Ammunitions.....	1.3	1.2	1.5
Other.....	6.7	7.6	9.1
Research, development, test, and evaluation.....	13.1	15.2	19.2
Other.....	3.2	4.4	4.4
Civilian and military pay raises ¹		.4	5.4
Atomic energy and other defense related activities.....	3.0	3.5	4.0
Plus: Military assistance outlays.....	3.9	2.9	3.0
Less: Transfer payments to retired military personnel.....	11.9	13.8	15.4
Grants-in-aid and net interest paid.....	1.0	1.1	1.3
Timing differences and other adjustments.....	.8	1.9	2.3
Equals: National defense purchases, NIPA	126.1	148.2	172.9

1. Consists of pay raises effective July and October 1981

Table 10.—Federal Government Receipts and Expenditures, NIPA Basis

(Billions of dollars)

	Fiscal year					Calendar year											
	Actual 1980	Estimates		Actual 1980	Esti- mate 1981	Actual 1980				Estimates							
						I	II	III	IV	1981				1982			
		1981	1982							I	II	III	IV	I	II	III	
Federal Government receipts	525.5	609.5	665.0	540.8	628.2	528.4	520.9	540.8	573.1	611.6	630.1	626.6	644.3	652.0	673.1	693.0	
Legislation proposed:																	
Rate reductions		-7.3	-44.9		-14.8						-6	-28.9	-29.6	-48.2	-49.2	-50.5	
Capital cost recovery program		-3.5	-11.1		-4.7					-4.1	-4.7	-4.8	-5.0	-12.0	-12.6	-13.2	
Other		.5	2.7		1.2							2.2	2.5	2.6	2.8	2.9	
Windfall profits tax	5.8	27.5	33.1	9.2	31.7	2.3	7.7	10.8	16.2	27.7	32.1	34.3	32.6	33.0	33.2	33.6	
Social security	2.1	16.8	27.3	4.3	22.1	4.1	4.2	4.3	4.5	21.3	21.8	22.5	23.1	28.8	29.5	30.2	
Other	517.6	575.5	657.9	527.3	592.7	522.0	509.0	525.7	552.4	566.7	581.5	601.3	620.7	647.8	669.4	690.0	
Personal tax and nontax receipts	249.7	283.5	295.7	257.8	288.3	246.9	252.0	259.4	272.9	285.0	296.8	280.3	291.2	284.9	297.5	309.6	
Legislation proposed:																	
Rate reductions		-7.3	-44.9		-14.8						-6	-28.9	-29.6	-48.2	-49.2	-50.5	
Capital cost recovery program		-3	-2.1		-3						-4	-4	-4	-2.1	-2.1	-2.1	
Other			.3		.1						.2	.2	.2	.2	.4	.4	
Other	249.7	291.1	342.4	257.8	303.3	246.9	252.0	259.4	272.9	285.0	297.8	309.4	321.0	335.0	348.4	361.8	
Corporate profits tax accruals	70.6	68.2	73.2	70.1	68.0	80.5	60.9	66.7	72.5	66.5	65.6	68.1	71.7	71.9	73.7	75.4	
Legislation proposed:																	
Capital cost recovery program		-3.2	-9.0		-4.4					-4.1	-4.3	-4.4	-4.6	-9.9	-10.5	-11.5	
Other	70.6	71.4	82.2	70.1	72.4	80.5	60.9	66.7	72.5	70.6	69.9	72.5	76.3	81.8	84.2	86.5	
Indirect business tax and nontax accruals	35.7	60.2	69.4	40.6	64.8	31.9	38.7	42.9	49.1	60.1	63.0	68.5	67.5	68.9	69.9	71.3	
Legislation proposed:		.5	2.1		1.0							2.0	2.0	2.1	2.1	2.2	
Windfall profits tax	5.8	27.5	33.1	9.2	31.7	2.3	7.7	10.8	16.2	27.7	32.1	34.3	32.6	33.0	33.2	33.6	
Other	29.9	32.2	34.2	31.4	32.1	29.6	31.0	32.1	32.9	32.4	30.9	32.2	32.9	33.8	34.6	35.5	
Contributions for social insurance	169.4	197.6	226.7	172.2	207.1	169.2	169.3	171.8	178.6	200.0	204.7	209.7	213.9	226.3	232.0	236.7	
Legislation proposed:			.3		.1								.3	.3	.3	.3	
Social security:																	
January 1, 1980, base increase:																	
\$22,900-\$25,900	1.4	4.1	4.1	3.6	4.0	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.1	4.1	4.1	4.1	
January 1, 1981, base increase:																	
\$25,900-\$29,700		1.7	4.7		4.1					3.9	4.0	4.2	4.4	4.6	4.8	5.0	
January 1, 1981, rate increase:																	
12.6%-13.3%		9.7	13.9		12.7					12.2	12.5	12.9	13.3	13.7	14.1	14.5	
January 1, 1982, base increase:																	
\$29,700-\$32,100			1.1											2.6	2.6	2.7	
January 1, 1982, rate increase:																	
13.3%-13.4%			1.0											1.3	1.4	1.4	
Self-employed increases	.7	1.3	2.5	.7	1.3	.7	.7	.7	.7	1.3	1.3	1.3	1.3	2.5	2.5	2.5	
Other	167.3	180.8	199.1	167.9	184.9	165.1	165.1	167.5	174.1	178.7	182.9	187.2	190.5	197.2	202.2	206.2	
Federal Government expenditures	578.2	663.1	707.1	602.0	675.7	564.7	587.3	615.0	641.1	658.0	665.5	686.6	692.7	700.3	708.6	727.2	
Purchases of goods and services	190.2	216.6	244.7	198.9	222.0	190.0	198.7	194.9	212.0	217.6	216.6	219.6	234.1	243.7	248.2	252.6	
National defense	126.1	148.2	172.9	131.7	154.0	125.0	128.7	131.4	141.6	144.9	149.5	156.3	165.2	170.4	175.4	180.4	
Pay raises:																	
October 1980		5.0	5.0	1.2	5.0				4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
July 1981		.4	1.9		.9							1.6	1.8	1.9	1.9	2.0	
October 1981			4.0		.9								3.8	4.0	4.0	4.0	
Other	126.1	142.8	162.0	130.5	147.2	125.0	128.7	131.4	136.8	139.9	144.5	149.7	154.6	159.5	164.5	169.4	
Nondefense	64.1	68.4	71.8	67.2	68.0	64.9	70.0	63.5	70.4	72.7	67.1	63.3	68.9	73.3	72.8	72.2	
Pay raises:																	
October 1980		1.8	1.8	.4	1.8				1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
October 1981			1.4		.3								1.3	1.4	1.4	1.4	
Commodity Credit Corporation	.8	-2.1	.3	.7	-2.9	1.9	5.0	-4.2	.1	3.0	-3.0	-8.5	-3.0	2.0	1.4	.8	
Strategic petroleum reserve		3.7	4.2	.6	4.4				2.3	2.0	4.0	6.5	5.0	4.0	4.0	3.9	
Naval petroleum reserve sales	-1.2	-2.2	-2.4	-1.9	-2.3	-1.9	-1.8	-1.9	-1.9	-1.9	-2.5	-2.5	-2.4	-2.4	-2.4	-2.4	
All other	64.5	67.2	66.5	67.0	66.7	64.9	66.8	69.6	67.2	67.8	66.8	66.0	66.2	66.5	66.6	66.7	
Transfer payments	239.3	280.7	302.7	249.8	288.1	228.9	236.0	265.3	269.0	271.2	281.0	301.9	298.4	297.3	300.4	314.8	
To persons	234.7	275.5	297.1	244.9	283.1	224.4	232.2	260.4	262.2	266.2	276.1	294.9	293.1	291.8	294.7	308.9	
Social security	147.4	173.7	196.3	153.9	180.0	142.3	144.7	163.2	165.4	168.6	171.9	188.7	190.6	192.3	193.8	208.7	
Unemployment benefits	14.3	19.7	16.9	15.8	20.7	11.2	15.8	18.8	17.3	15.2	20.7	25.6	21.2	17.7	15.5	13.2	
Regular	13.4	16.3	15.7	14.3	17.3	10.8	14.8	16.8	14.7	12.8	16.9	20.8	18.7	16.7	14.7	12.7	
Extended	.9	3.4	1.2	1.5	3.4	.4	1.0	2.0	2.6	2.4	3.8	4.8	2.5	1.0	.8	.5	
Other	73.0	82.1	83.9	75.2	82.4	70.9	71.7	78.4	80.0	82.4	83.5	82.6	81.3	81.8	85.4	87.9	
To foreigners	4.6	5.2	5.6	4.9	5.0	4.5	3.8	4.9	6.4	5.0	4.9	5.0	5.3	5.5	5.7	5.9	
Grants-in-aid to State and local governments	86.7	89.4	80.4	88.0	86.7	85.5	87.2	87.7	91.8	89.7	89.4	85.8	81.8	80.4	80.3	79.6	
General revenue sharing	6.8	5.2	4.6	6.8	4.6	6.8	6.8	6.8	6.8	4.8	4.6	4.6	4.6	4.6	4.6	4.6	
Public assistance	23.9	27.3	27.5	24.5	27.7	24.1	23.9	23.5	26.1	27.2	27.7	28.2	27.8	27.5	27.5	27.2	
Public service employment	3.6	2.5		3.0	1.8	2.8	3.5	3.2	2.7	2.8	2.5	2.0					
Other	52.4	54.4	48.3	53.7	52.6	51.8	53.0	54.2	56.2	54.9	54.6	51.0	49.4	48.3	48.2	47.8	
Net interest paid	51.2	64.4	68.5	53.3	67.6	50.3	54.4	53.5	55.2	66.9	67.3	68.0	68.2	68.4	68.6	68.8	
Conrail interest payment		.7			.7					2.6							
Other	51.2	63.7	68.5	53.3	66.9	50.3	54.4	53.5	55.2	64.3	67.3	68.0	68.2	68.4	68.6	68.8	
Subsidies less current surplus of government enterprises	10.8	12.0	10.8	12.0	11.3	10.1	11.0	13.7	13.1	12.6	11.2	11.3	10.2	10.5	11.1	11.4	
Agriculture:																	
Commodity Credit Corporation deficit	1.5	1.3	.6	1.5	1.2	.7	.9	3.2	1.1	.3	1.8	2.0	.8	.6	.6	.4	
Subsidies	.7	1.3	.7	1.2	1.1	1.0	1.1	1.2	1.3	1.3	1.3	1.3	.7	.7	.7	.7	
Postal Service	1.6	1.5	1.9	1.8	1.2	1.4	1.7	1.9	2.4	2.6	.4	.6	1.1	1.6	2.2	2.7	
Regular	1.6	2.9	4.6	3.3	3.3				2.4	2.9	3.1	3.3	3.8	4.3	4.9	5.4	
Rate increase		-1.4	-2.7	1.8	2.1	1.4	1.7	1.9		-3	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	
Other	7.0	7.9	7.6	7.5	7.8	7.0	7.3	7.4	8.3	8.4	7.7	7.4	7.6	7.6	7.6	7.6	
Surplus of deficit (—) NIPA	-52.8	-53.6	-42.1	-61.2	-47.5	-36.3	-66.5	-74.2	-68.0	-46.4	-35.4	-60.0	-48.4	-48.3	-35.5	-34.2	

NOTES.—Fiscal year totals are based on unadjusted data and will not always conform to the average of four seasonally adjusted quarters. The estimate for the first quarter of 1981 differs from the "actual" shown in table 3.2.

the NIPA estimates consistent with the January budget appear in *Special Analyses, Budget of the United States Government, Fiscal Year 1982*, "Special Analysis B."

Estimates of the Federal sector are integrated conceptually and statistically with the rest of the NIPA's, and differ in several respects from the unified budget. Unlike the unified budget, they exclude financial transactions, such as loans, and record several categories of receipts and expenditures on a timing basis that is different from the budget. (For a more detailed discussion of the differences, see the February 1980 SURVEY OF CURRENT BUSINESS.) Table 4 shows the relation between unified budget and NIPA receipts and table 5 shows the relation between unified budget outlays and NIPA expenditures.

Federal receipts on the NIPA basis in 1982 are \$665.0 billion, up \$55.5 billion from 1981. The increase is the net result of an \$89.2 billion increase due to higher tax bases and a \$33.7 billion decrease due to tax changes (table 6).

Federal expenditures on the NIPA basis in 1982 are \$707.1 billion, up \$44 billion from 1981. As shown in table 7, social security benefits account for over one-half of the 1982 increase; pay and pensions for Federal employees and net interest paid are also up. Reductions occur in various grants-in-aid to State and local governments, in unemployment benefits, and in agricultural subsidies.

Table 8 shows a more detailed breakdown of the expenditure revisions to the January budget. The 1982 revisions are the net result of \$56 billion of reductions and \$17 billion of increases. The reductions are concentrated in

grants-in-aid, transfer payments to persons, and nondefense purchases. The largest increase occurs in national defense purchases. Table 9 shows the relation between national defense outlays in the unified budget and national defense purchases on the NIPA basis.

Quarterly pattern.—On a quarterly basis, the Federal deficit peaks in the third quarter of 1981 when income tax withholding rates are cut and social security benefits are increased. The deficit declines thereafter; expenditure increases are moderate and receipts rebound following the expected economic expansion (table 10).

The quarterly pattern is estimated by BEA with the cooperation of the Office of Management and Budget, the Social Security Administration, and the Departments of Agriculture, Labor, and Treasury. Receipts reflect the pattern of legislation consistent with the budget revisions and the administration's projected quarterly pattern of wages and profits. Expenditures reflect the pattern of proposed legislation and selected other items, such as cost-of-living increases in retirement benefits and pay raises for Federal employees. All estimates are seasonally adjusted at annual rates.

High-employment surplus or deficit.—The high-employment surplus is an estimate of the amount by which Federal revenues would exceed Federal expenditures if the economy were operating at a high-employment level of activity at current price levels. Consequently, cyclical fluctuations in the economy do not affect high-employment budget receipts or expenditures. The high-employment surplus is therefore a measure, although an imperfect one,

Table 11.—High-Employment Surplus or Deficit (—), NIPA Basis

(Billions of dollars)

	High employment surplus or deficit (—)	Change
Calendar year:		
1979.....	-2.2	13.5
1980.....	-18.3	-16.1
1981.....	22.8	41.1
Quarters:		
1979:		
I.....	-4.6	5.0
II.....	5.1	9.7
III.....	-2.3	-7.4
IV.....	-7.0	-4.7
1980:		
I.....	-17.1	-10.1
II.....	-21.6	-4.5
III.....	-21.2	0.4
IV.....	-13.2	8.0
1981:		
I.....	12.2	25.4
II.....	36.7	24.5
III.....	16.9	-19.8
IV.....	25.6	8.7
1982:		
I.....	19.0	-6.6
II.....	27.0	8.0
III.....	23.2	-3.8

of discretionary fiscal policy. (See the November 1980 SURVEY for a discussion of the limitations of the high-employment budget and BEA's new methodology for calculating it.)

As measured on a high-employment basis, the Federal sector of the NIPA's was in deficit in calendar year 1980 and is forecast to be in surplus in 1981 and 1982. The swing to surplus is concentrated in the first half of 1981, reflecting the large increase in social security taxes in January and an increase in the windfall profits tax resulting from the complete decontrol of domestic oil prices in January. Thereafter, the surplus is reduced somewhat; the subsequent quarterly pattern reflects primarily the proposed tax reductions and increases for social security and Federal pay raises (table 11).

1977 Benchmark Survey of U.S. Direct Investment Abroad

THE results of BEA's 1977 benchmark survey of U.S. direct investment abroad have just been released in a publication entitled *U.S. Direct Investment Abroad, 1977*.¹ A brief description of the survey and selected highlights of the data from it are presented below. Several articles analyzing data from the survey in greater depth will appear in future issues of the *SURVEY OF CURRENT BUSINESS*. Topics such as trade, sales, gross product, and employment of U.S.-based multinational companies will be covered.

The Benchmark Survey

The purpose of the benchmark survey was to obtain complete and accurate data on U.S. direct investment abroad in 1977. U.S. direct investment abroad exists when one U.S. person (U.S. parent) has a direct or indirect ownership interest of 10 percent or more in a foreign business enterprise (foreign affiliate). The survey provides data that shed light on the effects of such investment on the U.S. and foreign economies.

The benchmark survey was a census, i.e., it was intended to cover the universe of direct investment, and reporting in it was mandatory. However, to ease the reporting burden on companies, very small affiliates—those with total assets, sales, and net income of less than \$500,000—were exempted from the survey. Reports covering 3,540 U.S. parents and their 24,666 foreign affiliates were received; 11,123 foreign affiliates were ex-

empted. Despite the large number of exempt affiliates, coverage of the universe in terms of value was virtually complete.²

The 1977 survey was the first benchmark survey of U.S. direct investment abroad conducted under authority of the International Investment Survey Act of 1976. The act requires that a benchmark survey be conducted at least once every 5 years. Previous benchmark surveys, conducted under authority of the Bretton Woods Agreement Act of 1945, were less frequent and less comprehensive in terms of the types of information collected. The last such survey covered 1966.³

In the 1977 survey, three related types of data were collected: (1) foreign affiliate financial and operating data, (2) U.S. parent financial and operating data, and (3) direct investment position and balance of payments data. Affiliate and parent financial and operating data cover balance sheets; inventories; property, plant, and equipment; income statements; sales; employment; employee compensation; merchandise trade; technology; and taxes. The direct investment position and balance of payments data cover positions and transactions between foreign affiliates and their U.S. parents, including data on direct investment capital outflows from U.S. parents to their foreign affiliates and receipts of income and of fees

and royalties by U.S. parents from their foreign affiliates.

The direct investment position and balance of payments data will be used primarily as a benchmark for BEA's regularly published series for these items. In the benchmarking procedure, sample data collected in nonbenchmark years are linked to universe data from the last benchmark survey. The benchmark data are then extrapolated forward, based on the sample data, to obtain universe estimates for subsequent years. At present, estimates for 1967-80 are linked to the 1966 benchmark survey. Revised estimates for 1978-80 will be obtained by linking the sample data for these years to the 1977 benchmark survey, and extrapolating forward. Revised estimates of the balance of payments items will be published in the June *SURVEY*; revised estimates of the position, and more detailed estimates of the balance of payments items, will be published in the August *SURVEY*. The highlights given below are confined to the foreign affiliate and U.S. parent financial and operating data for which regularly published series are not available.

The highlights are further limited to nonbank foreign affiliates of nonbank U.S. parents, and their U.S. parents. In the 1977 benchmark survey, the amount of financial and operating data collected differed depending on whether the foreign affiliates or U.S. parents were banks or nonbanks and, for nonbank affiliates, on their size and on whether they were majority or minority owned. Much more detailed data were collected for nonbank affiliates and parents than for bank affiliates and parents, because most of the information needed by the U.S. Government for the latter

1. The publication includes 389 tables, a methodology of the survey, including the basic concepts and definitions of U.S. direct investment abroad, and reprints of the survey forms and instructions. Copies may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, price \$10.00, stock number 003-010-00079-1.

2. The 11,123 exempt affiliates accounted for 31 percent of the number, but only 1 percent of total assets and less than 1 percent of sales and net income, of all reported and exempt affiliates combined.

3. Results of that survey were published in U.S. Department of Commerce, Bureau of Economic Analysis, *U.S. Direct Investment Abroad, 1966, Final Data* (Washington, D.C.: U.S. G.P.O., n.d.), price \$5.15, stock number 003-024-01073-9. Because of differences in concepts, methodology, and coverage, data from the 1966 and 1977 benchmark surveys are not fully comparable.

already had to be reported to other Government agencies.

Nonbank affiliates of nonbank U.S. parents accounted for 96 percent of the number, and 98 percent of the employment, of all foreign affiliates in 1977 (table 1). However, they accounted for only 59 percent of the total assets of all affiliates, because their assets tend, on the average, to be lower than those of bank affiliates. Bank affiliates' assets normally reflect substantial financial claims arising from their lending activities (their liabilities tend to be high as well, because of their sizable borrowing activities and customers' deposits). Similarly, nonbank parents accounted for 97 percent of both the number and employment, but only 73 percent of the total assets, of all U.S. parents.

The most detailed affiliate financial and operating data in the benchmark survey were obtained for the larger majority-owned nonbank affiliates, i.e., for nonbank affiliates in which the combined direct and indirect ownership interest of all U.S. parents exceeded 50 percent and in which assets, sales, or net income were at least \$3 million in 1977. In the highlights presented below, the data for all nonbank affiliates of nonbank U.S. parents are supplemented by selected data for these

majority-owned affiliates. Majority-owned affiliates accounted for 50 percent of the number, 72 percent of the total assets, and 75 percent of the employment of all nonbank affiliates of nonbank parents in 1977.

Selected Highlights

Balance sheets

- Total assets of nonbank affiliates of nonbank U.S. parents were \$490.2 billion at yearend 1977. About 30 percent of the total was property, plant, and equipment, net of accumulated depletion and depreciation; 28 percent was current receivables; and 17 percent was inventories.

- Nonbank affiliates had total liabilities of \$318.6 billion, of which \$205.1 billion was current liabilities and \$78.8 billion was long-term debt. Owners' equity in affiliates was \$171.6 billion; 88 percent was in incorporated affiliates and 12 percent in unincorporated affiliates.

- Majority-owned nonbank affiliates had total liabilities of \$215.0 billion, of which \$142.0 billion was current liabilities and \$46.3 billion was long-term debt. Only 12 percent of these affiliates' current liabilities and 18 percent of their long-term debt were owed to U.S.

parents; most of the remainder was owed to unaffiliated foreigners.

- For all nonbank affiliates, almost three-fourths of total assets—\$359.6 billion—were accounted for by affiliates in developed countries (table 2 and chart 8). Canada had the largest total—\$86.2 billion. Assets of European affiliates, at \$206.6 billion, were concentrated in the European Communities (9); the United Kingdom, Germany, and France had the largest shares. Japanese affiliates had assets of \$41.8 billion; only 16 percent were held by majority-owned affiliates (compared with 79 percent for affiliates in all other developed countries combined).

- Total assets of nonbank affiliates in developing countries were \$115.8 billion. Brazil and Bermuda had the largest totals—just over \$17 billion each.

- By industry of affiliate, total assets were concentrated in manufacturing (\$190.9 billion) and petroleum (\$114.4 billion) (table 3). Assets in finance (except banking), insurance, and real estate were \$76.8 billion, in trade \$56.1 billion, in mining \$18.3 billion, and in "other industries" \$33.7 billion. Of the manufacturing total, chemicals and "other manufacturing" each accounted for 20 percent, transportation equipment for 17 percent, and nonelectrical machinery for 15 percent. Of the petroleum total, petroleum and coal products accounted for 44 percent, and oil and gas extraction for 27 percent.

- Of total assets of manufacturing affiliates, 80 percent were in developed countries—51 percent in Europe alone (table 4). Within Europe, assets were largest in the United Kingdom (\$25.1 billion), Germany (\$21.5 billion), and France (\$15.8 billion). In Canada, assets were \$30.8 billion. Among developing countries, assets were largest in Brazil (\$12.5 billion) and Mexico (\$7.5 billion).

- Of total assets of petroleum affiliates, 67 percent were in developed countries, 24 percent in developing countries, and 9 percent in "international" (mainly tanker operations). Among developed countries, assets were largest in Canada (\$18.1 billion), Japan (\$13.0 billion), and the United Kingdom (\$12.0 bil-

Table 1.—Number, Total Assets, and Employment of Foreign Affiliates and U.S. Parents, by Type of Affiliate or Parent

	Number of affiliates or parents	Total Assets (Millions of dollars)	Employment (Number of employees)
Affiliate data			
1 All affiliates.....	24,666	829,617	7,342,050
2 Nonbank affiliates.....	23,782	494,611	7,207,100
3 Nonbank affiliates of nonbank parents.....	23,641	490,178	7,196,691
4 Majority-owned nonbank affiliates of nonbank parents ¹	11,909	352,357	5,368,826
5 Minority-owned nonbank affiliates of nonbank parents ²	11,732	137,821	1,827,865
6 Nonbank affiliates of bank parents.....	141	4,433	10,409
7 Bank affiliates.....	884	335,006	134,950
U.S. parent data			
8 All parents.....	3,540	2,128,470	19,415,065
9 Parents of nonbank affiliates ³	3,451	1,810,443	19,096,987
10 Nonbank parents of nonbank affiliates.....	3,425	1,543,240	18,884,636
11 Nonbank parents of majority-owned nonbank affiliates ^{1,4}	1,996	1,475,362	17,509,800
12 Nonbank parents of minority-owned nonbank affiliates ^{2,4}	2,705	1,272,135	16,547,747
13 Bank parents of nonbank affiliates.....	26	267,203	212,351
14 Parents of bank affiliates ³	128	622,769	751,372
Addenda:			
15 Nonbank affiliates of nonbank parents as percentage of all affiliates.....	95.8	59.1	98.0
16 Nonbank parents of nonbank affiliates as percentage of all parents.....	96.7	72.5	97.3

1. A "majority-owned nonbank affiliate" is a nonbank affiliate in which the combined direct and indirect ownership interest of all U.S. parents exceeds 50 percent and in which assets, sales, or net income were at least \$3 million in 1977.

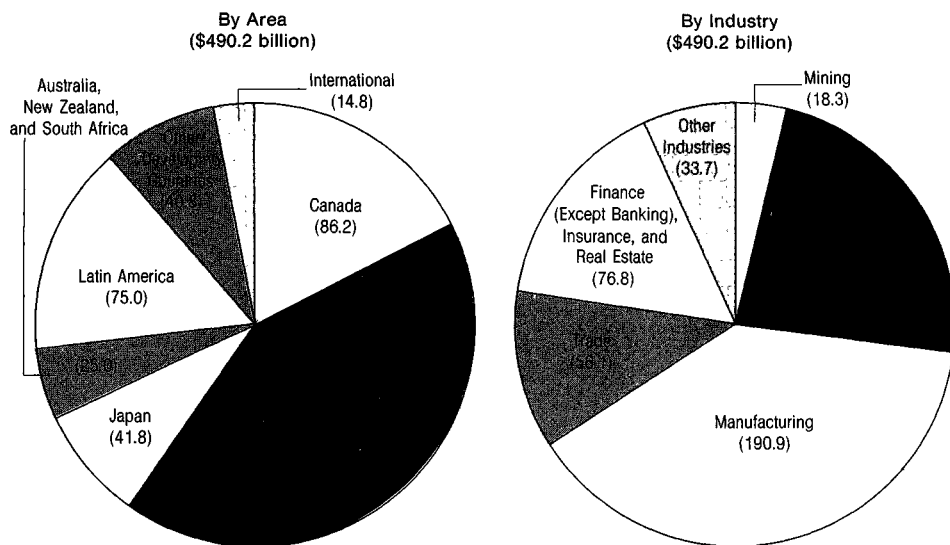
2. A "minority-owned nonbank affiliate" is any nonbank affiliate that is not a "majority-owned nonbank affiliate," as defined in footnote 1.

3. Because some parents may have both nonbank and bank affiliates, the sum of lines 9 and 14 contains duplication and does not equal the total in line 8.

4. Because some parents may have both majority- and minority-owned affiliates, the sum of lines 11 and 12 contains duplication and does not equal the total in line 10.

CHART 8

Total Assets of Nonbank Affiliates of Nonbank U.S. Parents, 1977, by Area and by Industry



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

-4-8

lion); among developing countries, they were concentrated in the Middle East and Indonesia.

- Net property, plant, and equipment of nonbank affiliates was \$151.4 billion. As with total assets, it was concentrated in developed countries, particularly Canada, the United Kingdom, and Germany. By industry, 40 percent was in manufacturing, 34 percent in petroleum, 10 percent in "other industries," and 8 percent in mining.

- Majority-owned affiliates accounted for 69 percent of net property, plant, and equipment of all nonbank affiliates. Of the total, 7 percent was property and 93 percent was plant and equipment.

- For nonbank U.S. parents of nonbank affiliates, total assets were \$1,543.2 billion. Of the total, 45 percent was current assets, 31 percent was net property, plant, and equipment, 8 percent was equity investment in foreign affiliates, and 16 percent was other assets. By industry of U.S. parent, manufacturing accounted for 41 percent of total assets; finance (except banking), insurance, and real estate for 25 percent; and petroleum and "other industries" for 14 percent each. Within manufacturing, transportation equipment, chemicals,

primary and fabricated metals, and nonelectrical machinery had large totals.⁴

- Total assets of nonbank affiliates are classified by industry of U.S. parent in table 3, column 13. Affiliates of parents in manufacturing had assets of \$259.0 billion, 53 percent of total assets of all affiliates; affiliates of parents in petroleum accounted for most of the remainder. Within manufacturing, affiliates of parents in transportation equipment—mainly motor vehicles—and in chemicals had the largest totals.

- Worldwide assets of U.S.-based multinational companies (MNC's)—defined as the sum of total assets of non-

4. The distribution of U.S. parent data by industry was affected by the consolidation rules applied in the benchmark survey. In the survey, a U.S. parent was defined as a fully consolidated U.S. business enterprise. If a U.S. corporation was owned more than 50 percent by the enterprise, but was normally excluded from full consolidation in reports to stockholders—because, for example, it was a finance company, but the owning enterprise was a manufacturer, or its operations were otherwise unrelated to those of the owning enterprise—the benchmark survey nevertheless required its data to be consolidated (or aggregated, if consolidation would have caused an undue burden) with those of the enterprise. (In consolidation, positions and transactions between related entities are eliminated, whereas in aggregation they are not.) The consolidation (or aggregation) would have affected the distribution of the U.S. parent data by industry, if the corporation being consolidated (or aggregated) was in a different industry from the owning enterprise.

bank affiliates and of their nonbank U.S. parents—were \$2,033.4 billion; 76 percent were assets of U.S. parents and 24 percent were assets of foreign affiliates.⁵ When the worldwide assets of each MNC are classified by industry of U.S. parent, the affiliate shares of the industry totals so obtained were highest in petroleum (38 percent) and mining (35 percent), and lowest in finance (except banking), insurance, and real estate (10 percent) and "other industries" (11 percent). In manufacturing, which accounted for 44 percent of worldwide assets, the affiliate share was 29 percent; within manufacturing, it was highest in nonelectrical machinery (35 percent) and lowest in food, primary and fabricated metals, and "other manufacturing" (about 25 percent each).

Income statements

- Nonbank affiliates of nonbank U.S. parents had total income of \$656.1 billion, of which \$648.0 billion was sales (or gross operating revenues). Total costs and expenses were \$632.2 billion, including \$54.0 billion of foreign income taxes. Net income was \$23.9 billion.

5. When total assets of U.S. parents and affiliates are summed, assets that reflect intercompany positions and, therefore, appear on the books of both parents and affiliates are counted twice. Such duplication of assets may be eliminated by consolidation. Data needed to remove most, but not all, of the duplication are available from the benchmark survey. Thus, consolidated worldwide assets of U.S.-based MNC's can be roughly estimated at \$1,818.2 billion. This is the sum of total assets of U.S. parents (\$1,543.2 billion) and affiliates (\$490.2 billion), less: U.S. parents' receivables from, and equity investment in, foreign affiliates (\$29.6 billion and \$123.4 billion, respectively); affiliates' receivables from U.S. parents (\$11.5 billion); and affiliates' receivables from, and equity investment in, other foreign affiliates of their U.S. parents (\$27.4 billion and \$23.4 billion, respectively). It should be noted that affiliates' receivables from other foreign affiliates were reported only for majority-owned affiliates. Thus, consolidated worldwide assets are overstated to the extent that minority-owned affiliates had receivables due from other foreign affiliates of U.S. parents. Also, U.S. parent assets (and, therefore, consolidated worldwide assets) are overstated due to aggregation because, in aggregation, intercompany assets are not eliminated (see footnote 4).

Because intercompany assets appear on both U.S. parents' and foreign affiliates' books, a decision to remove such assets from one set of books or the other in order to eliminate the duplication would be essentially arbitrary. Therefore, no attempt is made here to calculate the parents' and affiliates' respective shares of consolidated worldwide assets.

Table 2.—Selected Data for Nonbank Affiliates of Nonbank U.S. Parents, 1977, by Country

	Total assets	Net property, plant, and equipment	Sales	Net income	Employment (Number of employees)	Employee compensation	U.S. exports shipped to affiliates	U.S. imports shipped by affiliates
	Millions of dollars					Millions of dollars		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
All countries.....	490,178	151,413	647,969	23,944	7,196,691	76,593	40,787	41,525
Developed countries.....	359,583	109,633	449,015	15,335	4,980,691	63,998	32,522	22,089
Canada.....	86,223	31,801	94,876	3,994	1,064,467	16,217	17,303	15,641
Europe.....	206,605	60,571	276,275	9,416	3,110,471	38,792	12,335	5,097
European Communities (9).....	164,950	48,607	225,909	7,383	2,688,914	33,282	10,313	4,328
Belgium.....	12,091	3,335	16,998	335	157,002	2,841	1,595	(D)
Denmark.....	1,947	559	3,452	39	20,317	354	89	32
France.....	24,315	6,907	34,747	443	470,886	6,707	1,556	(D)
Germany.....	37,796	11,597	60,435	2,038	587,405	9,822	1,932	899
Ireland.....	2,084	672	2,009	290	27,555	207	172	125
Italy.....	12,218	3,140	15,899	347	212,848	2,524	789	149
Luxembourg.....	1,294	212	696	45	7,548	133	68	68
Netherlands.....	18,486	5,295	27,008	1,586	136,063	2,455	1,426	195
United Kingdom.....	54,719	16,889	64,666	2,261	1,069,290	8,287	2,686	2,267
Other Europe.....	41,655	11,964	50,366	2,033	421,557	5,510	2,022	769
Austria.....	2,542	686	3,180	155	32,129	513	85	18
Greece.....	849	227	1,498	34	16,601	129	57	(D)
Norway.....	5,784	3,731	3,945	341	21,632	433	123	(D)
Portugal.....	576	150	803	25	19,372	120	(D)	11
Spain.....	11,890	4,679	12,202	228	216,721	2,192	601	(D)
Sweden.....	4,044	1,201	4,921	49	42,864	837	238	32
Switzerland.....	14,179	955	21,373	1,165	47,109	1,023	790	308
Turkey.....	674	110	1,079	-60	14,566	136	(D)	3
Other.....	1,117	225	1,364	96	10,563	127	54	(D)
Japan.....	41,776	8,089	51,895	709	389,123	4,814	1,215	1,162
Australia, New Zealand, and South Africa.....	24,979	9,172	25,970	1,216	416,630	4,175	1,669	189
Australia.....	18,336	6,809	18,125	830	269,344	3,327	1,204	(D)
New Zealand.....	1,022	296	1,393	46	21,245	159	94	2
South Africa.....	5,621	2,068	6,453	339	126,041	688	371	(D)
Developing countries.....	115,822	32,951	183,219	8,558	2,175,096	12,109	8,142	19,400
Latin America.....	75,041	18,348	73,287	4,078	1,347,036	7,845	4,730	5,834
South America.....	31,717	10,873	35,331	1,783	771,000	5,092	2,732	1,011
Argentina.....	2,959	869	4,075	259	108,039	572	200	13
Brazil.....	17,331	6,227	19,340	792	435,661	2,889	797	415
Chile.....	397	154	610	30	10,121	70	58	1
Colombia.....	1,914	574	2,410	128	61,276	341	204	(D)
Ecuador.....	463	197	629	41	9,622	50	58	(D)
Peru.....	1,725	1,199	1,021	34	26,324	137	93	(D)
Venezuela.....	6,135	1,272	6,436	475	101,241	923	1,240	(D)
Other.....	794	381	810	24	18,716	109	82	(D)
Central America.....	14,831	4,345	15,083	916	480,374	2,272	1,628	1,211
Mexico.....	9,515	3,415	10,833	380	370,115	1,813	1,309	807
Panama.....	3,482	238	1,681	442	20,828	164	132	(D)
Other.....	1,834	692	2,569	95	89,431	295	188	(D)
Other Western Hemisphere.....	28,493	3,130	22,873	1,378	95,662	481	369	3,612
Bahamas.....	1,974	447	2,425	56	7,595	66	82	1,191
Bermuda.....	17,241	225	14,414	990	2,481	31	19	22
Netherlands Antilles.....	5,473	439	2,160	61	4,560	55	39	(D)
Trinidad and Tobago.....	1,483	899	1,395	126	15,707	113	53	(D)
Other.....	2,322	1,121	2,478	145	65,319	216	177	514
Other Africa.....	9,716	4,079	16,662	587	161,129	861	418	4,723
Saharan.....	2,751	1,176	6,758	221	25,934	280	124	1,862
Egypt.....	1,092	661	839	77	5,705	44	32	(D)
Libya.....	1,097	348	5,068	159	5,032	82	47	1,749
Other.....	562	167	850	-15	15,197	153	45	(D)
Sub-Saharan.....	6,965	2,903	9,904	366	135,195	581	294	2,861
Liberia.....	928	197	268	39	29,766	64	(D)	(D)
Nigeria.....	1,786	614	4,808	233	17,907	110	89	2,336
Other.....	4,250	2,092	4,828	95	87,522	407	(D)	(D)
Middle East.....	14,576	4,999	66,607	2,246	138,317	1,915	1,113	2,915
Israel.....	1,128	279	995	54	21,155	198	(D)	(D)
OPEC.....	12,403	4,312	63,660	2,162	104,877	1,558	990	2,848
Iran.....	3,460	1,254	11,675	389	38,047	370	141	2,369
Other.....	8,943	3,057	51,984	1,773	66,830	1,188	849	478
Other.....	1,046	408	1,952	30	12,285	159	(D)	(D)
Other Asia and Pacific.....	16,489	5,525	26,664	1,647	528,614	1,487	1,882	5,928
Hong Kong.....	2,631	360	5,301	395	44,847	213	360	1,917
India.....	1,802	624	2,287	50	94,622	164	23	(D)
Indonesia.....	3,085	1,460	5,605	716	52,465	266	137	1,865
Malaysia.....	878	375	1,245	69	35,969	91	242	(D)
Philippines.....	2,059	499	3,080	95	111,768	183	277	191
Singapore.....	1,549	478	2,554	159	44,184	178	386	735
South Korea.....	2,293	883	3,511	87	31,058	146	160	(D)
Taiwan.....	1,000	383	1,304	108	68,040	140	181	535
Thailand.....	657	282	1,070	24	27,337	63	82	(D)
Other.....	535	182	707	-56	18,324	43	35	10
International.....	14,773	8,830	15,734	51	40,904	486	123	36
Addendum: OPEC.....	25,524	8,394	86,879	3,800	304,937	3,143	2,608	9,221

D Suppressed to avoid disclosure of data for a specific person.

- Nonbank affiliates in developed countries accounted for \$449.0 billion, or 69 percent, of total affiliate sales. As with total assets, affiliates in Canada, the United Kingdom, Germany, Japan, and France had the largest shares; together they accounted for 68 percent of the developed countries' total. Sales by affiliates in developing countries were \$183.2 billion; affiliates in Middle East countries that are members of the Organization of Petroleum Exporting Countries accounted for over one-third.

- By industry of affiliate, petroleum and manufacturing each accounted for just under 40 percent of total sales. Trade—mainly wholesale—accounted for most of the remainder. Affiliates in developed countries accounted for 83 percent of sales by manufacturing affiliates and for 47 percent of sales by petroleum affiliates.

- Sales by majority-owned affiliates were \$507.0 billion, or 78 percent of sales by all nonbank affiliates. Of the total, one-third was sales to affiliated customers (i.e., to the U.S. parent or to other foreign affiliates of the U.S. parent). By destination, 62 percent of majority-owned affiliates' sales were local (i.e., charged to customers in the affiliate's country of location), 18 percent were charged to U.S. customers, and 20 percent were charged to customers in third countries. More than three-fourths of sales to U.S. customers were by petroleum affiliates; these sales largely reflected crude petroleum that affiliates engaged in petroleum extraction charged to U.S. parents but shipped to affiliates in other countries. (Actual shipments of goods to U.S. parents by petroleum affiliates were much smaller than sales charged.)

- Majority-owned manufacturing affiliates had sales of \$194.2 billion; 69 percent were local, 9 percent were to U.S. customers, and 22 percent were to customers in third countries. More than one-half of the sales to U.S. customers were by affiliates in the motor vehicles industry, mainly in Canada.

- Nonbank U.S. parents of nonbank affiliates had total income of \$1,448.0 billion, of which sales (or gross operating revenues) were \$1,412.3 billion and

equity in net income of foreign affiliates was \$18.2 billion. Total costs and expenses were \$1,366.6 billion, including U.S. income taxes of \$48.3 billion. Net income was \$81.4 billion.

Employment and employee compensation

- Nonbank affiliates of nonbank U.S. parents employed 7.2 million workers, and paid employee compensation of \$76.6 billion.⁶ Affiliates in developed countries accounted for 69 percent (5.0 million) of total employment. Employment was highest for affiliates in Canada and the United Kingdom (1.1 million each), Germany (0.6 million), France (0.5 million), and Japan (0.4 million). Affiliates in developing countries employed 2.2 million workers. Of the total, 1.3 million were in Latin America—mainly in Brazil, Mexico, Argentina, and Venezuela—and 0.5 million were in "other Asia and Pacific"—mainly in the Philippines, India, and Taiwan.

- By industry of affiliate, more than two-thirds of total employment was in manufacturing, 14 percent in trade, and 10 percent in "other industries." Affiliates in petroleum, which accounted for 28 percent of total assets of all nonbank affiliates, accounted for only 5 percent of total employment. Within manufacturing, the highest employment was in "other manufacturing" (1.1 million, mainly in rubber, instruments, paper, and textiles), transportation equipment (0.9 million), and electric and electronic equipment (0.8 million).

- Majority-owned affiliates employed 5.4 million workers, 75 percent of the total for all nonbank affiliates. Of these, 63,000 were research and development (R&D) scientists and engineers; they were concentrated in manufacturing affiliates in Europe, mainly in the United Kingdom, Germany, and France. Less than 1 percent (40,000) of majority-owned affiliates' workers were U.S. citizens.

6. For both affiliates and U.S. parents, employment is average full-time and part-time employment for the year; employee compensation is the sum of wages and salaries and of employer expenditures for employee benefit plans.

- Employee compensation paid by majority-owned affiliates was \$59.5 billion, or 78 percent of that paid by all nonbank affiliates; \$48.6 billion was wages and salaries and the remainder was employer expenditures for employee benefit plans.

- Majority-owned affiliates in manufacturing employed 3.8 million workers, of which 2.4 million were production workers and 1.5 million were nonproduction workers. Total employee compensation paid by these affiliates was \$40.4 billion; \$21.7 billion was paid to production workers and \$18.8 billion to nonproduction workers. For production workers, the average compensation rate was \$4.90 per hour worldwide. In developed countries, where almost three-fourths of these workers were employed, the average compensation rate was \$6.30 per hour; in developing countries, it was \$1.70 per hour.⁷

- Nonbank U.S. parents of nonbank affiliates employed 18.9 million workers, 28 percent of employment by all nonbank U.S. businesses.⁸ Of the total, 418,000 were R&D scientists and engineers. U.S. parents paid employee compensation of \$324.1 billion—\$266.1 billion in wages and salaries and \$57.9 billion in employee benefit plans. Parents in manufacturing accounted for 62 percent of total employment, those in "other industries" (mainly in transportation, communication, and public utilities) for 15 percent, and those in trade for 13 percent.

- Of the 11.8 million employees of U.S. parents in manufacturing, 7.3 million were production workers and 4.5 million were nonproduction workers. These parents paid employee compensation of \$215.8 billion—\$120.2 billion to production workers and \$95.7 billion

7. Compensation rates in U.S. dollars indicate comparative levels of employer labor costs. However, because compensation includes more than current labor income of workers (e.g., it includes employer contributions to health and retirement plans), and because prices of goods and services vary greatly among countries, they do not indicate relative living standards of workers.

8. Data for all nonbank U.S. businesses are from U.S. Department of Commerce, Bureau of Economic Analysis, *National Income and Product Tables, 1976-79*, forthcoming, table 6.7. To improve comparability, data covering private households, government and government enterprises, and banking were excluded from the total for all domestic industries shown in table 6.7.

Table 3.—Selected Data for Nonbank Affiliates of Nonbank U.S. Parents, and for Their U.S. Parents, 1977, by Industry

	By industry of affiliate—Affiliate data								By industry of U.S. parent					
	Total assets	Net property, plant, and equipment	Sales	Net income	Employment (Number of employees)	Employee compensation	U.S. exports shipped to affiliates	U.S. imports shipped by affiliates	U.S. parent data				Affiliate data	
									Total assets	Employment (Number of employees)	U.S. exports shipped by U.S. parents	U.S. imports shipped to U.S. parents	Total assets	Employment (Number of employees)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
All industries	490,178	151,413	647,969	23,944	7,196,691	76,593	40,787	41,525	1,543,240	18,884,636	93,456	77,872	490,178	7,196,691
Mining	18,286	12,043	9,611	815	187,816	1,828	229	1,449	7,489	65,342	(D)	191	4,022	41,142
Metal mining	15,800	10,729	7,662	458	168,331	1,547	185	1,157	2,894	21,796	(D)	(D)	2,365	26,572
Iron	5,453	4,007	2,154	218	36,994	558	60	315	(D)	(D)	(D)	(D)	(D)	(D)
Copper, lead, zinc, gold, and silver	5,771	3,869	2,788	—3	79,939	569	49	195	(D)	(D)	(D)	(D)	(D)	(D)
Bauxite, other ores, and services	4,576	2,853	2,720	244	51,398	420	75	647	50	100	(*)	0	(D)	(D)
Coal and other nonmetallic minerals	2,485	1,315	1,949	357	19,485	281	45	292	4,595	43,546	(D)	(D)	1,657	14,570
Petroleum	114,400	52,099	237,346	6,612	369,905	6,054	2,035	17,831	218,756	890,511	4,829	34,442	135,780	424,995
Oil and gas extraction	30,448	18,798	30,962	3,561	96,207	1,431	513	6,888	12,448	68,964	466	(D)	3,922	16,183
Crude petroleum (no refining) and gas	25,929	16,620	27,806	3,178	44,702	722	249	6,849	9,471	37,340	(D)	(D)	3,251	9,065
Oil and gas field services	4,519	2,178	3,156	383	51,505	709	264	40	2,967	31,624	(D)	(D)	671	7,118
Petroleum and coal products	50,247	21,221	112,877	2,070	185,613	3,342	918	(D)	181,603	717,685	(D)	(D)	118,008	361,700
Integrated refining and extraction	23,234	11,822	69,089	1,892	106,088	2,053	678	1,362	180,455	709,020	(D)	30,508	117,910	(D)
Refining without extraction	26,364	9,112	43,032	111	73,427	1,227	222	1,347	(D)	(D)	0	(D)	(D)	(D)
Petroleum and coal products, nec.	649	288	757	67	6,098	62	18	(D)	(D)	(D)	(D)	1	(D)	536
Petroleum wholesale trade	19,206	2,600	76,587	811	55,901	829	514	7,556	11,572	57,638	(D)	2,837	10,941	38,277
Other	14,500	9,480	16,920	170	32,184	453	90	(D)	13,134	46,224	25	(D)	2,909	8,835
Manufacturing	190,868	60,563	246,325	8,787	4,848,957	50,105	28,164	19,611	633,416	11,775,081	67,454	30,587	259,031	5,322,882
Food and kindred products	14,176	4,453	25,604	856	436,216	3,549	1,255	618	48,359	1,016,702	2,758	(D)	16,736	483,960
Grain mill and bakery products	3,058	1,108	6,641	191	90,050	886	399	20	8,182	199,016	(D)	(D)	2,437	77,969
Beverages	3,060	946	3,413	238	56,198	473	49	175	7,847	122,782	(D)	237	2,987	60,777
Other	8,057	2,400	15,550	427	289,968	2,190	806	423	32,329	694,904	(D)	(D)	11,312	345,214
Chemicals and allied products	38,782	15,345	43,326	1,621	614,086	6,763	3,462	827	97,410	1,207,675	9,212	2,857	47,143	747,114
Industrial chemicals and synthetics	19,443	9,587	20,103	377	223,900	2,818	1,758	369	54,958	652,827	6,108	1,123	27,388	344,231
Drugs	7,161	1,646	7,930	565	178,257	1,641	772	121	20,258	253,902	1,421	370	10,902	225,455
Soap, cleaners, and toilet goods	4,496	1,296	7,365	351	117,639	1,235	327	(D)	11,515	167,363	562	(D)	5,447	134,743
Agricultural chemicals	2,827	1,472	2,238	100	27,794	255	222	(D)	4,720	21,277	(D)	(D)	1,460	5,708
Other	4,455	1,394	5,690	229	66,496	814	383	64	5,959	112,306	(D)	119	1,946	36,977
Primary and fabricated metals	21,406	7,777	20,035	650	396,241	4,319	1,114	1,168	87,073	1,484,236	4,215	3,213	29,991	457,978
Primary metal industries	11,921	5,052	9,857	277	171,915	1,826	512	512	64,312	990,625	2,712	2,425	22,849	284,908
Ferrous	4,329	1,832	3,153	95	67,011	710	101	169	41,180	732,657	1,205	1,174	9,645	122,678
Nonferrous	7,592	3,221	6,705	182	104,904	1,117	411	343	23,132	257,968	1,508	1,251	13,204	162,230
Fabricated metal products	9,485	2,724	10,177	373	224,326	2,493	602	656	22,760	498,611	1,503	787	7,142	173,070
Machinery, except electrical	28,352	8,068	33,406	2,106	627,374	8,650	3,405	1,381	82,777	1,546,343	12,404	2,218	44,182	762,544
Farm and garden machinery and equipment	2,230	342	3,446	95	59,647	658	310	234	6,276	90,583	912	(D)	2,261	36,341
Construction and related machinery	6,119	1,309	7,169	130	151,972	1,683	760	294	17,069	312,997	4,328	450	7,231	143,060
Office and computing machines	12,668	4,932	14,116	1,594	206,488	4,187	1,473	572	32,629	502,823	3,309	(D)	23,821	357,815
Other	7,335	1,485	8,315	287	209,267	2,122	361	342	26,804	639,940	3,855	422	10,869	225,328
Electric and electronic equipment	17,118	3,590	22,326	909	756,324	6,353	2,611	2,757	46,749	1,274,090	7,748	3,420	21,110	658,595
Household appliances	2,658	495	3,962	99	117,026	1,152	360	191	5,842	169,644	635	(D)	2,598	111,912
Radio, TV, and communication equipment	6,418	1,120	7,594	314	249,869	2,587	413	606	12,628	320,321	1,798	(D)	2,552	89,666
Electronic components and accessories	3,186	1,726	5,115	294	219,096	1,102	1,331	1,828	4,956	157,109	1,444	925	1,686	106,801
Other	4,856	1,249	5,656	202	170,393	1,513	506	131	23,323	627,016	3,870	1,309	14,275	350,216
Transportation equipment	32,108	8,111	57,788	995	909,628	9,918	12,126	9,604	132,478	2,289,002	21,019	(D)	53,723	1,083,144
Motor vehicles and equipment	29,547	7,680	54,884	1,102	838,041	8,881	11,955	9,363	95,842	1,356,856	13,280	(D)	43,642	843,955
Other	2,561	431	2,904	—107	71,587	1,036	171	241	36,636	932,146	7,739	1,138	10,081	239,189
Other manufacturing	38,926	13,219	44,200	1,649	1,109,088	10,553	4,191	3,256	138,571	2,956,983	10,100	4,165	46,145	1,129,547
Tobacco manufactures	2,763	467	2,114	82	51,754	423	231	29	11,229	97,993	(D)	(D)	3,772	76,900
Textile products and apparel	3,334	932	4,004	77	142,089	898	348	114	21,410	667,753	657	(D)	6,559	157,355
Lumber, wood, furniture, and fixtures	1,707	714	2,295	94	57,779	621	74	463	15,292	268,438	1,064	381	2,080	55,492
Paper and allied products	7,874	3,843	8,101	399	161,456	1,904	693	1,584	22,207	341,690	1,445	507	7,891	164,181
Printing and publishing	1,081	176	1,527	98	33,971	332	79	37	11,532	253,418	294	350	2,091	47,049
Rubber products	6,279	2,394	7,459	26	183,074	1,747	409	247	12,981	293,693	958	556	7,354	232,653
Miscellaneous plastics products	1,302	448	1,585	81	38,694	353	(D)	14	2,677	67,268	153	(D)	760	16,389
Glass products	2,699	1,033	2,828	93	68,198	719	107	81	5,033	131,090	348	(D)	2,869	69,992
Stone, clay, cement, and concrete	3,343	1,329	3,183	148	82,892	825	171	138	10,901	170,639	398	287	3,665	79,731
Instruments and related products	5,615	1,218	7,192	378	176,720	1,914	1,179	291	18,031	414,688	3,124	642	7,288	181,232
Other	2,930	663	3,913	172	112,461	816	(D)	309	7,278	250,373	(D)	537	1,817	48,573
Trade	56,101	9,965	102,997	2,947	990,312	10,144	9,461	1,808	84,260	2,471,642	18,020	11,265	18,983	454,137
Wholesale trade	46,563	7,185	84,733	2,538	504,615	7,280	8,802	1,783	27,209	270,993	17,773	8,989	10,067	106,051
Durable goods	28,572	5,093	45,139	1,686	341,035	4,997	5,803	1,085	13,382	129,879	3,050	6,570	4,683	46,616
Nondurable goods	17,991	2,091	39,594	852	223,580	2,282	3,000	699	13,826	141,114	14,722	2,420	5,384	59,435
Retail trade	9,538	2,780	18,263	409	425,697	2,864	659	25	57,052	2,200,649	248	2,276	8,916	348,086
Finance (except banks), insurance, and real estate	76,775	2,173	14,746	3,125	93,745	1,216	38	(D)	379,947	862,004	(D)	220	44,117	430,219
Finance, except banking	32,977	348	3,682	703	24,273	348	4	0	51,825	145,452	341	78	6,623	26,636
Insurance	24,022	923	10,072	830	61,920	776	(D)	1	320,081	694,844	(D)	125	25,460	307,543
Real estate	1,186	668	195	—12	1,527	13	1							

to nonproduction workers. For production workers, the average compensation rate was \$8.60 per hour.

- In table 3, column 14, employment of nonbank affiliates is disaggregated by industry of U.S. parent. Affiliates of U.S. parents in manufacturing accounted for 74 percent of total affiliate employment; 7 percent of the total was accounted for by affiliates of parents in "other industries" and 6 percent each by affiliates of parents in petroleum; trade; and finance (except banking), insurance, and real estate.

- U.S.-based MNC's—parents and affiliates combined—employed 26.1 million workers worldwide, of which 28 percent were employed by affiliates. By industry of U.S. parent, the affiliate shares ranged from 39 percent in mining to 16 percent each in trade and "other industries." In manufacturing, which accounted for about two-thirds of worldwide MNC employment, the affiliate share was 31 percent; within manufacturing, the affiliate shares ranged from 38 percent in chemicals to 24 percent in primary and fabricated metals.

U.S. merchandise trade

- U.S. exports shipped to nonbank affiliates of nonbank U.S. parents were \$40.8 billion, of which \$32.4 billion, or nearly 80 percent, were from U.S. parents; the remainder were from unaffiliated U.S. persons. By area of destination, 42 percent of the exports were shipped to Canada, 30 percent to Europe, mainly the European Communities (9), and 12 percent to Latin America. By industry of affiliate, 69 percent of the exports were to manufacturing, 23 percent to trade, and 5 percent to petroleum affiliates.

- Of exports to all nonbank affiliates, 88 percent were to majority-owned affiliates. The distributions of exports to these affiliates by area of destination and by industry of affiliate were very similar to those for exports to all nonbank affiliates.

- In the benchmark survey, U.S. exports to majority-owned affiliates were disaggregated by broad product categories as well as by industry of affiliate.

By product, manufactured goods accounted for 88 percent of total exports to majority-owned affiliates; exports of road motor vehicles accounted for 30 percent, machinery for 29 percent, and chemicals for 11 percent of the total.⁹ Most of the exports of road motor vehicles were to Canadian affiliates.

- By intended use, 57 percent of exports to majority-owned affiliates were for resale without further manufacture, 4 percent were capital equipment for use by affiliates, and 38 percent were for other purposes, mainly further processing or assembly by affiliates.

- U.S. exports shipped by nonbank U.S. parents to all foreigners were \$93.5 billion, of which \$32.4 billion were to foreign affiliates and \$61.1 billion to unaffiliated foreigners. By area of destination, 31 percent were shipped to Europe, 20 percent to Canada, 13 percent to Latin America, and 9 percent each to Japan and the Middle East. By industry of U.S. parent, 72 percent of the exports were shipped by manufacturing, 19 percent by trade, and 5 percent by petroleum parents.

- Total MNC-associated exports (i.e., exports associated with both nonbank affiliates and their nonbank U.S. parents) were \$101.8 billion. This total is the sum of (1) U.S. exports shipped to the affiliates by both U.S. parents and other U.S. persons of \$40.8 billion, and (2) U.S. exports shipped by the U.S. parents to unaffiliated foreigners of \$61.1 billion. MNC-associated exports accounted for 84 percent of total U.S. exports.¹⁰

- U.S. imports shipped by nonbank affiliates of nonbank U.S. parents were \$41.5 billion, of which \$32.6 billion, or 79 percent, were shipped to U.S. parents and the remainder to unaffiliated U.S.

persons. By area of origin, 38 percent of the imports were from Canada, 12 percent from Europe, 14 percent each from Latin America and "other Asia and Pacific," and 11 percent from "other Africa." By industry of affiliate, 47 percent of the imports were from manufacturing affiliates, mainly in developed countries, and 43 percent from petroleum affiliates, mainly in developing countries.

- U.S. imports from majority-owned affiliates were \$38.0 billion. They accounted for 92 percent of imports from all nonbank affiliates; their distributions by area of origin and by industry of affiliate were very similar to those for all nonbank affiliates.

- By product, 48 percent of U.S. imports from majority-owned affiliates were manufactured goods, of which 22 percent were road motor vehicles and 13 percent machinery.¹¹ Imports of mineral fuels, largely petroleum, accounted for 44 percent of the total. About three-fourths of the imports from majority-owned affiliates were products of the affiliates themselves (i.e., were grown, extracted, processed, assembled, or manufactured by the affiliates); about one-fourth were products of others.

- U.S. imports shipped to nonbank U.S. parents by all foreigners were \$77.9 billion, of which \$32.6 billion were from foreign affiliates and \$45.2 billion from unaffiliated foreigners. Data on parent imports from unaffiliated foreigners by area of origin were not collected in the benchmark survey; thus, data on total U.S. parent imports by area are not available. By industry of U.S. parent, 44 percent of the imports were shipped to petroleum, 39 percent to manufacturing, and 14 percent to trade parents.

- Total MNC-associated imports were \$86.8 billion. This total is the sum of (1) U.S. imports shipped by the affiliates to both their U.S. parents and other U.S. persons of \$41.5 billion, and

9. In the benchmark survey, exports of road motor vehicles were overstated (and exports of other types of goods understated), largely because some reporters erroneously classified certain automotive parts and accessories in road motor vehicles that, based on the Standard International Trade Classification, should have been classified instead in other categories.

10. Data for total U.S. exports are on a Census basis, f.a.s. U.S. port of exportation, as published in Anthony J. DiLullo, "U.S. International Transactions, First Quarter 1980," SURVEY OF CURRENT BUSINESS (June 1980), table 3, page 42. They exclude military grant shipments.

11. In the benchmark survey, U.S. imports of road motor vehicles may have been overstated (and imports of other types of goods understated) by reporters' inclusion of certain automotive parts and accessories in road motor vehicles that should have been included instead in other categories (see also footnote 9).

Table 4.—Total Assets of Nonbank Affiliates of Nonbank U.S. Parents, 1977, Country by Industry

[Millions of dollars]

	All industries	Mining	Petroleum	Manufacturing								Trade	Finance (except banking, insurance, and real estate)	Other industries
				Total	Food and kindred products	Chemicals and allied products	Primary and fabricated metals	Machinery, except electrical	Electric and electronic equipment	Transportation equipment	Other manufacturing			
All countries.....	490,178	18,286	114,400	190,868	14,176	38,782	21,406	28,352	17,118	32,108	38,926	56,101	76,775	33,748
Developed countries.....	359,583	12,246	76,238	152,520	10,809	28,227	16,837	25,348	13,042	26,869	31,387	47,912	49,474	21,194
Canada.....	86,223	6,648	18,109	30,796	2,617	5,460	3,428	2,474	2,104	5,615	9,097	6,263	18,613	5,794
Europe.....	206,605	224	41,914	97,549	6,447	17,802	11,477	19,512	9,461	15,376	17,474	27,643	25,365	13,909
European Communities (9).....	164,950	88	31,304	84,834	5,367	15,620	8,646	18,391	7,799	14,019	14,992	17,544	19,510	11,660
Belgium.....	12,091	(D)	1,497	6,502	271	2,508	287	670	1,297	(D)	(D)	2,070	1,339	(D)
Denmark.....	1,947	0	(D)	393	99	(D)	(D)	4	151	2	75	538	154	(D)
France.....	24,315	(D)	(D)	15,818	915	2,197	3,082	4,082	1,042	2,025	2,475	3,355	1,106	(D)
Germany.....	37,796	(D)	7,030	21,484	953	2,863	1,828	4,730	1,889	6,600	2,621	2,943	3,019	(D)
Ireland.....	2,084	5	355	1,417	182	420	53	166	63	26	507	103	185	19
Italy.....	12,218	0	2,381	7,455	446	1,445	477	2,111	1,372	448	1,155	1,551	311	520
Luxembourg.....	1,294	0	34	544	2	(D)	(D)	73	(D)	0	(D)	75	639	2
Netherlands.....	18,486	0	4,453	6,123	603	2,076	546	963	(D)	(D)	1,228	1,717	2,942	3,251
United Kingdom.....	54,719	5	12,033	25,098	1,896	3,915	2,324	5,591	1,767	4,053	5,553	5,193	9,814	2,576
Other Europe.....	41,655	136	10,610	12,715	1,080	2,182	2,831	1,121	1,661	1,357	2,482	10,099	5,855	2,240
Austria.....	2,542	0	(D)	529	52	54	33	75	(D)	(D)	(D)	561	(D)	116
Greece.....	849	4	203	470	37	138	(D)	0	51	0	(D)	118	36	16
Norway.....	5,784	(D)	4,543	617	(D)	41	(D)	(D)	(D)	0	108	399	(D)	155
Portugal.....	576	0	122	312	37	66	(D)	4	(D)	(D)	63	104	(D)	(D)
Spain.....	11,890	(D)	2,711	7,262	640	1,360	(D)	307	835	1,219	(D)	979	255	(D)
Sweden.....	4,044	0	1,197	1,651	154	309	160	501	143	43	342	797	185	213
Switzerland.....	14,179	0	786	1,446	(D)	159	45	126	240	0	(D)	6,629	4,322	996
Turkey.....	674	(D)	(D)	244	14	(D)	0	(D)	(D)	(D)	65	53	0	(D)
Other.....	1,117	0	166	183	0	(D)	3	(D)	(D)	0	(D)	459	200	109
Japan.....	41,776	0	12,952	14,610	799	3,313	787	2,332	745	3,702	2,932	11,583	2,225	407
Australia, New Zealand, and South Africa.....	24,979	5,374	3,263	9,565	945	1,652	1,145	1,030	733	2,176	1,884	2,423	3,271	1,084
Australia.....	18,336	4,092	2,040	6,774	623	1,226	869	730	443	1,559	1,323	1,688	2,833	910
New Zealand.....	1,022	(D)	(D)	398	55	78	6	10	28	(D)	(D)	203	95	28
South Africa.....	5,621	(D)	(D)	2,393	268	348	270	290	261	(D)	(D)	532	343	145
Developing countries.....	115,822	6,040	28,001	38,348	3,367	10,555	4,569	3,004	4,076	5,239	7,539	8,189	27,301	7,942
Latin America.....	75,041	3,746	7,986	28,966	2,752	7,523	3,439	2,462	2,355	4,406	6,029	5,363	25,373	3,608
South America.....	31,717	2,373	2,628	19,790	1,582	4,976	1,881	1,998	1,679	3,422	4,252	2,761	2,567	1,598
Argentina.....	2,959	(D)	348	2,115	132	506	69	257	122	602	426	288	82	(D)
Brazil.....	17,331	1,295	865	12,451	899	3,300	891	1,654	1,311	2,017	2,348	898	1,329	493
Chile.....	397	(D)	97	157	10	61	(D)	2	(D)	(D)	43	(D)	4	52
Colombia.....	1,914	(D)	344	1,044	73	364	63	11	58	(D)	(D)	193	87	(D)
Ecuador.....	463	0	186	205	42	43	(D)	0	16	(D)	72	47	6	18
Peru.....	1,725	(D)	371	268	45	70	43	3	16	(D)	(D)	(D)	(D)	24
Venezuela.....	6,135	(*)	228	3,206	334	586	570	69	137	595	915	1,117	1,003	579
Other.....	794	20	188	344	48	16	(D)	2	(D)	(D)	(D)	69	(D)	(D)
Central America.....	14,831	577	807	8,402	840	2,309	1,545	462	662	984	1,600	1,715	2,317	1,013
Mexico.....	9,515	(D)	107	7,507	543	2,042	1,519	458	602	969	1,374	896	337	(D)
Panama.....	3,482	4	483	183	(D)	67	0	0	1	0	(D)	629	1,890	293
Other.....	1,834	(D)	218	712	(D)	199	25	4	59	15	(D)	190	90	(D)
Other Western Hemisphere.....	28,493	796	4,550	774	330	238	13	2	14	(*)	177	887	20,490	997
Bahamas.....	1,974	(D)	95	(D)	(D)	0	0	0	1	0	(D)	225	516	(D)
Bermuda.....	17,241	0	1,684	6	0	0	0	0	2	0	0	4	412	193
Netherlands Antilles.....	5,473	(D)	583	14	4	(D)	0	0	0	0	(D)	34	4,710	(D)
Trinidad and Tobago.....	1,483	0	1,179	188	(D)	(D)	0	0	0	0	(D)	19	23	75
Other.....	2,322	775	(D)	471	307	36	(D)	0	(D)	(*)	108	198	294	(D)
Other Africa.....	9,716	2,045	4,657	1,032	140	182	(D)	18	130	54	(D)	429	712	840
Saharan.....	2,751	0	2,300	157	15	41	6	14	5	(D)	(D)	85	4	205
Egypt.....	1,092	0	962	(D)	0	(D)	0	0	0	0	0	(D)	1	102
Libya.....	1,097	0	1,077	(D)	0	0	0	0	0	0	(D)	(D)	0	3
Other.....	562	0	260	133	15	(D)	6	(D)	5	(D)	49	66	3	100
Sub-Saharan.....	6,965	2,045	2,357	875	125	140	(D)	3	124	(D)	197	345	708	635
Liberia.....	928	(D)	3	3	3	0	0	0	0	0	0	(D)	551	153
Nigeria.....	1,786	0	1,134	197	(D)	66	(D)	0	(D)	0	34	119	(D)	(D)
Other.....	4,250	(D)	(D)	675	(D)	74	(D)	3	(D)	0	163	(D)	(D)	(D)
Middle East.....	14,576	25	9,254	1,665	52	350	433	97	297	(D)	(D)	658	608	2,366
Israel.....	1,128	0	(D)	560	(D)	148	(D)	(D)	(D)	(D)	81	95	(D)	(D)
OPEC.....	12,403	25	8,587	844	32	199	(D)	(D)	(D)	(D)	(D)	508	(D)	(D)
Iran.....	3,460	(D)	1,670	777	(D)	161	(D)	(D)	58	(D)	(D)	422	18	(D)
Other.....	8,943	(D)	6,917	67	(D)	39	(D)	(D)	(D)	0	0	86	(D)	(D)
Other.....	1,046	0	(D)	261	(D)	2	(D)	(*)	(D)	(D)	(D)	54	57	(D)
Other Asia and Pacific.....	16,489	224	6,105	6,684	423	2,500	(D)	427	1,295	(D)	1,109	1,740	608	1,128
Hong Kong.....	2,631	0	569	518	(D)	128	21	38	175	1	(D)	838	362	343
India.....	1,802	0	211	1,484	(D)	648	(D)	193	148	71	(D)	17	(D)	(D)
Indonesia.....	3,085	(D)	2,327	11	87	15	15	1	(D)	3	(D)	28	11	(D)
Malaysia.....	878	(D)	437	287	18	46	9	(D)	166	5	(D)	93	11	(D)
Philippines.....	2,059	(*)	(D)	956	238	180	98	2	92	(D)	(D)	207	114	(D)
Singapore.....	1,549	0	577	574	11	12	69	168	263	(D)	(D)	250	38	110
South Korea.....	2,293	0	945	1,215	18	865	1	(D)	67	(D)	(D)	72	28	33
Taiwan.....	1,000	0	45	848	40	351	2	(D)	315	77	(D)	94	8	6
Thailand.....	657	13	241	240	37	46	29	0	25	1	102	111	5	46
Other.....	535	(D)	(D)	187	(D)	137	0	(*)	(D)	0	(D)	30	(D)	110
International.....	14,773	0	10,161	0	0	0	0	0	0	0	0	0	0	4,611
Addendum: OPEC.....	25,524	391	13,777	4,853	437	985	770	146	314	885	1,316	1,850	1,347	3,307

* Less than \$500,000(±).

D Suppressed to avoid disclosure of data for a specific person.

(2) U.S. imports shipped to U.S. parents by unaffiliated foreigners of \$45.2 billion. MNC-associated imports accounted for 59 percent of total U.S. imports.¹²

R&D expenditures

- R&D expenditures by majority-owned nonbank affiliates (these data are not available for other nonbank affiliates) were \$2.1 billion in 1977. Nearly all expenditures—92 percent—were by affiliates in developed countries. Affiliates in Europe, particularly in Germany, the United Kingdom, and France, accounted for 73 percent and affiliates in Canada for 12 percent. By

12. Data for total U.S. imports are on a Census basis, f.a.s. foreign port of exportation, as published in DiLullo, "U.S. International Transactions," table 3, page 42.

The reported benchmark survey data are stored on magnetic tape. Unpublished data can be tabulated and results of data manipulations, including regression analyses, can be provided at cost, within the limits of available resources and subject to the requirement of the International Investment Survey Act to avoid disclosure of data for specific persons. For further information, write to International Investment Division, BE-50(OC), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230.

industry of affiliate, manufacturing accounted for 86 percent of the expenditures. Within manufacturing, the largest expenditures were in transportation equipment, chemicals, and electric and electronic equipment.

- Expenditures by nonbank U.S. parents of nonbank affiliates for R&D for their own (rather than others') benefit

were \$19.0 billion, of which 90 percent were by parents in manufacturing. Within manufacturing, transportation equipment, nonelectrical machinery, and chemicals had the largest shares. Federally funded expenditures for R&D performed by U.S. parents, whether for their own or others' benefit, were \$8.0 billion.

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 capita personal income ²			Total personal income								Per cent change 1980: III 1980: IV
	Millions of dollars			Per cent change 1979-80	Dollars			(Millions of dollars, seasonally adjusted at annual rates)								
	1978 *	1979 *	1980 *		1978 *	1979 *	1980 *	1979				1980				
								I *	II *	III *	IV *	I *	II *	III *	IV *	
United States.....	1,712,066	1,927,005	2,133,827	10.7	7,846	8,757	9,458	1,852,247	1,894,582	1,951,157	2,010,035	2,062,761	2,088,490	2,155,782	2,228,277	3.4
New England.....	97,588	109,586	122,463	11.8	7,955	8,916	9,929	105,267	107,471	110,787	114,821	118,554	120,092	123,984	127,221	2.6
Connecticut.....	27,959	31,555	35,442	12.3	8,973	10,129	11,445	30,394	30,846	31,849	33,133	34,335	34,856	35,903	36,672	2.1
Maine.....	6,915	7,737	8,693	12.4	6,335	7,052	7,734	7,428	7,594	7,832	8,094	8,340	8,529	8,778	9,126	4.0
Massachusetts.....	45,890	51,349	57,243	11.5	7,952	8,901	9,992	49,196	50,429	51,996	53,777	55,406	56,061	58,057	59,447	2.4
New Hampshire.....	6,514	7,422	8,326	12.2	7,495	8,370	9,080	7,143	7,282	7,490	7,775	8,103	8,132	8,393	8,674	3.3
Rhode Island.....	7,108	7,900	8,750	10.8	7,624	8,500	9,250	7,627	7,764	7,982	8,226	8,490	8,593	8,827	9,089	3.0
Vermont.....	3,201	3,622	4,010	10.7	6,568	7,343	7,839	3,479	3,556	3,637	3,817	3,880	3,921	4,026	4,213	4.6
Midwest.....	346,404	383,515	423,610	10.5	8,203	9,110	10,056	368,988	377,567	387,783	399,721	409,837	415,781	427,948	440,875	3.0
Delaware.....	4,903	5,402	6,068	12.3	8,402	9,280	10,195	5,198	5,339	5,463	5,608	5,814	5,869	6,134	6,453	5.2
District of Columbia.....	6,320	6,852	7,553	10.2	9,418	10,452	11,883	6,563	6,717	6,986	7,141	7,251	7,361	7,700	7,900	2.6
Maryland.....	35,321	38,718	43,338	11.9	8,516	9,333	10,322	37,219	38,137	39,188	40,329	41,276	42,570	43,992	45,515	3.5
New Jersey.....	64,347	71,454	79,051	10.6	8,796	9,746	10,755	68,785	70,258	72,158	74,614	76,782	77,642	79,842	81,940	2.6
New York.....	145,370	160,704	177,658	10.5	8,192	9,106	10,143	154,542	158,282	162,632	167,360	171,553	174,377	180,006	184,694	2.6
Pennsylvania.....	90,144	100,385	109,942	9.5	7,663	8,558	9,294	96,680	98,834	101,356	104,669	107,162	107,961	110,274	114,373	3.7
Great Lakes.....	338,876	376,513	405,727	7.8	8,221	9,126	9,771	366,744	372,316	380,221	386,774	395,121	395,879	408,729	423,178	3.5
Illinois.....	100,015	110,393	121,039	9.6	8,900	9,859	10,658	106,599	109,155	111,945	113,875	116,227	119,008	123,234	125,688	2.0
Indiana.....	41,567	46,280	49,030	5.9	7,716	8,570	9,078	45,325	45,774	46,442	47,578	48,226	47,717	48,844	51,331	5.1
Michigan.....	78,106	86,369	90,976	5.3	8,507	9,381	9,847	85,567	85,814	86,762	87,333	89,863	87,810	90,769	95,463	5.2
Ohio.....	83,997	93,495	101,237	8.3	7,826	8,713	9,308	91,074	92,133	94,446	96,327	98,563	98,777	102,034	105,575	3.5
Wisconsin.....	35,191	39,976	43,444	8.7	7,515	8,470	9,254	38,179	39,440	40,626	41,662	42,241	42,567	43,848	45,121	2.9
Plains.....	129,546	145,194	156,972	8.1	7,605	8,487	9,154	139,620	143,471	146,985	150,700	153,708	153,795	158,134	162,250	2.6
Iowa.....	22,920	25,163	26,705	6.1	7,887	8,669	9,178	24,494	24,948	25,417	25,794	26,355	26,281	26,844	27,340	1.8
Kansas.....	18,755	21,555	23,464	8.9	7,989	9,009	9,958	20,407	21,347	21,843	22,625	22,721	22,974	23,693	24,467	3.3
Minnesota.....	31,470	35,507	38,738	9.1	7,821	8,746	9,519	34,018	35,096	35,870	37,044	38,009	37,964	39,001	39,978	2.5
Missouri.....	35,414	40,055	43,402	8.4	7,311	8,248	8,846	38,633	39,443	40,689	41,506	42,500	42,390	43,780	44,927	2.6
Nebraska.....	11,630	13,050	13,951	6.9	7,412	8,291	8,914	12,485	12,871	13,299	13,442	13,687	13,641	14,122	14,352	1.6
North Dakota.....	4,984	5,047	5,583	10.6	7,635	7,683	8,556	4,961	4,913	5,073	5,243	5,404	5,493	5,536	5,902	6.6
South Dakota.....	4,372	4,816	5,130	6.5	6,335	6,992	7,452	4,622	4,752	4,845	5,048	5,024	5,052	5,159	5,284	2.4
Southeast.....	336,908	380,325	424,557	11.6	6,826	7,621	8,116	365,378	373,346	384,411	398,168	407,503	414,702	429,948	446,075	3.8
Alabama.....	23,654	26,275	28,964	10.2	6,345	6,971	7,484	25,479	25,774	26,286	27,564	28,153	28,271	29,104	30,329	4.2
Arkansas.....	13,396	15,159	16,401	8.2	6,182	6,953	7,180	14,731	14,723	15,322	15,860	16,007	15,899	16,640	17,058	2.5
Florida.....	65,791	75,631	86,944	15.0	7,591	8,521	9,987	71,921	74,129	76,793	79,681	82,026	84,997	88,819	92,235	3.8
Georgia.....	34,636	39,031	43,241	10.8	6,825	7,627	8,000	37,557	38,349	39,375	40,842	41,734	42,156	43,720	45,355	3.7
Kentucky.....	23,187	26,016	28,121	8.1	6,645	7,377	7,718	25,300	25,633	26,100	26,972	27,880	27,490	28,274	29,339	3.8
Louisiana.....	26,804	30,508	34,787	14.0	6,739	7,594	8,282	29,023	29,794	30,940	32,273	33,190	33,984	35,277	36,998	4.0
Mississippi.....	13,456	15,060	16,347	8.5	5,586	6,200	6,508	14,559	14,652	15,120	15,911	15,927	15,904	16,522	16,975	2.7
North Carolina.....	37,101	41,382	45,919	11.0	6,660	7,382	7,852	40,022	40,883	41,657	42,966	44,083	45,042	46,388	48,162	3.8
South Carolina.....	18,398	20,688	23,082	11.6	6,340	7,056	7,519	19,822	20,369	20,876	21,687	22,283	22,456	23,362	24,227	3.7
Tennessee.....	28,534	32,046	35,395	10.5	6,585	7,316	7,786	30,991	31,550	32,406	33,235	34,017	34,798	35,759	37,004	3.5
Virginia.....	39,687	44,631	50,229	12.5	7,666	8,588	9,435	42,609	43,941	45,281	46,742	48,035	49,173	50,822	52,888	4.1
West Virginia.....	12,262	13,898	15,127	8.8	6,589	7,402	7,831	13,363	13,550	14,245	14,435	14,668	14,772	15,261	15,807	3.6
Southwest.....	148,317	171,689	195,932	14.1	7,615	8,600	9,246	162,626	167,900	174,536	181,694	187,372	191,314	198,696	206,347	3.9
Arizona.....	17,519	20,674	23,521	13.8	7,383	8,438	8,649	19,577	20,149	21,070	21,899	22,557	23,134	23,720	24,672	4.0
New Mexico.....	8,189	9,287	10,309	11.0	6,742	7,482	7,956	8,879	9,126	9,414	9,729	9,946	10,127	10,412	10,750	3.2
Oklahoma.....	21,049	24,274	27,257	12.3	7,405	8,394	9,061	23,012	23,798	24,769	25,577	26,468	26,597	27,478	28,484	3.7
Texas.....	101,560	117,454	134,846	14.8	7,784	8,778	9,513	111,158	114,886	119,283	124,489	128,402	131,456	137,086	142,441	3.9
Rocky Mountain.....	45,938	52,242	58,954	12.8	7,518	8,319	9,015	49,708	51,081	53,179	54,999	56,545	57,772	59,508	61,992	4.2
Colorado.....	21,928	25,268	28,718	13.7	8,102	9,114	9,964	24,105	24,676	25,774	26,517	27,580	28,144	29,005	30,146	3.9
Idaho.....	6,160	6,905	7,682	11.2	6,983	7,632	8,126	6,587	6,750	6,987	7,297	7,304	7,502	7,777	8,145	4.7
Montana.....	5,515	5,917	6,619	11.9	7,071	7,528	8,445	5,590	5,804	6,012	6,286	6,326	6,547	6,659	6,944	4.3
Utah.....	8,666	9,819	10,921	11.2	6,881	7,182	7,485	9,348	9,576	10,030	10,322	10,567	10,695	11,001	11,421	3.8
Wyoming.....	3,668	4,332	5,014	15.7	8,627	9,630	10,692	4,078	4,274	4,377	4,596	4,768	4,884	5,066	5,338	5.4
Far West.....	256,652	295,038	331,275	12.3	8,782	9,884	10,658	281,439	288,768	300,212	309,724	320,272	325,265	334,369	345,193	3.2
California.....	198,113	227,793	255,647	12.2	8,879	10,037	10,856	217,514	222,823	231,761	239,067	247,223	251,276	257,8		

Table 2.—Percent Change in Selected Shares of Personal Income 1979–80

State and region	Total personal income	Labor and proprietors' income of persons engaged in production ¹												
		Total	Farm	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation, communication and public utilities	Services	Other	Government		
												Federal civilian	Federal military	State and local
United States.....	10.7	8.2	-20.6	15.3	4.4	6.4	9.1	14.0	9.4	13.1	5.5	7.6	9.2	7.1
New England.....	11.8	9.9	-11.4	14.3	8.2	9.7	9.9	14.9	10.9	12.3	7.0	7.4	7.6	5.3
Connecticut.....	12.3	11.0	1.8	23.5	14.9	11.0	11.8	14.5	9.4	11.6	2.1	12.5	9.2	4.2
Maine.....	12.4	10.4	-19.4	21.8	13.3	12.8	8.6	13.6	11.9	13.3	11.7	9.0	5.1	6.5
Massachusetts.....	11.5	9.6	-7.8	9.3	6.6	8.4	9.9	15.6	11.7	12.8	7.9	5.3	4.9	4.8
New Hampshire.....	12.2	10.0	-16.2	-1.1	.3	11.8	8.2	13.5	11.3	13.0	4.6	7.1	7.7	8.4
Rhode Island.....	10.8	8.1	-4.6	-12.1	-3.5	7.9	7.1	14.1	9.8	10.5	4.1	4.1	17.8	7.7
Vermont.....	10.7	8.1	-15.8	-1.1	4.3	9.6	7.8	14.4	8.3	12.5	6.8	10.8	-4.9	7.3
Mideast.....	10.5	8.1	-11.5	.7	4.1	6.2	7.9	14.4	7.2	12.4	2.5	7.2	7.8	5.9
Delaware.....	12.3	11.4	-22.0	-54.6	12.3	16.9	6.1	12.0	7.1	14.1	-1.4	13.1	7.1	4.9
District of Columbia.....	10.2	7.6	0	10.3	.4	7.9	8.8	15.5	8.6	13.9	2.5	4.4	8.7	.4
Maryland.....	11.9	10.8	-14.3	24.8	7.8	10.9	8.9	10.2	11.9	14.6	.1	8.4	9.8	12.7
New Jersey.....	10.6	8.9	-.1	-2.8	2.1	6.4	8.1	13.5	10.2	14.2	3.3	8.4	5.4	8.5
New York.....	10.5	8.2	-13.4	8.2	6.0	6.0	7.6	15.7	6.9	10.9	1.6	10.0	6.4	4.6
Pennsylvania.....	9.5	6.5	-9.7	-.8	1.7	4.7	7.7	12.4	4.2	13.0	4.7	7.4	8.4	4.3
Great Lakes.....	7.8	4.1	-28.6	4.6	-.4	.8	6.3	11.8	5.2	11.1	4.8	8.3	7.9	7.2
Illinois.....	9.6	6.6	-38.0	3.4	7.3	4.8	8.5	11.0	8.1	11.5	5.3	8.8	12.4	6.7
Indiana.....	5.9	1.8	-26.0	.2	-6.5	-.6	5.2	10.8	.5	10.1	5.9	12.0	7.4	5.1
Michigan.....	5.3	1.1	-26.3	2.4	-11.3	-3.5	2.8	10.8	2.4	10.5	3.9	5.2	3.7	7.4
Ohio.....	8.3	4.9	-25.8	8.4	5.3	1.1	6.4	14.2	4.8	10.7	4.4	7.6	3.6	7.4
Wisconsin.....	8.7	5.3	-20.7	5.5	-5.6	4.1	7.3	12.2	8.0	13.0	5.0	10.2	2.5	9.1
Plains.....	8.1	4.6	-29.2	10.6	-4.6	4.9	6.9	13.1	8.0	13.3	3.6	8.5	8.3	6.0
Iowa.....	6.1	1.3	-37.7	-8.3	-8.4	4.3	5.9	12.7	4.8	10.6	3.2	14.1	2.3	5.7
Kansas.....	8.9	5.9	-27.7	26.2	.1	7.6	8.8	11.8	7.0	14.2	1.7	8.7	8.7	7.7
Minnesota.....	9.1	6.3	-22.0	-5.9	-.2	6.4	6.5	13.7	8.8	14.9	5.4	11.6	.9	6.4
Missouri.....	8.4	4.5	-25.5	-2.8	-8.6	2.2	6.1	13.0	8.3	13.6	3.8	5.8	11.8	4.8
Nebraska.....	6.9	3.5	-33.8	7.1	-5.3	6.7	9.1	13.7	9.1	11.2	3.9	6.6	8.6	6.0
North Dakota.....	10.6	7.4	-9.2	50.6	-4.7	2.4	6.2	13.6	14.3	14.1	3.2	7.5	6.6	6.6
South Dakota.....	6.5	2.5	-41.0	24.0	-3.6	15.1	7.9	13.7	5.5	12.7	-1.4	8.3	8.2	4.7
Southeast.....	11.6	9.1	-22.7	10.8	9.9	8.2	9.7	14.0	11.4	14.5	4.8	8.3	9.7	7.1
Alabama.....	10.2	7.0	-25.4	8.0	5.7	5.2	7.6	9.7	10.0	12.3	1.3	12.1	14.3	6.6
Arkansas.....	8.2	3.8	-32.9	14.4	-2.6	6.0	7.9	12.4	7.5	12.0	.3	10.1	6.7	10.9
Florida.....	15.0	13.1	-9.1	14.2	20.1	13.4	13.7	17.5	15.1	16.6	5.8	8.8	5.3	6.1
Georgia.....	10.8	8.8	-30.8	9.7	10.1	8.2	9.7	13.3	13.3	12.8	2.6	5.1	12.6	7.4
Kentucky.....	8.1	4.0	-23.8	6.7	-8.9	2.6	4.9	13.5	8.1	11.8	6.6	2.2	7.4	5.4
Louisiana.....	14.0	13.1	-24.1	23.9	17.9	12.3	11.0	12.2	13.1	16.2	7.0	10.1	8.6	9.8
Mississippi.....	8.5	4.0	-38.1	24.6	-.5	2.7	9.5	11.2	7.9	13.0	3.8	11.6	15.2	5.6
North Carolina.....	11.0	8.6	-7.4	5.5	3.9	9.8	6.1	12.2	10.8	13.3	4.2	10.3	9.9	7.2
South Carolina.....	11.6	9.2	-31.7	7.3	13.7	8.8	10.6	14.0	11.9	13.8	4.4	6.7	11.9	6.0
Tennessee.....	10.5	7.9	-18.2	4.8	2.9	7.5	8.3	12.4	7.9	12.6	2.4	9.7	9.2	5.3
Virginia.....	12.5	11.4	-36.5	16.5	15.6	11.1	11.9	15.5	10.6	16.6	7.3	7.1	9.7	8.9
West Virginia.....	8.8	4.7	-20.9	-2.0	.4	2.6	5.7	11.4	7.9	13.8	6.1	11.0	3.9	6.7
Southwest.....	14.1	12.9	-17.4	23.1	7.9	14.9	13.3	18.8	14.2	15.7	6.6	5.6	8.8	10.3
Arizona.....	13.8	11.5	-10.2	6.1	-.2	19.2	11.6	19.4	14.7	15.1	4.5	9.5	5.9	9.1
New Mexico.....	11.0	8.2	-26.4	19.4	-5.1	7.4	8.5	9.5	13.5	14.5	2.8	4.9	7.7	8.7
Oklahoma.....	12.3	10.3	-30.4	17.6	5.1	15.8	12.1	16.0	13.9	14.7	4.1	4.3	8.0	5.2
Texas.....	14.8	13.9	-12.9	27.1	10.9	14.3	14.0	19.7	14.2	16.0	7.6	5.2	9.7	11.9
Rocky Mountain.....	12.8	11.1	-12.8	23.6	4.0	11.2	12.0	14.8	13.7	14.8	5.9	8.1	9.2	7.9
Colorado.....	13.7	12.3	-20.7	32.2	4.0	12.2	14.0	17.2	14.8	15.2	7.1	9.7	9.8	8.2
Idaho.....	11.2	8.5	-9.6	31.2	8.6	11.7	9.8	11.3	9.8	14.4	5.8	4.2	6.0	5.8
Montana.....	11.9	9.0	24.7	13.8	6.9	1.8	9.7	12.4	11.5	10.6	1.8	6.3	.6	8.0
Utah.....	11.2	9.0	-29.5	13.3	-6.1	11.9	9.0	10.3	13.3	15.2	6.0	7.8	12.8	6.1
Wyoming.....	15.7	15.2	-15.1	22.0	13.3	8.6	14.4	15.6	17.3	18.9	5.6	7.4	14.7	13.2
Far West.....	12.3	10.1	-6.8	18.4	3.4	10.3	11.1	13.0	11.5	13.5	7.1	8.1	10.1	8.1
California.....	12.2	10.0	-3.6	16.2	1.9	10.2	11.1	13.1	11.3	13.4	6.9	7.7	9.6	7.8
Nevada.....	13.7	11.5	-22.3	53.3	3.5	11.1	11.3	12.9	11.5	13.8	9.3	10.5	12.1	9.1
Oregon.....	9.6	5.8	-17.5	6.6	-5.4	3.4	8.3	9.4	10.0	12.4	7.1	8.3	4.2	6.2
Washington.....	14.0	12.6	-16.9	17.4	14.4	15.1	13.2	14.4	13.2	15.3	8.1	9.3	13.3	10.5
Alaska.....	9.6	8.5	-4.2	16.6	7.4	23.6	6.7	5.0	6.8	11.6	6.5	4.0	3.4	5.0
Hawaii.....	11.9	10.0	-.1	88.6	9.4	13.1	9.6	14.0	12.5	11.4	9.3	5.0	10.4	8.3
Census regions														
New England.....	11.8	9.9	-11.4	14.3	8.2	9.7	9.9	14.9	10.9	12.3	7.0	7.4	7.6	5.3
Middle Atlantic.....	10.3	7.8	-10.4	.3	3.5	5.6	7.8	14.7	6.8	12.1	2.8	8.7	6.6	5.3
East North Central.....	7.8	4.1	-28.6	4.6	-.4	.8	6.3	11.8	5.2	11.1	4.8	8.3	7.9	7.2
West North Central.....	8.1	4.6	-29.2	10.6	-4.6	4.9	6.9	13.1	8.0	13.3	3.6	8.5	8.3	6.0
South Atlantic.....	12.3	10.2	-17.0	4.1	12.3	10.1	10.3	14.5	12.2	15.0	4.5	6.7	9.5	7.6
East South Central.....	9.5	6.1	-27.9	8.4	-.2	5.0	7.5	11.8	8.5	12.4	3.4	9.4	11.2	5.8
West South Central.....	13.8	12.6	-21.9	24.5	11.0	13.3	12.9	17.8	13.5	15.6	6.6	6.0	9.2	10.6
Mountain.....	12.9	10.9	-14.3	20.9	2.1	13.1	11.5	15.4	13.7	14.7	5.5	8.0	8.5	8.4
Pacific.....	12.2	10.0	-6.4	16.0	3.7	10.4	11.0	12.9	11.4	13.4	7.1	7.6	9.7	8.0

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

Table 3.—Total and Per Capita Disposable Personal Income by States and Region

State and region	Total							Per capita ¹							Rank in United States		
	Millions of dollars					Average annual growth (percent)		Dollars									
	1976	1977 [*]	1978 [*]	1979 [*]	1980 [*]	1976-80	1979-80	1976	1977 [*]	1978 [*]	1979 [*]	1980 [*]	1976	1978	1980		
United States.....	1,177,837	1,296,498	1,454,309	1,624,705	1,795,810	11.12	10.53	5,487	5,992	6,664	7,383	7,960	-----	-----	-----		
New England.....	68,766	74,904	83,123	92,513	103,339	10.72	11.70	5,634	6,120	6,776	7,527	8,378	-----	-----	-----		
Connecticut.....	19,525	21,368	23,809	26,604	29,929	11.27	12.50	6,294	6,877	7,641	8,540	9,664	4	4	3		
Maine.....	5,074	5,525	6,063	6,754	7,567	10.51	12.05	4,736	5,095	5,554	6,156	6,733	39	47	39		
Massachusetts.....	32,552	35,193	38,789	43,024	47,871	10.12	11.26	5,621	6,092	6,721	7,458	8,356	15	19	13		
New Hampshire.....	4,359	4,897	5,607	6,332	7,115	13.03	12.38	5,271	5,760	6,451	7,140	7,675	26	29	29		
Rhode Island.....	5,011	5,494	6,088	6,696	7,416	10.30	10.75	5,355	5,860	6,530	7,205	7,840	22	26	23		
Vermont.....	2,245	2,428	2,768	3,103	3,440	11.26	10.84	4,704	5,037	5,680	6,291	6,725	41	44	40		
Mideast.....	248,926	265,789	291,147	319,947	352,821	9.11	10.27	5,840	6,258	6,895	7,600	8,376	-----	-----	-----		
Delaware.....	3,376	3,638	4,014	4,373	4,900	9.76	12.04	5,802	6,249	6,879	7,512	8,233	12	13	15		
District of Columbia.....	4,566	4,910	5,172	5,510	6,152	7.74	11.65	6,522	7,169	7,708	8,405	9,679	2	3	2		
Maryland.....	24,245	25,848	29,082	31,563	35,347	9.88	11.99	5,877	6,248	7,012	7,608	8,419	10	12	11		
New Jersey.....	46,597	49,818	54,977	60,493	66,838	9.44	10.49	6,333	6,789	7,515	8,251	9,093	3	5	4		
New York.....	104,994	111,289	121,212	133,264	146,802	8.74	10.16	5,816	6,206	6,830	7,551	8,381	11	16	12		
Pennsylvania.....	65,147	70,287	76,691	84,744	92,782	9.24	9.48	5,520	5,958	6,519	7,224	7,844	18	27	22		
Great Lakes.....	232,868	257,354	285,870	315,148	339,327	9.87	7.67	5,691	6,267	6,935	7,639	8,172	-----	-----	-----		
Illinois.....	69,523	76,580	84,444	92,439	101,222	9.85	9.50	6,211	6,821	7,514	8,256	8,913	6	6	7		
Indiana.....	28,366	31,537	35,276	38,863	41,360	9.89	6.43	5,339	5,895	6,549	7,196	7,573	24	25	30		
Michigan.....	52,270	58,337	65,362	71,814	75,494	9.63	5.13	5,736	6,377	7,119	7,800	8,171	13	11	17		
Ohio.....	58,964	64,553	71,472	78,716	85,205	9.64	8.24	5,516	6,085	6,660	7,336	7,910	19	22	20		
Wisconsin.....	23,745	26,347	29,316	33,318	36,046	11.00	8.19	5,151	5,674	6,260	7,059	7,678	30	33	28		
Plains.....	87,201	97,349	110,491	122,640	132,287	10.98	7.87	5,191	5,759	6,487	7,169	7,714	-----	-----	-----		
Iowa.....	14,996	16,765	19,535	21,212	22,373	10.52	5.47	5,217	5,806	6,722	7,308	6,789	29	18	27		
Kansas.....	12,811	14,212	16,144	18,426	19,967	11.73	8.36	5,573	6,126	6,877	7,778	8,474	16	14	10		
Minnesota.....	20,644	23,542	26,354	29,404	32,220	11.77	9.58	5,220	5,915	6,550	7,243	7,917	28	24	19		
Missouri.....	24,398	27,249	30,263	33,966	36,689	10.74	8.02	5,097	5,651	6,248	6,994	7,477	32	34	32		
Nebraska.....	8,125	8,695	9,933	11,019	11,706	9.56	6.24	5,235	5,592	6,330	7,001	7,480	27	32	31		
North Dakota.....	3,222	3,462	4,359	4,848	4,812	10.55	10.66	4,997	5,325	6,078	6,620	7,374	33	21	34		
South Dakota.....	3,007	3,423	3,903	4,265	4,520	10.73	5.97	4,386	4,979	5,655	6,192	6,566	49	45	45		
Southeast.....	231,733	256,209	289,495	324,059	361,076	11.73	11.42	4,807	5,254	5,865	6,493	6,903	-----	-----	-----		
Alabama.....	16,276	17,917	20,299	22,363	24,572	10.85	9.88	4,455	4,855	5,445	5,933	6,349	48	49	48		
Arkansas.....	9,142	10,343	11,721	13,196	14,123	11.49	7.08	4,319	4,805	5,409	6,052	6,183	50	50	50		
Florida.....	44,302	49,484	56,797	64,720	74,507	13.88	15.12	5,304	5,845	6,553	7,292	7,701	25	23	26		
Georgia.....	23,736	25,960	29,459	32,900	36,279	11.19	10.27	4,763	5,150	5,805	6,429	6,712	37	38	41		
Kentucky.....	16,119	17,697	19,905	22,142	23,895	10.34	7.92	4,692	5,104	5,704	6,278	6,558	42	42	46		
Louisiana.....	18,181	20,380	23,071	26,089	29,731	13.08	13.96	4,692	5,186	5,800	6,494	7,073	43	39	36		
Mississippi.....	9,337	10,513	11,631	12,938	13,992	10.64	8.15	3,947	4,407	4,828	5,326	5,571	51	51	51		
North Carolina.....	25,980	28,258	31,957	35,246	39,026	10.71	10.73	4,756	5,124	5,737	6,287	6,674	38	40	44		
South Carolina.....	12,788	14,140	15,870	17,699	19,645	11.33	10.99	4,496	4,914	5,469	6,036	6,399	47	48	47		
Tennessee.....	19,849	21,872	24,755	27,675	30,489	11.33	10.17	4,688	5,096	5,713	6,318	6,707	44	41	42		
Virginia.....	27,373	30,034	33,453	37,224	41,910	11.24	12.50	5,418	5,895	6,462	7,163	7,872	20	28	21		
West Virginia.....	8,650	9,610	10,576	11,868	12,906	10.52	8.74	4,721	5,185	5,683	6,321	6,681	40	43	43		
Southwest.....	98,179	111,178	127,931	146,781	167,751	14.33	14.29	5,225	5,814	6,568	7,352	7,916	-----	-----	-----		
Arizona.....	11,576	13,059	15,088	17,667	20,139	14.85	14.00	5,146	5,667	6,358	7,211	7,406	31	31	33		
New Mexico.....	5,438	6,193	7,126	8,016	9,125	13.18	11.33	4,640	5,178	5,867	6,458	6,888	45	37	38		
Oklahoma.....	13,799	15,095	18,082	20,712	23,290	13.98	12.45	4,982	5,571	6,361	7,162	7,759	34	30	25		
Texas.....	67,365	76,231	87,636	100,386	115,397	14.40	14.95	5,347	5,953	6,717	7,503	8,141	23	20	18		
Rocky Mountain.....	29,951	33,585	39,084	44,001	49,727	13.51	13.01	5,176	5,671	6,396	7,006	7,604	-----	-----	-----		
Colorado.....	14,309	15,958	18,518	21,146	24,066	13.88	13.81	5,556	6,079	6,842	7,628	8,350	17	15	14		
Idaho.....	4,146	4,647	5,335	5,944	6,586	12.27	10.81	4,978	5,429	6,047	6,569	6,967	35	36	37		
Montana.....	3,608	3,921	4,763	5,038	5,644	11.83	12.02	4,778	5,121	6,106	6,409	7,200	36	35	35		
Utah.....	5,659	6,426	7,373	8,264	9,221	12.98	11.57	4,593	5,060	5,600	6,045	6,320	46	46	49		
Wyoming.....	2,229	2,632	3,094	3,608	4,210	17.23	16.67	5,707	6,483	7,278	8,022	8,977	14	9	6		
Far West.....	171,491	190,872	217,245	248,919	277,516	12.79	11.49	6,109	6,676	7,434	8,339	8,928	-----	-----	-----		
California.....	133,293	148,037	167,468	192,249	213,748	12.53	11.18	6,193	6,764	7,505	8,471	9,076	7	7	5		
Nevada.....	3,813	4,471	5,335	6,172	6,977	16.31	13.05	6,224	7,020	8,008	8,796	8,714	5	2	9		
Oregon.....	12,590	14,264	16,590	18,624	20,430	12.87	9.70	5,413	5,982	6,766	7,369	7,803	21	17	24		
Washington.....	21,795	24,100	27,851	31,873	36,360	13.65	14.08	6,036	6,547	7,343	8,119	8,836	9	8	8		
Alaska.....	3,403	3,482	3,541	3,689	4,132	4.97	11.99	8,334	8,441	8,625	9,079	10,322	1	1	1		
Hawaii.....	5,321	5,776	6,381	7,008	7,835	10.16	11.80	6,114	6,567	7,165	7,741	8,182	8	10	16		
Census regions																	
New England.....	68,766	74,904	83,123	92,513	103,339	10.72	11.70	5,634	6,120	6,776	7,527	8,378	-----	-----	-----		
Middle Atlantic.....	216,739	231,393	252,879	278,502	306,422	9.84	10.03	5,824	6,243	6,867	7,586	8,351	-----	-----	-----		
East North Central.....	232,868	257,354	285,870	315,148	339,327	9.87	7.67	5,691	6,267	6,935	7,639	8,172	-----	-----	-----		
West North Central.....	87,201	97,349	110,491	122,640	132,287	10.98	7.87	5,191	5,759	6,487	7,						

County and Metropolitan Area Personal Income

The local area estimates of personal income released each April are consistent with the State estimates that are released at the same time. The States estimates, which are also in the April issues of the SURVEY OF CURRENT BUSINESS, are preliminary annual and quarterly estimates for the most recent year, revised annual and quarterly estimates for the previous year, and revised annual estimates for earlier years. The revised State estimates supersede the estimates published in the previous August issue of the SURVEY.

The local area estimates are routinely revised in each of the two years following their initial release. These revisions incorporate more complete information for local areas as well as revised State and national totals.

Comprehensive (benchmark) revisions are initiated periodically—approximately every

five years—at the national level and extended, where appropriate, to the State and local area levels. The benchmark revisions at the local area level include distributional changes made possible by the availability of new or more current data as well as the definitional, classificational, and statistical changes at the national level. The local area personal income estimates reflect the benchmark revisions approximately 18 months after their initial introduction at the national level, and approximately 9 months after their extension to the State estimates.

The local area estimates for 1977-79 in tables 1 and 2 do not reflect the national benchmark revisions introduced in the December 1980 SURVEY. The benchmark-revised local area personal income estimates will be presented in the April 1982 issue of the SURVEY.

counties and county equivalents are shown for the same years in Table 2.

Definition of total and per capita personal income

Total 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.

THIS article presents estimates of personal income for 1979 and revised estimates for 1977 and 1978 for the Nation's Standard Metropolitan Statistical Areas (SMSA's), counties, and county equivalents. These estimates supersede those presented in the April 1980 SURVEY OF CURRENT BUSINESS. Estimates for 1977 and 1978 reflect methodological revisions of the estimates of civilian government wage and salary disbursements in addition to the routine revisions. The 1977-79 estimates of Federal civilian, State, and local government wages and salaries reflect a shift from the use of periodic and indirectly related source data to the use of current wage data from administrative records generated by the Federal and State unemployment insurance programs. A discussion of the revised procedure is included in the methodological statement that appears in each volume of the nine-volume set *Local Area Personal Income, 1974-79*, scheduled for release by early July (see notice on page 72).

Total and per capita personal income for the 273 SMSA's for 1977, 1978, and 1979, are shown in Table 1. Total and per capita personal income for the 3,140

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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. Tables were prepared by Eunice P. James and Kathy A. Albetski of the Regional Economic Information System Branch. Secretarial support was provided by Valeria A. Hamilton.

Estimates of civilian nonfarm wages and salaries and other labor income were prepared under the supervision of Elizabeth H. Queen, Chief of the Regional Wage Branch. She was assisted principally by: Sharon C. Carnevale, Carol E. Evans, Michael G. Pilot, Chen T. Pomsouvan, William E. Reid, Jr., Mary H. Risler, Victor Sahadachny, and James M. Scott.

Estimates of farm income, military wages and salaries, military 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 Regional Income Branch. He was assisted principally by: Vivian G. Conklin, Gary V. Kennedy, Arthur L. Sensenig, and Andrew E. Weiser.

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, Paul M. Levit, and Stuart A. Schwartz.

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 majority 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 revision—U.S. residents employed by private U.S. firms on temporary foreign assignment. The local area estimates include only persons residing in the 50 States and the District of Columbia.

Per capita personal income is computed by dividing the total personal in-

come by midyear population estimates. Population data for July for each year are provided by the Bureau of the Census; the college student population, however, is measured as of April 1.

The per capita personal income estimates should be used with caution for several reasons. In many instances, an unusually high (or low) per capita personal income is the temporary result of unusual conditions, such as a bumper crop, a major construction project (e.g., a defense facility, nuclear plant, or dam), or a catastrophe (e.g., a tornado or drought). In some cases, a high per capita personal income is not representative of the standard of living in an area. For example, a construction project may attract a large number of high-

paid workers who are included in the population but who send a substantial portion of their wages to dependents living in other areas. Conversely, a county with a large institutional population (e.g., residents of a college, correctional institution, or domiciliary medical facility) may show an unusually low per capita personal 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 personal income estimates, particularly if the change occurs around midyear.

PERSONAL income by type of payment and labor and proprietors' income by major industry groups, as shown in Table A, are available for SMSA's and for counties for 1959, 1962, and 1965-79. This information can be obtained for one or more counties or SMSA's from the Regional Economic Information System of the Regional Economic Measurement Division, Bureau of Economic Analysis. For computer printouts, there is a charge of \$1 for each State, SMSA, or county table. However, charges will not exceed: \$250 for a complete set of SMSA tables, and \$1,000 for an entire set of State and county tables for the United States. The tables are also available (at lower cost) in microfiche and magnetic tape form. The minimum charge for each request is \$5. Requests should be addressed to Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230.

A nine-volume set, *Local Area Personal Income, 1974-79*, will be available by July. 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. 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 with and a summary methodology (see related analytic tables, charts, maps, notice on page 72).

Table A.—Example of Available Data for Local Areas

New London County, Connecticut	Personal income by major sources 1974-79 (thousands of dollars)					
	1974 ¹	1975 ²	1976 ²	1977 ²	1978 ²	1979 ²
Total labor and proprietors' income by place of work ³						
By type:						
Wage and salary disbursements.....	985,420	985,213	1,082,593	1,197,325	1,261,376	1,407,718
Other labor income.....	71,650	75,660	95,371	114,346	119,279	134,463
Proprietors' income ⁴	57,328	53,654	63,214	64,019	79,251	86,766
Farm.....	5,037	1,642	6,807	4,015	6,304	6,563
Nonfarm ⁴	52,291	52,012	56,407	60,004	72,947	80,203
By industry:						
Farm.....	8,966	5,582	11,150	9,087	11,517	12,562
Nonfarm.....	1,105,432	1,108,945	1,230,028	1,366,653	1,448,389	1,616,385
Private.....	825,140	815,634	929,725	1,053,276	1,100,971	1,242,255
Agriculture, forestry, fisheries, and other ⁵	2,644	2,533	2,539	3,283	3,927	4,354
Mining.....	650	706	790	802	1,065	1,125
Construction.....	74,683	69,706	42,575	41,554	44,397	72,411
Manufacturing.....	435,191	406,401	513,705	598,767	590,829	654,607
Nondurable goods.....	104,989	99,188	105,750	116,091	129,559	147,285
Durable goods.....	330,202	307,213	407,955	482,676	461,270	507,322
Transportation and public utilities.....	49,516	48,242	52,453	60,330	66,237	72,473
Wholesale trade.....	28,538	28,268	33,528	34,207	34,109	30,034
Retail trade.....	89,933	98,602	105,547	114,502	123,677	140,781
Finance, insurance, and real estate.....	18,461	19,743	23,623	26,608	31,280	35,184
Services.....	125,524	141,333	154,965	173,165	200,450	222,286
Government and government enterprises.....	280,292	293,311	300,303	313,377	347,418	374,130
Federal, civilian.....	59,679	67,978	66,720	71,072	76,686	80,774
Federal, military.....	110,482	110,365	111,375	122,027	138,676	148,704
State and local.....	110,131	114,968	122,208	120,278	132,056	144,652
Derivation of personal income by place of residence						
Total labor and proprietors' income by place of work.....	1,114,398	1,114,527	1,241,178	1,375,690	1,459,906	1,628,947
Less: Personal contributions for social insurance by place of work.....	58,176	58,877	61,091	67,583	71,461	83,437
Net labor and proprietors' income by place of work.....	1,056,222	1,055,650	1,180,087	1,308,107	1,388,445	1,545,510
Plus: Residence adjustment.....	-56,728	-52,361	-60,523	-82,484	-61,271	-38,678
Net labor and proprietors' income by place of residence.....	999,494	1,003,289	1,119,564	1,225,623	1,327,174	1,506,832
Plus: Dividends, interest, and rent ⁶	168,136	185,958	199,920	221,802	252,294	289,840
Plus: Transfer payments.....	144,163	183,509	201,816	216,655	233,358	253,246
Personal income by place of residence.....	1,311,793	1,372,756	1,521,300	1,664,080	1,812,826	2,049,918
Per capita personal income (dollars).....	5,473	5,640	6,236	6,831	7,386	8,442
Total population (thousands).....	239.7	243.4	243.9	243.6	245.5	242.8

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 nonfarm wages: ES-202 covered wages—Connecticut Employment Security Division.

4. Includes the capital consumption adjustment for non-farm proprietors.

5. Includes wages and salaries of U.S. residents working for international organizations in the United States.

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				Average annual rate of growth		Dollars				Rank in the United States	
	1969	1977	1978	1979	1969-79	1978-79	1969	1977	1978	1979	1969	1979
United States ²	738,233	1,522,104	1,712,066	1,927,005	10.07	12.55	3,667	7,035	7,846	8,757	-----	-----
SMSA counties.....	591,117	1,195,510	1,341,218	1,507,953	9.82	12.43	3,961	7,504	8,353	9,319	-----	-----
Non-SMSA counties.....	147,116	326,594	370,848	419,052	11.04	13.00	2,827	5,725	6,433	7,195	-----	-----
Abilene, TX.....	368	867	995	1,137	11.94	14.27	2,938	6,636	7,562	8,558	237	136
Akron, OH.....	2,541	4,610	5,088	5,604	8.23	10.14	3,757	6,994	7,753	8,591	78	134
Albany-Schenectady-Troy, NY.....	2,899	5,508	6,066	6,703	8.74	10.50	3,753	6,905	7,619	8,454	79	147
Albany, GA.....	242	550	642	735	11.75	14.49	2,552	5,241	6,097	6,943	268	250
Albuquerque, NM.....	1,045	2,716	3,133	3,564	13.05	13.76	3,147	6,761	7,725	8,602	202	133
Alexandria, LA.....	338	718	797	882	10.07	10.66	2,572	5,131	5,670	6,236	267	266
Allentown-Bethlehem-Easton, PA-NJ.....	2,157	4,488	4,939	5,542	9.90	12.21	3,661	7,181	7,887	8,836	101	111
Altoona, PA.....	396	773	849	953	9.18	12.25	2,922	5,756	6,310	7,092	239	245
Amarillo, TX.....	501	1,187	1,348	1,529	11.80	13.43	3,130	7,541	8,470	9,282	205	59
Anaheim-Santa Ana-Garden Grove, CA.....	5,967	14,796	17,109	19,758	12.72	15.48	4,334	8,242	9,327	10,547	18	12
Anchorage, AK.....	586	2,114	2,105	2,171	13.99	3.14	4,755	11,616	11,616	12,200	5	3
Anderson, IN.....	491	963	1,056	1,147	8.86	8.62	3,572	6,976	7,643	8,344	121	160
Ann Arbor, MI.....	929	2,056	2,334	2,609	10.88	11.78	4,155	8,187	9,266	10,275	27	20
Anniston, AL.....	299	615	672	734	9.40	9.23	2,901	5,472	5,784	6,251	241	265
Appleton-Oshkosh, WI.....	956	1,979	2,213	2,541	10.27	14.82	3,534	6,858	7,614	8,695	126	123
Asheville, NC.....	479	1,000	1,121	1,238	9.96	10.44	2,963	5,918	6,553	7,179	235	241
Atlanta, GA.....	6,053	13,536	15,421	17,469	11.18	13.28	3,834	7,411	8,351	9,294	64	58
Atlantic City, NJ.....	637	1,245	1,403	1,635	10.22	20.10	3,648	6,601	7,415	8,801	105	116
Augusta, GA-SC.....	915	1,796	2,001	2,244	9.39	12.14	3,327	6,191	6,772	7,569	166	225
Austin, TX.....	1,091	3,155	3,630	4,170	14.35	14.88	3,159	6,743	7,561	8,560	199	135
Bakersfield, CA.....	1,080	2,482	2,687	3,197	11.46	18.98	3,319	6,901	7,390	8,614	168	131
Baltimore, MD.....	7,963	15,604	17,484	19,185	9.19	9.73	3,876	7,272	8,156	8,967	56	88
Baton Rouge, LA.....	1,180	3,023	3,432	3,884	12.65	13.17	3,180	6,915	7,694	8,515	193	141
Battle Creek, MI.....	656	1,291	1,432	1,586	9.23	10.75	3,714	7,073	7,817	8,691	89	124
Bay City, MI.....	406	836	917	1,069	9.53	10.03	3,494	6,927	7,574	8,404	132	152
Beaumont-Port Arthur-Orange, TX.....	1,138	2,634	2,927	3,296	11.22	12.61	3,285	7,229	7,997	8,851	173	109
Billings, MT.....	293	720	814	937	12.33	15.11	3,378	7,091	7,816	8,893	155	100
Blount-Gulfport, MS.....	468	940	1,047	1,147	9.38	9.55	2,958	5,376	5,945	6,436	236	263
Binghamton, NY-PA.....	1,085	1,954	2,162	2,392	8.23	10.64	3,590	6,388	7,127	7,883	118	198
Birmingham, AL.....	2,420	5,515	6,196	6,931	11.10	11.86	3,233	6,827	7,613	8,429	182	150
Bismarck, ND.....	184	489	615	689	14.11	12.03	3,031	6,624	8,091	8,833	226	112
Bloomington-Normal, IL.....	375	820	946	1,047	10.81	10.68	3,651	6,993	8,066	8,961	104	90
Bloomington, IN.....	228	487	552	604	10.23	9.42	2,778	5,315	5,988	6,571	255	260
Boise City, ID.....	401	1,157	1,342	1,489	14.02	10.95	3,632	7,988	8,872	9,528	110	48
Boston-Lowell-Brocton-Lawrence-Haverhill, MA-NH.....	15,927	29,323	32,416	36,372	8.61	12.20	4,173	7,532	8,340	9,351	25	55
Bradenton, FL.....	290	819	956	1,116	14.43	16.74	3,081	6,518	7,345	8,279	218	167
Bridgeport-Stamford-Norwalk-Danbury, CT.....	4,356	7,789	8,754	9,875	8.53	12.81	5,578	9,571	10,852	12,266	1	2
Brownsville-Harlingen-San Benito, TX.....	277	773	892	1,038	14.12	16.37	1,997	4,375	5,007	5,731	271	270
Bryan-College Station, TX.....	151	412	466	543	13.65	16.52	2,819	5,606	6,130	6,817	247	254
Buffalo, NY.....	5,116	9,108	9,864	10,859	7.82	10.09	3,807	6,910	7,576	8,401	68	155
Burlington, NC.....	324	596	662	741	8.62	11.93	3,372	6,045	6,707	7,465	158	231
Burlington, VT.....	337	667	771	890	10.20	15.43	3,501	6,076	6,908	7,876	130	199
Canton, OH.....	1,424	2,709	3,024	3,413	9.13	12.86	3,636	6,742	7,457	8,403	109	153
Cedar Rapids, IA.....	635	1,306	1,470	1,680	10.22	14.29	3,926	7,871	8,799	10,037	50	25
Champaign-Urbana-Rantoul, IL.....	548	1,093	1,202	1,340	9.35	11.48	3,411	6,630	7,307	8,233	149	169
Charleston-N. Charleston, SC.....	938	2,208	2,478	2,768	11.43	11.70	2,809	5,753	6,386	7,035	249	247
Charleston, WV.....	875	1,910	2,113	2,382	10.53	12.73	3,397	7,333	8,025	8,942	151	93
Charlotte-Gastonia, NC.....	1,972	4,191	4,777	5,427	10.65	13.61	3,642	7,036	7,024	8,890	107	101
Chattanooga, TN-GA.....	1,182	2,542	2,887	3,205	10.49	11.01	3,199	6,392	7,212	7,970	188	191
Cheyenne, WY.....	210	501	573	653	12.01	13.96	3,774	7,788	8,842	9,640	75	44
Chicago, IL.....	32,123	60,404	66,804	73,245	8.59	9.64	4,642	8,600	9,501	10,455	8	16
Cincinnati, OH-KY-IN.....	5,284	9,970	11,196	12,548	9.03	12.08	3,838	7,224	8,064	8,995	63	86
Clarksville-Hopkinsville, TN-KY.....	347	809	887	973	10.86	9.70	2,928	5,612	6,148	6,678	238	258
Cleveland, OH.....	9,153	16,011	17,742	19,558	7.89	10.24	4,463	8,228	9,150	10,167	12	22
Colorado Springs, CO.....	795	1,838	2,089	2,391	11.64	14.46	3,426	6,288	7,023	8,023	145	186
Columbia, MO.....	241	571	640	727	11.67	13.59	3,033	6,431	7,061	8,019	225	187
Columbia, SC.....	1,001	2,453	2,733	3,073	11.87	12.44	3,190	6,549	7,244	7,992	191	189
Columbus, GA-AL.....	759	1,328	1,472	1,600	7.74	8.70	3,242	5,795	6,284	6,758	179	257
Columbus, OH.....	3,620	7,609	8,417	9,374	9.98	11.37	3,626	7,053	7,754	8,639	113	128
Corpus Christi, TX.....	821	1,870	2,158	2,515	11.85	16.54	2,861	6,176	7,121	8,200	244	174
Dallas-Fort Worth, TX.....	9,252	20,723	23,917	27,883	11.66	16.58	4,036	7,752	8,768	9,931	36	31
Davenport-Rock Island-Moline, IA-IL.....	1,393	2,951	3,258	3,660	10.14	12.34	3,885	7,905	8,688	9,770	55	35
Daytona Beach, FL.....	524	1,295	1,490	1,731	12.69	16.17	3,141	6,054	6,757	7,602	203	222
Dayton, OH.....	3,404	5,989	6,587	7,294	7.92	10.73	4,031	7,204	7,896	8,740	39	120
Decatur, IL.....	482	972	1,079	1,172	9.29	8.62	3,867	7,650	8,461	9,230	59	63
Denver-Boulder, CO.....	4,810	11,902	13,796	15,860	12.67	14.96	3,942	8,120	9,064	10,133	48	23
Des Moines, IA.....	1,211	2,631	2,985	3,324	10.62	11.36	3,886	7,942	8,928	9,941	54	29
Detroit, MI.....	19,403	37,212	41,784	45,782	8.96	9.57	4,395	8,492	9,527	10,433	15	17
Dubuque, IA.....	297	679	752	827	10.78	9.97	3,299	7,249	8,031	8,884	171	105
Duluth-Superior, MN-WI.....	828	1,681	1,942	2,179	10.16	12.20	3,064	6,333	7,319	8,219	222	171
Eau Claire, WI.....	360	720	803	900	9.60	12.08	3,237	5,826	6,396	7,078	181	246
El Paso, TX.....	1,021											

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				Average annual rate of growth		Dollars				Rank in the United States	
	1969	1977	1978	1979	1969-79	1978-79	1969	1977	1978	1979	1969	1979
Galveston-Texas City, TX.....	575	1,400	1,592	1,822	12.22	14.45	3,368	7,180	8,037	8,936	159	95
Gary-Hammond-East Chicago, IN.....	2,369	4,784	5,391	6,017	9.77	11.61	3,774	7,408	8,306	9,235	76	62
Grand Forks, ND-MN.....	268	572	709	721	10.40	1.69	2,848	5,633	7,024	7,116	245	244
Grand Rapids, MI.....	1,988	4,017	4,612	5,301	10.31	14.94	3,725	6,955	7,873	8,890	87	102
Great Falls, MT.....	280	554	624	675	9.20	8.17	3,448	6,508	7,308	8,094	142	180
Greeley, CO.....	252	659	801	893	13.49	11.49	2,920	6,026	7,155	7,662	240	217
Green Bay, WI.....	505	1,135	1,285	1,455	11.16	13.23	3,319	6,496	7,266	8,150	169	177
Greensboro-Winston Salem-High Point, NC.....	2,576	5,450	6,173	6,871	10.31	11.31	3,601	7,049	7,893	8,714	115	121
Greenville-Spartanburg, SC.....	1,439	3,297	3,708	4,183	11.26	12.81	3,089	6,173	6,893	7,702	215	213
Hamilton-Middletown, OH.....	788	1,643	1,840	2,075	10.17	12.77	3,522	6,568	7,172	7,908	128	196
Harrisburg, PA.....	1,477	3,215	3,556	3,963	10.37	11.45	3,631	7,504	8,284	9,163	111	72
Hartford-New Britain-Bristol, CT.....	4,580	8,163	9,165	10,388	8.53	13.34	4,486	7,785	8,688	9,862	11	33
Honolulu, HI.....	2,634	5,615	6,207	6,889	10.09	10.99	4,365	7,956	8,741	9,573	17	47
Houston, TX.....	7,400	20,924	24,670	28,828	14.57	16.85	3,760	8,361	9,504	10,638	77	10
Huntington-Ashland, WV-KY-OH.....	853	1,856	2,090	2,366	10.74	13.21	2,967	6,247	6,990	7,832	232	201
Huntsville, AL.....	860	1,758	2,013	2,247	10.08	11.62	3,077	6,050	6,893	7,643	219	219
Indianapolis, IN.....	4,421	8,699	9,727	10,856	9.40	11.61	4,046	7,577	8,402	9,361	35	54
Iowa City, IA.....	212	542	601	656	11.96	9.15	3,130	7,037	7,699	8,289	206	166
Jacksonville, FL.....	1,994	4,450	5,021	5,577	10.83	11.07	3,218	6,406	7,108	7,808	185	205
Jackson, MI.....	553	1,021	1,147	1,273	8.70	10.99	3,876	6,865	7,672	8,519	57	140
Jackson, MS.....	798	1,990	2,282	2,568	12.40	12.53	3,117	6,783	7,600	8,354	212	158
Janesville-Beloit, WI.....	479	957	1,061	1,191	9.54	12.25	3,690	7,143	7,905	8,886	93	104
Jersey City, NJ.....	2,356	4,156	4,511	4,970	7.75	10.18	3,852	7,380	8,141	9,158	60	73
Johnson City-Kingsport-Bristol, TN-VA.....	1,037	2,232	2,538	2,850	10.64	12.29	2,789	5,491	6,181	6,878	253	252
Johnstown, PA.....	739	1,637	1,755	1,994	10.44	13.62	2,795	6,108	6,602	7,566	252	226
Kalamazoo-Portage, MI.....	940	1,909	2,144	2,415	9.90	12.64	3,739	7,143	7,978	8,937	83	94
Kankakee, IL.....	356	707	792	872	9.37	10.10	3,671	7,348	8,174	9,032	98	81
Kansas City, MO-KS.....	4,983	10,164	11,289	12,683	9.79	12.35	3,973	7,848	8,613	9,632	44	45
Kenosha, WI.....	407	881	993	1,154	10.98	16.21	3,448	7,176	7,994	9,095	143	78
Killeen-Temple, TX.....	478	1,258	1,394	1,449	11.73	3.95	3,121	6,045	6,623	6,935	210	251
Knoxville, TN.....	1,216	2,742	3,126	3,512	11.19	12.35	2,986	6,116	6,909	7,691	230	214
Kokomo, IN.....	377	823	916	982	10.05	7.21	3,832	7,932	8,812	9,447	65	52
La Crosse, WI.....	258	561	632	723	10.85	14.40	3,217	6,358	6,892	7,708	186	211
Lafayette-West Lafayette, IN.....	360	730	828	932	9.98	12.56	3,354	6,381	7,220	8,051	161	182
Lafayette, LA.....	307	933	1,143	1,361	16.06	19.07	2,788	7,045	8,452	9,898	254	32
Lake Charles, LA.....	430	970	1,131	1,305	11.74	15.38	2,973	6,199	7,135	8,084	231	181
Lakeland-Winter Haven, FL.....	693	1,676	1,977	2,292	12.71	15.93	3,053	6,006	6,995	7,953	223	192
Lancaster, PA.....	1,182	2,393	2,690	3,012	9.81	11.97	3,745	6,882	7,670	8,512	81	142
Lansing-East Lansing, MI.....	1,534	3,268	3,683	4,153	10.47	12.76	3,676	7,240	8,078	9,029	96	82
Laredo, TX.....	142	343	392	452	12.28	15.31	1,896	4,026	4,529	5,106	272	272
Las Cruces, N.M.....	180	431	496	550	11.82	10.89	2,603	5,083	5,625	6,091	264	268
Las Vegas, NV.....	1,137	2,918	3,470	4,043	13.53	16.51	4,250	8,083	9,231	10,175	23	21
Lawrence, KS.....	160	382	428	486	11.75	13.55	2,803	6,010	6,528	7,190	251	239
Lawton, OK.....	335	606	674	735	8.17	9.05	2,966	5,172	5,667	6,089	233	269
Lewiston-Auburn, ME.....	291	566	628	694	9.08	10.51	3,203	5,899	6,526	7,197	187	238
Lexington-Fayette, KY.....	902	1,963	2,229	2,494	10.71	11.89	3,464	6,659	7,525	8,274	136	168
Lima, OH.....	740	1,450	1,621	1,837	9.52	13.33	3,549	6,859	7,682	8,640	124	127
Lincoln, NE.....	632	1,372	1,521	1,692	10.35	11.24	3,819	7,467	8,166	9,072	66	80
Little Rock-North Little Rock, AR.....	1,085	2,546	2,851	3,209	11.45	12.56	3,404	6,881	7,663	8,556	150	137
Long Branch-Asbury Park, NJ.....	1,936	3,883	4,331	4,841	9.60	11.78	4,292	7,848	8,696	9,674	20	42
Longview-Marshall, TX.....	376	898	1,043	1,199	12.30	14.96	3,231	6,829	7,776	8,682	183	125
Lorain-Elyria, OH.....	326	1,920	2,122	2,330	9.67	9.80	3,646	7,165	7,771	8,341	106	161
Los Angeles-Long Beach, CA.....	31,419	58,505	66,242	75,564	9.17	14.07	4,495	8,336	9,347	10,606	10	11
Louisville, KY-IN.....	3,181	6,392	7,131	7,878	9.49	10.48	3,715	7,219	8,030	8,810	88	113
Lubbock, TX.....	533	1,330	1,464	1,669	12.09	14.00	2,964	6,642	7,220	8,143	234	178
Lynchburg, VA.....	423	894	1,015	1,155	10.57	13.79	3,180	6,126	6,821	7,704	194	212
Macon, GA.....	700	1,469	1,602	1,794	9.87	11.99	3,118	6,096	6,630	7,463	211	232
Madison, WI.....	1,084	2,298	2,574	2,889	10.30	12.24	3,875	7,346	8,067	8,889	58	103
Manchester-Nashua, NH.....	852	1,783	2,062	2,353	10.69	14.11	3,852	6,996	7,947	8,859	61	108
Mansfield, OH.....	475	884	957	1,053	8.29	10.03	3,681	6,792	7,319	8,042	94	183
McAllen-Pharr-Edinburg, TX.....	298	937	1,043	1,213	15.07	16.30	1,664	4,003	4,389	5,024	273	273
Melbourne-Titusville-Cocoa, FL.....	874	1,503	1,746	2,060	8.95	17.98	3,992	6,558	7,354	8,401	43	156
Memphis, TN-AR-MS.....	2,622	5,681	6,428	7,192	10.62	11.89	3,177	6,459	7,260	8,041	197	184
Miami, FL.....	5,011	11,022	12,560	14,249	11.02	13.45	4,010	7,634	8,671	9,714	41	38
Midland, TX.....	261	673	796	903	13.22	13.44	4,133	9,283	10,717	11,712	29	5
Milwaukee, WI.....	5,794	11,142	12,413	13,934	9.17	12.25	4,153	7,856	8,726	9,715	28	37
Minneapolis-St. Paul, MN-WI.....	8,173	16,328	18,334	21,017	9.91	14.63	4,235	7,985	8,848	10,025	24	26
Mobile, AL.....	1,013	2,467	2,775	3,064	11.70	10.41	2,702	5,805	6,390	6,980	259	248
Modesto, CA.....	660	1,660	1,906	2,190	12.74	14.90	3,453	6,913	7,724	8,707	138	122
Monroe, LA.....	313	712	823	918	11.36	11.54	2,739	5,458	6,281	6,945	256	249
Montgomery, AL.....	682	1,591	1,819	2,034	11.55	11.82	3,076	6,256	7,063	7,687	220	215
Muncie, IN.....	424	799	877	968	8.61	10.38	3,328	6,203	6,840	7,464	165	218
Muskegon-Norton Shores-Muskegon Heights, MI.....	582	1,081	1,222	1,363	8.88	11.54	3,354	6,013	6,799	7,575	162	224
Nashville-Davidson, TN.....	2,338	5,216	5,988	6,757	11.20	12.84	3,390	6,769	7,647	8,510	152	143
Nassau-Suffolk, NY.....	12,273	23,156	25,327	28,102	8.64	10.96	4,877	8,594	9,419	10,468	2	15
New Bedford-Fall River, MA.....	1,492	2,891	3,188	3								

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				Average annual rate of growth		Dollars				Rank in the United States	
	1969	1977	1978	1979	1969-79	1978-79	1969	1977	1978	1979	1969	1979
Panama City, FL.....	191	493	553	615	12.41	11.21	2,587	5,393	5,958	6,487	266	261
Parkersburg-Marietta, WV-OH.....	462	979	1,107	1,228	10.27	10.93	3,156	6,372	7,077	7,754	200	208
Pascagoula-Moss Point, MS.....	240	675	720	741	11.93	2.92	2,823	5,918	6,181	6,343	246	264
Paterson-Clifton-Passaic, NJ.....	1,878	3,357	3,696	4,085	8.08	10.52	4,074	7,463	8,315	9,190	31	69
Pensacola, FL.....	693	1,489	1,662	1,892	10.57	13.84	2,899	5,392	6,002	6,859	242	263
Peoria, IL.....	1,334	2,941	3,366	3,681	10.68	9.36	3,920	8,228	9,383	10,295	52	19
Petersburg-Colonial Heights-Hopewell, VA.....	414	804	895	993	9.14	10.95	3,179	6,312	7,005	7,905	195	197
Philadelphia, PA-NJ.....	19,394	35,424	38,704	42,791	8.24	10.56	4,066	7,389	8,104	8,958	34	91
Phoenix, AZ.....	3,405	8,986	10,559	12,492	13.88	18.31	3,599	7,129	8,081	9,322	117	56
Pine Bluff, AR.....	225	494	544	628	10.81	15.44	2,638	5,807	6,308	7,185	263	240
Pittsburgh, PA.....	8,987	17,053	18,680	20,825	8.77	11.48	3,743	7,425	8,178	9,218	82	66
Pittsfield, MA.....	563	975	1,067	1,176	7.64	10.22	3,778	6,769	7,349	8,224	73	170
Portland, ME.....	748	1,555	1,736	1,943	10.02	11.92	3,479	6,692	7,433	8,301	134	165
Portland, OR-WA.....	3,935	9,007	10,419	11,914	11.71	14.35	3,950	8,056	9,093	10,067	47	24
Poughkeepsie, NY.....	864	1,707	1,876	2,098	9.28	11.83	3,952	7,283	7,973	8,862	46	107
Providence-Warwick-Pawtucket, RI.....	3,077	5,857	6,536	7,260	8.96	11.08	3,663	6,851	7,683	8,551	99	139
Provo-Orem, UT.....	321	869	998	1,155	13.66	15.73	2,388	4,836	5,331	5,721	270	271
Pueblo, CO.....	353	772	862	978	10.73	13.46	3,004	6,266	6,984	7,971	228	190
Racine, WI.....	636	1,278	1,443	1,633	9.89	13.17	3,737	7,252	8,120	9,128	84	74
Raleigh-Durham, NC.....	1,413	3,365	3,823	4,377	11.97	14.49	3,453	6,959	7,822	8,803	139	115
Rapid City, SD.....	236	538	612	676	11.10	10.46	3,051	6,017	6,685	7,266	224	234
Reading, PA.....	1,122	2,213	2,453	2,752	9.39	12.19	3,810	7,309	8,054	8,956	67	92
Reno, NV.....	552	1,501	1,827	2,116	14.38	15.82	4,664	9,510	11,097	12,317	7	1
Richland-Kennebec-Pasco, WA.....	325	925	1,143	1,345	15.26	17.67	3,585	7,764	8,859	9,705	120	40
Richmond, VA.....	2,179	4,791	5,366	6,045	10.74	12.65	4,008	7,941	8,763	9,741	42	36
Riverside-San Bernardino-Ontario, CA.....	3,787	8,841	10,361	12,155	12.37	17.31	3,374	6,747	7,482	8,403	156	154
Roanoke, VA.....	684	1,465	1,640	1,864	10.54	13.66	3,385	6,880	7,694	8,770	153	118
Rochester, MN.....	307	692	787	879	11.09	11.69	3,736	7,584	8,578	9,464	85	50
Rochester, NY.....	4,080	7,433	8,079	8,966	8.19	10.98	4,306	7,616	8,321	9,218	19	67
Rockford, IL.....	1,079	2,061	2,331	2,596	9.18	11.87	4,019	7,682	8,635	9,650	40	43
Sacramento, CA.....	2,940	6,898	7,879	9,010	11.85	14.35	3,749	7,437	8,271	9,188	80	70
Saginaw, MI.....	790	1,715	1,901	2,090	10.22	9.94	3,600	7,545	8,359	9,221	116	64
Salem, OR.....	586	1,515	1,737	1,971	12.90	13.47	3,195	6,909	7,653	8,461	190	146
Salinas-Seaside-Monterey, CA.....	1,001	2,240	2,659	3,052	11.79	14.78	3,924	8,090	9,608	10,838	51	8
Salt Lake City-Ogden, UT.....	2,221	5,347	6,094	6,859	11.94	12.55	3,178	6,515	7,191	7,924	196	194
San Angelo, TX.....	216	531	613	697	12.43	13.70	3,019	6,927	7,906	8,766	227	119
San Antonio, TX.....	2,746	6,174	6,963	7,932	11.19	13.92	3,123	6,035	6,705	7,518	208	229
San Diego, CA.....	5,221	12,140	13,907	16,018	11.86	15.18	3,893	7,202	7,982	8,908	53	97
San Francisco-Oakland, CA.....	15,013	29,400	33,089	37,560	9.60	13.51	4,861	9,254	10,365	11,741	3	4
San Jose, CA.....	4,544	10,467	11,907	13,872	11.81	16.50	4,397	8,601	9,644	11,064	14	7
Santa Barbara-Santa Maria-Lompoc, CA.....	1,040	2,210	2,528	2,925	10.89	15.70	3,970	7,653	8,676	9,941	45	30
Santa Cruz, CA.....	447	1,168	1,351	1,560	13.31	15.47	3,659	6,878	7,778	8,847	103	110
Santa Rosa, CA.....	738	1,848	2,144	2,486	12.91	15.95	3,672	6,973	7,807	8,874	97	106
Sarasota, FL.....	492	1,418	1,659	1,922	14.60	15.85	4,277	8,416	9,320	10,425	21	18
Savannah, GA.....	659	1,315	1,487	1,643	9.57	10.49	3,199	6,052	6,846	7,526	189	228
Seattle-Everett, WA.....	6,200	12,183	14,124	16,489	10.28	16.74	4,412	8,476	9,570	10,788	13	9
Sherman-Denison, TX.....	257	530	617	723	17.18	17.18	3,103	6,297	7,274	8,201	213	173
Shreveport, LA.....	1,027	2,232	2,496	2,814	10.61	12.74	3,072	6,276	6,968	7,821	221	202
Sioux City, IA-NE.....	401	854	942	1,017	9.75	7.96	3,455	7,099	7,854	8,619	137	130
Sioux Falls, SD.....	327	722	828	934	11.07	12.80	3,450	7,059	8,041	9,229	141	96
South Bend, IN.....	1,027	1,946	2,173	2,403	8.87	10.58	3,678	6,990	7,730	8,552	95	138
Spokane, WA.....	982	2,153	2,465	2,784	10.98	12.94	3,564	6,877	7,685	8,485	122	145
Springfield-Chicopee-Holyoke, MA.....	2,120	3,815	4,199	4,660	8.19	10.98	3,660	6,473	7,175	8,030	102	185
Springfield, IL.....	692	1,495	1,640	1,779	9.90	8.48	4,073	8,088	8,919	9,706	32	39
Springfield, MO.....	521	1,197	1,355	1,556	11.56	14.83	3,125	6,204	6,848	7,806	207	206
Springfield, OH.....	646	1,184	1,316	1,454	8.45	10.49	3,504	6,477	7,183	7,917	129	195
Steubenville-Weirton, OH-WV.....	549	1,175	1,272	1,434	10.08	12.74	3,321	7,169	7,842	8,894	167	99
St. Cloud, MN.....	342	833	944	1,086	12.25	15.04	5,685	5,302	5,863	6,620	261	259
St. Joseph, MO.....	325	626	682	772	9.04	13.20	3,241	6,243	6,836	7,810	180	203
St. Louis, MO-IL.....	9,326	17,769	19,740	21,986	8.95	11.38	3,941	7,451	8,261	9,171	49	71
Stockton, CA.....	1,054	2,258	2,525	2,876	10.56	13.90	3,700	7,357	8,041	8,983	91	87
Syracuse, NY.....	2,267	4,223	4,645	5,196	8.65	11.86	3,588	6,482	7,152	8,015	119	188
Tacoma, WA.....	1,532	2,993	3,456	3,960	9.96	14.58	3,778	7,023	7,878	8,779	74	117
Tallahassee, FL.....	287	847	956	1,087	14.24	13.70	2,708	6,173	6,835	7,737	258	209
Tampa-St. Petersburg, FL.....	3,479	8,930	10,238	11,726	12.92	14.53	3,263	6,501	7,300	8,173	176	176
Terre Haute, IN.....	544	1,083	1,207	1,365	9.64	13.09	3,092	6,214	6,899	7,810	214	204
Texarkana, TX-Texarkana, AR.....	343	701	792	921	10.38	16.29	3,131	5,912	6,679	7,615	204	221
Toledo, OH-MI.....	2,874	5,089	6,246	6,895	9.15	10.39	3,807	7,349	8,070	8,962	69	89
Topeka, KS.....	651	1,367	1,529	1,723	10.22	12.69	3,629	7,455	8,203	9,113	112	77
Trenton, NJ.....	1,234	2,444	2,695	2,978	9.21	10.50	4,036	7,706	8,525	9,461	37	51
Tucson, AZ.....	1,144	2,916	3,349	3,958	13.22	18.18	3,317	6,428	7,253	8,319	170	164
Tulsa, OK.....	1,922	4,557	5,210	6,000	12.06	15.16	3,544	7,439	8,404	9,436	125	53
Tuscaloosa, AL.....	292	706	779	865	11.47	11.04	2,508	5,708	6,212	6,767	269	256
Tyler, TX.....	313	815	931	1,081	13.19	16.11	3,284	7,294	8,146	9,127	174	75
Utica-Rome, NY.....	1,167	1,954	2,133	2,358	7.29	10.55	5,424	5,931	6,516	7,221	146	237
Vallejo-Fairfield-Napa, CA.....	914	2,132	2,417	2,789	11.80	15.39	3,731	7,292	8,016	8,906	86	98
Vineland-Millville-Bridgeton, NJ.....	414	830	907	992	9.13	9.37	3,432	6,292	6,956	7,770	144	207
Waco, TX.....	4											

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

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of Dollars.			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
United States.....	1,522,104	1,712,066	1,927,005	12.55	7,035	7,846	8,757	-----	Kodiak.....	77	89	96	7.87	7,601	8,935	9,615	14
SMSA countries.....	1,195,510	1,341,218	1,507,953	12.43	7,504	8,353	9,319	-----	Kuskokwim.....	12	12	12	-----	4,357	4,382	3,929	28
Non-SMSA countries.....	326,594	370,848	419,052	13.00	5,725	6,433	7,195	-----	Matanuska- Susitna.....	133	150	168	12.00	9,020	8,939	8,878	16
Alabama.....	20,846	23,654	26,275	11.08	5,648	6,345	6,971	-----	Nome.....	45	46	49	6.52	6,447	6,615	7,223	22
SMSA countries.....	14,152	15,966	17,785	11.39	6,198	6,911	7,604	-----	Outer Ketchikan.....	13	13	14	7.69	6,899	8,538	8,420	20
Non-SMSA countries.....	6,694	7,687	8,490	10.45	4,756	5,422	5,937	-----	Prince of Wales.....	23	22	24	9.09	7,699	7,192	8,699	18
Autauga.....	147	169	203	20.12	5,070	5,805	6,766	16	Seward.....	30	31	36	16.13	10,053	10,119	11,408	9
Baldwin.....	398	458	520	13.54	5,544	6,198	6,831	13	Sitka.....	83	88	101	14.77	10,819	11,332	14,064	2
Barbour.....	115	132	142	7.58	4,581	5,235	5,605	41	Skagway-Yakutat.....	20	22	25	13.64	7,201	7,092	8,584	19
Bibb.....	69	79	87	10.13	4,687	5,368	5,784	38	Southeast Fairbanks.....	35	34	39	14.71	6,640	6,446	7,134	23
Blount.....	139	159	175	10.06	4,206	4,717	5,017	60	Upper Yukon.....	19	17	16	-5.88	11,608	11,039	11,091	10
Bullock.....	51	56	64	14.29	4,403	4,858	5,530	47	Valdez-Chitina- Whittier.....	112	55	64	16.36	13,540	7,348	9,145	15
Butler.....	87	103	115	11.65	4,048	4,758	5,156	58	Wade Hampton.....	14	14	13	-7.14	2,805	2,938	2,737	29
Calhoun.....	615	672	734	9.23	5,472	5,784	6,251	24	Wrangell- Petersburg.....	53	57	64	12.28	9,102	10,033	12,263	7
Chambers.....	199	219	234	6.85	5,352	5,839	6,112	27	Yukon-Koyukuk.....	52	61	66	8.20	8,871	11,006	12,422	5
Cherokee.....	75	89	99	11.24	4,166	4,941	5,567	46	Arizona.....	15,053	17,519	20,674	18.01	6,532	7,383	8,438	-----
Chilton.....	126	144	164	13.89	4,451	4,974	5,588	43	SMSA Counties.....	11,902	13,908	16,450	18.28	6,944	7,865	9,059	-----
Choctaw.....	68	75	86	14.67	3,897	4,420	5,000	61	Non-SMSA Counties.....	3,151	3,610	4,224	17.01	5,336	5,973	6,660	-----
Clarke.....	128	143	155	8.39	4,558	5,098	5,690	40	Apache.....	180	215	253	17.67	3,836	4,402	4,671	14
Clay.....	58	68	74	8.82	4,346	4,992	5,284	54	Cochise.....	407	461	527	14.32	5,340	5,920	6,684	10
Cleburne.....	52	59	64	8.47	4,467	4,975	5,246	56	Cocino.....	350	403	448	11.17	5,376	6,070	6,612	11
Coffee.....	202	234	259	10.68	5,601	6,497	7,123	8	Gila.....	191	225	262	16.44	5,672	6,446	7,387	6
Colbert.....	296	339	375	10.62	5,888	6,767	7,432	4	Graham.....	87	96	114	18.75	4,317	4,827	5,630	12
Conecuh.....	60	73	82	12.33	3,854	4,621	5,047	59	Greenlee.....	71	84	100	19.05	6,253	7,319	8,720	2
Coosa.....	47	54	60	11.11	4,201	4,788	5,358	51	Maricopa.....	8,986	10,559	12,492	18.31	7,129	8,081	9,322	1
Covington.....	173	196	219	11.73	4,925	5,569	6,144	25	Mohave.....	289	293	357	21.84	5,919	6,872	7,149	7
Crenshaw.....	54	65	71	9.23	3,820	4,595	4,912	62	Navajo.....	286	346	386	11.56	4,697	5,493	5,512	13
Cullman.....	299	350	388	10.86	5,019	5,815	6,386	21	Pima.....	2,916	3,849	3,958	18.18	6,428	7,253	8,319	3
Dale.....	197	220	241	9.55	4,521	4,838	5,279	55	Pinal.....	463	498	607	21.89	5,329	5,695	6,792	8
Dallas.....	255	275	306	11.27	4,560	5,241	5,974	32	Santa Cruz.....	97	110	129	17.27	5,401	5,986	6,785	9
De Kalb.....	213	255	280	9.80	4,298	5,070	5,570	45	Yavapai.....	346	403	478	18.61	6,092	6,839	7,697	4
Elmore.....	204	236	265	12.29	5,006	5,672	6,099	28	Yuma.....	433	475	562	18.32	5,848	6,379	7,432	5
Escambia.....	184	203	226	11.33	5,117	5,679	6,259	23	Arkansas.....	11,760	13,396	15,159	13.16	5,464	6,182	6,953	-----
Etowah.....	551	628	706	12.42	5,685	6,406	7,167	6	SMSA Counties.....	5,146	5,846	6,599	12.88	6,205	7,000	7,807	-----
Fayette.....	86	100	112	12.00	5,174	5,974	6,443	20	Non-SMSA Counties.....	6,614	7,550	8,560	13.38	4,999	5,669	6,412	-----
Franklin.....	129	151	169	11.92	4,792	5,591	6,012	31	Arkansas.....	148	171	201	17.54	6,263	7,128	8,529	2
Geneva.....	109	130	145	11.54	4,559	5,406	5,831	37	Ashley.....	135	150	161	7.33	5,199	5,758	6,296	35
Greene.....	35	43	48	11.63	3,346	4,076	4,712	67	Baxter.....	142	162	182	12.35	5,717	6,493	7,245	9
Hale.....	56	65	74	13.85	3,602	4,212	4,747	66	Benton.....	402	482	538	11.62	6,265	7,357	8,047	4
Henry.....	74	84	88	4.76	4,905	5,420	5,525	48	Boone.....	137	160	182	13.75	5,725	6,532	7,077	13
Houston.....	411	468	507	8.33	5,859	6,575	7,123	7	Bradley.....	64	75	83	10.67	4,977	5,756	6,462	31
Jackson.....	260	308	334	8.44	5,372	6,201	6,691	17	Calhoun.....	24	28	31	10.71	4,460	5,030	5,475	63
Jefferson.....	4,653	5,212	5,825	11.76	7,136	7,962	8,823	1	Carroll.....	78	93	103	10.75	5,339	6,292	6,999	16
Lamar.....	78	92	102	10.87	5,028	5,883	6,627	19	Chicot.....	67	75	89	18.67	3,868	4,290	5,102	71
Lauderdale.....	436	502	560	11.55	5,780	6,556	7,087	10	Clark.....	113	130	146	12.31	5,146	5,998	6,639	26
Lawrence.....	120	136	144	13.24	4,160	4,621	5,214	57	Clay.....	98	113	135	19.47	4,855	5,668	6,686	24
Lee.....	352	400	432	8.00	5,077	5,661	5,933	34	Cleburne.....	99	81	93	14.81	4,491	5,201	5,850	52
Limestone.....	199	229	268	17.03	4,577	5,225	6,056	30	Cleveland.....	31	35	41	17.14	4,591	5,209	5,853	51
Lowndes.....	49	63	70	11.11	3,576	4,578	5,395	50	Columbia.....	136	155	167	7.74	5,207	5,881	6,871	33
Macon.....	103	113	127	12.39	3,852	4,242	4,790	65	Conway.....	88	98	114	16.33	4,840	5,405	6,185	39
Madison.....	1,242	1,410	1,558	10.50	6,654	7,556	8,249	2	Craighead.....	340	382	431	12.83	5,597	6,228	6,985	17
Marengo.....	100	117	129	10.26	4,214	4,944	5,590	42	Crawford.....	148	177	201	13.56	4,464	5,215	5,849	53
Marion.....	126	147	165	12.24	4,681	5,466	6,089	29	Crittenden.....	282	272	317	16.54	4,598	5,416	6,068	43
Marshall.....	317	373	422	13.14	5,243	6,069	6,919	12	Cross.....	105	121	142	17.36	5,122	5,876	6,957	18
Mobile.....	2,069	2,317	2,544	9.80	5,859	6,430	7,011	11	Dallas.....	49	56	63	12.50	4,806	5,539	6,173	41
Monroe.....	95	126	136	7.34	4,284	5,498	5,735	39	Desha.....	91	94	112	19.15	5,052			

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Pope.....	187	205	225	9.76	5,379	5,776	6,324	34	Clear Creek.....	38	47	53	12.77	7,099	8,274	8,081	25
Prairie.....	53	57	70	22.81	5,151	5,698	7,238	10	Conejos.....	25	26	36	38.46	3,029	3,253	4,606	60
Pulaski.....	2,310	2,585	2,906	12.42	7,111	7,932	8,856	1	Costilla.....	12	13	16	23.08	3,779	4,026	4,779	59
Randolph.....	72	84	99	17.86	4,352	4,993	5,772	57	Crowley.....	15	26	22	-15.38	4,939	9,007	8,003	29
St. Francis.....	143	165	186	12.73	4,496	5,212	6,032	47	Custer.....	6	8	13	62.50	4,835	5,431	7,968	31
Saline.....	235	266	303	13.91	5,220	5,766	6,457	32	Delta.....	93	106	132	24.53	4,895	5,403	6,588	44
Scott.....	38	45	50	11.11	4,211	5,188	5,687	59	Denver.....	4,187	4,695	5,283	12.52	8,768	9,891	11,182	3
Searcy.....	28	32	37	15.63	3,289	3,915	4,461	73	Dolores.....	6	9	10	11.11	3,923	5,341	6,144	49
Sebastian.....	592	668	741	10.93	6,645	7,458	8,365	3	Douglas.....	148	190	238	25.26	7,747	8,328	9,141	15
Sevier.....	62	74	83	12.16	5,052	6,048	6,743	22	Eagle.....	82	98	125	27.55	6,771	7,732	9,357	11
Sharp.....	58	68	77	13.24	4,799	5,501	6,050	45	Elbert.....	29	27	47	74.07	4,914	4,255	6,094	51
Stone.....	28	33	37	12.12	3,393	3,868	4,125	74	El Paso.....	1,801	2,046	2,340	14.37	6,299	7,041	8,060	28
Union.....	295	335	375	11.94	6,448	7,264	8,032	5	Fremont.....	143	165	192	16.36	5,436	6,143	6,871	40
Van Buren.....	45	53	60	13.21	4,166	4,687	5,217	67	Garfield.....	126	149	178	19.46	6,657	7,676	8,779	18
Washington.....	479	560	615	9.82	5,217	6,053	6,496	29	Gilpin.....	9	11	12	9.09	4,494	4,984	5,671	58
White.....	233	262	302	15.27	4,932	5,499	6,295	36	Grand.....	41	48	60	25.00	6,555	7,333	8,725	20
Woodruff.....	63	65	80	23.08	5,751	5,826	7,033	15	Gunnison.....	41	49	57	16.33	4,666	5,499	6,222	48
Yell.....	74	86	94	9.30	4,415	5,296	5,960	50	Hinsdale.....	2	2	2	-----	3,166	3,150	3,880	63
California.....	174,028	198,113	227,793	14.98	7,951	8,879	10,037	-----	Huerfano.....	29	32	37	15.63	4,407	4,941	5,696	57
SMMSA counties.....	163,672	186,302	213,934	14.83	8,075	9,029	10,212	-----	Jackson.....	10	16	11	-31.25	5,640	7,981	6,112	50
Non-SMSA counties.....	10,356	11,811	13,859	17.34	6,404	7,032	7,943	-----	Jefferson.....	2,625	3,086	3,594	16.46	7,839	8,752	9,757	7
Alameda.....	8,868	10,028	11,314	12.82	8,067	9,088	10,285	10	Kiowa.....	18	14	12	-14.29	9,050	7,426	6,068	52
Alpine.....	4	6	7	16.67	4,782	6,029	6,024	57	Kit Carson.....	47	58	66	13.79	5,998	7,613	8,709	21
Amador.....	110	130	154	18.46	6,736	7,397	8,171	32	Lake.....	61	67	78	16.42	7,360	8,210	9,502	8
Butte.....	793	902	1,052	16.63	6,143	6,753	7,649	44	La Plata.....	130	154	173	12.34	5,262	6,043	6,453	45
Calaveras.....	96	115	134	16.52	5,626	6,091	6,559	55	Larimer.....	793	924	1,076	16.45	6,268	6,998	7,865	33
Colusa.....	131	139	178	28.06	10,138	10,812	13,684	1	Las Animas.....	75	81	101	24.69	4,737	5,190	6,730	41
Contra Costa.....	5,435	6,129	7,009	14.36	8,870	9,789	10,980	6	Lincoln.....	28	26	35	34.62	6,032	5,734	8,157	24
Del Norte.....	107	124	140	12.90	6,486	7,212	7,942	39	Logan.....	121	153	172	12.42	6,144	7,796	9,142	14
El Dorado.....	465	552	642	16.30	6,765	7,274	7,717	42	Mesa.....	430	501	597	19.16	6,385	7,117	8,078	26
Fresno.....	3,324	3,729	4,419	18.50	7,039	7,784	9,093	17	Mineral.....	5	7	8	14.29	6,660	7,739	10,356	5
Glenn.....	134	167	195	16.77	6,611	8,119	9,142	16	Moffat.....	72	103	111	7.77	6,946	9,345	8,960	17
Humboldt.....	707	773	875	13.20	6,672	7,236	8,122	33	Montezuma.....	77	90	100	11.11	5,048	5,883	6,372	46
Imperial.....	499	607	748	23.23	5,623	6,669	8,007	36	Montrose.....	114	132	145	9.85	5,179	5,808	6,258	47
Inyo.....	109	128	148	15.63	6,108	7,109	7,958	38	Morgan.....	125	166	162	-2.41	5,843	7,804	7,698	34
Kern.....	2,482	2,687	3,197	18.98	6,901	7,390	8,614	26	Otero.....	126	147	162	10.20	5,308	6,303	7,060	38
Kings.....	418	413	524	26.88	5,912	5,759	7,270	50	Ouray.....	13	14	11	-21.43	6,679	7,121	5,765	56
Lake.....	173	210	251	19.52	5,923	6,604	7,296	49	Park.....	16	21	23	9.52	3,851	4,432	3,910	62
Lassen.....	117	139	163	17.27	6,046	6,997	7,600	45	Phillips.....	38	42	55	30.95	8,591	9,682	13,242	1
Los Angeles.....	58,505	66,242	75,564	14.07	8,336	9,347	10,606	8	Pitkin.....	87	104	130	25.00	8,536	9,657	11,439	2
Madera.....	351	372	459	23.39	6,854	6,399	8,020	35	Prowers.....	66	75	95	26.67	4,808	5,536	7,228	37
Marin.....	2,906	2,610	2,986	14.41	10,291	11,620	13,299	2	Pueblo.....	772	862	978	13.46	6,266	6,984	7,971	30
Mariposa.....	50	63	73	15.87	5,408	6,278	6,732	53	Rio Blanco.....	32	45	55	22.22	6,206	8,140	8,754	19
Mendocino.....	394	454	523	15.20	6,414	7,165	7,973	37	Rio Grande.....	60	66	79	19.70	5,556	6,065	7,445	36
Merced.....	895	948	1,117	17.83	7,267	7,552	8,736	24	Routt.....	76	93	126	35.48	7,145	7,926	9,773	6
Modoc.....	39	47	56	21.67	6,389	6,942	8,104	34	Saguache.....	14	16	22	37.50	3,561	3,865	5,824	54
Mono.....	39	47	56	19.15	5,102	5,943	6,538	56	San Juan.....	5	5	4	-20.00	5,461	5,341	5,791	55
Monterey.....	2,240	2,659	3,052	14.78	8,090	9,608	10,838	7	San Miguel.....	9	13	14	7.69	3,116	4,488	4,547	61
Napa.....	709	815	927	13.74	7,667	8,726	9,901	12	Sedgwick.....	24	18	30	66.67	7,215	5,392	9,471	9
Nevada.....	246	291	345	18.56	6,178	6,646	7,240	51	Summit.....	45	56	68	21.43	6,904	7,820	9,025	16
Orange.....	14,796	17,109	19,758	15.48	8,242	9,327	10,547	9	Teller.....	37	43	51	18.60	5,807	6,257	6,644	43
Placer.....	681	804	944	17.41	6,735	7,490	8,302	30	Washington.....	27	36	43	19.44	4,974	6,651	7,912	32
Plumas.....	95	106	124	16.98	6,316	6,752	7,390	47	Weld.....	659	801	893	11.49	6,026	7,155	7,662	35
Riverside.....	3,872	4,554	5,348	17.44	6,757	7,513	8,431	28	Yuma.....	67	68	80	17.65	7,166	7,282	8,076	27
Sacramento.....	5,440	6,204	7,058	13.77	7,548	8,412	9,316	14	Connecticut.....	24,995	27,959	31,555	12.86	8,045	8,973	10,129	-----
San Benito.....	145	180	200	11.11	6,887	8,308	9,046	18	Non-SMSA counties.....	23,246	25,978	29,318	12.86	8,113	9,065	10,247	-----
San Bernardino.....	4,969	5,806	6,807	17.24	6,739	7,458	8,381	29	Fairfield.....	1,749	1,981	2,238	12.97	7,234	7,923	8,805	-----
San Diego.....	12,140	13,907	16,018	15.18	7,202	7,982	8,908	21	Hartford.....	7,789	8,754	9,875	12.81	9,571	10,852	12,266	2
San Francisco.....	6,799	7,543	8,478	12.40	10,388	11,608	13,178	3	Hartford.....	6,500	7,294	8,265	13.31	7,982	8,948	10,153	1
San Joaquin.....	2,258	2,															

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Duval	3,709	4,166	4,598	10.37	6,694	7,461	8,184	15	Coweta	216	240	272	13.33	5,869	6,439	7,120	21
Escambia	1,238	1,375	1,564	13.75	5,448	6,069	6,973	27	Crawford	22	24	26	8.33	3,235	3,521	3,778	156
Flagler	41	52	65	25.00	5,206	5,987	6,932	28	Crisp	87	101	115	13.86	4,555	5,262	6,085	79
Franklin	26	29	34	17.24	3,312	3,638	3,974	67	Dade	51	58	65	12.07	4,383	5,028	5,509	119
Gadsden	144	162	185	14.20	3,933	4,408	5,052	59	Dawson	21	25	28	12.00	4,283	5,131	5,173	141
Gilchrist	24	29	35	20.69	4,525	5,269	5,863	42	Decatur	117	137	159	16.06	4,747	5,575	6,523	51
Glades	20	24	29	20.83	3,631	4,473	5,158	56	De Kalb	3,914	4,438	5,028	13.29	8,565	9,806	11,027	1
Gulf	55	62	70	12.90	5,289	5,963	6,768	30	Dodge	68	81	93	14.81	4,082	4,896	5,532	113
Hamilton	37	44	49	11.36	4,292	5,151	5,743	46	Dooly	40	49	58	18.37	3,636	4,439	5,293	132
Hardee	88	117	137	17.09	5,236	6,866	7,642	21	Dougherty	515	598	681	13.88	5,429	6,292	7,123	20
Hendry	117	143	171	19.58	7,476	8,644	9,751	5	Douglas	262	305	346	13.44	5,568	6,231	6,794	34
Hernando	171	208	242	16.35	5,359	6,101	6,649	32	Early	47	60	74	23.33	3,534	4,582	5,573	114
Highlands	215	261	306	17.24	5,368	6,287	7,087	26	Echols	8	9	11	22.22	3,529	4,325	4,691	150
Hillsborough	3,598	4,094	4,655	13.70	6,201	6,949	7,775	20	Effingham	79	93	102	9.68	4,711	5,339	5,604	110
Holmes	51	69	89	15.00	3,820	4,380	4,996	60	Elbert	95	102	120	17.65	5,212	5,604	6,561	50
Indian River	355	426	497	16.67	7,517	8,583	9,395	7	Emanuel	79	93	108	16.13	3,893	4,606	5,435	124
Jackson	167	189	214	13.23	4,484	5,033	5,750	45	Evans	39	45	51	13.33	4,693	5,370	5,818	98
Jefferson	41	48	56	16.67	4,165	4,681	5,552	50	Fannin	57	66	70	6.06	3,892	4,459	4,827	148
Lafayette	15	16	16		4,276	4,167	4,215	65	Fayette	130	162	191	17.90	6,176	6,838	7,333	16
Lake	561	686	794	15.74	6,080	7,258	8,257	14	Floyd	477	525	585	11.43	6,049	6,719	7,649	9
Lee	1,100	1,306	1,533	17.38	6,324	7,119	7,949	17	Forsyth	114	136	147	8.09	4,989	5,863	6,062	81
Leon	810	914	1,038	13.57	6,323	7,010	7,934	18	Franklin	68	77	83	7.79	4,794	5,468	6,053	82
Levy	75	86	101	17.44	4,402	4,975	5,552	51	Fulton	4,598	5,165	5,803	12.35	8,175	9,201	10,316	2
Liberty	13	16	18	12.50	3,377	3,988	4,539	63	Gilmer	50	59	64	8.47	4,532	5,507	5,917	94
Madison	62	72	82	13.89	4,185	4,887	5,634	48	Glascok	13	15	16	6.67	5,183	5,753	6,188	72
Manatee	819	956	1,116	16.74	6,518	7,345	8,279	13	Glynn	331	372	415	11.56	6,684	7,511	8,315	4
Marion	528	608	707	16.28	5,083	5,731	6,549	34	Gordon	146	167	190	13.77	5,242	5,867	6,609	43
Martin	349	417	497	19.18	7,215	8,094	9,178	8	Grady	109	134	167	13.54	4,012	4,969	5,514	118
Monroe	348	383	425	10.97	7,210	7,534	8,362	12	Greene	45	53	59	11.32	4,192	4,914	5,468	122
Nassau	138	157	175	11.46	4,514	4,995	5,560	49	Gwinnett	775	924	1,075	16.34	6,038	6,778	7,528	12
Okaloosa	561	634	705	11.20	5,356	5,977	6,577	33	Habersham	112	128	142	10.94	4,682	5,288	5,811	99
Okeechobee	74	87	106	21.84	4,080	4,636	5,412	53	Hall	404	473	537	13.53	5,896	6,824	7,610	10
Orange	2,914	3,392	3,910	15.27	7,034	8,002	9,087	9	Hancock	33	38	43	13.16	3,574	4,129	4,721	149
Osceola	185	221	267	20.81	4,805	5,608	6,396	39	Haralson	96	106	120	13.21	5,397	5,947	6,756	35
Palm Beach	3,898	4,557	5,400	18.50	8,227	9,307	10,520	1	Harris	66	73	81	10.96	5,182	5,612	6,291	62
Pasco	719	861	1,010	17.31	4,965	5,664	6,191	41	Hart	86	93	106	13.98	5,141	5,557	6,450	57
Pinellas	4,613	5,283	6,061	14.73	7,114	7,989	9,007	10	Heard	33	37	40	8.11	5,382	5,933	6,197	70
Polk	1,676	1,977	2,292	15.93	6,006	6,995	7,953	16	Henry	171	195	222	13.85	5,825	6,342	6,820	33
Putnam	204	229	256	11.79	4,496	5,011	5,513	52	Houston	443	478	529	10.67	6,023	6,428	7,064	25
St. Johns	241	281	327	16.37	5,830	6,460	7,281	25	Irwin	35	48	53	10.42	4,121	5,535	6,095	76
St. Lucie	399	473	572	20.93	5,589	6,373	7,454	23	Jackson	114	130	141	8.46	4,781	5,467	6,025	84
Santa Rosa	251	287	328	14.29	5,132	5,698	6,362	40	Jasper	37	44	49	11.36	5,445	6,430	7,143	18
Sarasota	1,418	1,659	1,922	15.85	8,416	9,320	10,425	2	Jeff Davis	55	65	75	15.38	5,025	6,023	7,064	24
Seminole	776	926	1,092	17.93	5,350	6,080	6,854	29	Jefferson	76	86	102	18.60	4,541	5,208	6,226	68
Sumter	93	108	126	16.67	4,476	5,089	5,842	43	Jenkins	30	36	45	25.00	3,569	4,306	5,183	140
Suwannee	90	106	114	7.55	4,549	5,309	5,742	47	Johnson	32	38	46	21.05	3,949	4,869	6,006	86
Taylor	78	84	96	14.29	5,456	5,737	6,498	37	Jones	60	70	77	10.00	3,824	4,417	4,847	147
Union	33	38	44	15.79	3,181	3,496	3,982	66	Lamar	53	59	66	11.86	4,587	5,003	5,574	113
Volusia	1,295	1,490	1,731	16.17	6,054	6,757	7,602	22	Lanier	21	26	28	7.69	3,999	4,926	5,240	135
Wakulla	37	42	49	16.67	4,079	4,447	5,055	58	Laurens	163	208	229	12.81	4,696	5,764	6,488	54
Walton	75	85	94	10.59	4,113	4,634	5,141	57	Lee	35	44	54	22.73	3,463	4,291	5,254	134
Washington	57	64	73	14.06	4,217	4,682	5,321	54	Liberty	172	192	221	15.10	6,173	6,096	6,690	40
Georgia	30,386	34,636	39,031	12.69	6,028	6,825	7,627	-----	Lincoln	27	31	34	9.68	4,388	4,992	5,717	103
SMSA counties	19,648	22,234	25,047	12.65	6,860	7,681	8,543	-----	Long	18	20	23	15.00	4,747	5,358	5,930	91
Non-SMSA counties	10,738	12,402	13,984	12.76	4,933	5,689	6,398	-----	Lowndes	322	370	411	11.08	5,052	5,853	6,486	55
Appling	69	85	87	2.85	4,611	5,751	5,921	93	Lumpkin	38	45	48	6.67	3,826	4,665	4,895	146
Atkinson	22	29	30	3.45	3,770	4,794	5,900	131	McDuffie	89	98	111	13.27	5,098	5,485	6,216	69
Bacon	40	49	51	4.08	4,261	5,203	5,892	126	McIntosh	28	31	35	12.90	3,126	3,700	4,221	158
Baker	14	18	24	33.33	3,598	4,517	5,939	90	Macon	50	59	70	18.64	4,131	4,706	5,601	111
Baldwin	155	175	203	16.00	4,819	5,695	6,576	47	Madison	75	85	94	10.59	4,641	5,310	5,798	100
Banks	32	38	41	7.89	4,424	5,145	5,686	1									

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Taliaferro.....	9	10	11	10.00	4,259	4,783	5,747	102	Brown.....	32	37	42	13.51	5,973	7,142	7,796	74
Tattnall.....	71	86	91	5.81	4,112	4,951	5,480	120	Bureau.....	269	292	335	14.73	7,253	7,826	8,908	47
Taylor.....	34	38	45	18.42	4,325	4,916	5,967	88	Calhoun.....	32	37	41	10.81	5,771	6,904	7,671	81
Telfair.....	52	64	72	12.50	4,487	5,474	6,088	78	Carroll.....	108	129	139	7.75	5,805	6,958	7,519	84
Terrell.....	42	51	60	17.65	3,737	4,697	5,605	109	Cass.....	98	107	124	15.89	7,006	7,810	9,337	25
Thomas.....	192	223	250	12.11	5,110	5,932	6,604	44	Champaign.....	1,093	1,202	1,340	11.48	6,630	7,307	8,233	59
Tift.....	152	185	208	12.43	4,820	5,967	6,617	42	Christian.....	280	286	336	17.48	7,624	7,811	9,185	35
Toombs.....	97	114	124	8.77	4,490	5,328	5,698	104	Clark.....	101	112	128	14.29	6,148	6,811	7,785	75
Towns.....	19	22	25	13.64	3,859	4,446	4,914	145	Clay.....	81	84	99	17.86	5,452	5,793	7,084	91
Treutlen.....	21	25	27	8.00	3,476	4,090	4,413	154	Clinton.....	194	208	239	14.90	6,345	6,715	7,744	78
									Coles.....	323	357	402	12.61	6,472	7,249	8,250	58
Troup.....	268	292	327	11.99	5,894	6,410	7,201	17	Cook.....	45,365	49,743	54,258	9.08	8,532	9,407	10,376	7
Turner.....	37	48	59	22.92	4,197	5,412	6,489	53	Crawford.....	141	153	176	15.03	7,075	7,615	8,678	50
Twiggs.....	30	33	38	15.15	3,591	3,930	4,422	153	Cumberland.....	57	55	66	20.00	5,478	5,310	6,561	97
Union.....	28	33	35	6.06	3,418	3,975	4,344	156	De Kalb.....	466	525	583	11.05	6,460	7,336	8,082	62
Upson.....	128	142	158	11.27	5,209	5,726	6,406	59	De Witt.....	128	146	167	14.38	7,569	8,572	9,693	19
Walker.....	305	340	372	9.41	5,661	6,397	7,127	19	Douglas.....	154	166	193	16.27	8,065	8,819	10,473	5
Walton.....	148	166	193	16.27	4,968	5,590	6,431	58	Du Page.....	5,771	6,578	7,314	11.19	9,990	11,103	12,080	1
Ware.....	191	215	239	11.16	5,288	6,016	6,683	41	Edgar.....	147	168	193	14.88	6,859	7,899	9,089	38
Warren.....	28	31	36	16.13	4,498	4,814	5,689	105	Edwards.....	52	57	67	17.54	6,855	7,596	9,202	34
Washington.....	89	102	116	13.73	5,215	6,052	6,855	32	Edwards.....	190	204	232	13.73	6,577	6,980	7,854	71
Wayne.....	94	110	123	11.82	4,825	5,719	6,471	56	Fayette.....	123	120	143	19.17	5,904	5,724	6,863	94
Webster.....	8	11	13	18.18	3,135	4,432	5,324	129	Ford.....	124	140	157	12.14	8,434	9,468	10,376	6
Wheeler.....	17	22	25	13.64	3,567	4,444	5,203	138	Franklin.....	264	271	333	22.88	6,312	6,484	8,011	64
White.....	37	43	46	6.98	4,117	4,801	5,085	143	Fulton.....	202	319	362	13.48	6,811	7,397	8,309	55
Whitfield.....	389	429	478	11.42	6,403	7,023	7,764	8	Gallatin.....	41	39	50	28.21	5,698	5,629	7,523	83
Wilcox.....	29	35	43	22.86	4,171	4,886	5,951	89	Greene.....	89	97	112	15.46	5,378	5,971	7,267	89
Wilkes.....	52	59	68	15.25	4,986	5,645	6,603	45	Grundy.....	248	278	314	12.95	8,608	9,349	10,585	4
Wilkinson.....	45	53	61	15.09	4,577	5,390	6,152	74	Hamilton.....	50	43	59	37.21	5,739	4,952	6,642	96
Worth.....	62	82	98	19.51	3,619	4,880	5,889	96	Hancock.....	129	174	179	2.87	5,707	7,704	8,003	66
Columbus (consoli- dated govern- ment).....	986	1,092	1,192	9.16	5,949	6,603	7,072	23	Hardin.....	22	24	26	8.33	4,295	4,592	4,929	101
Hawaii.....	6,796	7,525	8,371	11.24	7,727	8,450	9,248	-----	Henderson.....	47	63	67	6.35	5,574	7,346	7,691	80
SMSA counties.....	5,615	6,207	6,889	10.99	7,956	8,741	9,573	-----	Henry.....	416	470	525	11.70	7,412	8,279	9,225	32
Non-SMSA counties.....	1,181	1,318	1,482	12.44	6,795	7,305	7,986	-----	Iroquois.....	239	272	306	12.50	7,281	8,279	9,321	26
Hawaii.....	525	584	650	11.30	6,634	7,137	7,760	4	Jackson.....	338	369	413	11.92	5,955	6,501	7,313	87
Honolulu.....	5,615	6,207	6,889	10.99	7,956	8,741	9,573	1	Jasper.....	72	73	86	17.81	6,436	6,642	7,955	67
Kauai.....	228	254	283	11.42	6,633	7,147	7,762	3	Jefferson.....	225	233	279	19.74	6,370	6,516	7,833	72
Maui + Kalawao.....	428	480	550	14.58	7,098	7,612	8,399	2	Jersey.....	118	130	144	10.77	6,025	6,625	7,506	85
Idaho.....	5,345	6,160	6,905	12.09	6,244	6,983	7,632	-----	Jo Daviess.....	125	143	154	7.69	5,536	6,378	6,905	93
SMSA counties.....	1,157	1,342	1,489	10.95	7,988	8,872	9,528	-----	Johnson.....	39	42	48	14.29	4,345	4,642	5,194	100
Non-SMSA counties.....	4,187	4,818	5,416	12.41	5,888	6,592	7,236	-----	Kane.....	2,188	2,460	2,787	11.26	8,086	8,924	9,818	17
Ada.....	1,157	1,342	1,489	10.95	7,988	8,872	9,528	2	Kankakee.....	707	792	872	10.10	7,348	8,174	9,032	41
Adams.....	20	23	25	8.70	6,100	6,815	7,330	18	Kendall.....	274	309	349	12.94	8,384	9,156	10,228	10
Bannock.....	402	445	487	9.44	6,561	7,108	7,599	13	Knox.....	431	492	532	8.13	7,102	8,147	8,866	48
Bear Lake.....	35	42	46	9.52	5,048	5,989	6,473	33	Lake.....	3,779	4,261	4,727	10.94	9,012	10,003	10,955	2
Benewah.....	46	52	59	13.46	6,081	6,883	7,520	16	La Salle.....	882	992	1,127	12.47	7,502	8,115	9,212	33
Bingham.....	172	201	230	14.43	4,936	5,511	6,190	39	Lawrence.....	115	127	143	12.60	6,497	7,303	8,463	53
Blaine.....	60	72	82	13.89	6,778	7,833	8,577	4	Lee.....	265	285	323	13.33	7,463	8,029	9,256	28
Boise.....	14	17	19	11.76	5,735	6,196	6,696	30	Livingston.....	295	338	388	14.79	7,226	8,298	9,607	22
Bonner.....	113	132	148	12.12	5,340	5,848	6,295	38	Logan.....	233	258	301	16.67	7,728	8,594	10,155	12
Bonneville.....	404	454	500	10.13	6,625	7,182	7,768	10	McDonough.....	195	223	245	9.87	5,036	5,983	6,824	95
Boundary.....	37	44	47	6.82	5,775	6,487	7,116	29	McHenry.....	1,057	1,210	1,378	13.88	7,865	8,695	9,515	23
Butte.....	17	21	25	19.05	5,370	6,240	7,082	25	McLean.....	946	1,047	1,178	10.68	6,993	8,066	8,961	43
Camas.....	5	6	7	16.67	6,288	7,833	8,127	8	Macon.....	972	1,079	1,172	8.62	7,650	8,461	9,230	31
Canyon.....	445	507	580	14.40	5,904	6,542	7,384	17	Macoupin.....	316	336	389	15.77	6,793	7,189	8,406	54
Caribou.....	48	61	66	8.20	5,714	7,208	7,624	12	Madison.....	1,822	2,006	2,233	11.32	7,411	8,137	9,105	37
Cassia.....	114	135	156	15.56	5,945	7,005	7,881	9	Marion.....	272	288	340	18.06	6,607	6,926	8,121	61
Clark.....	6	7	9	28.57	5,991	8,436	9,972	1	Marshall.....	91	102	118	15.69	6,688	7,522	8,615	51
Clearwater.....	57	65	72	10.77	5,887	6,713	7,593	15	Mason.....	134	150	165	10.00	7,004	7,706	8,508	52
Custer.....	15	19	22	15.79	4,805	5,650	6,768	28	Massac.....	80	88	103	17.05	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			Per cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Whiteside.....	463	533	592	11.07	7,303	8,418	9,319	27	Wabash.....	234	267	296	10.86	6,576	7,413	8,131	39
Will.....	2,245	2,552	2,831	10.93	7,366	8,214	8,955	45	Warren.....	52	58	67	15.52	6,301	6,996	7,962	51
Williamson.....	337	357	407	14.01	6,381	6,648	7,578	82	Warrick.....	250	281	325	15.66	6,912	7,421	8,346	33
Winnebago.....	1,851	2,092	2,325	11.14	7,661	8,613	9,624	21	Washington.....	100	115	125	8.70	4,885	5,535	5,971	89
Woodford.....	218	264	288	9.09	7,063	8,343	9,149	36	Wayne.....	483	536	594	10.82	6,276	7,019	7,870	54
Indiana.....	37,075	41,567	46,280	11.34	6,930	7,716	8,570	-----	Wells.....	185	204	226	10.78	7,470	8,191	9,162	12
SMSA counties.....	27,018	30,282	33,680	11.22	7,184	7,989	8,863	-----	White.....	166	187	214	14.44	7,434	8,255	9,474	7
Non-SMSA counties.....	10,057	11,285	12,600	11.65	6,327	7,069	7,874	-----	Whitley.....	174	194	217	11.86	7,000	7,677	8,633	26
Adams.....	197	223	246	10.31	7,077	7,964	8,710	23	Iowa.....	19,785	22,920	25,163	9.79	6,851	7,887	8,669	-----
Allen.....	2,159	2,430	2,717	11.81	7,476	8,306	9,196	10	SMSA counties.....	8,685	9,724	10,850	11.58	7,555	8,395	9,373	-----
Bartholomew.....	469	529	597	12.85	7,786	8,684	9,786	1	Non-SMSA counties.....	11,099	13,196	14,313	8.46	6,386	7,550	8,203	-----
Benton.....	82	91	100	9.89	7,606	8,502	9,559	4	Adair.....	47	74	72	-2.70	4,927	6,112	7,284	81
Blackford.....	95	105	117	11.43	6,078	6,800	7,593	62	Adams.....	27	42	44	4.76	4,472	6,838	7,226	86
Boone.....	244	276	316	14.49	7,294	8,074	8,958	17	Allamakee.....	91	91	101	10.99	5,753	5,692	6,533	96
Brown.....	56	64	72	12.50	5,520	6,136	6,953	76	Appanoose.....	79	85	99	16.47	5,072	5,505	6,366	98
Carroll.....	127	146	164	12.33	7,105	8,083	9,109	14	Audubon.....	44	71	67	-5.63	4,846	7,638	7,450	79
Cass.....	286	320	359	12.19	7,219	8,146	9,058	15	Benton.....	140	176	191	8.52	5,858	7,300	7,803	66
Clark.....	533	603	673	11.61	6,201	6,869	7,642	60	Black Hawk.....	1,027	1,130	1,285	13.72	7,515	8,124	9,198	9
Clay.....	153	172	197	14.53	6,206	6,893	7,970	49	Boone.....	145	237	234	-1.27	5,465	8,922	8,751	24
Clinton.....	220	245	272	11.02	7,182	8,108	9,243	9	Bremer.....	163	174	199	14.37	6,757	7,099	7,994	60
Crawford.....	40	45	50	11.11	4,564	5,009	5,643	92	Buchanan.....	143	156	178	14.10	6,234	6,737	7,631	73
Daviess.....	153	171	188	9.94	5,895	6,591	7,250	71	Buena Vista.....	167	154	182	18.18	8,138	7,499	9,013	14
Dearborn.....	186	210	236	12.38	5,737	6,346	6,992	74	Butler.....	109	123	137	11.38	6,230	7,022	7,746	69
Decatur.....	151	173	191	10.40	6,339	7,257	8,151	38	Calhoun.....	90	117	123	5.13	6,529	8,521	9,079	11
De Kalb.....	223	250	279	11.60	6,993	7,807	8,789	21	Carroll.....	126	188	188	-----	5,394	7,979	8,071	54
Delaware.....	799	877	968	10.38	6,203	6,840	7,646	59	Cass.....	110	135	145	7.41	6,477	7,883	8,438	37
Dubois.....	210	242	267	10.33	6,463	7,395	8,030	45	Cedar.....	124	137	155	13.14	6,894	7,521	8,598	32
Elkhart.....	995	1,125	1,211	7.64	7,422	8,256	8,804	20	Cerro Gordo.....	354	389	429	10.28	7,313	8,061	8,961	16
Fayette.....	179	194	218	12.37	6,526	7,134	8,112	40	Cherokee.....	120	124	136	9.68	7,329	7,524	8,353	44
Floyd.....	379	427	480	12.41	6,605	7,272	7,918	53	Chickasaw.....	106	105	119	13.33	6,851	6,701	7,519	78
Fountain.....	114	130	146	12.31	6,263	7,077	7,939	52	Clarke.....	43	59	61	3.39	5,337	7,201	7,362	80
Franklin.....	92	102	116	13.73	4,989	5,541	6,216	88	Clay.....	151	148	174	17.57	7,835	7,500	8,672	29
Fulton.....	111	129	146	13.18	6,357	7,212	8,236	36	Clayton.....	132	142	157	10.56	6,334	6,814	7,711	71
Gibson.....	214	243	274	12.76	6,723	7,564	8,456	29	Clinton.....	394	432	488	12.96	6,805	7,411	8,376	42
Grant.....	556	602	657	9.14	6,683	7,254	8,021	46	Crawford.....	117	147	153	4.08	6,212	7,772	8,020	57
Greene.....	154	172	192	11.63	5,454	6,074	6,711	78	Dallas.....	172	222	237	6.76	6,158	7,769	8,262	48
Hamilton.....	572	663	765	15.38	7,761	8,475	9,300	8	Davis.....	40	58	61	5.17	4,530	6,486	6,891	91
Hancock.....	305	343	392	14.29	7,326	8,084	9,011	16	Decatur.....	40	50	55	10.00	4,045	5,050	5,582	99
Harrison.....	142	158	177	12.03	5,651	6,211	6,802	77	Delaware.....	116	126	139	10.32	6,042	6,534	7,170	87
Hendricks.....	467	529	598	13.04	7,225	7,995	8,844	19	Des Moines.....	332	368	409	11.14	7,323	8,026	8,940	17
Henry.....	364	392	430	9.69	6,768	7,288	8,071	42	Dickinson.....	107	119	129	8.40	7,479	8,220	8,727	25
Howard.....	706	787	840	6.73	8,050	8,948	9,537	6	Dubnque.....	679	752	827	9.97	7,249	8,031	8,884	20
Huntington.....	251	276	310	12.32	7,115	7,804	8,635	25	Emmett.....	99	100	113	13.00	7,059	7,181	8,295	45
Jackson.....	218	255	290	13.73	6,344	7,341	8,204	37	Fayette.....	160	165	187	13.33	6,162	6,428	7,531	77
Jasper.....	145	167	192	14.97	5,929	6,759	7,483	67	Floyd.....	136	138	158	14.49	6,816	6,887	7,927	62
Jay.....	145	162	177	9.26	6,068	6,845	7,635	62	Franklin.....	75	97	104	7.22	5,712	7,341	7,720	70
Jefferson.....	156	182	204	12.09	5,653	6,507	7,193	72	Fremont.....	51	67	73	8.96	5,578	7,339	8,051	55
Jennings.....	104	119	134	12.61	4,941	5,684	6,428	82	Greene.....	57	137	123	-10.22	4,716	11,483	10,150	2
Johnson.....	472	547	616	12.61	6,452	7,243	7,995	47	Grundy.....	91	115	123	6.96	6,501	8,010	8,392	39
Knox.....	247	278	319	14.75	6,243	7,046	7,984	48	Guthrie.....	60	88	88	-----	4,858	7,177	7,229	85
Kosciusko.....	373	419	458	9.31	6,589	7,571	8,241	35	Hamilton.....	104	152	159	4.61	5,902	8,606	9,050	12
Lagrange.....	122	140	154	10.00	5,179	5,807	6,314	86	Hancock.....	100	104	120	15.38	7,221	7,557	8,896	19
Lake.....	3,964	4,442	4,932	11.03	7,308	8,207	9,138	13	Hardin.....	136	174	187	7.47	6,204	8,060	8,457	36
La Porte.....	737	831	924	11.19	6,906	7,773	8,642	24	Harrison.....	96	120	128	6.67	5,771	7,307	7,844	65
Lawrence.....	242	277	317	14.44	5,977	6,788	7,673	58	Henry.....	119	139	152	9.35	6,669	7,619	8,375	43
Madison.....	963	1,056	1,147	8.62	6,976	7,643	8,344	34	Howard.....	77	70	83	18.57	6,807	6,244	7,574	76
Marion.....	6,059	6,717	7,432	10.64	7,842	8,705	9,724	2	Humboldt.....	89	100	111	11.00	6,954	7,891	8,777	22
Marshall.....	252	286	321	12.24	6,615	7,393	8,372	31	Ida.....	67	71	75	5.63	7,587	7,939	8,411	38
Martin.....	57	64	70	9.38	5,149	5,797	6,357	84	Iowa.....	95	120	129	7.50	6,181	7,880	8,551	33
Miami.....	240	266	291	9.40	6,113	6,762	7,481	68									

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Scott.....	1,183	1,325	1,493	12.68	7,674	8,472	9,520	5	Ottawa.....	37	48	54	12.50	5,825	7,516	8,581	46
Shelby.....	86	123	124	.81	5,581	8,075	8,099	53	Pawnee.....	55	65	77	18.46	6,564	7,747	9,339	21
Sioux.....	167	199	209	5.03	5,616	6,565	6,775	93	Phillips.....	49	56	64	14.29	6,157	7,289	8,414	51
Story.....	418	553	577	4.34	6,093	7,929	8,280	47	Pottawatomie.....	83	104	118	13.46	6,219	7,403	8,017	65
Tama.....	119	152	158	3.95	6,002	7,582	7,969	61	Pratt.....	77	96	108	12.50	7,764	9,451	10,466	12
Taylor.....	40	48	54	12.50	4,961	5,840	6,703	95	Rawlins.....	19	26	30	15.38	4,423	6,113	6,969	98
Union.....	74	99	105	6.06	5,512	7,371	7,711	72	Reno.....	443	493	571	15.82	6,966	7,694	8,941	31
Van Buren.....	39	58	59	1.72	4,412	6,632	6,794	92	Republic.....	47	55	66	20.00	5,932	7,110	8,984	27
Wapello.....	257	291	337	15.81	6,385	7,179	8,258	49	Rice.....	78	90	104	15.56	6,349	7,331	8,359	53
Warren.....	204	264	281	6.44	6,158	7,705	8,026	56	Riley.....	382	415	461	11.08	5,952	6,681	7,323	58
Washington.....	137	157	175	11.46	7,213	8,197	9,041	13	Rooks.....	41	50	53	6.00	5,650	6,875	7,229	90
Wayne.....	39	57	59	3.51	4,655	6,837	7,086	88	Rush.....	30	37	43	16.22	6,062	7,708	8,781	38
Webster.....	317	378	416	10.05	6,710	8,011	8,917	18	Russell.....	68	79	88	11.39	7,555	8,635	9,440	18
Winneshago.....	110	108	119	10.19	8,043	7,757	8,690	28	Saline.....	343	387	438	13.18	6,969	7,893	8,987	25
Winneshiek.....	124	128	144	12.50	5,684	5,797	6,429	97	Scott.....	48	62	70	12.90	7,844	10,259	11,823	6
Woodbury.....	762	833	897	7.68	7,348	8,080	8,864	21	Sedgwick.....	2,633	3,011	3,535	17.40	7,500	8,498	9,896	16
Worth.....	62	65	72	10.77	6,996	7,159	7,785	67	Seward.....	145	160	180	12.50	8,596	9,421	10,520	11
Wright.....	129	135	156	15.56	7,798	8,062	9,501	6	Shawnee.....	1,187	1,329	1,482	11.51	7,668	8,472	9,847	20
Kansas	16,524	18,755	21,555	14.93	7,123	7,989	9,099	-----	Sheridan.....	29	37	39	5.41	7,245	9,381	9,721	17
SMSA counties.....	8,461	9,532	10,891	14.26	7,931	8,773	9,872	-----	Sherman.....	49	58	66	13.79	5,914	7,189	8,719	43
Non-SMSA counties.....	8,063	9,223	10,664	15.62	6,434	7,314	8,425	-----	Smith.....	38	40	45	12.50	5,938	6,198	7,020	94
Allen.....	97	106	130	22.64	6,223	6,745	8,098	60	Stafford.....	39	40	50	25.00	6,279	6,465	7,894	72
Anderson.....	55	51	69	35.29	6,401	5,990	7,875	73	Stanton.....	15	15	24	60.00	5,519	5,602	8,796	37
Atchison.....	115	130	156	20.00	6,404	7,318	8,645	45	Stevens.....	45	42	58	38.10	9,410	8,804	12,297	4
Barber.....	40	50	55	10.00	6,055	7,832	8,814	36	Sumner.....	153	178	203	14.04	6,450	7,262	8,232	55
Barton.....	229	257	291	13.23	7,327	8,161	9,273	22	Thomas.....	55	66	79	19.70	6,527	7,784	9,410	19
Bourbon.....	107	121	141	16.53	6,876	7,636	8,858	34	Trego.....	27	28	31	10.71	6,047	6,250	6,943	100
Brown.....	75	87	106	21.84	6,458	7,483	8,929	32	Wabauunsee.....	38	44	55	25.00	5,512	6,356	7,558	80
Butler.....	280	318	371	16.67	6,694	7,281	8,064	62	Wallace.....	9	15	17	13.33	4,211	7,102	8,046	63
Chase.....	18	19	26	36.84	4,996	5,416	7,462	84	Washington.....	52	50	63	26.00	5,780	5,603	6,961	99
Chautauqua.....	25	29	35	20.69	5,336	6,280	7,796	74	Wichita.....	30	55	60	9.09	8,849	16,722	18,599	1
Cherokee.....	116	126	151	19.84	5,361	5,815	6,989	96	Wilson.....	72	70	81	15.71	6,153	5,842	6,751	104
Cheyenne.....	20	27	32	18.52	4,814	6,853	8,261	54	Woodson.....	25	27	34	25.93	5,698	6,133	7,647	78
Clark.....	19	24	25	4.17	6,704	8,751	8,720	42	Wyandotte.....	1,285	1,387	1,523	9.81	7,350	7,953	8,781	39
Clay.....	59	71	82	15.49	5,892	7,066	8,027	64	Kentucky	20,619	23,187	26,016	12.20	5,946	6,645	7,377	-----
Cloud.....	83	97	112	15.46	6,392	7,511	8,452	50	SMSA counties.....	10,909	12,252	13,644	11.36	6,969	7,794	8,597	-----
Coffey.....	50	50	69	38.00	6,263	5,618	7,096	92	Non-SMSA counties.....	9,710	10,935	12,372	13.14	5,105	5,702	6,379	-----
Comanche.....	14	16	19	18.75	5,047	5,842	7,006	95	Adair.....	55	64	70	9.38	3,872	4,497	4,875	99
Cowley.....	222	249	291	16.87	6,392	7,058	8,128	58	Allen.....	65	74	82	10.81	4,871	5,593	5,990	70
Crawford.....	229	255	292	14.51	6,068	6,756	7,687	75	Anderson.....	69	77	86	11.69	6,106	6,653	7,284	23
Decatur.....	30	36	36	-----	6,139	7,390	6,981	97	Ballard.....	48	53	60	13.21	5,434	5,828	6,488	52
Dickinson.....	119	142	160	12.68	5,717	6,893	7,965	67	Barren.....	168	196	216	10.20	5,427	6,294	6,866	39
Doniphan.....	51	65	80	23.08	5,610	7,219	8,973	28	Bath.....	43	47	51	8.51	4,654	5,032	5,358	85
Douglas.....	382	428	486	13.55	6,010	6,528	7,190	91	Bell.....	161	182	205	12.64	4,790	5,415	6,193	60
Edwards.....	30	32	40	25.00	6,580	7,076	8,960	29	Boone.....	266	308	351	13.96	6,618	7,368	8,126	14
Elk.....	20	26	23	-11.54	5,208	6,476	6,244	105	Bourbon.....	105	124	132	6.45	5,589	6,564	7,053	33
Ellis.....	152	171	190	11.11	5,739	6,338	6,795	103	Boyd.....	385	448	507	13.77	7,214	8,204	9,251	3
Ellsworth.....	43	49	55	12.24	6,993	7,948	9,068	23	Boyle.....	136	156	172	10.26	5,837	6,643	7,259	24
Finney.....	183	233	269	15.45	7,886	9,823	11,274	10	Bracken.....	36	39	41	5.13	4,599	5,094	5,296	86
Ford.....	184	214	248	15.89	7,752	8,914	10,325	13	Breathitt.....	57	65	72	10.77	3,325	3,792	4,107	115
Franklin.....	142	157	184	17.20	6,850	7,445	8,568	47	Breckinridge.....	73	85	94	10.59	4,527	5,302	5,855	73
Geary.....	184	202	223	10.40	6,385	6,585	7,413	86	Bullitt.....	192	222	249	12.16	5,185	5,698	6,147	61
Gove.....	22	29	32	10.34	5,345	7,388	7,965	68	Butler.....	46	52	59	13.46	4,230	4,820	5,439	82
Graham.....	22	28	30	7.14	5,090	6,314	6,935	101	Caldwell.....	78	84	97	15.48	5,893	6,384	7,231	25
Grant.....	53	60	73	21.67	7,428	8,186	10,014	15	Calloway.....	152	161	189	17.39	5,287	5,422	6,114	62
Gray.....	34	47	61	29.79	6,378	9,011	11,689	8	Campbell.....	558	625	703	12.48	6,630	7,478	8,435	8
Greely.....	15	29	27	-6.90	7,837	15,375	15,060	3	Carlisle.....	29	31	37	19.35	4,945	5,134	6,020	67
Greenwood.....	52	58	69	18.97	5,568	6,254	7,454	85	Carroll.....	50	58	65	12.07	5,825	6,643	7,212	26
Hamilton.....	16	22	22	-----	5,380	7,582	7,677	77	Carter.....	88	101	113	11.88	3,808	4,311	4,821	101
Harper.....	49	61	70	14.75	6												

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Jefferson.....	5,162	5,731	6,299	9.91	7,548	8,433	9,266	2	Jefferson.....	2,995	3,382	3,832	13.31	7,082	7,901	8,867	3
Jessamine.....	115	135	150	11.11	5,001	5,585	6,020	68	Jefferson Davis.....	144	163	195	19.63	4,634	5,165	6,178	34
Johnson.....	115	129	154	19.38	5,147	5,651	6,679	45	Lafayette.....	933	1,143	1,361	19.07	7,045	8,452	9,898	1
Kenton.....	875	995	1,121	12.66	6,663	7,573	8,435	7	Lafourche.....	441	518	589	13.71	5,790	6,703	7,451	14
Knott.....	64	74	87	17.57	3,599	4,089	4,830	100	La Salle.....	69	77	85	10.39	4,580	5,086	5,481	48
Knox.....	107	123	139	13.01	3,762	4,291	4,787	102	Lincoln.....	181	209	235	12.44	4,878	5,610	6,300	33
Larue.....	57	63	69	9.52	5,013	5,527	6,113	63	Livingston.....	255	302	353	16.89	5,300	5,970	6,586	25
Laurel.....	160	182	205	12.64	4,696	5,179	5,712	77	Madison.....	54	48	60	25.00	3,705	3,309	4,205	64
Lawrence.....	56	64	75	17.19	4,437	4,974	5,707	78	Morehouse.....	156	175	201	14.86	4,702	5,259	6,001	37
Lee.....	24	27	30	11.11	3,362	3,701	4,173	113	Natchitoches.....	148	175	204	16.57	4,077	4,788	5,625	47
Leslie.....	53	63	68	7.94	3,919	4,595	4,969	96	Orleans.....	3,886	4,308	4,810	11.65	6,938	7,733	8,707	4
Letcher.....	139	152	165	8.55	4,970	5,469	5,945	72	Ouachita.....	712	823	918	11.54	5,458	6,281	6,945	22
Lewis.....	48	54	63	16.67	3,557	4,025	4,696	103	Plaquemines.....	162	186	215	15.59	6,096	6,943	7,897	13
Lincoln.....	74	88	97	10.23	4,017	4,838	5,260	90	Pointe Coupee.....	103	126	151	19.84	4,592	5,553	6,619	24
Livingston.....	51	54	66	22.22	5,576	5,797	6,923	38	Rapides.....	658	730	808	10.68	5,271	5,827	6,401	29
Logan.....	127	148	167	12.84	5,725	6,559	7,155	29	Red River.....	44	50	60	20.00	4,755	5,379	6,385	30
Lyon.....	30	35	39	11.43	4,850	5,576	6,075	66	Richland.....	107	106	126	18.87	4,906	4,865	5,796	42
McCracken.....	406	458	512	11.79	6,633	7,375	8,169	12	Sabine.....	81	91	101	10.99	3,979	4,490	4,942	54
McCreary.....	43	50	57	14.00	2,819	3,290	3,592	119	St. Bernard.....	408	458	514	12.23	6,656	7,309	8,135	8
McClean.....	57	61	71	16.39	5,469	5,794	6,765	42	St. Charles.....	210	246	283	15.04	6,136	7,038	8,030	10
Madison.....	245	282	312	10.64	5,041	5,795	6,293	58	St. Helena.....	35	41	48	17.07	3,522	4,110	4,746	59
Magoffin.....	44	52	58	11.54	3,534	4,189	4,680	104	St. James.....	122	141	162	14.89	6,184	7,058	8,030	11
Marion.....	66	78	89	14.10	3,954	4,568	5,165	92	St. John the Bap- tist.....	150	177	217	22.60	5,561	6,151	7,257	15
Marshall.....	136	155	173	11.61	5,730	6,399	7,128	30	St. Landry.....	331	386	447	15.80	3,989	4,607	5,319	49
Martin.....	68	81	100	23.46	5,655	6,603	8,085	15	St. Martin.....	153	184	214	16.30	4,306	5,111	5,836	40
Mason.....	100	114	125	9.65	5,883	6,647	7,162	27	St. Mary.....	387	462	532	15.15	6,250	7,493	8,547	6
Meade.....	83	95	107	12.63	4,170	4,677	5,086	95	St. Tammany.....	511	617	713	15.56	5,878	6,555	7,191	17
Menifee.....	15	17	19	11.76	3,353	3,641	4,303	110	Tangipahoa.....	343	389	442	13.62	4,580	5,082	5,699	43
Mercer.....	103	112	125	11.61	5,670	6,145	6,850	40	Tensas.....	39	39	49	25.64	4,618	4,572	5,909	38
Metcalfe.....	32	37	40	8.11	3,780	4,319	4,609	106	Terrebonne.....	560	671	786	17.14	6,387	7,476	8,570	5
Monroe.....	46	53	59	11.32	3,854	4,454	4,863	99	Union.....	90	104	116	11.54	4,509	5,158	5,697	44
Montgomery.....	97	107	120	12.15	5,391	5,978	6,593	48	Vermilion.....	243	286	340	18.88	5,254	6,078	7,059	21
Morgan.....	41	49	50	2.04	3,701	4,399	4,458	107	Vernon.....	225	265	278	4.91	5,337	5,662	5,807	41
Muhlenberg.....	204	209	250	19.62	6,521	6,604	7,939	16	Washington.....	206	234	258	10.26	4,825	5,416	5,879	39
Nelson.....	134	156	173	10.90	5,278	6,000	6,553	50	Webster.....	221	253	271	7.11	5,310	6,024	6,458	27
Nicholas.....	33	37	39	5.41	4,746	5,274	5,739	75	West Baton Rouge.....	94	109	127	16.51	5,237	6,035	6,885	23
Ohio.....	125	133	156	17.29	5,807	6,117	6,962	37	West Carroll.....	51	48	56	16.67	3,820	3,709	4,365	62
Oldham.....	125	148	176	18.92	5,932	6,453	7,004	35	West Feliciana.....	43	55	55	14.58	4,306	4,720	5,255	51
Owen.....	38	43	46	6.98	4,489	5,172	5,469	81	Winn.....	75	82	91	10.98	4,445	4,813	5,274	50
Owsley.....	16	19	19	-----	2,894	3,347	3,411	120	Maine.....	6,255	6,915	7,737	11.89	5,768	6,335	7,052	-----
Pendleton.....	52	59	65	10.17	4,878	5,543	6,200	59	SMSA counties.....	2,120	2,364	2,637	11.55	5,460	7,168	7,979	-----
Perry.....	162	187	209	11.76	5,441	6,243	7,039	34	Non-SMSA counties.....	4,134	4,551	5,100	12.06	5,467	6,975	6,653	-----
Pike.....	404	450	545	21.11	5,493	6,094	7,337	19	Androscoggin.....	628	694	769	10.51	5,899	6,526	7,197	4
Powell.....	39	44	51	15.91	4,272	4,669	5,261	88	Aroostook.....	464	479	539	12.53	4,727	4,922	5,580	16
Pulaski.....	207	245	270	10.20	4,872	5,615	5,956	71	Cumberland.....	1,403	1,563	1,750	11.96	6,823	7,576	8,483	1
Robertson.....	10	10	10	-----	4,297	4,676	4,670	105	Franklin.....	132	145	162	11.72	5,165	5,601	6,316	11
Rockcastle.....	44	52	57	9.62	3,319	3,900	4,290	111	Hancock.....	229	252	283	12.30	5,730	6,236	6,933	8
Rowan.....	75	83	95	14.46	4,243	4,761	5,407	83	Kennebec.....	648	721	797	10.54	6,271	6,923	7,704	2
Russell.....	51	58	62	6.90	4,261	4,756	5,118	94	Knox.....	187	210	235	11.90	5,752	6,405	7,137	6
Scott.....	111	131	141	7.63	5,655	6,468	6,821	41	Lincoln.....	147	164	184	12.20	6,006	6,534	7,179	5
Shelby.....	124	142	156	9.86	6,132	6,777	7,288	21	Oxford.....	238	265	301	13.58	5,172	5,684	6,319	10
Simpson.....	83	98	112	14.29	5,902	6,811	7,617	17	Penobscot.....	750	821	923	12.42	5,512	5,998	6,734	9
Spencer.....	31	37	42	12.12	5,345	5,662	6,428	56	Piscataquis.....	82	92	104	13.04	4,876	5,372	5,908	12
Taylor.....	96	113	126	11.50	5,154	5,973	6,526	51	Sagadahoc.....	152	173	193	11.56	5,685	6,352	6,952	7
Todd.....	57	63	72	14.29	4,925	5,404	6,019	61	Somerset.....	211	232	259	11.64	4,710	5,141	5,653	13
Trigg.....	52	56	63	12.50	5,442	5,725	6,358	57	Waldo.....	131	146	160	9.59	4,774	5,287	5,631	14
Trimble.....	26	29	31	6.90	4,494	5,125	5,672	79	Washington.....	160	175	195	11.43	4,630	5,101	5,595	15
Union.....	95	111	135	21.62	5,348	6,191	7,285	22	York.....	754	849	958	12.84	5,971	6,615	7,362	3
Warren.....	374	432	493	14.12	5,854	6,630	7,421	18	Maryland.....	31,474	35,321	38,					

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Dukes.....	60	65	73	12.31	7,494	7,874	8,559	5	Tuscola.....	353	394	445	12.94	6,464	7,115	7,985	26
Essex.....	4,712	5,212	5,841	12.07	7,536	8,282	9,256	3	Van Buren.....	367	423	469	10.87	5,897	6,764	7,499	36
Franklin.....	390	429	479	11.66	6,313	6,902	7,637	12	Washtenaw.....	2,056	2,334	2,609	11.78	8,187	9,266	10,275	2
Hampden.....	3,040	3,340	3,699	10.75	6,643	7,388	8,278	7	Wayne.....	19,879	22,038	23,911	8.50	8,197	9,221	10,138	4
Hampshire.....	775	859	960	11.76	5,885	6,451	7,198	14	Wexford.....	132	146	164	12.33	5,874	6,459	7,297	40
Middlesex.....	11,060	12,220	13,770	12.68	7,981	8,801	9,942	2	Minnesota.....	28,058	31,470	35,507	12.83	7,049	7,821	8,746	-----
Nantucket.....	40	43	48	11.63	7,182	7,590	8,414	6	SMSA counties.....	19,514	22,077	25,147	13.91	7,632	8,527	9,610	-----
Norfolk.....	5,178	5,723	6,440	12.53	8,368	9,187	10,304	1	Non-SMSA counties.....	8,544	9,393	10,360	10.29	6,002	6,547	7,180	-----
Plymouth.....	2,623	2,934	3,264	11.25	6,753	7,383	8,136	11	Aitkin.....	57	64	71	10.94	4,328	4,727	5,241	82
Suffolk.....	4,543	4,917	5,437	10.58	6,478	7,359	8,196	9	Anoka.....	1,353	1,563	1,832	17.21	7,005	7,788	8,807	7
Worcester.....	4,280	4,739	5,290	11.63	6,659	7,311	8,185	10	Becker.....	136	157	168	7.01	4,938	5,534	6,806	76
Michigan.....	69,550	78,106	86,369	10.58	7,603	8,507	9,381	-----	Beltrami.....	125	141	156	10.64	4,163	4,575	5,094	84
SMSA counties.....	59,492	66,802	73,728	10.37	8,000	8,951	9,856	-----	Benton.....	132	147	172	17.01	5,798	6,356	7,433	44
Non-SMSA counties.....	10,058	11,304	12,641	11.83	5,876	6,579	7,322	-----	Big Stone.....	55	46	50	8.70	7,143	6,015	6,809	63
Alcona.....	43	47	54	14.89	4,781	5,118	5,869	72	Blue Earth.....	334	370	412	11.35	6,507	7,259	8,064	20
Alger.....	44	48	54	12.50	4,479	4,883	5,439	79	Brown.....	197	207	232	12.08	6,595	6,875	7,728	32
Allegan.....	426	496	565	13.91	5,796	6,687	7,448	37	Carlton.....	157	180	216	20.00	5,345	5,964	7,109	54
Alpena.....	191	216	240	11.11	5,733	6,498	7,201	42	Carver.....	219	245	276	12.65	6,301	6,879	7,684	34
Antrim.....	87	100	114	14.00	5,441	6,158	6,825	51	Cass.....	94	105	121	15.24	4,550	5,008	5,551	80
Arenac.....	75	81	90	11.11	5,500	5,921	6,472	58	Chippewa.....	94	99	105	6.06	6,056	6,359	6,760	58
Baraga.....	43	49	55	12.24	5,193	5,762	6,305	60	Chisago.....	129	142	167	17.61	5,686	5,936	6,726	60
Barry.....	240	273	308	12.82	5,659	6,382	7,132	44	Clay.....	284	352	373	5.97	5,997	7,289	7,727	33
Bay.....	836	917	1,009	10.03	6,927	7,574	8,404	20	Clearwater.....	30	36	39	8.33	3,397	4,006	4,334	87
Benzie.....	59	67	76	13.43	5,566	6,351	6,921	49	Cook.....	22	26	32	23.08	5,279	6,326	7,734	31
Berrien.....	1,149	1,275	1,379	8.16	6,751	7,596	8,271	24	Cottonwood.....	111	108	121	12.04	7,265	7,041	7,791	28
Branch.....	256	287	325	13.24	6,712	7,428	8,367	21	Crow Wing.....	211	236	267	13.14	5,320	5,835	6,500	66
Calhoun.....	1,052	1,159	1,278	10.27	7,499	8,254	9,174	10	Dakota.....	1,406	1,612	1,886	17.00	7,055	8,493	9,563	3
Cass.....	297	340	372	9.41	6,508	7,479	8,137	25	Dodge.....	91	98	105	7.14	6,661	6,948	7,247	53
Charlevoix.....	111	127	143	12.60	5,674	6,504	7,292	41	Douglas.....	137	153	177	15.69	5,317	5,854	6,646	61
Cheboygan.....	104	117	134	14.53	5,190	5,785	6,582	54	Faribault.....	129	126	144	14.29	6,493	6,382	7,422	47
Chippewa.....	162	156	170	8.97	4,483	5,110	5,787	74	Fillmore.....	125	146	165	13.01	5,732	6,718	7,483	41
Clare.....	111	125	142	13.60	4,854	5,303	5,943	70	Freeborn.....	254	270	302	11.85	6,874	7,314	8,296	15
Clinton.....	351	410	464	13.17	6,505	7,523	8,365	22	Goodhue.....	234	266	298	12.03	6,119	6,921	7,648	35
Crawford.....	46	50	53	6.00	4,991	5,478	5,684	77	Grant.....	47	41	46	12.20	6,216	5,419	5,961	73
Delta.....	216	235	263	11.91	5,407	5,893	6,654	52	Hennepin.....	8,076	9,028	10,309	14.19	8,851	9,858	11,253	1
Dickinson.....	170	191	217	13.61	6,703	7,433	8,484	18	Houston.....	100	111	128	15.32	5,525	6,073	6,840	56
Eaton.....	572	638	734	15.05	7,215	7,843	8,748	13	Hubbard.....	57	61	68	11.48	4,429	4,662	4,987	86
Emmet.....	136	152	172	13.16	6,329	6,966	7,791	31	Isanti.....	113	125	141	12.80	5,538	5,877	6,455	69
Genesee.....	3,701	4,069	4,418	8.58	8,250	9,015	9,790	5	Itasca.....	219	252	282	11.90	5,299	5,963	6,589	64
Gladwin.....	86	100	115	15.00	4,865	5,461	5,989	68	Jackson.....	95	110	114	3.64	6,557	7,092	7,905	26
Gogebie.....	108	118	130	10.17	5,352	5,949	6,642	53	Kanabec.....	57	65	75	15.38	5,017	5,624	6,179	72
Grand Traverse.....	334	394	445	12.94	7,044	8,048	8,843	12	Kandiyohi.....	209	230	260	13.04	6,241	6,753	7,405	49
Gratiot.....	248	282	312	10.64	6,266	7,152	7,872	29	Kittson.....	39	70	55	-21.43	5,063	10,354	8,043	21
Hillsdale.....	247	272	307	12.87	6,088	6,654	7,664	34	Koochiching.....	96	107	99	-7.48	5,426	6,065	5,581	79
Houghton.....	182	201	224	14.44	4,881	5,516	6,201	66	Lac Qui Parle.....	92	81	87	7.41	8,309	7,246	7,588	38
Huron.....	214	248	283	14.11	5,972	6,902	7,901	28	Lake.....	71	86	102	18.60	5,128	6,338	7,485	40
Ingham.....	2,079	2,325	2,608	12.17	7,722	8,593	9,632	6	Lake of the Woods.....	19	22	24	9.09	4,566	5,188	5,791	77
Ionia.....	267	309	346	11.97	5,440	6,253	6,965	48	Le Sueur.....	149	165	185	12.12	6,768	7,443	8,265	17
Iosco.....	156	169	187	10.65	5,199	5,615	6,205	65	Lincoln.....	51	52	56	7.69	6,109	6,281	6,859	55
Iron.....	78	85	95	11.76	5,331	5,775	6,413	59	Lyon.....	180	180	193	7.22	7,300	7,231	7,774	29
Isabella.....	251	292	324	10.96	4,917	5,662	6,254	63	McLeod.....	206	225	256	13.78	7,056	7,609	8,598	8
Jackson.....	1,021	1,147	1,273	10.99	6,865	7,672	8,519	17	Mahnommen.....	29	41	40	-2.44	5,101	7,004	6,755	59
Kalamazoo.....	1,542	1,721	1,947	13.13	7,522	8,346	9,389	8	Marshall.....	70	119	106	-10.92	5,190	8,737	8,041	22
Kalkaska.....	51	58	64	10.34	4,669	4,766	5,240	81	Martin.....	169	205	218	6.34	6,757	8,177	8,582	10
Kent.....	3,030	3,470	3,979	14.67	7,024	7,967	9,011	11	Meeker.....	124	136	151	11.03	6,095	6,682	7,409	48
Keweenaw.....	11	12	14	16.67	4,625	5,217	5,898	71	Mille Lacs.....	95	110	126	14.55	5,166	5,887	6,571	65
Lake.....	31	35	41	17.14	4,322	4,925	5,697	76	Morrison.....	127	138	158	14.49	4,539	4,840	5,526	81
Lapeer.....	427	487	544	11.70	6,622	7,302	7,872	30	Mower.....	295	297	329	10.77	6,889	7,098	8,003	23
Leelanau.....	79	94	101	7.45	6,078	7,155	7,121	45	Murray.....	99	92	103	11.96	8,138	7,554	8,401	11
Lenawee.....	600																

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			Per cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Wilkin.....	48	53	54	1.89	5,437	6,067	6,316	70	Non-SMSA counties.....	9,159	10,279	11,921	15.97	5,199	5,810	6,729	-----
Winona.....	270	297	339	14.14	5,939	6,480	7,424	46	Adair.....	125	143	166	16.08	5,330	6,056	6,962	57
Wright.....	285	316	369	16.77	5,682	5,996	6,788	57	Andrew.....	78	84	100	19.05	5,762	6,063	7,225	50
Yellow Medicine.....	104	98	101	3.06	7,361	7,011	7,425	45	Atchison.....	49	81	90	11.11	5,411	9,384	10,664	2
Mississippi.....	12,001	13,456	15,060	11.92	5,031	5,586	6,200	-----	Audrain.....	184	189	226	19.58	7,082	7,348	8,923	10
SMSA counties.....	3,869	4,350	4,792	10.16	6,104	6,735	7,298	-----	Barry.....	110	127	147	15.75	4,895	5,502	6,213	73
Non-SMSA counties.....	8,132	9,107	10,269	12.76	4,642	5,164	5,794	-----	Barton.....	49	63	79	25.40	4,515	5,655	6,946	58
Adams.....	214	240	270	12.50	5,666	6,328	7,108	7	Bates.....	85	90	119	32.22	5,257	5,716	7,724	30
Alcorn.....	155	177	200	12.99	5,280	5,838	6,455	12	Benton.....	53	58	67	15.52	4,408	4,809	5,369	95
Amite.....	48	57	65	14.04	3,605	4,311	4,955	63	Bollinger.....	32	37	41	10.81	3,146	3,613	3,995	114
Attala.....	83	89	97	8.99	4,320	4,652	5,200	55	Boone.....	571	640	727	13.59	6,431	7,061	8,019	23
Benton.....	28	33	38	15.15	3,593	4,115	4,540	73	Buchanan.....	548	598	672	12.37	6,318	6,961	7,905	27
Bolivar.....	191	205	232	13.17	4,019	4,330	4,929	65	Butler.....	176	186	214	15.05	4,677	4,986	5,783	87
Calhoun.....	65	69	80	15.94	4,295	4,537	5,307	47	Caldwell.....	49	50	59	18.00	5,433	5,600	6,643	63
Carroll.....	29	32	38	18.75	3,194	3,563	4,134	82	Callaway.....	175	209	248	18.66	6,198	7,130	8,305	18
Chickasaw.....	84	91	105	15.38	4,786	5,185	5,987	23	Camden.....	83	99	112	13.13	4,654	5,341	5,938	81
Choctaw.....	35	38	43	13.16	3,868	4,172	4,675	71	Cape Girardeau.....	337	386	441	14.25	6,281	7,016	7,953	24
Claiborne.....	50	59	72	22.03	4,448	5,256	6,684	9	Carroll.....	90	88	108	22.73	7,587	7,444	9,285	5
Clarke.....	72	82	92	12.20	4,489	5,036	5,562	37	Carter.....	17	19	20	5.26	3,422	3,898	4,284	110
Clay.....	101	113	129	14.16	4,985	5,514	6,213	17	Cass.....	295	312	357	14.42	6,158	6,445	7,531	42
Coahoma.....	157	172	191	11.05	4,129	4,501	5,034	61	Cedar.....	44	50	61	22.00	3,946	4,569	5,281	99
Copiah.....	107	123	138	12.20	4,108	4,699	5,273	51	Chariton.....	73	82	106	29.27	7,133	7,907	10,262	3
Covington.....	67	76	83	9.21	4,469	5,079	5,553	38	Christian.....	96	110	131	19.09	4,698	5,219	6,029	76
De Soto.....	265	301	336	11.63	5,118	5,679	6,203	18	Clark.....	39	53	61	15.09	4,745	4,476	7,496	43
Forrest.....	354	396	436	10.10	5,627	6,233	6,817	8	Clay.....	990	1,107	1,243	12.29	7,335	8,082	9,031	9
Franklin.....	29	34	39	14.71	3,537	4,095	4,724	70	Clinton.....	81	95	114	20.00	5,597	6,466	7,618	37
George.....	63	70	77	10.00	4,290	4,779	5,229	52	Cole.....	390	444	498	12.16	7,408	8,165	9,076	7
Greene.....	31	36	39	8.33	3,458	3,874	4,283	80	Cooper.....	91	101	122	20.79	6,034	6,769	8,071	20
Grenada.....	103	113	125	10.62	5,058	5,401	5,834	31	Crawford.....	78	87	100	14.94	4,579	5,093	5,796	86
Hancock.....	89	102	113	10.78	4,611	5,127	5,336	46	Dade.....	29	38	44	15.79	3,938	4,945	5,977	79
Harrison.....	801	888	970	9.23	5,454	6,016	6,532	10	Dallas.....	42	47	54	14.89	3,553	3,924	4,462	107
Hinds.....	1,686	1,924	2,160	12.27	7,223	8,101	8,929	1	Davies.....	48	51	62	21.57	5,776	6,002	7,269	48
Holmes.....	77	84	99	17.86	3,407	3,755	4,387	79	De Kalb.....	41	47	57	21.28	5,203	5,998	7,165	54
Humphreys.....	57	60	69	15.00	4,060	4,280	5,060	60	Dent.....	57	65	72	10.77	4,331	4,998	5,458	90
Issaquena.....	10	12	19	58.33	4,126	4,920	7,539	4	Douglas.....	33	38	47	23.68	3,004	3,464	4,209	111
Itawamba.....	83	94	107	13.83	4,701	5,203	5,695	35	Dunklin.....	158	169	190	12.43	4,383	4,697	5,372	94
Jackson.....	675	720	741	2.92	5,918	6,181	6,343	15	Franklin.....	398	455	511	12.31	6,054	6,790	7,426	44
Jasper.....	72	81	91	12.35	4,250	4,798	5,499	41	Gasconade.....	65	73	84	15.07	4,970	5,585	6,396	70
Jefferson.....	36	43	49	13.95	3,883	4,542	5,304	48	Gentry.....	45	51	61	19.61	5,592	6,615	7,797	29
Jefferson Davis.....	48	55	62	12.73	3,626	4,136	4,515	75	Greene.....	1,101	1,244	1,424	14.47	6,382	7,043	8,024	22
Jones.....	314	357	391	9.52	5,277	5,944	6,482	11	Grundy.....	69	78	94	20.51	6,170	6,992	8,351	16
Kemper.....	34	38	43	13.16	3,253	3,740	4,258	81	Harrison.....	48	58	71	22.41	4,783	5,974	7,271	47
Lafayette.....	129	141	156	10.64	4,699	5,007	5,437	43	Henry.....	115	128	154	20.31	6,076	6,812	8,121	19
Lamar.....	88	101	110	8.91	4,543	5,150	5,221	53	Hickory.....	23	26	26	-----	3,792	4,090	4,145	112
Lauderdale.....	423	474	532	12.24	5,951	6,720	7,596	2	Holt.....	38	52	64	23.08	5,421	7,625	9,066	8
Lawrence.....	46	52	58	11.54	3,880	4,331	4,748	69	Howard.....	57	61	74	21.31	5,601	6,125	7,278	46
Leake.....	75	86	95	10.47	4,168	4,794	5,105	58	Howell.....	115	131	143	9.16	4,118	4,723	5,179	101
Lee.....	326	357	403	12.89	6,190	6,698	7,587	3	Iron.....	56	62	69	11.29	5,282	5,845	6,655	62
Leflore.....	194	209	233	11.48	4,697	5,114	5,798	33	Jackson.....	4,659	5,139	5,749	11.87	7,447	8,207	9,194	6
Lincoln.....	128	150	170	13.33	4,761	5,535	6,173	19	Jasper.....	489	545	606	11.19	5,872	6,489	7,173	52
Lowndes.....	291	321	357	11.21	5,357	5,831	6,385	13	Jefferson.....	738	845	954	12.90	5,866	6,497	7,163	55
Madison.....	152	177	204	15.25	4,410	5,019	5,643	36	Johnson.....	183	203	236	16.26	5,219	5,651	6,475	69
Marion.....	102	116	130	12.07	4,173	4,661	5,111	56	Knox.....	32	37	48	29.73	5,812	6,550	8,478	14
Marshall.....	95	106	121	14.15	3,528	3,921	4,419	78	LaCade.....	108	120	138	15.00	4,770	5,195	5,877	82
Monroe.....	174	188	210	11.70	4,978	5,328	5,836	30	Lafayette.....	195	210	247	17.62	6,767	7,270	8,613	13
Montgomery.....	52	56	62	10.71	3,917	4,282	4,838	68	Lawrence.....	133	152	169	11.18	4,811	5,423	5,873	83
Neshoba.....	102	117	129	10.26	4,682	5,357	5,922	28	Lewis.....	53	69	78	13.04	4,928	6,392	7,387	45
Newton.....	91	103	114	10.68	4,712	5,292	5,936	26	Lincoln.....	119	136	159	16.91	5,856	6,634	7,699	32
Noxubee.....	50	56	67	19.64	3,765	4,174	4,924	66	Linn.....	86	100	119	19.00	5,604	6,645	7,658	33
Oktibbeha.....	160	178	198	11.24	4,739	5,309	5,926	27	Livingston.....	111	120	141	17.50	7,070	7,498	8,906	11
Panola.....	118	125	148	18.40													

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
St. Charles	792	916	1,043	13.86	6,444	7,095	7,810	28	Blaine	3	4	5	25.00	3,631	4,679	6,201	87
St. Clair	39	41	52	26.83	4,275	4,444	5,596	89	Boone	45	54	63	16.67	5,838	7,176	8,611	19
St. Francois	207	233	263	12.88	5,224	5,892	6,604	64	Box Butte	71	83	92	10.84	6,331	6,776	7,017	71
St. Louis	8,696	9,713	10,818	11.38	8,884	9,891	10,940	1	Boyd	16	21	24	14.29	4,550	6,010	7,088	69
Ste. Genevieve	79	90	102	13.33	5,543	6,189	6,906	59	Brown	24	29	32	10.34	5,578	6,668	7,367	59
Saline	166	180	217	20.56	6,962	7,621	8,904	12	Buffalo	197	229	259	13.10	5,951	6,814	7,565	51
Schuyler	23	28	32	14.29	4,521	5,651	6,545	66	Burt	59	60	73	21.67	6,823	6,904	8,648	18
Scotland	30	39	43	10.26	5,343	7,014	7,936	26	Butler	53	59	70	18.64	5,883	6,467	7,753	41
Scott	190	217	250	15.21	5,141	5,799	6,568	65	Cass	116	152	166	9.21	5,702	7,450	8,110	30
Shannon	26	29	33	13.79	3,320	3,756	4,344	109	Cedar	63	69	80	15.94	5,393	6,055	6,987	74
									Chase	34	38	43	13.16	7,295	7,865	8,914	12
									Cherry	33	46	58	26.09	4,951	6,841	8,857	14
Shelby	46	55	61	10.91	5,950	7,276	8,312	17	Cheyenne	61	79	79	-----	5,911	7,609	7,533	52
Stoddard	129	138	169	22.46	4,543	4,771	5,847	85	Clay	46	64	68	6.25	5,596	8,097	8,804	15
Stone	63	71	85	19.72	4,520	4,954	5,695	88	Colfax	65	65	75	15.38	6,717	6,776	7,752	45
Sullivan	34	44	56	27.27	4,685	5,996	7,563	40	Cumming	71	76	89	17.11	6,095	6,369	7,385	52
Taney	101	114	125	9.65	5,379	5,845	6,314	72	Custer	76	85	100	17.65	5,471	6,117	7,388	57
Texas	78	88	102	15.91	3,777	4,242	4,907	104	Dakota	92	109	120	10.09	5,543	6,469	7,138	66
Vernon	98	105	127	20.95	4,918	5,304	6,511	68	Dawes	50	56	63	12.50	5,573	6,132	6,893	78
Warren	81	94	106	12.77	6,417	6,962	7,946	25	Dawson	128	152	172	13.16	5,970	6,987	7,711	46
Washington	67	72	82	13.89	4,081	4,177	4,786	105	Deuel	20	22	23	4.55	7,821	8,931	9,522	3
Wayne	34	38	43	13.16	3,235	3,560	4,061	113	Dixon	40	45	51	13.33	5,631	6,354	7,193	64
Webster	80	90	102	13.33	4,332	4,713	5,296	98	Dodge	260	280	316	12.86	7,303	7,855	8,858	13
Worth	14	17	21	23.53	4,399	5,207	6,542	67	Douglas	3,033	3,368	3,750	11.34	7,428	8,180	9,098	8
Wright	69	78	85	8.97	4,353	4,962	5,445	91	Dundy	23	22	27	22.73	8,226	7,691	9,755	1
St. Louis—Inde- pendent city	3,201	3,487	3,848	10.35	6,187	6,914	7,721	31	Fillmore	49	69	74	7.25	6,205	8,763	9,093	9
Montana	4,609	5,515	5,917	7.29	6,020	7,071	7,528	-----	Franklin	27	31	35	12.90	6,004	6,829	7,642	48
SMAS counties	1,273	1,439	1,612	12.02	6,825	7,587	8,540	-----	Frontier	22	23	27	17.39	5,372	5,674	6,821	78
Non-SMAS counties	3,336	4,077	4,306	5.62	5,760	6,905	7,208	-----	Furnas	41	40	47	17.50	6,109	6,077	7,235	63
Beaverhead	47	60	64	6.67	5,667	7,021	7,678	12	Gage	155	175	200	14.29	6,604	7,453	8,593	20
Big Horn	49	71	69	-2.82	4,607	6,469	6,277	36	Garden	16	21	21	5.377	7,116	7,673	46	
Blaine	29	38	36	-5.26	4,032	5,123	4,840	54	Garfield	12	15	17	13.33	4,699	5,769	6,695	80
Broadwater	19	21	22	4.76	5,944	6,399	6,382	32									
Carbon	41	48	54	12.50	5,042	5,732	6,343	34	Gosper	13	15	17	13.33	5,032	5,497	6,482	85
Carter	7	12	13	8.33	3,837	6,536	7,354	15	Grant	5	6	8	33.33	5,387	6,657	8,961	11
Cascade	554	624	675	8.17	6,508	7,308	8,094	7	Greeley	18	23	26	13.04	4,954	6,183	7,010	72
									Hall	295	339	382	12.68	6,440	7,293	8,169	28
Chouteau	31	47	30	-36.17	4,786	7,068	4,561	55	Hamilton	57	62	72	16.13	6,306	6,908	7,976	36
Custer	84	95	106	11.58	6,429	7,260	8,007	8	Harlan	25	30	33	10.00	5,751	6,612	7,402	55
Daniels	20	29	22	-24.14	6,509	9,388	7,172	17	Hayes	5	6	6	-----	3,029	4,078	3,668	92
Dawson	66	79	85	7.59	5,825	6,925	7,477	14	Hitchcock	24	27	29	7.41	5,950	6,727	6,841	77
Deer Lodge	78	82	89	8.54	5,443	5,989	6,788	27	Holt	63	81	94	16.05	4,840	6,249	7,201	64
Fallon	18	23	24	4.35	4,441	5,810	6,148	39	Hooker	6	6	7	16.67	6,147	6,351	7,568	50
Fergus	75	97	100	3.09	5,649	7,145	7,071	19									
Flathead	298	352	403	14.49	6,340	7,131	7,890	10	Howard	38	44	49	11.36	5,536	6,421	7,080	70
									Jefferson	59	66	76	15.15	5,661	6,513	7,490	53
Gallatin	223	260	289	11.15	5,768	6,504	7,041	20	Johnson	27	35	39	11.43	4,927	6,498	7,174	66
Garfield	6	11	9	-18.18	3,463	6,229	5,736	48	Kearney	45	60	63	5.00	6,732	8,826	9,180	7
									Keith	63	72	80	11.11	6,611	7,185	7,848	38
Glacier	65	90	89	-1.11	5,932	7,664	7,693	11	Keya Paha	5	6	7	16.67	3,811	4,906	5,332	90
Golden Valley	4	6	6	-----	3,676	5,517	5,221	51	Kimball	36	47	44	-6.38	7,234	9,255	9,209	6
Granite	14	17	19	11.76	5,113	6,177	6,770	28	Knox	56	67	75	11.94	4,937	5,960	6,808	79
Hill	105	137	127	-7.30	5,728	7,406	6,952	25	Lancaster	1,372	1,521	1,692	11.24	7,467	8,166	9,072	10
Jefferson	29	33	38	15.15	4,010	4,377	4,869	53	Lincoln	250	275	302	9.82	6,842	7,430	8,064	34
Judith Basin	14	20	17	-15.00	4,910	7,013	5,969	43									
Lake	79	94	106	12.77	4,453	5,194	5,782	47	Logan	6	6	7	16.67	5,583	5,462	6,917	75
Lewis and Clark	307	350	384	9.71	7,763	8,539	9,189	2	Loup	2	3	3	-----	2,090	3,066	3,626	93
Liberty	18	27	18	-33.33	6,849	10,429	6,924	26	McPherson	3	3	5	66.67	4,596	5,098	8,233	24
Lincoln	90	105	113	7.62	5,398	6,096	6,389	31	Madison	212	241	289	19.92	7,251	8,104	9,536	3
									Merrick	46	51	56	9.80	5,089	5,763	6,594	82
McCone	13	22	14	-36.36	4,661	7,961	4,942	52	Morrill	31	33	40	21.21	4,994	5,423	6,573	84
Madison	24	29	34	17.24	4,150	5,001	5,792	46	Nance	34	27	31	14.81	5,136	5,764	6,665	81
Meagher	13	17	18	5.88	5,630	7,387	7,575	13	Nemaha	43	59	63	6.78	5,353	7,346	7,834	40
Mineral	19	22	25	13.64	5,483	6,071	6,760	29	Nuckolls	35	42	49	16.67	4,988	6,208	7,300	61

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Douglas.....	124	157	189	20.38	9,630	11,038	11,615	3	Albany.....	2,117	2,343	2,612	11.48	7,390	8,195	9,156	8
Elko.....	114	134	157	17.16	7,520	8,779	10,198	4	Allegany.....	248	272	303	11.40	4,917	5,415	5,994	58
Esmeralda.....	4	5	5		5,696	5,823	6,171	17	Bronx.....	7,320	7,876	8,606	9.27	5,716	6,385	7,179	33
Eureka.....	7	9	12	33.33	7,888	9,883	12,592	1	Broome.....	1,474	1,631	1,798	10.24	6,728	7,514	8,286	15
Humboldt.....	47	57	72	26.32	6,406	7,551	8,675	9	Cattaraugus.....	447	487	546	12.11	5,239	5,707	6,432	51
Lander.....	20	26	33	26.92	6,071	7,554	9,149	7	Cayuga.....	457	502	566	12.75	5,852	6,466	7,409	29
Lincoln.....	15	20	23	15.00	5,124	6,063	6,388	16	Chautauqua.....	880	968	1,082	11.78	5,994	6,674	7,519	27
Lyon.....	72	86	102	18.60	6,620	7,638	8,298	10	Chemung.....	619	668	735	10.03	6,249	6,807	7,505	28
Mineral.....	38	43	47	9.30	6,552	7,533	8,024	11	Chenango.....	260	288	321	11.46	5,362	5,953	6,689	47
Nye.....	37	53	62	16.98	6,081	6,847	7,691	13	Clinton.....	401	446	495	10.99	4,841	5,410	5,994	57
Pershing.....	20	23	26	13.04	6,988	7,807	9,051	8	Columbia.....	328	363	405	11.57	5,810	6,426	7,138	36
Storey.....	6	8	10	25.00	5,636	6,289	6,755	15	Cortland.....	262	291	317	8.93	5,490	6,073	6,670	48
Washoe.....	1,501	1,827	2,116	15.82	9,510	11,097	12,317	2	Delaware.....	286	267	302	13.11	4,971	5,702	6,401	53
White Pine.....	57	62	64	8.23	6,402	6,882	7,658	14	Dutchess.....	1,707	1,876	2,098	11.83	7,283	7,973	8,862	9
Carson City.....	209	257	299	16.34	7,688	8,703	9,626	6	Erie.....	7,517	8,137	8,952	10.02	6,956	7,648	8,476	13
New Hampshire.....	5,649	6,514	7,422	13.94	6,645	7,495	8,370	-----	Essex.....	180	203	228	12.32	5,069	5,736	6,379	54
SMSA counties.....	2,991	3,473	3,973	14.40	6,962	7,894	8,833	-----	Franklin.....	214	232	254	9.48	4,767	5,169	5,609	61
Non-SMSA counties.....	2,659	3,041	3,450	13.45	6,303	7,086	7,893	-----	Fulton.....	306	332	360	8.43	5,595	6,041	6,594	50
Belknap.....	251	293	341	16.38	6,621	7,362	8,082	6	Genesee.....	374	403	453	12.41	6,172	6,725	7,584	24
Carroll.....	156	179	203	13.41	6,271	6,832	7,442	8	Greene.....	228	256	276	7.81	5,894	6,640	7,301	31
Cheshire.....	379	436	499	14.45	6,516	7,348	8,165	5	Hamilton.....	25	28	31	10.71	5,009	5,444	5,928	59
Coos.....	202	223	242	8.52	5,764	6,273	6,692	10	Herkimer.....	386	422	467	10.66	5,791	6,320	7,009	40
Grafton.....	406	453	509	12.36	6,629	7,395	8,278	4	Jefferson.....	505	560	620	10.71	5,540	6,180	6,849	43
Hillsborough.....	1,783	2,062	2,353	14.11	6,996	7,947	8,859	1	Kings.....	14,485	15,614	17,064	9.29	6,241	6,929	7,719	21
Merrimack.....	610	702	798	13.68	6,747	7,622	8,639	3	Lewis.....	114	130	144	10.77	4,496	5,083	5,552	62
Rockingham.....	1,207	1,411	1,620	14.81	6,961	7,818	8,796	2	Livingston.....	326	355	394	10.99	5,707	6,313	6,893	42
Stratford.....	453	522	594	13.79	5,602	6,427	7,121	9	Madison.....	356	392	437	11.48	5,399	5,961	6,632	49
Sullivan.....	203	233	264	13.30	6,066	6,910	7,814	7	Monroe.....	5,750	6,244	6,929	10.97	8,080	8,840	9,825	5
New Jersey.....	58,171	64,347	71,454	11.04	7,928	8,796	9,746	-----	Montgomery.....	330	354	384	8.47	5,975	6,426	7,037	39
SMSA counties.....	54,161	59,842	66,380	10.93	8,020	8,912	9,889	-----	Nassau.....	13,808	15,087	16,707	10.74	9,837	10,841	12,033	3
Non-SMSA counties.....	4,010	4,505	5,074	12.63	6,866	7,499	8,187	-----	New York.....	15,167	16,479	18,121	9.96	10,970	12,167	13,589	1
Atlantic.....	1,248	1,403	1,685	20.10	6,601	7,415	8,301	12	Niagara.....	1,592	1,727	1,907	10.42	6,977	7,252	8,066	16
Bergen.....	8,743	9,638	10,659	10.59	10,015	11,148	12,369	1	Oneida.....	1,568	1,711	1,892	10.58	5,966	6,566	7,275	32
Burlington.....	2,484	2,747	3,059	11.36	6,856	7,575	8,307	17	Onondaga.....	3,226	3,551	3,957	11.43	6,805	7,517	8,409	14
Camden.....	3,292	3,644	4,025	10.46	6,944	7,735	8,468	15	Ontario.....	564	613	687	12.07	6,545	7,032	7,838	19
Cape May.....	512	569	640	12.48	6,745	7,406	8,086	18	Orange.....	1,672	1,840	2,049	11.36	6,717	7,292	7,988	17
Cumberland.....	830	907	992	9.37	6,292	6,956	7,770	19	Orleans.....	248	271	297	9.59	6,432	6,988	7,712	22
Essex.....	6,684	7,237	7,946	9.80	7,882	8,722	9,689	7	Oswego.....	641	702	801	14.10	5,752	6,303	7,176	34
Gloucester.....	1,205	1,370	1,513	10.44	6,183	6,867	7,400	21	Otsego.....	318	349	386	10.60	5,508	6,055	6,715	46
Hudson.....	4,156	4,970	5,780	10.18	7,380	8,141	9,158	11	Putnam.....	501	558	628	12.54	6,999	7,712	8,548	12
Hunterdon.....	672	762	858	12.60	6,124	6,929	7,894	6	Queens.....	15,082	16,356	17,987	9.97	7,701	8,399	9,260	7
Mercer.....	2,444	2,695	2,978	10.50	7,706	8,525	9,461	9	Rensselaer.....	933	1,026	1,140	11.11	6,130	6,779	7,570	25
Middlesex.....	4,766	5,357	5,946	10.99	8,072	9,078	10,024	5	Richmond.....	2,474	2,721	3,075	13.01	7,385	8,004	8,789	11
Monmouth.....	3,883	4,331	4,841	11.78	7,848	8,696	9,674	8	Rockland.....	2,103	2,331	2,611	12.01	8,153	8,940	9,847	4
Morris.....	3,634	4,065	4,547	11.86	9,081	10,087	11,202	3	St. Lawrence.....	570	618	679	9.87	4,871	5,344	6,115	55
Ocean.....	2,063	2,304	2,593	12.54	6,449	6,971	7,600	20	Saratoga.....	926	1,026	1,133	10.43	6,266	6,886	7,569	26
Passaic.....	3,357	3,696	4,085	10.52	7,463	8,315	9,190	10	Schenectady.....	1,202	1,316	1,434	8.97	7,706	8,506	9,385	6
Salem.....	435	481	519	7.90	6,903	7,679	8,370	16	Schoharie.....	134	151	165	9.27	4,726	5,338	6,070	56
Somerset.....	1,996	2,238	2,512	12.24	9,692	10,796	11,956	2	Schuyler.....	91	99	110	11.11	5,197	5,661	6,226	60
Sussex.....	763	870	983	12.99	7,229	7,984	8,718	13	Seneca.....	200	218	242	11.01	5,904	6,430	7,158	35
Union.....	4,426	4,874	5,387	10.53	8,620	9,592	10,645	4	Steuben.....	614	672	755	12.35	6,093	6,663	7,382	44
Warren.....	577	647	717	10.82	7,011	7,742	8,567	14	Suffolk.....	9,348	10,240	11,395	11.28	7,242	7,893	8,792	10
New Mexico.....	7,061	8,189	9,287	13.41	5,920	6,742	7,482	-----	Sullivan.....	357	391	438	12.02	5,696	6,246	7,071	37
SMSA counties.....	3,147	3,629	4,114	13.36	6,468	7,351	8,153	-----	Tioga.....	297	329	367	11.55	6,022	6,640	7,356	30
Non-SMSA counties.....	3,934	4,561	5,173	13.42	5,544	6,326	7,022	-----	Tompkins.....	465	509	561	10.22	5,580	6,200	6,805	45
Bernalillo.....	2,599	2,999	3,410	13.70	6,896	7,889	8,760	3	Ulster.....	993	1,091	1,224	12.19	6,434	7,064	7,873	18
Catron.....	9	11	14	27.27	3,654	3,897	5,107	29	Warren.....	336	367	406	10.63	6,341	6,931	7,645	23
Chaves.....	273	319	365	14.42	5,495	6,389	7,125</										

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Dare	58	66	74	12.12	5,717	6,115	6,559	51	Golden Valley	14	21	19	-9.52	5,458	8,223	7,777	14
Davidson	623	708	798	12.71	6,129	6,866	7,633	14	Grand Forks	385	432	462	6.94	5,869	6,629	7,037	26
128	145	162	11.72	5,847	6,456	7,129	28	Grant	22	28	29	3.57	4,348	5,600	5,859	47	
Duplin	183	223	241	8.07	4,589	5,577	6,072	65	Griggs	22	27	23	-14.81	5,296	6,493	5,821	48
Durham	998	1,117	1,265	13.25	6,989	7,761	8,694	5	Hettinger	26	29	25	-13.79	5,421	6,150	5,377	52
Edgecombe	313	357	390	9.24	5,701	6,428	6,961	36	Kidder	17	31	30	-3.23	3,859	7,147	7,373	20
Forsyth	1,741	1,941	2,162	11.39	7,039	8,389	9,286	3	La Moure	37	42	38	-9.52	5,424	6,218	5,672	50
Franklin	127	150	164	9.33	4,501	5,323	5,674	74	Logan	19	22	22	-	4,883	5,513	5,809	49
Gaston	911	1,027	1,153	12.27	5,880	6,585	7,332	23	McHenry	42	68	65	-4.41	4,853	8,046	7,966	9
Gates	46	53	58	9.43	5,599	6,367	6,824	39	McIntosh	27	37	35	-5.41	5,295	7,410	7,065	25
Graham	29	33	39	18.18	4,161	4,757	5,501	78	McKenzie	35	57	57	-	5,623	9,079	8,677	6
Granville	155	180	202	12.22	4,739	5,503	6,204	63	McLean	78	115	106	-7.83	6,429	9,020	7,921	10
Greene	70	103	108	4.85	4,740	6,682	7,037	34	Mercer	48	61	69	13.11	6,068	7,464	8,266	7
Guilford	2,263	2,581	2,878	11.51	7,432	8,421	9,335	2	Morton	136	167	187	11.98	5,739	6,883	7,559	17
Halifax	248	270	297	10.00	4,478	4,887	5,376	84	Mountrail	43	60	57	-5.00	5,151	7,210	6,531	39
Harnett	256	286	317	10.84	4,660	5,160	5,679	72	Nelson	36	50	41	-18.00	6,124	8,888	7,498	18
Haywood	246	276	302	9.42	5,655	6,240	6,768	44	Oliver	10	18	17	-5.56	4,225	7,325	6,613	38
Henderson	328	372	419	12.63	6,489	7,186	7,928	9	Pembina	65	81	73	-9.88	5,902	7,588	6,784	33
Hertford	112	125	138	10.40	4,617	5,048	5,529	77	Pierce	29	50	43	-14.00	4,407	7,708	6,802	31
Hoke	72	75	84	12.00	3,879	4,046	4,477	99	Ramsey	88	114	105	-7.89	6,533	8,478	7,880	12
Hyde	19	18	21	16.67	3,263	3,222	3,677	100	Ransom	44	49	53	8.16	6,201	6,877	7,481	19
Iredell	447	512	569	11.13	5,747	6,467	7,072	33	Renville	24	32	24	-25.00	6,483	8,720	6,518	40
Jackson	109	123	136	10.57	4,365	4,990	5,449	80	Richland	105	119	124	4.29	5,539	6,195	6,481	42
Johnston	349	404	451	11.63	5,289	6,036	6,726	46	Rolette	53	65	64	-1.54	4,090	4,936	4,965	53
Jones	38	47	50	6.38	3,906	4,871	5,293	87	Sargent	37	35	39	11.43	6,224	5,990	6,789	32
Lee	210	236	264	11.86	6,104	6,707	7,545	16	Sheridan	9	28	21	-25.00	2,688	8,703	6,623	36
Lenoir	328	370	402	8.65	5,531	6,266	6,782	43	Sioux	16	18	21	16.67	4,000	4,556	5,393	51
Lincoln	218	252	280	11.11	5,759	6,503	7,124	29	Slope	4	13	9	-30.77	3,208	9,749	6,379	44
McDowell	185	204	225	10.29	5,492	5,977	6,527	54	Stark	111	144	160	11.11	5,698	7,223	7,747	16
Macon	88	99	112	13.13	4,669	5,144	5,607	75	Steele	22	25	20	-20.00	6,128	7,149	5,912	46
Madison	66	74	81	9.46	3,901	4,318	4,700	94	Stutsman	153	188	187	-0.53	6,509	7,890	7,773	15
Martin	134	150	160	6.67	5,280	5,876	6,284	60	Towner	30	39	30	-23.08	6,811	9,150	7,187	22
Mecklenburg	2,915	3,305	3,769	14.04	7,726	8,658	9,737	1	Trail	64	84	80	-4.76	6,524	8,658	7,919	11
Mitchell	68	75	85	13.33	4,835	5,302	6,098	64	Walsh	91	103	103	-	5,426	6,280	6,402	43
Montgomery	108	125	138	10.40	5,569	6,376	6,899	37	Ward	392	463	484	4.54	6,444	7,589	7,976	8
Moore	272	312	349	11.86	6,223	7,011	7,752	11	Wells	41	84	68	-19.05	5,594	11,683	9,308	3
Nash	378	436	482	10.55	5,685	6,487	7,129	27	Williams	133	171	188	9.94	6,867	8,673	9,137	4
New Hanover	600	665	748	12.48	6,183	6,944	7,776	10	Ohio	75,798	83,997	93,495	11.31	7,086	7,826	8,713	-----
Northampton	96	104	113	8.65	4,105	4,462	4,894	92	SMSA counties	62,597	69,303	76,922	10.99	7,334	8,100	8,998	-----
Onslow	594	648	679	4.78	5,112	5,472	5,981	67	Non-SMSA counties	13,201	14,693	16,573	12.80	6,108	6,752	7,595	-----
Orange	425	488	554	13.52	6,225	7,184	7,976	8	Adams	90	99	120	21.21	3,955	4,292	5,213	88
Pamlico	48	52	58	11.54	4,860	5,217	5,863	69	Allen	60	762	858	12.70	7,045	7,983	8,926	12
Pasquotank	148	158	181	14.56	5,166	5,528	6,297	59	Ashland	283	316	360	13.92	6,395	7,052	8,010	42
Pender	92	103	115	11.65	4,314	4,753	5,224	89	Ashatabula	627	701	783	11.70	6,300	6,984	7,794	50
Perquimans	40	44	49	11.36	4,583	4,861	5,409	83	Athens	234	255	288	12.94	4,458	4,770	5,373	87
Person	140	159	172	8.18	5,182	5,832	6,250	62	Auglaize	269	297	339	14.14	6,532	7,103	7,934	44
Pitt	432	506	556	9.88	5,407	6,253	6,820	40	Belmont	545	598	686	14.72	6,665	7,331	8,457	21
Polk	84	93	104	11.83	6,576	7,418	8,229	6	Brown	152	168	202	20.24	5,010	5,438	6,359	78
Randolph	513	591	643	8.80	6,151	6,984	7,540	18	Butler	1,043	1,840	2,075	12.77	6,568	7,172	7,908	46
Richmond	222	248	278	12.10	5,314	5,834	6,536	53	Carroll	127	142	165	16.20	4,975	5,430	6,173	81
Robeson	391	460	506	10.00	4,163	4,872	5,370	85	Champaign	194	213	245	15.02	5,986	6,538	7,423	60
Rockingham	457	526	590	12.17	6,000	6,842	7,649	12	Clark	990	1,102	1,209	9.71	6,583	7,323	8,025	40
Rowan	545	613	685	11.75	5,866	6,519	7,210	25	Clermont	721	829	959	15.68	6,307	6,931	7,638	55
Rutherford	275	304	341	12.17	5,370	5,886	6,569	50	Clinton	206	225	257	14.22	6,271	6,796	7,681	53
Sampson	218	266	291	9.40	4,495	5,453	5,870	68	Columbiana	669	747	830	11.11	5,941	6,575	7,331	63
Scotland	152	172	192	11.63	5,098	5,643	6,267	61	Coshocton	230	256	280	9.88	6,678	7,416	8,037	39
Stanly	263	302	337	11.59	5,857	6,657	7,352	22	Crawford	341	371	406	9.43	6,873	7,410	8,048	37
Stokes	150	170	191	12.35	5,172	5,753	6,321	58	Cuyahoga	13,183	14,548	15,965	9.74	8,453	9,432	10,515	1
Surry	312	358	397	10.89	5,596	6,398	7,078	32	Darake	324	365	403	10.41	6,007	6,819	7,520	57
Swain	46	54	60	11.11	4,500	5,145	5,705	71	De laune	273	309	344	11.33	7,297	8,233	9,055	7
Transylvania	119	135	150	11.11	5,497	6,163	6,791	42	Delaware	335	378	427	12.96	6,			

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Meigs.....	117	131	150	14.50	5,370	5,961	6,800	72	Okfuskee.....	44	50	60	20.00	3,921	4,445	5,110	74
Mercer.....	235	280	323	15.36	6,210	7,362	8,549	19	Oklahoma.....	4,200	4,846	5,562	14.78	7,682	8,818	10,018	8
Miami.....	608	683	756	10.69	6,943	7,719	8,438	22	Okmulgee.....	193	225	261	16.00	5,103	5,982	6,943	43
Monroe.....	82	94	112	19.15	5,155	5,805	6,773	74	Osage.....	162	181	230	27.07	4,849	5,254	6,321	59
Montgomery.....	4,297	4,702	5,205	10.70	7,424	8,114	9,005	8	Ottawa.....	190	217	255	19.51	5,892	6,686	7,792	29
Morgan.....	76	82	98	19.51	5,664	6,042	7,046	70	Pawnee.....	73	83	103	24.10	5,245	5,810	6,973	42
Morrow.....	131	143	163	13.99	5,388	5,889	6,642	77	Payne.....	303	349	399	14.33	5,273	6,003	6,699	51
Muskingum.....	482	539	612	13.54	5,909	6,608	7,503	58	Pittsburg.....	187	212	240	13.21	4,935	5,656	6,510	56
Noble.....	50	57	66	15.79	4,469	5,072	5,825	84	Pontotoc.....	176	206	232	12.62	5,552	6,539	7,167	40
Ottawa.....	268	293	332	13.31	6,914	7,504	8,422	25	Pottawatomie.....	304	350	408	16.57	5,869	6,720	7,685	32
Paulding.....	137	146	172	17.81	6,744	7,119	8,310	32	Pushmataha.....	33	40	47	17.50	3,101	3,705	4,386	76
Perry.....	146	162	185	14.20	5,025	5,466	6,271	80	Roger Mills.....	24	31	33	6.45	5,266	6,689	6,753	47
Pickaway.....	261	293	322	9.90	5,976	6,646	7,347	61	Rogers.....	216	250	297	18.80	5,929	6,670	7,723	30
Pike.....	94	107	118	10.28	4,472	5,020	5,547	86	Seminole.....	142	162	187	15.43	5,057	5,808	6,724	49
Portage.....	769	863	957	10.89	5,820	6,470	7,197	64	Sequoyah.....	115	135	152	12.59	4,138	4,801	5,277	72
Preble.....	207	236	263	11.44	5,663	6,371	6,997	71	Stephens.....	285	328	397	21.04	7,086	8,034	9,454	11
Putnam.....	201	223	254	13.90	6,290	7,092	8,074	35	Texas.....	144	217	270	24.42	7,718	11,900	14,965	2
Richland.....	884	957	1,053	10.03	6,792	7,319	8,042	38	Tillman.....	77	92	108	17.39	6,267	7,633	9,015	13
Ross.....	365	408	453	11.03	5,859	6,458	7,082	68	Tulsa.....	3,603	4,114	4,700	14.24	8,360	9,484	10,586	6
Sandusky.....	418	457	512	12.04	6,709	7,328	8,276	33	Wagoner.....	139	157	187	19.11	4,622	5,061	5,897	64
Scioto.....	415	461	521	13.02	5,031	5,625	6,355	79	Washington.....	441	512	540	5.47	10,120	11,614	11,979	3
Seneca.....	414	456	507	11.18	6,919	7,611	8,426	24	Washita.....	71	86	110	27.91	5,406	6,434	8,016	22
Shelby.....	257	294	315	7.14	6,344	7,175	7,691	52	Woods.....	67	87	98	12.64	6,527	8,743	9,560	10
Stark.....	2,582	2,882	3,248	12.70	6,862	7,596	8,560	18	Woodward.....	133	142	169	19.01	7,339	7,658	8,813	16
Summit.....	3,840	4,226	4,647	9.96	7,289	8,080	8,948	11	Oregon.....	17,110	19,808	22,460	13.39	7,176	8,078	8,887	-----
Trumbull.....	1,785	2,006	2,231	11.22	7,388	8,175	9,003	9	SMMSA counties.....	11,032	12,721	14,453	13.62	7,755	8,729	9,637	-----
Tuscarawas.....	492	549	617	12.39	6,125	6,817	7,674	54	Non-SMSA counties.....	6,079	7,087	8,067	12.98	6,319	7,125	7,793	-----
Union.....	182	203	232	14.29	6,088	7,191	8,066	36	Baker.....	88	105	117	11.43	5,552	6,603	7,201	31
Van Wert.....	218	243	278	14.40	7,243	8,023	9,201	4	Benton.....	380	438	490	11.87	5,852	6,620	7,090	33
Vinton.....	44	52	62	19.23	4,081	4,773	5,715	85	Clackamas.....	1,600	1,876	2,157	14.98	7,340	8,189	9,063	5
Warren.....	583	658	746	13.37	6,426	7,057	7,818	49	Clatsop.....	202	234	266	13.68	6,830	7,663	8,331	14
Washington.....	356	400	456	14.00	5,933	6,538	7,341	62	Columbia.....	229	253	295	16.60	7,031	7,685	8,582	10
Wayne.....	603	679	760	11.93	6,445	7,140	7,934	45	Coos.....	393	452	509	12.61	6,472	7,238	8,042	17
Williams.....	248	273	312	14.29	7,108	7,767	8,753	16	Crook.....	78	92	102	10.87	6,612	7,533	8,041	18
Willis.....	691	761	853	12.09	6,746	7,281	7,989	43	Curry.....	96	112	124	10.71	6,330	7,067	7,605	24
Wyandot.....	148	160	182	13.75	6,712	7,336	8,363	27	Deschutes.....	329	393	465	18.32	6,953	7,478	8,402	11
Oklahoma.....	18,131	21,049	24,274	15.32	6,436	7,405	8,394	-----	Douglas.....	551	627	702	11.96	6,352	7,050	7,635	21
SMMSA counties.....	11,387	13,111	15,050	14.79	6,992	7,957	8,951	-----	Gilliam.....	7	18	16	-11.11	3,201	3,169	3,529	28
Non-SMSA counties.....	6,744	7,939	9,224	16.19	5,674	6,644	7,621	77	Grant.....	45	53	60	13.21	5,995	6,795	7,687	20
Adair.....	56	62	76	11.76	3,267	3,897	4,129	77	Harney.....	53	59	69	16.95	6,818	7,518	8,372	13
Alfalfa.....	45	62	63	1.61	6,006	6,081	6,088	20	Hood River.....	106	123	141	14.63	7,088	8,064	8,846	6
Atoka.....	36	43	52	20.93	3,157	3,792	4,527	75	Jackson.....	741	865	967	11.79	6,200	7,000	7,613	22
Beaver.....	42	66	74	12.12	6,628	10,001	10,847	5	Jefferson.....	63	71	79	11.27	5,992	6,506	7,099	32
Beckham.....	101	120	145	20.83	6,189	7,077	7,968	23	Josephine.....	292	338	377	11.54	5,735	6,253	6,860	34
Blaine.....	72	89	97	8.99	5,561	6,833	7,325	38	Klamath.....	356	417	463	11.03	6,171	7,006	7,597	25
Bryan.....	139	159	188	18.24	5,029	5,725	6,704	50	Lake.....	42	49	56	14.29	6,017	6,943	7,605	23
Caddo.....	159	182	224	23.08	4,923	5,596	6,858	45	Lane.....	1,681	1,933	2,167	12.11	6,720	7,482	8,116	16
Canadian.....	292	361	413	14.40	6,147	7,193	7,915	25	Lincoln.....	200	229	265	15.72	6,639	7,253	8,165	15
Carter.....	268	309	352	13.92	6,384	7,307	8,314	20	Linn.....	542	610	677	10.98	6,407	7,064	7,554	27
Cherokee.....	120	139	158	13.67	4,581	5,234	5,951	63	Malheur.....	134	158	174	10.13	5,364	6,242	6,628	35
Choctaw.....	62	74	91	22.97	4,170	4,954	5,997	62	Marion.....	1,267	1,453	1,650	13.56	7,195	7,936	8,760	7
Cimarron.....	31	53	72	35.85	8,183	14,597	20,100	1	Morrow.....	52	75	85	13.33	8,048	10,548	10,953	2
Cleveland.....	643	749	872	16.42	6,019	6,852	7,716	31	Multnomah.....	4,583	5,207	5,879	12.91	8,680	9,913	10,962	1
Coal.....	23	27	33	22.22	3,759	4,355	5,407	70	Polk.....	247	285	321	12.63	5,740	6,475	7,203	30
Comanche.....	606	674	735	9.05	5,172	5,667	6,089	61	Sherman.....	13	17	19	11.76	5,997	6,347	6,735	8
Cotton.....	38	50	55	10.00	5,294	6,975	7,674	33	Tillamook.....	124	148	181	22.30	6,437	7,373	8,708	9
Craig.....	91	107	134	25.23	5,977	6,979	8,650	18	Umatilla.....	319	398	438	10.05	6,142	7,413	8,806	19
Creek.....	276	317	371	17.03	5,211	5,868	6,660	52	Walla.....	138	155	175	12.90	6,071	6,661	7,250	29
Custer.....	141	173	194	12.14	6,183	7,550	8,333	19	Wallowa.....	40	50	57	14.00	5,744	7,004	7,579	26
Delaware																	

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Forest.....	27	29	33	13.79	5,077	5,498	6,431	60	Saluda.....	67	80	89	11.25	4,575	5,436	5,993	33
Franklin.....	679	756	842	11.38	6,368	7,054	7,851	25	Spartanburg.....	1,166	1,309	1,464	11.84	5,977	6,675	7,445	7
Fulton.....	53	62	69	11.29	4,583	5,122	5,907	67	Sumter.....	409	460	508	10.43	4,876	5,513	6,096	31
Greene.....	204	215	253	17.67	5,219	5,471	6,577	57	Union.....	152	168	184	9.52	5,044	5,596	6,114	28
Huntingdon.....	203	223	252	13.00	5,060	5,640	6,320	61	Williamsburg.....	143	162	186	14.81	4,021	4,495	5,075	41
Indiana.....	512	574	647	12.72	5,860	6,576	7,312	42	York.....	570	655	741	13.13	5,951	6,664	7,347	10
Jefferson.....	270	305	338	10.82	5,738	6,454	7,027	49	South Dakota.....	3,819	4,372	4,816	10.16	5,555	6,335	6,992	-----
Juniata.....	108	122	136	11.48	5,887	6,576	7,453	35	SMMSA counties.....	1,261	1,440	1,610	11.81	6,573	7,403	8,146	-----
Lackawanna.....	1,379	1,511	1,682	11.32	5,943	6,523	7,314	41	Non-SMMSA counties.....	2,559	2,932	3,207	9.38	5,161	5,916	6,528	-----
Lancaster.....	2,393	2,690	3,012	11.97	6,882	7,670	8,512	12	Aurora.....	17	18	21	16.67	4,350	4,661	5,522	54
Lawrence.....	638	707	784	10.89	6,005	6,693	7,461	33	Beadle.....	117	129	144	11.63	5,989	6,682	7,372	11
Lebanon.....	696	761	852	11.96	6,600	7,167	8,023	20	Bennett.....	12	17	16	-5.88	3,860	5,584	5,643	47
Lehigh.....	1,963	2,161	2,440	12.91	7,420	8,183	9,182	6	Bon Homme.....	38	42	50	19.05	4,721	5,060	6,310	32
Luzerne.....	2,133	2,335	2,605	11.56	6,276	6,901	7,698	28	Brookings.....	120	135	157	16.30	5,279	5,907	6,680	26
Lycoming.....	722	802	881	9.85	6,334	7,053	7,687	29	Brown.....	227	254	276	8.66	6,074	6,763	7,627	5
McKean.....	323	355	399	12.39	6,272	6,984	8,098	19	Brule.....	32	34	40	17.65	5,780	6,037	7,390	9
Mercer.....	800	888	991	11.60	6,304	7,080	7,861	24	Buffalo.....	8	9	9	-----	4,034	4,842	5,094	60
Mifflin.....	247	275	308	12.00	5,542	6,243	7,079	47	Butte.....	37	46	51	10.87	4,501	5,465	5,758	43
Monroe.....	391	434	483	11.29	6,770	7,290	7,993	21	Campbell.....	9	20	14	-30.00	3,673	3,409	6,117	40
Montgomery.....	6,168	6,784	7,534	11.06	9,796	10,794	11,975	1	Charles Mix.....	45	48	55	14.58	4,349	4,615	5,382	56
Montour.....	89	100	112	12.00	5,372	6,026	6,668	56	Clark.....	29	29	29	-----	5,340	5,392	5,308	57
Northampton.....	1,615	1,767	1,976	11.83	7,159	7,816	8,752	10	Clay.....	69	72	84	16.67	5,154	5,443	6,242	36
Northumberland.....	608	674	737	9.35	6,141	6,799	7,454	34	Codington.....	115	127	142	11.81	5,729	6,388	7,201	14
Perry.....	191	214	240	12.15	5,736	6,337	6,925	53	Corson.....	113	26	20	-23.08	2,690	5,224	4,327	65
Philadelphia.....	11,666	12,528	13,686	9.24	6,546	7,096	7,825	26	Custer.....	26	29	33	13.79	4,609	5,251	6,167	38
Pike.....	89	100	112	12.00	6,089	6,688	7,584	32	Davison.....	105	116	130	12.07	5,933	6,565	7,381	10
Potter.....	83	93	103	10.75	4,901	5,484	6,134	65	Day.....	44	49	45	-8.16	5,218	5,790	5,607	50
Schuylkill.....	956	1,018	1,143	12.28	6,047	6,474	7,275	43	Deuel.....	27	25	30	20.00	5,046	4,763	5,611	49
Snyder.....	179	199	222	11.56	5,740	6,348	7,177	45	Dewey.....	22	28	29	3.57	3,652	4,701	4,771	63
Somerset.....	475	520	592	13.85	5,959	6,487	7,435	36	Douglas.....	22	23	26	13.04	4,916	5,175	5,776	42
Sullivan.....	29	33	36	9.09	4,829	5,552	5,909	66	Edmunds.....	27	30	29	-3.33	5,031	5,590	5,593	52
Susquehanna.....	182	202	227	12.38	4,878	5,495	6,209	64	Fall River.....	44	57	64	12.28	4,959	6,331	7,453	8
Tioga.....	213	235	259	10.21	5,145	5,761	6,520	58	Faulk.....	23	23	24	4.35	6,578	6,611	7,283	12
Union.....	174	197	220	11.68	5,625	6,298	6,968	51	Grant.....	53	52	62	19.23	5,563	5,366	6,473	31
Venango.....	425	459	504	9.80	6,712	7,293	8,229	18	Gregory.....	34	34	40	17.65	5,394	5,460	6,305	33
Warren.....	312	341	376	10.26	6,644	7,389	8,265	17	Haakon.....	13	20	21	5.00	4,358	7,152	7,520	6
Washington.....	1,441	1,564	1,761	12.60	6,743	7,341	8,362	13	Hamlin.....	28	27	31	14.81	4,957	5,064	5,638	48
Wayne.....	181	200	225	12.50	5,276	5,676	6,238	62	Hand.....	25	33	35	6.06	4,683	6,431	6,860	22
Westmoreland.....	2,549	2,821	3,193	13.19	6,680	7,387	8,321	16	Hanson.....	15	15	18	20.00	4,250	4,273	5,261	59
Wyoming.....	127	142	161	13.38	5,261	5,904	6,958	52	Harding.....	6	13	12	-7.69	3,083	7,433	6,768	25
York.....	2,009	2,257	2,543	12.67	6,940	7,715	8,613	11	Hughes.....	93	104	110	5.77	6,605	7,283	7,888	2
Rhode Island.....	6,365	7,108	7,900	11.14	6,790	7,624	8,500	-----	Hutchinson.....	47	56	63	12.50	4,978	6,038	6,953	18
SMMSA counties.....	5,857	6,536	7,260	11.08	6,851	7,683	8,551	-----	Hyde.....	12	14	16	14.29	5,224	6,054	7,125	15
Non-SMMSA counties.....	508	572	640	11.89	6,158	7,010	7,958	-----	Jackson.....	10	17	17	-----	3,286	5,608	5,722	45
Bristol.....	342	376	417	10.90	7,406	8,222	9,296	1	Jerauld.....	13	14	16	14.29	4,236	4,588	5,038	61
Kent.....	1,080	1,201	1,342	11.74	7,097	7,955	8,939	2	Jones.....	6	12	10	-16.67	3,685	7,303	6,598	27
Newport.....	508	572	640	11.89	6,158	7,010	7,958	5	Kingsbury.....	36	40	45	12.50	5,015	5,696	6,492	30
Providence.....	3,865	4,318	4,779	10.68	6,793	7,646	8,478	3	Lake.....	59	62	73	17.74	5,550	5,817	6,900	21
Washington.....	570	641	723	12.79	6,511	7,177	7,991	4	Lawrence.....	102	113	128	13.27	5,905	6,438	7,235	13
South Carolina.....	16,331	18,398	20,688	12.45	5,675	6,340	7,056	-----	Lincoln.....	72	77	94	22.08	5,440	5,555	6,808	24
SMMSA counties.....	8,587	9,631	10,820	12.35	6,180	6,870	7,619	-----	Lyman.....	28	24	22	-8.33	4,444	5,994	5,600	51
Non-SMMSA counties.....	7,743	8,767	9,869	12.57	5,203	5,844	6,527	-----	McCook.....	33	38	43	13.16	4,677	5,468	6,133	39
Abbeville.....	106	122	133	9.02	4,867	5,545	6,085	32	McPherson.....	19	28	26	-7.14	4,312	6,118	5,678	46
Aiken.....	630	713	795	11.50	6,487	7,221	8,031	5	Marshall.....	27	34	31	-8.82	4,823	6,002	5,442	55
Allendale.....	36	40	45	12.50	3,465	3,941	4,543	45	Meade.....	102	122	132	8.20	5,403	6,262	6,532	29
Anderson.....	697	789	889	12.67	5,924	6,606	7,342	11	Mellette.....	9	12	12	-----	3,936	5,222	5,541	53
Bamberg.....	70	81	92	13.58	4,199	4,930	5,614	36	Miner.....	21	23	26	13.04	5,242	5,840	7,026	16
Barnwell.....	96	114	128	12.28	5,094	5,904	6,383	25	Minnehaha.....	722	828	934	12.80	7,0,0			

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			Per cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Clay.....	26	29	33	13.79	3,808	4,148	4,653	83	Austin.....	94	112	135	20.54	6,177	7,134	8,189	98
Cooke.....	118	132	140	6.06	4,189	4,658	4,923	76	Bailey.....	49	53	65	22.64	6,158	6,879	8,355	88
Coffee.....	200	228	258	13.16	5,710	6,441	7,119	15	Bandera.....	40	46	54	17.39	6,224	6,890	7,618	136
Crockett.....	63	77	77		4,346	5,281	5,331	67	Bastrop.....	101	123	140	13.82	5,028	6,039	6,610	202
Cumberland.....	103	120	134	11.67	3,948	4,521	4,924	75	Baylour.....	33	35	34	-2.86	6,907	7,464	7,190	166
Davidson.....	3,373	3,841	4,333	12.81	7,528	8,511	9,572	1	Bee.....	117	133	148	11.28	5,062	5,769	6,466	210
Decatur.....	44	51	58	13.73	4,476	5,176	5,782	56	Bell.....	983	1,094	1,154	5.48	6,132	6,712	7,073	172
DeKalb.....	57	66	74	12.12	4,517	5,192	5,716	60	Bexar.....	5,731	6,451	7,351	13.95	6,019	6,679	7,492	142
Dickson.....	140	161	182	13.04	5,119	5,824	6,436	36	Blanco.....	23	26	31	19.23	5,632	6,528	7,499	141
Dyer.....	178	197	227	15.23	5,367	5,884	6,780	24	Borden.....	4	4	6	50.00	4,623	4,693	7,351	156
Fayette.....	73	87	97	11.49	2,989	3,537	3,986	92	Bosque.....	84	106	119	12.26	6,773	8,370	9,120	41
Fentress.....	42	48	55	14.58	2,894	3,340	3,803	93	Bowie.....	449	502	571	13.75	6,137	6,806	7,621	134
Franklin.....	136	158	177	12.03	4,513	5,215	5,740	59	Brazoria.....	990	1,160	1,409	21.47	7,262	8,053	9,270	34
Gibson.....	236	266	295	10.90	4,970	5,603	6,294	41	Brazos.....	412	466	543	16.52	5,606	6,130	6,817	190
Giles.....	124	146	162	10.96	5,234	6,194	6,931	19	Brewster.....	35	44	51	15.91	4,826	5,889	6,678	201
Grainger.....	62	71	77	8.45	3,701	4,289	4,477	86	Briscoe.....	23	15	20	33.33	8,867	9,933	8,000	114
Greene.....	250	281	311	10.68	4,893	5,458	6,017	47	Brooks.....	27	34	36	5.88	5,581	4,520	4,975	247
Grundy.....	42	49	55	12.24	3,297	3,844	4,240	89	Brown.....	178	206	230	11.65	5,967	6,860	7,379	153
Hamblen.....	241	267	292	9.36	5,432	5,886	6,346	39	Burleson.....	50	63	71	12.70	4,713	5,924	6,574	205
Hamilton.....	1,894	2,150	2,390	11.16	7,067	7,964	8,776	2	Burnet.....	100	116	133	14.66	6,276	7,054	7,903	121
Hancock.....	22	25	26	4.00	3,329	3,701	4,026	91	Caldwell.....	109	126	142	12.70	4,941	5,681	6,374	216
Hardeman.....	93	104	118	13.46	4,003	4,558	5,106	71	Calhoun.....	118	128	155	21.09	6,585	7,111	8,450	85
Hardin.....	90	104	119	14.42	4,319	5,012	5,701	61	Callahan.....	56	67	75	11.94	5,766	6,638	7,118	171
Hawkins.....	180	207	225	8.70	4,711	5,277	5,635	63	Cameron.....	773	982	1,038	16.37	4,375	5,007	5,731	234
Haywood.....	75	90	100	11.11	3,506	4,250	4,658	82	Camp.....	54	69	80	15.94	6,404	8,051	9,005	47
Henderson.....	94	106	122	15.09	4,738	5,315	5,992	49	Carson.....	60	58	57	-1.72	9,368	8,804	8,320	89
Henry.....	146	168	195	16.07	5,631	6,403	7,423	10	Cass.....	139	158	180	13.92	5,241	5,553	6,572	206
Hickman.....	64	75	86	14.67	4,585	5,263	5,854	53	Castro.....	66	78	78	21.88	6,245	6,052	7,348	157
Houston.....	30	34	39	14.71	4,607	5,097	5,867	52	Chambers.....	101	115	141	22.61	7,259	7,869	9,220	37
Humphreys.....	77	92	105	14.13	5,110	5,887	6,641	28	Cherokee.....	221	255	297	16.47	6,826	7,857	9,098	42
Jackson.....	29	33	39	18.18	3,276	3,777	4,385	87	Childress.....	46	48	53	10.42	7,184	7,471	8,275	93
Jefferson.....	146	167	189	13.17	5,085	5,701	6,308	40	Clay.....	64	72	81	12.50	7,245	8,040	8,922	51
Johnson.....	58	63	69	9.52	4,209	4,588	4,965	73	Cochran.....	26	21	31	47.62	5,302	4,297	6,276	219
Knox.....	1,847	2,109	2,363	12.04	6,189	7,006	7,787	7	Coke.....	17	20	24	20.00	5,316	6,450	7,472	144
Lake.....	28	28	35	25.00	3,778	3,883	4,774	79	Coleman.....	54	63	71	12.70	5,296	6,196	6,933	182
Lauderdale.....	96	110	129	17.27	4,212	4,799	5,700	62	Collin.....	758	937	1,125	20.06	7,418	8,459	9,492	25
Lawrence.....	163	190	222	16.84	4,895	5,668	6,523	33	Collingsworth.....	27	22	29	31.82	6,112	4,975	6,740	195
Lewis.....	36	40	44	10.00	4,169	4,729	5,058	72	Colorado.....	118	127	154	21.26	6,826	7,291	8,625	76
Lincoln.....	117	132	154	16.67	4,569	5,164	5,924	51	Comal.....	215	245	287	17.14	6,920	7,644	8,614	77
Loudon.....	146	164	184	12.20	5,447	5,989	6,593	29	Comanche.....	67	84	100	19.05	5,590	6,995	8,066	108
McMinn.....	194	218	251	15.14	4,893	5,498	6,283	42	Concho.....	17	18	22	22.22	6,127	6,519	7,545	139
McNairy.....	95	109	124	13.76	4,541	5,135	5,751	58	Cooke.....	167	197	227	15.23	6,798	8,000	9,006	46
Macon.....	72	88	94	6.82	4,931	5,855	6,095	44	Coytleville.....	275	300	296	-1.33	5,751	6,317	6,442	212
Madison.....	424	452	517	14.38	5,016	6,346	7,104	16	Cottle.....	23	22	29	31.82	7,887	7,325	9,778	19
Marion.....	115	134	147	9.70	5,067	5,814	6,575	30	Crane.....	31	35	38	8.57	7,238	8,202	8,744	65
Marshall.....	104	120	141	17.50	5,667	6,553	7,552	9	Crockett.....	26	37	41	10.81	6,298	8,298	9,265	35
Maury.....	280	325	365	12.31	5,888	6,794	7,572	8	Crosby.....	43	53	71	33.96	5,001	6,255	8,490	82
Meigs.....	30	36	40	11.11	4,489	5,162	5,814	54	Culberson.....	18	18	21	16.67	5,010	4,955	5,494	237
Monroe.....	104	117	132	12.82	3,912	4,336	4,757	80	Dallam.....	55	52	56	7.69	8,212	7,812	8,267	94
Montgomery.....	432	483	530	9.73	5,456	6,202	6,716	26	Dallas.....	12,014	13,870	16,117	16.20	8,193	9,338	10,647	8
Moore.....	19	23	26	13.04	4,854	5,665	6,235	43	Dawson.....	83	83	107	28.92	5,205	5,275	6,962	180
Morgan.....	50	56	66	17.86	3,240	3,601	4,225	90	Deaf Smith.....	172	170	176	3.53	8,533	8,436	8,598	78
Obion.....	192	219	245	11.87	5,766	6,561	7,285	11	Delta.....	24	28	31	10.71	5,135	6,153	6,945	181
Overton.....	61	71	82	15.49	3,710	4,202	4,848	78	Denton.....	705	845	1,010	19.53	7,085	8,003	9,088	44
Perry.....	22	27	30	11.11	3,696	4,454	4,911	77	De Witt.....	93	109	126	15.60	4,961	5,890	6,778	193
Pickett.....	15	14	16	14.29	3,660	3,265	3,723	95	Dickens.....	23	18	26	44.44	6,240	5,086	7,767	129
Polk.....	60	68	75	10.29	4,642	5,216	5,785	55	Dimmit.....	42	47	53	12.77	3,798	4,163	4,657	248
Putnam.....	197	230	261	13.48	4,736	5,469	6,052	45	Donley.....	30	30	36	20.00	8,076	8,099	10,182	12
Rhea.....	122	143	158	10.49	5,578	6,385	6,782	23	Duval.....	45	52	65	25.00	3,741	4,329	5,437	238
Roane.....	223	258	295	14.34	5,167	5,882	6,536	32	Eastland.....	102	120	138	15.00	5,493	6,496	7,389	150
Robertson.....	182	207	226	9.18	5,528	6,302	6,803	22	Ector.....								

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Hardin.....	217	256	287	12.11	5,840	6,645	7,210	164	Reagan.....	29	32	35	9.38	8,170	8,970	9,422	26
Harris.....	18,325	21,554	25,038	16.16	8,623	9,840	11,002	6	Real.....	9	12	13	8.33	4,227	5,172	5,428	239
Harrison.....	264	308	348	12.99	5,773	6,631	7,362	155	Red River.....	66	76	85	11.84	4,609	5,304	6,027	222
Hartley.....	49	18	13	-27.78	8,607	5,469	3,859	251	Reeves.....	71	68	90	32.35	4,503	4,402	5,798	231
Haskell.....	49	38	54	42.11	6,318	4,934	7,017	176	Refugio.....	50	68	77	13.24	5,526	7,419	8,152	102
Hays.....	108	191	219	14.66	4,880	5,443	6,009	224	Roberts.....	12	7	4	-42.86	11,574	6,250	3,693	252
Hemphill.....	35	36	42	16.67	8,733	8,896	10,134	15	Robertson.....	72	84	97	15.48	5,111	5,977	6,856	187
Henderson.....	182	214	246	14.95	5,489	6,196	6,872	186	Rockwall.....	82	98	120	22.45	8,285	9,224	10,139	14
Hidalgo.....	937	1,043	1,213	16.30	4,003	4,389	5,024	246	Runnels.....	67	72	79	9.72	5,878	6,348	6,846	188
Hill.....	133	157	180	14.65	5,973	7,055	7,830	123	Rusk.....	227	264	308	16.67	6,063	6,953	8,090	104
Hockley.....	142	121	162	33.88	6,745	5,558	7,285	159	Sabine.....	37	45	50	11.11	4,991	5,924	6,566	207
Hood.....	81	99	118	19.19	7,130	7,863	8,847	59	San Augustine.....	42	50	58	16.00	4,894	5,895	6,767	194
Hopkins.....	132	152	182	19.74	5,870	6,715	7,818	124	San Jacinto.....	37	44	52	18.18	4,145	4,566	5,059	244
Houston.....	95	113	134	18.58	5,045	5,872	6,812	192	San Patricio.....	285	336	406	20.83	5,443	6,328	7,387	151
Howard.....	224	237	266	12.24	6,048	6,991	8,067	107	San Saba.....	24	31	36	16.13	4,588	5,772	6,843	189
Hudspeth.....	17	15	19	26.67	5,962	5,572	6,695	199	Schleicher.....	15	18	22	22.22	5,523	6,750	7,720	131
Hunt.....	308	353	397	12.46	6,198	7,067	7,786	126	Scurry.....	122	122	145	18.85	6,879	6,854	8,176	100
Hutchinson.....	195	216	239	10.65	7,619	8,327	8,952	48	Schackelford.....	25	30	35	16.67	7,443	8,962	10,180	13
Irion.....	6	10	12	20.00	5,124	7,602	9,872	18	Shelby.....	105	126	152	20.63	5,144	6,155	7,491	143
Jack.....	42	53	59	11.32	6,347	7,811	8,463	84	Sherman.....	35	25	22	-12.00	9,105	6,657	5,980	225
Jackson.....	88	88	104	18.18	6,778	6,694	7,630	133	Smith.....	815	931	1,081	16.11	7,294	8,146	9,127	40
Jasper.....	162	186	210	12.90	5,807	6,536	7,134	169	Somervell.....	25	30	37	23.33	6,761	7,928	9,427	23
Jeff Davis.....	7	9	10	11.11	4,854	5,997	6,606	203	Starr.....	58	67	82	22.39	2,682	3,014	3,640	254
Jefferson.....	1,876	2,065	2,321	12.40	7,597	8,379	9,300	32	Stephens.....	59	69	80	15.94	6,711	7,595	8,749	63
Jim Hogg.....	21	27	34	25.93	4,473	5,683	6,681	200	Sterling.....	6	8	9	12.50	5,506	7,042	7,805	125
Jim Wells.....	176	202	241	19.31	5,161	5,865	6,814	191	Stonewall.....	12	15	16	6.67	5,350	6,627	7,010	177
Johnson.....	368	430	508	18.14	6,261	7,118	8,016	113	Sutton.....	31	38	46	21.05	6,354	7,681	9,420	27
Jones.....	101	105	121	15.24	6,198	6,458	7,383	152	Swisher.....	76	74	80	8.11	7,542	7,297	8,057	109
Karnes.....	61	75	88	17.33	4,879	5,950	6,909	185	Tarrant.....	5,825	6,581	7,662	16.43	7,477	8,308	9,350	30
Kaufman.....	215	253	296	17.00	6,108	7,022	7,904	119	Taylor.....	710	823	941	14.34	6,785	7,822	8,883	55
Kendall.....	72	84	98	16.67	8,019	9,179	10,207	11	Terrell.....	13	15	18	20.00	7,424	8,874	10,771	7
Kenedy.....	3	5	6	20.00	4,807	8,311	11,957	4	Terry.....	103	83	115	38.55	7,501	6,025	8,466	83
Kent.....	5	4	6	50.00	4,161	3,652	5,054	245	Throckmorton.....	12	19	17	-10.53	5,771	8,524	7,935	118
Kerr.....	181	210	241	14.76	7,975	9,013	10,081	16	Titus.....	135	156	183	17.31	7,142	8,179	9,378	28
Kimble.....	22	28	32	14.29	5,570	7,134	8,021	111	Tom Green.....	531	613	697	13.70	6,927	7,906	8,766	61
King.....	1	3	3	2.77	8,574	7,127	127	170	Travis.....	2,644	3,021	3,457	14.43	6,954	7,826	8,928	50
Kinney.....	10	13	13	4.53	6,100	5,962	6,962	227	Trinity.....	39	46	52	13.04	4,907	5,726	6,394	214
Kleberg.....	177	202	229	13.37	5,417	6,163	6,978	179	Tyler.....	74	85	98	15.29	5,062	5,651	6,449	211
Knox.....	35	38	41	7.89	6,317	6,893	8,085	105	Upshur.....	130	154	176	14.29	5,317	6,083	6,722	196
Lamar.....	217	248	276	11.29	5,685	6,547	7,226	163	Upton.....	32	36	41	13.89	6,871	7,964	9,093	43
Lamb.....	126	115	154	33.91	7,236	6,536	8,506	81	Uvalde.....	115	125	142	13.60	5,776	6,166	6,923	183
Lampasas.....	65	74	84	13.51	5,614	6,283	7,409	148	Val Verde.....	146	172	190	10.47	4,569	5,350	5,764	233
La Salle.....	17	21	22	4.76	3,050	3,706	4,010	250	Van Zandt.....	154	176	206	17.05	5,598	6,363	7,191	165
Lavaca.....	97	112	131	16.96	5,514	6,380	7,399	149	Victoria.....	424	499	572	14.63	7,000	7,983	8,733	67
Lee.....	55	69	85	23.19	6,267	7,597	9,142	39	Walker.....	166	195	218	11.79	4,878	5,532	5,959	228
Leon.....	47	55	66	20.00	5,195	6,050	6,980	178	Waller.....	87	100	115	15.00	5,464	6,099	7,227	162
Liberty.....	264	310	376	21.29	6,490	7,373	8,629	75	Ward.....	81	95	109	14.74	6,517	7,464	8,420	86
Limestone.....	91	109	118	8.26	5,004	6,022	6,599	204	Washington.....	130	154	180	16.88	6,543	7,664	8,737	66
Lipscomb.....	24	28	31	10.71	6,589	7,651	8,070	106	Webb.....	343	392	452	15.31	4,026	4,529	5,106	242
Live Oak.....	36	42	51	21.43	5,322	6,004	7,046	175	Wharton.....	244	264	312	18.18	6,569	7,072	8,194	97
Llano.....	68	81	94	16.05	7,508	8,905	9,892	17	Wheeler.....	52	64	78	21.88	8,485	10,342	12,279	3
Loving.....	1	2	2	10.274	16,186	17,882	17,882	1	Wichita.....	877	986	1,106	12.17	7,181	8,187	9,289	33
Lubbock.....	1,330	1,464	1,669	14.00	6,642	7,220	8,143	103	Wilbarger.....	104	114	130	14.04	6,968	7,686	8,699	70
Lynn.....	36	30	50	66.67	4,038	3,303	5,866	229	Willacy.....	69	74	88	18.92	4,166	4,520	5,388	240
McCulloch.....	52	58	63	8.62	6,209	6,931	7,447	146	Williamson.....	343	418	493	17.94	6,437	7,088	7,785	127
McLennan.....	1,041	1,183	1,332	12.60	6,527	7,353	8,213	95	Wilson.....	58	71	84	18.31	4,155	4,986	5,821	230
McMullen.....	5	6	7	16.67	6,425	7,852	8,852	57	Winkler.....	61	70	80	14.29	6,378	7,370	8,307	90
Madison.....	48	58	75	29.31	5,413	6,315	7,841	122	Wise.....	129	157	183	16.56	5,841	6,884	7,774	128
Marion.....	38	44	50	13.64	4,402	4,980	5,583	235	Wood.....	135	158	186	17.72	6,169	7,163	8,194	99
Martin.....	24	23	30	30.43	4,744	4,986	6,468	209	Yoakum.....	59	54	68	25.93	8,065	7,25,		

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Washington.....	88	106	124	16.98	4,462	4,987	5,307	20	Pittsylvania.....	293	332	369	11.14	4,641	5,219	5,764	118
Wayne.....	7	9	11	22.22	3,958	4,836	5,360	19	Powhatan.....	53	64	73	14.06	4,502	5,108	5,746	120
Weber.....	834	939	1,056	12.46	6,131	6,802	7,648	3	Prince Edward.....	77	85	95	11.76	4,745	5,360	5,994	109
Vermont.....	2,815	3,201	3,622	13.15	5,840	6,568	7,343	-----	Prince George.....	123	137	154	12.41	5,497	6,188	6,964	70
SMSA counties.....	667	771	890	15.43	6,076	6,908	7,876	-----	Prince William.....	888	1,020	1,149	12.65	6,825	7,476	8,343	32
Non-SMSA counties.....	2,148	2,430	2,732	12.43	5,771	6,467	7,185	-----	Pulaski.....	171	197	227	15.23	5,263	5,958	6,866	72
Addison.....	141	164	189	15.24	5,299	6,090	6,816	7	Rappahannock.....	31	36	42	16.67	5,338	6,113	6,896	71
Bennington.....	198	224	251	12.05	6,243	7,067	7,854	3	Richmond.....	32	38	42	10.53	4,782	5,619	6,151	101
Caledonia.....	135	148	162	9.46	5,401	5,849	6,267	11	Roanoke.....	475	518	589	13.71	7,215	7,998	9,012	24
Chittenden.....	667	771	890	15.43	6,076	6,908	7,876	2	Rockbridge.....	77	89	107	20.22	4,610	5,291	6,468	90
Essex.....	31	34	38	11.76	4,876	5,728	6,028	13	Rockingham.....	285	332	371	11.75	5,340	6,094	6,832	73
Franklin.....	172	199	226	13.57	5,216	6,019	6,776	8	Russell.....	135	150	189	26.00	4,912	5,296	6,528	88
Grand Isle.....	21	24	27	12.50	4,929	5,759	6,224	12	Scott.....	118	135	153	13.33	4,752	5,453	6,102	104
Lamoille.....	85	95	107	12.63	5,521	6,141	6,768	9	Shenandoah.....	137	162	182	12.35	5,184	6,001	6,691	78
Orange.....	108	120	136	13.33	5,269	5,849	6,526	10	Smyth.....	143	166	190	14.46	4,409	5,102	5,864	114
Orleans.....	106	122	136	11.48	4,778	5,445	5,966	14	Southampton.....	84	98	111	13.27	4,428	5,053	5,839	115
Rutland.....	327	370	421	13.78	5,859	6,538	7,429	5	Spotsylvania.....	139	167	188	12.57	5,155	5,675	6,031	107
Washington.....	309	348	388	11.49	6,266	6,987	7,777	4	Stafford.....	214	255	296	16.08	6,123	6,770	7,515	52
Windham.....	210	236	262	11.02	6,028	6,633	7,341	6	Surry.....	26	29	33	13.79	4,477	4,951	5,929	110
Windsor.....	306	347	389	12.10	6,448	7,164	7,939	1	Sussex.....	54	62	69	11.29	4,874	5,669	6,342	94
Virginia.....	35,432	39,687	44,631	12.46	6,955	7,666	8,588	-----	Tazewell.....	294	315	377	19.68	6,044	6,356	7,615	47
SMSA counties.....	25,960	28,923	32,306	11.70	7,766	8,523	9,484	-----	Warren.....	110	124	139	12.10	5,755	6,277	7,188	66
Non-SMSA counties.....	9,472	10,764	12,324	14.49	5,408	6,037	6,884	-----	Washington.....	198	226	255	12.83	4,833	5,396	6,059	105
Accomack.....	155	183	208	13.66	4,960	5,774	6,548	86	Westmoreland.....	63	72	82	13.89	4,654	5,237	5,908	112
Albemarle.....	288	331	381	15.11	5,890	6,633	7,501	54	Wise.....	255	291	358	23.02	5,844	6,513	8,101	38
Alleghany.....	57	66	77	16.67	4,540	5,113	5,895	113	Wythe.....	120	137	161	17.52	5,088	5,635	6,628	80
Amelia.....	38	45	51	13.33	4,423	5,251	5,921	111	York.....	205	231	260	12.55	6,242	6,810	7,412	61
Amherst.....	135	155	183	18.06	4,930	5,530	6,389	93	Independent cities:								
Appomattox.....	60	69	79	14.49	5,245	5,943	6,574	85	Alexandria.....	1,162	1,287	1,401	8.86	11,144	12,397	13,969	3
Arlington.....	2,008	2,176	2,404	10.48	13,154	14,424	16,027	1	Bedford City.....	46	52	60	15.38	7,484	8,127	9,636	13
Augusta.....	252	290	333	14.83	4,868	5,554	6,275	97	Bristol.....	119	133	150	12.78	5,770	6,428	7,213	65
Bath.....	27	36	43	19.44	5,314	6,005	7,454	59	Buena Vista.....	33	38	45	18.42	4,975	5,724	6,621	82
Bedford.....	172	195	223	14.36	5,702	6,185	6,804	74	Charlottesville.....	300	333	374	12.31	7,507	8,470	9,647	12
Bland.....	25	27	31	14.81	4,139	4,364	4,985	133	Chesapeake.....	643	729	816	11.93	5,798	6,450	7,251	64
Botetourt.....	113	127	146	14.96	5,330	5,857	6,624	81	Clifton Forge.....	34	40	44	10.00	7,005	8,032	9,157	19
Brunswick.....	69	78	85	8.97	4,363	4,919	5,336	128	Colonial Heights.....	138	153	168	9.80	8,171	8,846	10,050	10
Buchanan.....	214	226	277	22.57	5,933	6,323	7,817	45	Covington.....	67	74	83	12.16	7,446	8,188	9,156	20
Buckingham.....	44	51	59	15.69	3,975	4,458	5,055	132	Danville.....	297	326	372	14.11	6,645	7,267	8,261	34
Campbell.....	262	296	335	13.18	6,022	6,643	7,479	55	Emporia.....	34	39	46	17.95	6,847	7,757	8,923	27
Caroline.....	88	101	111	9.90	5,252	5,923	6,417	92	Fairfax City.....	217	234	259	10.68	10,325	11,282	12,694	4
Carroll.....	107	122	140	14.75	4,452	5,086	5,808	116	Falls Church.....	118	129	142	10.08	12,541	13,773	15,480	2
Charles City.....	26	29	32	10.34	3,917	4,286	4,981	134	Franklin.....	55	61	68	11.48	8,034	8,447	9,394	17
Charlotte.....	55	61	69	13.11	4,423	4,819	5,534	125	Fredericksburg.....	134	150	167	11.33	7,724	8,522	9,588	14
Chesterfield.....	911	1,052	1,220	15.97	7,483	8,221	9,101	22	Galax.....	46	52	59	13.46	6,964	7,740	8,969	26
Clarke.....	55	66	76	15.15	6,219	7,233	8,264	33	Hampton.....	818	886	972	9.71	6,474	7,067	7,875	41
Craig.....	18	20	24	20.00	4,493	4,994	5,661	122	Harrisonburg.....	114	126	143	13.49	6,096	6,633	7,506	53
Culpeper.....	120	142	165	16.20	5,597	6,389	7,476	56	Hopewell.....	155	171	188	9.94	6,542	7,136	8,114	37
Cumberland.....	27	31	35	12.90	3,806	4,312	4,834	135	Lexington.....	43	49	58	18.37	5,574	6,466	7,552	48
Dickenson.....	95	98	128	30.61	4,829	4,941	6,340	95	Lynchburg.....	437	494	558	12.96	6,869	7,663	8,669	28
Dinwiddie.....	112	129	141	9.30	5,368	6,070	6,798	75	Manassas.....	116	131	151	15.27	8,977	9,966	11,077	6
Essex.....	36	44	49	11.36	4,485	5,391	6,121	103	Manassas Park.....	51	58	66	13.79	5,922	6,556	7,816	63
Fairfax.....	5,377	5,985	6,689	11.76	10,080	10,858	11,909	5	Martinsville.....	137	151	169	11.92	7,701	8,363	9,316	18
Fauquier.....	207	239	272	13.81	6,840	7,611	8,573	29	Newport News.....	941	1,020	1,124	10.20	6,585	7,067	7,841	42
Floyd.....	45	52	60	15.38	4,280	4,776	5,617	123	Norfolk.....	1,703	1,847	2,029	9.85	6,208	6,800	7,463	58
Fluvanna.....	48	53	62	16.98	4,986	5,293	6,140	102	Norton.....	34	38	44	15.79	7,693	8,571	9,785	11
Franklin.....	161	186	209	12.37	4,945	5,626	6,208	99	Petersburg.....	276	306	342	11.76	6,341	7,073	7,978	39
Frederick.....	171	200	230	15.00	6,135	6,933	7,833	44	Poquoson.....	46	54	61	12.96	5,430	5,911	6,466	91
Giles.....	87	97	109	12.37	5,241	5,767	6,543	87	Portsmouth.....	659	732	801	9.43	6,105	6,752	7,466	57
Gloucester.....	110	126	141	11.90	6,324	6,918	7,542	49	Radford.....	70	77	89	15.58	5,659	6,164	7,182	67
Goochland.....	65																

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			Per- cent change 1978-79	Dollars			Rank in State 1979		Millions of dollars			Per- cent change 1978-79	Dollars			Rank in State 1979
	1977	1978	1979		1977	1978	1979			1977	1978	1979		1977	1978	1979	
Lincoln	87	109	115	5.50	8,871	11,110	11,362	1	Dodge	453	511	595	16.44	6,178	6,911	8,029	21
Mason	174	201	226	17.41	6,879	7,709	8,555	23	Door	150	177	202	14.12	6,209	7,184	8,074	20
Okanogan	193	235	250	6.38	6,677	7,998	8,252	27	Douglas	256	291	335	15.12	5,707	6,595	7,686	28
Pacific	117	135	151	11.85	7,209	8,235	9,146	12	Dunn	158	179	215	20.11	4,872	5,370	6,238	60
Pend Oreille	39	42	50	19.05	4,782	5,076	5,896	39	Eau Claire	450	502	557	10.96	6,104	6,640	7,250	34
Pierce	2,993	3,456	3,960	14.58	7,023	7,878	8,779	18	Florence	18	20	23	15.00	4,463	5,237	5,985	65
San Juan	50	58	68	17.24	8,120	8,533	9,090	14	Fond Du Lac	560	623	717	15.09	6,324	7,006	8,079	19
Skagit	418	481	558	16.01	7,341	8,175	9,155	11	Forest	35	38	44	15.79	4,088	4,379	5,031	71
Skamania	39	45	53	17.78	6,475	7,461	8,014	30	Grant	292	318	375	17.92	5,685	6,240	7,413	30
Snohomish	1,874	2,227	2,712	21.78	6,794	7,656	8,720	19	Green	203	227	268	18.06	7,010	7,767	9,011	6
Spokane	2,153	2,465	2,784	12.94	6,877	7,685	8,485	24	Green Lake	116	131	151	15.27	6,650	7,440	8,435	14
Stevens	140	166	200	20.48	5,915	6,572	7,340	36	Iowa	99	109	130	19.27	5,034	5,667	6,845	44
Thurston	804	945	1,112	17.67	7,586	8,404	9,312	7	Iron	33	37	41	10.81	4,805	5,556	6,536	54
Wahkiakum	25	28	31	10.71	6,526	7,292	8,399	25	Jackson	85	96	111	15.63	5,288	5,673	6,444	56
Walla Walla	287	345	406	17.68	6,621	7,968	9,051	15	Jefferson	417	466	539	15.67	6,422	7,160	8,270	16
Whatcom	648	746	859	15.15	6,889	7,681	8,612	22	Juneau	103	116	134	15.52	5,277	5,790	6,629	50
Whitman	209	276	283	2.54	5,403	7,355	7,558	34	Kenosha	881	993	1,154	16.21	7,176	7,994	9,095	5
Yakima	1,018	1,223	1,355	10.79	6,427	7,636	8,326	26	Kewaunee	108	126	146	15.87	5,347	6,159	7,160	36
West Virginia	11,140	12,262	13,898	13.34	6,011	6,589	7,402	-----	La Crosse	561	632	723	14.40	6,358	6,892	7,708	25
SMSA counties	4,686	5,184	5,801	11.90	6,996	7,717	8,552	-----	Lafayette	101	110	135	22.73	5,587	6,189	7,656	27
Non-SMSA counties	6,454	7,078	8,098	14.41	5,454	5,952	6,751	-----	Langlade	96	108	122	12.96	4,899	5,445	6,230	61
Barbour	81	87	101	16.09	5,011	5,375	6,125	35	Lincoln	140	159	177	11.32	5,472	6,152	6,907	41
Berkeley	251	280	321	14.64	5,969	6,656	7,504	13	Manitowoc	522	586	669	14.16	6,315	7,043	7,937	23
Boone	159	178	210	17.98	5,366	5,961	6,923	20	Marathon	655	744	838	12.63	6,136	6,843	7,591	28
Braxton	52	56	65	16.07	3,956	4,278	4,832	52	Marquette	210	240	278	15.83	5,382	6,112	7,091	37
Brooke	201	219	248	13.24	6,546	7,274	8,219	5	Marquette	54	60	69	15.00	5,012	5,419	6,281	59
Cabell	724	795	899	13.08	6,844	7,607	8,518	4	Milwaukee	7,751	8,513	9,455	11.07	7,746	8,638	9,630	3
Calhoun	32	37	41	10.81	4,000	4,488	5,097	49	Monroe	183	205	239	16.59	5,416	6,046	6,940	40
Clay	40	43	52	20.93	3,765	4,041	4,829	53	Oconto	143	164	187	14.02	5,189	5,766	6,579	53
Doddridge	26	28	33	17.86	3,716	3,983	4,607	55	Oneida	175	196	216	10.20	5,962	6,618	7,389	32
Fayette	297	326	373	14.42	5,369	5,834	6,650	24	Outagamie	865	967	1,120	15.82	6,775	7,472	8,590	13
Gilmer	35	39	46	17.95	4,378	4,914	5,650	42	Ozaukee	575	650	746	14.77	8,414	9,271	10,396	1
Grant	42	45	55	22.22	4,644	5,056	6,097	36	Pepin	36	41	49	19.51	4,716	5,293	6,194	62
Greenbrier	175	196	225	14.80	5,046	5,616	6,328	29	Pierce	172	194	227	17.01	5,675	6,384	7,475	29
Hampshire	59	69	80	15.94	4,318	4,940	5,684	41	Polk	162	188	219	16.49	5,293	5,988	6,906	42
Hancock	321	350	397	13.43	8,072	8,960	9,964	1	Portage	308	349	400	14.61	5,684	6,269	7,066	39
Hardy	40	44	51	15.91	4,289	4,641	5,545	43	Price	76	87	102	17.24	4,875	5,608	6,627	51
Harrison	457	497	573	15.29	5,988	6,546	7,575	11	Racine	1,278	1,443	1,633	13.17	7,252	8,120	9,128	4
Jackson	145	162	187	15.43	6,237	6,849	7,503	14	Richland	88	100	115	15.00	5,394	5,949	6,799	47
Jefferson	149	171	196	14.62	5,914	6,742	7,386	15	Rock	957	1,061	1,191	12.25	7,143	7,905	8,886	9
Kanawha	1,708	1,891	2,128	12.53	7,508	8,236	9,205	2	Rusk	68	78	90	15.38	4,497	5,206	6,082	63
Lewis	89	101	114	12.87	4,931	5,651	6,278	31	St. Croix	237	268	311	16.04	5,861	6,491	7,408	31
Lincoln	89	100	114	14.00	4,100	4,580	5,198	48	Sauk	254	287	335	16.72	6,256	7,073	8,308	15
Logan	274	304	350	15.13	5,606	6,174	7,154	19	Sawyer	52	60	69	15.00	4,406	5,032	5,633	69
McDowell	292	293	349	19.11	5,541	5,582	6,709	22	Sheboygan	694	791	904	14.29	6,903	7,552	8,923	7
Marion	406	426	491	15.26	6,297	6,814	7,601	10	Taylor	89	107	124	15.89	4,650	5,505	6,508	55
Marshall	251	278	302	8.63	6,334	7,020	7,534	12	Trempealeau	135	151	174	15.23	5,479	6,079	7,070	38
Mason	133	157	179	14.01	5,148	6,078	6,780	21	Vernon	125	140	170	21.43	4,913	5,489	6,724	48
Mercer	420	453	505	11.48	6,148	6,618	7,318	16	Vilas	75	87	97	11.49	5,181	5,763	6,382	58
Mineral	124	138	154	11.59	4,852	5,428	5,982	39	Walworth	424	479	539	12.53	6,232	6,961	7,778	24
Mingo	178	197	232	17.77	4,840	5,306	6,314	30	Washburn	64	70	79	12.86	4,924	5,337	6,014	64
Monongalia	445	490	547	11.63	6,516	7,217	8,052	7	Washington	562	651	750	15.21	7,008	7,759	8,671	11
Monroe	50	56	63	12.50	4,019	4,350	4,960	51	Waukesha	2,254	2,600	2,983	14.73	8,378	9,183	10,138	2
Morgan	47	53	59	11.32	5,062	5,692	6,170	33	Waupaca	229	257	297	15.56	5,493	6,056	6,858	43
Nicholas	144	158	177	12.03	5,470	5,930	6,465	27	Wausara	86	100	115	15.00	5,173	5,903	6,627	52
Ohio	438	478	529	10.67	7,365	8,093	9,029	3	Wineago	928	1,033	1,167	12.97	7,028	7,829	8,815	10
Pendleton	29	32	37	15.63	3,911	4,264	5,047	50	Wood	463	521	577	10.75	6,613	7,359	8,104	18
Pleasants	47	54	61	12.96	5,979	6,775	7,284	17	Shawano (Incl. Menominee)	188	217	252	16.13	4,942	5,587	6,414	57
Pocahontas	38	46	53	15.22	4,236	4,866	5,453	45	Wyoming	3,106	3,668	4,332	18.10	7,649	8,627	9,630	-----
Preston	143	159	184	15.72	5,146	5,574	6,271	32	SMSA counties	501	573	653	13.96	7,788	8,842	9	

Durable Goods Owned by Consumers in the United States, 1964-79: Revised Estimates

Revised estimates of durable goods owned by consumers in the United States for 1964-79 are shown in tables 1-4. They incorporate the revised national income and product account (NIPA) estimates of personal consumption expenditures for durable goods that were described in the December 1980 SURVEY OF CURRENT BUSINESS. The NIPA revisions mostly affect the estimates starting in 1968; estimates for 1925-63 were not revised. The 1925-63 estimates and a summary statement of methodology appeared in the March 1979 SURVEY. A more detailed statement will appear in a forthcoming volume that will present the stock estimates in greater detail.

Table 1.—Current-Dollar Gross Stock of Durable Goods Owned by Consumers, By Type, 1964-79

[Billions of dollars]

Yearend	Total	Motor vehicles ¹		Furniture and household equipment					Other			
		Autos	Other	Furniture, including mattresses and bedsprings	Kitchen and other household appliances ²	China, glassware, tableware, and utensils	Other durable house furnishings ³	Radio and television receivers, records, and musical instruments	Jewelry and watches	Ophthalmic products and orthopedic appliances	Books and maps	Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft
1964.....	431.0	167.1	6.7	63.5	42.7	20.4	42.5	28.1	22.4	5.6	12.9	19.2
1965.....	444.5	170.6	7.2	66.9	43.1	20.7	45.1	29.0	21.7	6.1	13.4	20.6
1966.....	474.9	178.0	8.2	72.8	45.2	22.1	48.7	32.5	23.3	6.7	14.4	22.9
1967.....	514.3	191.0	9.6	78.7	47.9	23.7	52.8	36.6	25.5	7.3	15.5	25.7
1968.....	564.8	207.2	11.6	86.5	51.8	26.6	56.6	41.5	29.0	7.8	16.9	29.4
1969.....	615.1	222.8	14.1	94.5	56.0	28.3	61.3	46.6	31.8	8.7	18.3	32.6
1970.....	672.1	247.3	17.3	100.8	60.6	30.1	63.9	52.2	34.1	9.8	19.7	36.4
1971.....	715.3	256.6	20.2	106.7	65.0	32.0	66.5	57.6	36.8	10.8	22.7	40.4
1972.....	770.9	272.4	25.2	112.8	69.5	35.2	70.7	63.4	40.1	11.6	24.3	45.7
1973.....	849.0	296.4	31.3	124.6	75.1	38.3	76.6	70.4	44.5	12.9	26.2	52.7
1974.....	990.9	343.7	39.2	142.0	89.6	47.4	90.3	80.6	50.9	14.7	29.7	62.8
1975.....	1,102.5	382.8	46.9	153.9	100.5	53.3	97.9	90.1	56.5	16.6	32.5	71.5
1976.....	1,209.2	423.5	57.6	162.6	110.1	56.0	106.5	99.1	61.3	18.2	35.1	79.2
1977.....	1,336.5	473.9	71.6	174.1	120.2	59.7	115.1	108.4	66.5	20.0	38.3	88.7
1978.....	1,499.4	525.6	87.5	195.7	134.7	66.5	127.7	121.8	77.1	21.6	42.1	99.2
1979.....	1,679.0	592.6	101.5	213.0	145.7	72.5	139.8	135.2	93.5	24.2	48.4	112.5

1. Includes tires, tubes, accessories, and other parts.

2. Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, air conditioners, sewing machines, vacuum cleaners, and other appliances.

3. Includes such house furnishings as floor coverings, comforters, quilts, blankets, pillows, picture frames, mirrors, art products, portable lamps, and clocks. Also includes writing equipment and hand, power, and garden tools.

Table 2.—Current-Dollar Net Stock of Durable Goods Owned by Consumers, By Type, 1964-79

[Billions of dollars]

Yearend	Total	Motor vehicles ¹		Furniture and household equipment					Other			
		Autos	Other	Furniture, including mattresses and bedsprings	Kitchen and other household appliances ²	China, glassware, tableware, and utensils	Other durable house furnishings ³	Radio and television receivers, records, and musical instruments	Jewelry and watches	Ophthalmic products and orthopedic appliances	Books and maps	Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft
1964.....	221.4	79.6	3.5	34.7	23.2	10.0	22.7	15.4	12.0	3.0	6.8	10.5
1965.....	233.1	84.2	3.9	36.8	23.5	10.4	24.5	16.4	11.8	3.2	7.2	11.4
1966.....	255.3	91.2	4.6	40.3	24.7	11.4	26.8	19.0	12.9	3.6	7.8	12.9
1967.....	279.6	99.2	5.4	43.6	26.3	12.5	29.3	22.0	14.4	3.8	8.4	14.8
1968.....	310.5	109.4	6.8	48.0	28.6	14.2	31.5	25.1	16.5	4.1	9.1	17.2
1969.....	340.1	118.9	8.5	52.4	31.1	15.2	34.1	28.1	18.2	4.6	9.9	19.2
1970.....	368.3	129.6	10.2	55.6	33.8	16.1	35.2	31.2	19.4	5.2	10.9	21.3
1971.....	390.0	133.4	12.0	58.5	36.3	17.1	36.3	33.9	20.8	5.7	12.6	23.3
1972.....	421.3	141.6	15.5	62.0	39.2	18.7	38.5	37.0	22.6	6.2	13.4	26.6
1973.....	465.4	154.1	19.4	68.7	42.7	20.4	41.9	41.0	25.1	6.8	14.3	30.8
1974.....	535.4	172.4	23.5	78.2	51.1	25.1	49.5	46.7	28.7	7.8	16.0	36.5
1975.....	585.0	184.8	27.1	84.0	56.7	27.9	53.3	52.1	31.7	8.8	17.5	41.2
1976.....	636.5	201.2	33.5	88.2	61.6	29.0	57.7	57.3	34.5	9.6	18.7	45.2
1977.....	702.3	224.2	42.1	94.2	66.9	30.8	62.4	62.6	37.4	10.5	20.5	50.5
1978.....	787.4	247.5	51.4	106.1	74.7	34.4	69.4	70.1	43.5	11.2	22.7	56.4
1979.....	874.4	274.9	57.3	115.7	79.8	37.5	76.0	77.6	52.5	12.6	26.3	64.1

1. See footnote 1, table 1.
2. See footnote 2, table 1.

3. See footnote 3, table 1.

Table 3.—Constant-Dollar Gross Stock of Durable Goods Owned by Consumers, By Type, 1964-79

[Billions of 1972 dollars]

Yearend	Total	Motor vehicles ¹		Furniture and household equipment					Other			
		Autos	Other	Furniture, including mattresses and bedsprings	Kitchen and other household appliances ²	China, glassware, tableware, and utensils	Other durable house furnishings ³	Radio and television receivers, records, and musical instruments	Jewelry and watches	Ophthalmic products and orthopedic appliances	Books and maps	Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft
1964.....	485.4	181.1	7.3	82.2	45.3	26.7	46.0	26.1	24.2	7.6	16.5	22.3
1965.....	511.5	191.9	8.1	85.7	47.3	27.0	48.5	28.6	25.4	8.1	17.1	23.8
1966.....	539.7	199.7	9.2	89.6	49.7	27.8	51.5	32.4	27.2	8.6	17.9	26.0
1967.....	569.3	208.0	10.4	93.3	52.1	28.8	54.6	36.9	29.2	8.9	18.6	28.6
1968.....	607.8	222.0	12.4	97.1	55.0	29.8	58.0	41.9	31.3	9.3	19.4	31.6
1969.....	645.7	234.4	14.8	100.8	58.2	30.9	61.3	47.0	33.4	9.8	20.3	34.8
1970.....	680.0	243.7	17.1	104.1	61.5	31.9	64.2	52.3	35.3	10.5	21.7	37.8
1971.....	721.6	258.9	20.4	107.5	65.1	32.9	67.0	57.6	37.4	10.9	23.0	40.9
1972.....	770.1	275.4	25.4	111.8	69.5	34.0	70.3	63.5	39.5	11.5	24.0	45.2
1973.....	826.5	294.8	31.1	116.7	74.7	35.2	74.3	70.4	42.1	12.1	25.1	50.0
1974.....	873.4	308.0	35.2	120.9	79.7	36.2	78.3	77.3	44.7	12.8	26.0	54.3
1975.....	918.3	321.6	39.4	124.1	83.8	36.7	81.7	84.8	47.2	13.4	27.1	58.5
1976.....	969.9	338.1	45.9	127.5	88.0	37.3	85.2	93.1	50.1	14.0	27.9	62.9
1977.....	1,026.5	354.9	53.6	131.4	92.6	38.0	89.3	102.0	53.3	14.5	29.1	67.8
1978.....	1,087.1	372.4	61.9	136.0	97.5	38.8	93.7	111.2	56.8	14.9	30.5	73.4
1979.....	1,144.6	389.8	66.7	140.6	101.2	39.6	98.3	121.1	60.1	15.6	32.2	79.4

1. See footnote 1, table 1.
2. See footnote 2, table 1.

3. See footnote 3, table 1.

Table 4.—Constant-Dollar Net Stock of Durable Goods Owned by Consumers, By Type, 1964-79

[Billions of 1972 dollars]

Yearend	Total	Motor vehicles ¹		Furniture and household equipment					Other			
		Autos	Other	Furniture, including mattresses and bedsprings	Kitchen and other household appliances ²	China, glassware, tableware, and utensils	Other durable house furnishings ³	Radio and television receivers, records, and musical instruments	Jewelry and watches	Ophthalmic products and orthopedic appliances	Books and maps	Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft
1964.....	249.6	86.3	3.8	45.0	24.6	13.1	24.6	14.3	13.0	4.0	8.7	12.2
1965.....	268.3	94.7	4.4	47.2	25.7	13.6	26.3	16.2	13.8	4.3	9.1	13.1
1966.....	289.9	102.3	5.2	49.6	27.2	14.3	28.4	19.0	15.1	4.6	9.7	14.7
1967.....	309.4	108.0	5.9	51.7	28.6	15.2	30.3	22.2	16.4	4.7	10.1	16.4
1968.....	334.0	117.2	7.3	53.9	30.4	15.9	32.3	25.3	17.9	4.9	10.5	18.5
1969.....	356.9	125.0	8.9	55.8	32.3	16.6	34.1	28.3	19.1	5.2	11.0	20.5
1970.....	372.9	127.7	10.1	57.4	34.3	17.1	35.3	31.3	20.1	5.6	12.0	22.1
1971.....	393.4	134.6	12.1	59.0	36.4	17.6	36.5	33.9	21.1	5.8	12.7	23.6
1972.....	420.8	143.2	15.7	61.4	39.2	18.1	38.2	37.1	22.2	6.1	13.2	26.3
1973.....	453.0	153.2	19.3	64.4	42.5	18.8	40.7	41.0	23.7	6.4	13.7	29.3
1974.....	472.0	154.5	21.0	66.5	45.5	19.2	42.9	44.9	25.2	6.8	14.1	31.5
1975.....	487.6	155.2	22.8	67.7	47.3	19.2	44.5	49.1	26.5	7.1	14.6	33.7
1976.....	511.3	160.6	26.7	69.1	49.2	19.3	46.2	53.8	28.2	7.3	14.9	35.9
1977.....	540.9	168.1	31.5	71.1	51.5	19.6	48.4	59.0	30.0	7.6	15.5	38.6
1978.....	572.5	175.4	36.4	73.7	54.1	20.0	50.9	64.0	32.0	7.8	16.4	41.8
1979.....	598.3	180.8	37.6	76.3	55.4	20.5	53.4	69.5	33.7	8.1	17.5	45.2

1. See footnote 1, table 1.
2. See footnote 2, table 1.

3. See footnote 3, table 1.

Alternative Estimates of Capital Consumption and Profits of Nonfinancial Corporations, 1929-79: Revised Estimates

Revised estimates of capital consumption and profits of nonfinancial corporations for 1929-79, based on alternative depreciation formulas and service lives and valued at historical and current cost, are shown in tables 1-3. They incorporate the revised national income and product account (NIPA) estimates that were described in the December 1980 SURVEY OF CURRENT BUSINESS. The depreciation formulas used are straight-line and double-declining balance; service lives used are 100 percent of Internal Revenue Service Bulletin F (F), 85 percent of Bulletin F (.85F), 75 percent of Bulletin F (.75F), and 100 percent of Bulletin F through 1940 with a gradual decrease to 75 percent of Bulletin F in 1960 (F to .75F). A statement of methodology appeared in the March 1976 SURVEY.

Table 1.—Capital Consumption Allowances, Nonfinancial Corporations: National Income and Product Account Estimates and Estimates Based on Alternative Methods of Depreciation, 1929-79

		[Billions of dollars]																
Line		1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
1	Capital consumption allowances, NIPA ¹	4.1	4.2	4.2	3.9	3.7	3.5	3.5	3.5	3.5	3.6	3.6	3.7	4.1	5.0	5.3	6.0	6.3
2	Capital consumption allowances with capital consumption adjustment, NIPA ²	5.5	5.4	5.0	4.5	4.3	4.4	4.4	4.4	4.8	4.9	4.8	4.9	5.4	6.1	6.2	6.3	6.5
	Capital consumption allowances with capital consumption adjustment, alternative methods of depreciation:																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
3	F service lives.....	4.4	4.5	4.6	4.5	4.4	4.3	4.3	4.3	4.4	4.4	4.4	4.5	4.6	4.7	4.7	4.7	4.9
4	.85F service lives.....	4.6	4.8	4.8	4.8	4.6	4.5	4.4	4.4	4.5	4.5	4.5	4.5	4.7	4.7	4.8	4.7	4.9
5	.75F service lives.....	4.9	5.0	5.0	4.9	4.8	4.6	4.5	4.4	4.5	4.5	4.5	4.5	4.7	4.8	4.8	4.8	5.0
6	F to .75F service lives.....	4.4	4.5	4.6	4.5	4.4	4.3	4.3	4.3	4.4	4.4	4.4	4.5	4.6	4.7	4.7	4.7	4.9
	Double-declining balance depreciation:																	
7	F service lives.....	4.8	4.9	4.9	4.7	4.4	4.3	4.1	4.1	4.3	4.3	4.3	4.4	4.6	4.8	4.7	4.7	5.0
8	.85F service lives.....	5.0	5.2	5.1	4.9	4.6	4.3	4.2	4.2	4.3	4.4	4.4	4.5	4.7	4.8	4.8	4.8	5.1
9	.75F service lives.....	5.2	5.4	5.3	5.0	4.6	4.3	4.2	4.2	4.3	4.4	4.4	4.5	4.7	4.9	4.8	4.8	5.2
10	F to .75F service lives.....	4.8	4.9	4.9	4.7	4.4	4.3	4.1	4.1	4.3	4.3	4.3	4.4	4.6	4.8	4.8	4.8	5.1
	Current-cost valuation:																	
	Straight-line depreciation:																	
11	F service lives.....	5.2	5.1	4.8	4.3	4.1	4.3	4.3	4.3	4.7	4.8	4.7	4.9	5.4	6.1	6.2	6.3	6.5
12	.75F service lives.....	5.5	5.4	5.1	4.5	4.2	4.3	4.3	4.3	4.7	4.7	4.7	4.8	5.3	6.0	6.1	6.1	6.4
13	F to .75F service lives.....	5.2	5.1	4.8	4.3	4.1	4.3	4.3	4.3	4.7	4.8	4.7	4.9	5.4	6.1	6.2	6.3	6.5
	Double-declining balance depreciation:																	
14	F service lives.....	5.5	5.3	5.0	4.3	4.0	4.1	4.1	4.1	4.6	4.7	4.6	4.8	5.3	6.0	6.1	6.1	6.4
15	.85F service lives.....	5.6	5.5	5.1	4.4	4.0	4.1	4.0	4.1	4.6	4.6	4.5	4.8	5.3	6.0	6.0	6.1	6.4
16	.75F service lives.....	5.7	5.6	5.1	4.4	4.0	4.0	4.0	4.0	4.5	4.6	4.5	4.7	5.3	6.0	6.0	6.0	6.4
17	F to .75F service lives.....	5.5	5.3	5.0	4.3	4.0	4.1	4.1	4.1	4.6	4.7	4.6	4.8	5.3	6.0	6.1	6.1	6.5
		1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
1	Capital consumption allowances, NIPA ¹	4.6	5.7	6.9	7.8	8.7	10.1	11.3	12.9	14.7	17.1	18.6	20.4	21.6	23.1	24.7	26.0	29.7
2	Capital consumption allowances with capital consumption adjustment, NIPA ²	7.6	9.3	10.9	11.7	12.6	14.6	15.8	16.8	17.9	19.1	21.8	23.8	24.8	25.8	26.8	27.5	28.4
	Capital consumption allowances with capital consumption adjustment, alternative methods of depreciation:																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
3	F service lives.....	5.4	6.0	6.8	7.6	8.4	9.4	10.4	11.4	12.6	13.7	15.1	16.4	17.6	18.7	19.9	21.1	22.3
4	.85F service lives.....	5.5	6.2	7.1	8.1	9.0	10.0	11.2	12.3	13.6	14.8	16.2	17.6	18.9	20.1	21.4	22.6	23.9
5	.75F service lives.....	5.6	6.4	7.4	8.5	9.5	10.6	11.8	13.1	14.4	15.6	17.1	18.6	20.0	21.2	22.5	23.8	25.1
6	F to .75F service lives.....	5.5	6.1	7.0	7.9	8.8	9.9	11.1	12.3	13.7	15.1	16.7	18.3	19.8	21.2	22.7	24.2	25.7
	Double-declining balance depreciation:																	
7	F service lives.....	5.8	6.7	8.0	9.0	9.9	11.0	12.2	13.4	14.6	15.9	17.4	19.1	20.4	21.4	22.6	23.8	25.0
8	.85F service lives.....	6.0	7.0	8.4	9.5	10.5	11.7	13.0	14.2	15.6	16.8	18.5	20.3	21.6	22.6	23.9	25.1	26.3
9	.75F service lives.....	6.1	7.3	8.8	10.0	10.9	12.2	13.6	14.9	16.3	17.6	19.3	21.2	22.6	23.6	24.8	26.0	27.3
10	F to .75F service lives.....	5.9	6.9	8.3	9.4	10.4	11.6	13.0	14.4	15.8	17.2	19.1	21.1	22.6	23.8	25.2	26.6	28.0
	Current-cost valuation:																	
	Straight-line depreciation:																	
11	F service lives.....	7.5	9.1	10.6	11.4	12.2	14.1	15.1	16.1	17.1	18.3	20.9	22.8	23.8	24.8	25.8	26.5	27.3
12	.75F service lives.....	7.5	9.3	10.9	11.9	12.9	15.0	16.2	17.2	18.3	19.5	22.3	24.4	25.4	26.4	27.4	28.1	29.0
13	F to .75F service lives.....	7.6	9.3	10.9	11.7	12.6	14.7	16.0	17.1	18.3	19.7	22.7	25.0	26.2	27.5	28.7	29.7	30.8
	Double-declining balance depreciation:																	
14	F service lives.....	7.7	9.6	11.4	12.3	13.1	15.2	16.3	17.3	18.3	19.6	22.4	24.6	25.5	26.4	27.3	27.9	28.8
15	.85F service lives.....	7.7	9.7	11.7	12.6	13.5	15.6	16.8	17.9	18.9	20.2	23.1	25.5	26.4	27.2	28.1	28.7	29.6
16	.75F service lives.....	7.7	9.9	11.9	12.9	13.8	16.0	17.2	18.3	19.4	20.6	23.7	26.1	27.0	27.8	28.6	29.3	30.2
17	F to .75F service lives.....	7.8	9.8	11.8	12.8	13.7	15.9	17.2	18.3	19.5	21.0	24.2	26.8	27.9	28.9	30.0	30.8	31.8

See footnotes at end of table.

Table 1.—Capital Consumption Allowances, Nonfinancial Corporations: National Income and Product Account Estimates and Estimates Based on Alternative Methods of Depreciation, 1929-79—Continued

[Billions of dollars]																		
Line		1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
1	Capital consumption allowances, NIPA ¹	31.7	33.6	36.4	39.5	42.9	46.6	51.1	54.6	58.6	65.3	70.5	77.7	85.2	91.7	105.3	117.3	133.4
2	Capital consumption allowances with capital consumption adjustment, NIPA ²	29.4	30.8	32.7	35.6	38.9	42.6	47.1	52.2	57.3	62.6	67.9	79.5	94.9	104.8	116.6	129.7	147.5
	Capital consumption allowances with capital consumption adjustment, alternative methods of depreciation:																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
3	F service lives.....	23.7	25.1	27.0	29.1	31.5	34.0	36.8	39.8	42.6	45.9	49.8	54.3	59.2	64.4	70.7	78.4	87.4
4	.85F service lives.....	25.3	26.9	28.8	31.2	33.8	36.4	39.5	42.8	45.8	49.2	53.5	58.4	63.7	69.3	76.2	84.7	94.6
5	.75F service lives.....	26.6	28.2	30.2	32.8	35.5	38.4	41.7	45.1	48.3	51.9	56.3	61.6	67.3	73.2	80.6	89.7	100.4
6	F to .75F service lives.....	27.3	29.0	31.2	33.8	36.6	39.4	42.7	46.1	49.2	52.8	57.1	62.4	68.0	73.9	81.3	90.3	101.0
	Double-declining balance depreciation:																	
7	F service lives.....	26.4	28.1	30.3	33.1	36.2	39.0	42.3	45.7	48.8	52.3	57.1	62.9	68.7	74.7	82.4	92.1	103.5
8	.85F service lives.....	27.8	29.6	31.9	35.0	38.3	41.3	44.9	48.5	51.7	55.4	60.4	66.7	73.0	79.3	87.6	98.1	110.5
9	.75F service lives.....	28.9	30.7	33.2	36.5	39.9	43.1	46.8	50.6	53.9	57.7	63.0	69.7	76.3	83.0	91.7	102.9	116.1
10	F to .75F service lives.....	29.6	31.5	34.0	37.4	40.8	43.9	47.6	51.4	54.6	58.4	63.7	70.3	76.8	83.5	92.2	103.4	116.5
	Current-cost valuation:																	
	Straight-line depreciation:																	
11	F service lives.....	28.3	29.7	31.5	34.1	37.2	40.6	44.8	49.6	54.4	58.9	64.2	75.4	90.0	99.4	110.3	124.8	141.6
12	.75F service lives.....	30.0	31.5	33.5	36.5	40.0	43.9	48.6	54.0	59.2	64.1	69.9	82.1	97.9	108.0	119.6	135.1	153.2
13	F to .75F service lives.....	32.0	33.5	35.7	38.9	42.3	46.3	51.1	56.5	61.7	66.5	72.4	84.7	100.8	110.8	122.4	138.0	156.2
	Double-declining balance depreciation:																	
14	F service lives.....	29.9	31.5	33.8	37.2	40.9	44.8	49.5	54.7	59.6	64.1	70.1	82.5	97.9	107.0	118.1	133.5	151.7
15	.85F service lives.....	30.8	32.4	34.8	38.5	42.5	46.6	51.5	57.0	62.0	66.7	72.9	85.8	101.7	110.9	122.3	138.2	157.1
16	.75F service lives.....	31.4	33.1	35.7	39.6	43.7	48.0	53.1	58.7	63.8	68.6	75.0	88.3	104.6	113.8	125.4	141.8	161.1
17	F to .75F service lives.....	33.1	34.8	37.4	41.4	45.5	49.7	54.9	60.6	65.6	70.4	76.8	90.3	106.7	115.9	127.4	143.9	163.3

1. Tax return-based capital consumption allowances.

2. Based on current cost valuation, straight-line depreciation, and .85F service lives.

Table 2.—Capital Consumption Adjustment, Nonfinancial Corporations: National Income and Product Account Estimates and Estimates Based on Alternative Methods of Depreciation, 1929-79

[Billions of dollars]																		
Line		1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
1	Capital consumption adjustment, NIPA ¹	-1.4	-1.2	-0.8	-0.6	-0.6	-0.9	-0.9	-0.9	-1.3	-1.3	-1.1	-1.2	-1.3	-1.2	-0.9	-0.3	-0.2
	Capital consumption adjustment, alternative methods of depreciation. ²																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
2	F service lives.....	-3	-3	-3	-6	-7	-8	-8	-8	-8	-8	-8	-7	-4	.3	.6	1.3	1.4
3	.85 F service lives.....	-5	-6	-6	-9	-9	-10	-9	-9	-9	-9	-9	-8	-5	.2	.5	1.2	1.4
4	.75 F service lives.....	-7	-8	-8	-10	-11	-11	-10	-9	-10	-9	-9	-8	-5	.2	.5	1.2	1.3
5	F to .75 F service lives.....	-3	-3	-3	-6	-7	-8	-8	-8	-8	-8	-8	-7	-4	.3	.6	1.3	1.4
	Double-declining balance depreciation:																	
6	F service lives.....	-7	-7	-7	-8	-7	-7	-6	-6	-7	-7	-7	-7	-5	.2	.5	1.2	1.3
7	.85 F service lives.....	-9	-10	-9	-10	-9	-8	-7	-7	-8	-8	-8	-7	-5	.1	.5	1.2	1.2
8	.75 F service lives.....	-11	-11	-10	-11	-9	-8	-7	-7	-8	-8	-8	-8	-6	.1	.5	1.2	1.1
9	F to .75 F service lives.....	-7	-7	-7	-8	-7	-7	-6	-6	-7	-7	-7	-7	-5	.2	.5	1.2	1.2
	Current-cost valuation:																	
	Straight-line depreciation:																	
10	F service lives.....	-1.1	-9	-6	-4	-4	-7	-8	-8	-1.2	-1.2	-1.1	-1.2	-1.2	-1.1	-9	-3	-2
11	.75 F service lives.....	-1.4	-1.2	-8	-6	-5	-8	-8	-8	-1.2	-1.2	-1.0	-1.1	-1.2	-1.0	-8	-2	-1
12	F to .75 F service lives.....	-1.1	-9	-6	-4	-4	-7	-8	-8	-1.2	-1.2	-1.1	-1.2	-1.2	-1.1	-9	-3	-2
	Double-declining balance depreciation:																	
13	F service lives.....	-1.3	-1.1	-7	-4	-3	-5	-5	-6	-1.0	-1.1	-1.0	-1.1	-1.2	-1.1	-8	-1	-1
14	.85 F service lives.....	-1.5	-1.3	-8	-5	-4	-5	-5	-6	-1.0	-1.0	-9	-1.0	-1.2	-1.1	-8	-1	-1
15	.75 F service lives.....	-1.6	-1.4	-9	-5	-3	-5	-5	-5	-1.0	-1.0	-9	-1.0	-1.1	-1.0	-7	0	-1
16	F to .75 F service lives.....	-1.3	-1.1	-7	-4	-3	-5	-5	-6	-1.0	-1.1	-1.0	-1.1	-1.2	-1.1	-8	-2	-2

See footnotes at end of table.

Table 2.—Capital Consumption Adjustment, Nonfinancial Corporations: National Income and Product Account Estimates and Estimates Based on Alternative Methods of Depreciation, 1929-79—Continued

[Billions of dollars]

Line		1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
1	Capital consumption adjustment, NIPA ¹	-3.0	-3.5	-4.0	-3.9	-3.9	-4.6	-4.5	-3.9	-3.2	-2.0	-3.2	-3.4	-3.2	-2.7	-2.1	-1.5	1.4
	Capital consumption adjustment, alternative methods of depreciation: ²																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
2	F service lives.....	-8	-2	.1	.2	.3	.7	.9	1.5	2.1	3.3	3.5	4.0	4.0	4.4	4.8	4.9	7.4
3	.85 F service lives.....	-9	-5	-2	-2	-3	1	1	1.1	1.1	2.3	2.4	2.8	2.6	3.0	3.3	3.4	5.8
4	.75 F service lives.....	-1.0	-7	-6	-6	-8	-5	-5	-1	3	1.5	1.5	1.8	1.6	1.9	2.2	2.2	4.6
5	F to .75 F service lives.....	-9	-4	-1	-1	-2	2	2	.6	1.0	2.0	1.9	2.1	1.8	1.9	2.0	1.8	4.0
	Double-declining balance depreciation:																	
6	F service lives.....	-1.2	-1.0	-1.1	-1.2	-1.2	-9	-9	-4	1	1.2	1.1	1.3	1.2	1.7	2.1	2.2	4.8
7	.85 F service lives.....	-1.4	-1.3	-1.5	-1.7	-1.8	-1.6	-1.7	-1.3	-9	.3	0	1	0	.4	.8	.9	3.4
8	.75 F service lives.....	-1.5	-1.5	-1.9	-2.1	-2.3	-2.1	-2.3	-2.0	-1.6	-5	-8	-8	-1.0	-5	-2	-1	2.4
9	F to .75 F service lives.....	-1.3	-1.2	-1.4	-1.6	-1.7	-1.6	-1.7	-1.4	-1.1	-1	-5	-6	-1.0	-7	-6	-7	1.7
	Current-cost valuation:																	
	Straight-line depreciation:																	
10	F service lives.....	-2.9	-3.4	-3.7	-3.5	-3.5	-4.0	-3.8	-3.1	-2.4	-1.2	-2.3	-2.4	-2.2	-1.7	-1.1	-.5	2.4
11	.75 F service lives.....	-2.9	-3.5	-4.0	-4.1	-4.2	-4.9	-4.9	-4.3	-3.6	-2.4	-3.7	-4.0	-3.8	-3.3	-2.7	-2.1	.7
12	F to .75 F service lives.....	-3.0	-3.5	-4.0	-3.9	-4.0	-4.7	-4.7	-4.2	-3.6	-2.6	-4.1	-4.6	-4.7	-4.4	-4.1	-3.7	-1.1
	Double-declining balance depreciation:																	
13	F service lives.....	-3.1	-3.8	-4.5	-4.5	-4.5	-5.1	-5.0	-4.3	-3.6	-2.5	-3.8	-4.2	-4.0	-3.3	-2.6	-2.0	.9
14	.85 F service lives.....	-3.1	-4.0	-4.8	-4.8	-4.8	-5.5	-5.5	-4.9	-4.2	-3.1	-4.6	-5.0	-4.8	-4.1	-3.4	-2.7	.1
15	.75 F service lives.....	-3.1	-4.1	-5.0	-5.1	-5.1	-5.9	-5.9	-5.3	-4.7	-3.5	-5.1	-5.7	-5.4	-4.7	-3.9	-3.3	-4.1
16	F to .75 F service lives.....	-3.2	-4.0	-4.9	-4.9	-5.0	-5.8	-5.9	-5.4	-4.8	-3.9	-5.6	-6.3	-6.3	-5.8	-5.3	-4.8	-2.1
Line		1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
1	Capital consumption adjustment, NIPA ¹	2.3	2.9	3.7	3.9	4.0	4.0	4.0	2.4	1.3	2.7	2.6	-1.8	-9.7	-13.0	-11.4	-12.4	-14.1
	Capital consumption adjustment, alternative methods of depreciation: ²																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
2	F service lives.....	8.0	8.5	9.5	10.4	11.4	12.6	14.2	14.9	16.0	19.4	20.7	23.3	26.0	27.4	34.6	38.9	46.0
3	.85 F service lives.....	6.3	6.8	7.6	8.3	9.1	10.1	11.5	11.9	12.8	16.0	17.0	19.3	21.5	22.4	29.1	32.6	38.8
4	.75 F service lives.....	5.1	5.5	6.2	6.8	7.4	8.2	9.4	9.6	10.4	13.4	14.2	16.1	17.9	18.5	24.6	27.6	33.0
5	F to .75 F service lives.....	4.3	4.6	5.2	5.7	6.3	7.1	8.3	8.5	9.4	12.5	13.3	15.3	17.2	17.8	24.0	26.9	32.4
	Double-declining balance depreciation:																	
6	F service lives.....	5.2	5.6	6.1	6.4	6.7	7.5	8.7	8.9	9.8	13.0	13.4	14.8	16.5	17.0	22.9	25.2	29.9
7	.85 F service lives.....	3.8	4.1	4.5	4.5	4.6	5.2	6.2	6.1	7.0	9.9	10.0	11.0	12.5	12.4	17.7	19.2	22.9
8	.75 F service lives.....	2.8	2.9	3.2	3.0	3.0	3.4	4.2	4.0	4.8	7.6	7.4	8.0	8.9	8.8	13.5	14.4	17.3
9	F to .75 F service lives.....	2.0	2.2	2.4	2.1	2.1	2.6	3.4	3.3	4.1	6.9	6.8	7.4	8.3	8.3	13.1	13.9	16.9
	Current-cost valuation:																	
	Straight-line depreciation:																	
10	F service lives.....	3.3	4.0	5.0	5.4	5.7	5.9	6.3	5.0	4.2	6.4	6.2	2.3	-4.8	-7.6	-5.0	-7.5	-8.2
11	.75 F service lives.....	1.6	2.2	3.0	3.0	2.9	2.6	2.4	.6	-.6	1.2	.6	-4.4	-12.8	-16.2	-14.4	-17.8	-19.8
12	F to .75 F service lives.....	-.3	.1	.8	.6	.6	.3	0	-1.9	-3.1	-1.3	-1.9	-7.0	-15.6	-19.1	-17.1	-20.7	-22.8
	Double-declining balance depreciation:																	
13	F service lives.....	1.7	2.1	2.7	2.3	2.0	1.8	1.6	-.1	-1.0	1.1	.4	-4.8	-12.7	-15.3	-12.8	-16.2	-18.2
14	.85 F service lives.....	.9	1.2	1.6	1.0	.4	0	-.4	-2.3	-3.4	-1.4	-2.4	-8.1	-16.5	-19.2	-17.0	-20.9	-23.7
15	.75 F service lives.....	.3	.5	.8	0	-.8	-1.4	-2.0	-4.1	-5.2	-3.3	-4.5	-10.7	-19.4	-22.1	-20.1	-24.5	-27.7
16	F to .75 F service lives.....	-1.4	-1.2	-1.0	-1.9	-2.6	-3.2	-3.9	-5.9	-7.0	-5.1	-6.4	-12.6	-21.5	-24.1	-22.1	-26.6	-29.9

1. Equals line 1, table 1, minus line 2, table 1.

2. Lines 2 through 16 are equal to tax return-based capital consumption allowances (line 1, table 1) minus the capital consumption allowances based on the designated valuation, depreciation formula, and service lives (lines 3 through 17, table 1). For example, line 2 equals line 1

table 1, minus line 3, table 1.

Table 3.—Corporate Profits With Inventory Valuation Adjustment, Nonfinancial Corporations:¹ National Income and Product Account Estimates and Estimates Based on Alternative Methods of Depreciation, 1929–79

[Billions of dollars]

Line		1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
1	Corporate profits before deduction of capital consumption allowances with inventory valuation adjustment, NIPA	13.0	10.6	6.1	2.5	2.2	4.9	6.3	8.2	9.4	7.5	9.0	12.3	18.1	23.9	28.1	27.9	23.6
2	Corporate profits with inventory valuation adjustment and without capital consumption adjustment, NIPA ²	8.9	6.4	1.9	-1.4	-1.5	1.4	2.8	4.7	5.8	3.9	5.3	8.6	14.0	18.9	22.8	21.9	17.3
3	Corporate profits with inventory valuation and capital consumption adjustments, NIPA ³	7.5	5.2	1.1	-2.0	-2.1	.5	2.0	3.8	4.6	2.6	4.2	7.4	12.7	17.7	21.8	21.6	17.1
	Corporate profits with inventory valuation and capital consumption adjustments, alternative methods of depreciation: ⁴																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
4	F service lives	8.6	6.1	1.6	-2.0	-2.3	.6	2.1	4.0	5.0	3.1	4.6	7.9	13.5	19.2	23.4	23.2	18.7
5	.85F service lives	8.3	5.8	1.3	-2.3	-2.5	.4	1.9	3.8	4.9	3.0	4.5	7.8	13.5	19.1	23.3	23.2	18.6
6	.75F service lives	8.1	5.6	1.1	-2.4	-2.6	.3	1.8	3.8	4.9	3.0	4.5	7.8	13.4	19.1	23.3	23.1	18.6
7	F to .75F service lives	8.6	6.1	1.6	-2.0	-2.3	.6	2.1	4.0	5.0	3.1	4.6	7.9	13.5	19.2	23.4	23.2	18.7
	Double-declining balance depreciation:																	
8	F service lives	8.2	5.6	1.2	-2.2	-2.3	.6	2.2	4.1	5.1	3.1	4.6	7.9	13.5	19.1	23.3	23.2	18.5
9	.85F service lives	8.0	5.4	1.0	-2.4	-2.4	.6	2.1	4.1	5.1	3.1	4.6	7.9	13.4	19.0	23.3	23.1	18.5
10	.75F service lives	7.8	5.2	.9	-2.5	-2.4	.5	2.1	4.1	5.1	3.1	4.6	7.9	13.4	19.0	23.3	23.1	18.4
11	F to .75F service lives	8.2	5.6	1.2	-2.2	-2.3	.6	2.2	4.1	5.1	3.1	4.6	7.9	13.5	19.1	23.3	23.1	18.5
	Current-cost valuation:																	
	Straight-line depreciation:																	
12	F service lives	7.8	5.5	1.3	-1.8	-2.0	.6	2.0	3.9	4.6	2.7	4.2	7.4	12.7	17.8	21.9	21.6	17.1
13	.75F service lives	7.5	5.2	1.1	-2.0	-2.1	.6	2.0	3.9	4.7	2.7	4.3	7.5	12.8	17.9	22.0	21.8	17.2
14	F to .75F service lives	7.8	5.5	1.3	-1.8	-2.0	.6	2.0	3.9	4.6	2.7	4.2	7.4	12.7	17.8	21.9	21.6	17.0
	Double-declining balance depreciation:																	
15	F service lives	7.5	5.2	1.2	-1.8	-1.9	.8	2.3	4.1	4.8	2.8	4.4	7.6	12.8	17.8	22.0	21.8	17.1
16	.85F service lives	7.4	5.1	1.0	-1.9	-1.9	.8	2.3	4.2	4.8	2.8	4.4	7.6	12.8	17.8	22.0	21.8	17.2
17	.75F service lives	7.3	5.0	1.0	-1.9	-1.9	.8	2.3	4.2	4.9	2.9	4.5	7.6	12.8	17.9	22.1	21.9	17.2
18	F to .75F service lives	7.5	5.2	1.2	-1.8	-1.9	.8	2.3	4.1	4.8	2.8	4.4	7.6	12.8	17.8	22.0	21.8	17.1
Line		1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
1	Corporate profits before deduction of capital consumption allowances with inventory valuation adjustment, NIPA	21.4	28.9	36.5	34.6	42.2	48.0	46.0	46.8	46.5	57.4	57.7	58.7	55.0	66.0	64.1	65.8	73.9
2	Corporate profits with inventory valuation adjustment and without capital consumption adjustment, NIPA ²	16.8	23.2	29.6	26.8	33.5	37.9	34.7	33.9	31.8	40.3	39.1	38.3	33.5	42.9	39.5	39.8	44.2
3	Corporate profits with inventory valuation and capital consumption adjustments, NIPA ³	13.8	19.7	25.6	22.9	29.6	33.4	30.2	30.0	28.6	38.3	35.9	34.9	30.2	40.1	37.4	38.3	45.6
	Corporate profits with inventory valuation and capital consumption adjustments, alternative methods of depreciation: ⁴																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
4	F service lives	16.0	23.0	29.7	27.0	33.8	38.7	35.7	35.4	33.9	43.7	42.6	42.3	37.4	47.3	44.3	44.7	51.6
5	.85F service lives	15.8	22.7	29.4	26.6	33.2	38.0	34.9	34.5	32.9	42.6	41.5	41.1	36.1	45.9	42.8	43.1	50.0
6	.75F service lives	15.7	22.5	29.1	26.2	32.7	37.4	34.2	33.8	32.1	41.8	40.6	40.1	35.1	44.8	41.6	42.0	48.8
7	F to .75F service lives	15.9	22.8	29.5	26.7	33.3	38.1	34.9	34.5	32.8	42.3	41.0	40.4	35.2	44.8	41.4	41.6	48.2
	Double-declining balance depreciation:																	
8	F service lives	15.6	22.2	28.5	25.6	32.3	37.0	33.8	33.4	31.8	41.5	40.2	39.6	34.7	44.6	41.6	42.0	49.0
9	.85F service lives	15.4	21.9	28.1	25.1	31.7	36.4	33.1	32.6	30.9	40.6	39.2	38.4	33.4	43.3	40.3	40.7	47.6
10	.75F service lives	15.3	21.6	27.7	24.7	31.2	35.8	32.5	31.9	30.2	39.8	38.3	37.5	32.5	42.4	39.3	39.7	46.6
11	F to .75F service lives	15.5	22.0	28.2	25.2	31.8	36.4	33.0	32.5	30.7	40.2	38.6	37.6	32.4	42.2	38.9	39.1	45.9
	Current-cost valuation:																	
	Straight-line depreciation:																	
12	F service lives	13.9	19.8	25.9	23.3	30.0	34.0	30.9	30.8	29.3	39.1	36.8	35.9	31.2	41.1	38.4	39.3	46.6
13	.75F service lives	13.9	19.7	25.6	22.8	29.3	33.0	29.8	29.6	28.1	37.9	35.4	34.3	29.7	39.5	36.8	37.7	44.9
14	F to .75F service lives	13.8	19.7	25.6	22.9	29.5	33.3	30.1	29.7	28.1	37.7	35.0	33.7	28.8	38.4	35.4	36.1	43.1
	Double-declining balance depreciation:																	
15	F service lives	13.7	19.4	25.1	22.3	29.0	32.9	29.7	29.6	28.1	37.9	35.3	34.1	29.5	39.5	36.9	37.8	45.1
16	.85F service lives	13.7	19.2	24.8	22.0	28.7	32.4	29.2	29.0	27.5	37.2	34.5	33.2	28.7	38.7	36.1	37.1	44.3
17	.75F service lives	13.6	19.1	24.6	21.7	28.4	32.0	28.8	28.5	27.1	36.8	34.0	32.6	28.1	38.2	35.5	36.5	43.8
18	F to .75F service lives	13.6	19.1	24.7	21.9	28.5	32.1	28.9	28.5	26.9	36.4	33.5	31.9	27.2	37.1	34.2	35.0	42.1

See footnotes at end of table.

Table 3.—Corporate Profits With Inventory Valuation Adjustment, Nonfinancial Corporations:¹ National Income and Product Account Estimates and Estimates Based on Alternative Methods of Depreciation, 1929-79—Continued

[Billions of dollars]

Line		1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
1	Corporate profits before deduction of capital consumption allowances with inventory valuation adjustment, NIPA.....	80.7	88.5	100.4	107.8	107.7	115.8	114.6	104.9	119.4	135.3	146.5	143.1	180.9	212.0	242.9	267.3	284.2
2	Corporate profits with inventory valuation adjustment and without capital consumption adjustment, NIPA ²	49.0	54.9	64.0	68.2	64.8	69.3	63.5	50.2	60.8	70.0	76.0	65.4	95.8	120.3	137.7	150.0	150.8
3	Corporate profits with inventory valuation and capital consumption adjustments, NIPA ³	51.2	57.7	67.7	72.2	68.8	73.3	67.5	52.7	62.1	72.7	78.6	63.6	86.1	107.3	126.3	137.6	136.7
	Corporate profits with inventory valuation and capital consumption adjustments, alternative methods of depreciation: ⁴																	
	Historical-cost valuation:																	
	Straight-line depreciation:																	
4	F service lives.....	57.0	63.4	73.4	78.6	76.1	81.8	77.7	65.1	76.8	89.4	96.7	88.7	121.7	147.7	172.3	188.9	196.8
5	.85F service lives.....	55.3	61.6	71.6	76.6	73.9	79.4	75.0	62.1	73.6	86.0	93.0	84.6	117.2	142.7	166.7	182.6	189.6
6	.75F service lives.....	54.1	60.3	70.2	75.0	72.1	77.4	72.9	59.8	71.2	83.4	90.2	81.4	113.7	138.8	162.3	177.6	183.8
7	F to .75F service lives.....	53.3	59.5	69.2	73.9	71.1	76.4	71.8	58.8	70.2	82.5	89.4	80.7	112.9	138.1	161.7	177.0	183.2
	Double-declining balance depreciation:																	
8	F service lives.....	54.2	60.4	70.1	74.6	71.5	76.8	72.2	59.1	70.6	82.9	89.4	80.2	112.2	137.3	160.6	175.2	180.7
9	.85F service lives.....	52.8	58.9	68.4	72.7	69.4	74.5	69.7	56.4	67.8	79.9	86.1	76.4	108.0	132.7	155.4	169.2	173.7
10	.75F service lives.....	51.8	57.8	67.2	71.3	67.7	72.7	67.7	54.3	65.6	77.6	83.5	73.4	104.6	129.1	151.2	164.4	168.1
11	F to .75F service lives.....	51.0	57.0	66.4	70.4	66.9	71.9	66.9	53.5	64.9	76.9	82.8	72.8	104.1	128.6	150.8	163.9	167.7
	Current-cost valuation:																	
	Straight-line depreciation:																	
12	F service lives.....	52.3	58.8	68.9	73.6	70.5	75.2	69.8	55.3	65.1	76.4	82.3	67.7	90.9	112.7	132.6	142.5	142.6
13	.85F service lives.....	50.6	57.0	66.9	71.2	67.7	71.9	65.9	50.9	60.2	71.2	76.6	61.0	83.0	104.1	123.3	132.2	131.0
14	F to .75F service lives.....	48.6	55.0	64.7	68.9	65.3	69.6	63.5	48.4	57.7	68.7	74.1	58.3	80.1	101.2	120.6	129.3	128.0
	Double-declining balance depreciation:																	
15	F service lives.....	50.7	57.0	66.6	70.6	66.8	71.1	65.1	50.2	59.9	71.1	76.4	60.6	83.0	105.0	124.8	133.8	132.6
16	.85F service lives.....	49.9	56.1	65.5	69.2	65.2	69.3	63.1	47.9	57.4	68.6	73.6	57.3	79.2	101.1	120.7	129.1	127.1
17	.75F service lives.....	49.3	55.4	64.7	68.2	63.9	67.8	61.5	46.2	55.6	66.7	71.5	54.7	76.4	98.2	117.5	125.5	123.1
18	F to .75F service lives.....	47.6	53.7	63.0	66.4	62.2	66.1	59.7	44.3	53.8	64.9	69.7	52.8	74.3	96.1	115.5	123.4	120.6

1. Excludes profits originating in the rest of the world.

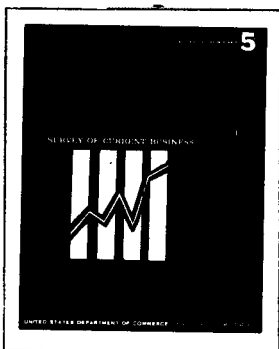
2. Equals line 1, table 3 minus line 1, table 1.

3. Equals line 2, table 3, plus line 1, table 2.

4. Lines 4 through 18 are equal to NIPA profits with inventory valuation adjustment and without capital consumption adjustment (line 2, table 3) plus the capital consumption adjustment based on the designated valuation, depreciation formula, and service lives (lines 2 through 16, table 2). For example, line 4 equals line 2, table 3, plus line 2, table 2.

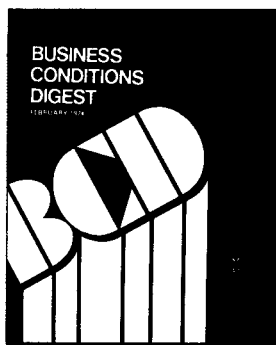
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CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1977 edition of BUSINESS STATISTICS, biennial statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (available from the Superintendent of Documents for \$6.25) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1973 through 1976 (1966-76 for major quarterly series), annually, 1947-76; for selected series, monthly or quarterly, 1947-76 (where available).

The sources of the data are given in the 1977 edition of BUSINESS STATISTICS; they appear in the main descriptive note for each series, and are also listed alphabetically on pages 181-182. 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 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1980	1978			1979				1980				1981		
	Annual total			II	III	IV	I	II	III	IV	I	II	III	IV	I	II	
GENERAL BUSINESS INDICATORS—Quarterly Series																	
NEW PLANT AND EQUIPMENT EXPENDITURES †																	
Unadjusted quarterly or annual totals:																	
Total nonfarm business	bil. \$.	231.24	270.46	295.63	57.41	58.47	67.57	57.26	66.81	68.39	77.99	65.18	74.02	74.12	82.31	'69.26	'79.73
Manufacturing	do....	79.72	98.68	115.81	19.58	19.93	24.45	19.65	23.68	24.93	30.42	24.10	28.86	28.98	33.87	26.18	31.57
Durable goods industries ¶	do....	40.43	51.07	58.91	9.89	10.24	12.46	10.04	12.31	12.99	15.73	12.54	14.79	14.49	17.09	13.31	15.89
Nondurable goods industries ¶	do....	39.29	47.61	56.90	9.68	9.69	12.00	9.61	11.37	11.94	14.69	11.56	14.06	14.50	16.78	12.87	15.68
Nonmanufacturing	do....	151.52	171.77	179.81	37.83	38.55	43.12	37.61	43.13	43.47	47.57	41.08	45.16	45.13	48.44	43.08	48.16
Mining	do....	10.21	11.38	13.51	2.58	2.64	2.90	2.59	2.81	2.87	3.11	2.74	3.27	3.50	4.01	3.54	3.97
Railroad	do....	3.48	4.03	4.25	0.88	0.89	0.98	0.86	1.00	1.04	1.12	0.99	1.06	1.00	1.20	0.86	1.17
Air transportation	do....	3.09	4.01	4.11	0.82	0.72	0.83	0.80	1.19	0.91	1.10	0.90	1.27	0.93	0.91	0.94	0.99
Other transportation	do....	4.10	4.31	3.82	1.00	1.05	1.22	0.82	1.08	1.18	1.23	0.84	0.98	1.07	0.94	0.83	1.05
Public utilities.....	do....	29.95	33.96	35.44	7.30	7.57	8.83	7.19	8.58	8.80	9.38	8.01	8.84	8.97	9.62	8.13	9.49
Electric	do....	24.63	27.65	28.12	6.02	6.04	7.28	6.15	7.05	7.03	7.42	6.64	7.07	6.89	7.53	6.62	7.41
Gas and other	do....	5.32	6.31	7.32	1.28	1.54	1.55	1.05	1.53	1.77	1.96	1.37	1.77	2.08	2.10	1.51	2.08
Trade and services.....	do....	68.66	79.26	81.79	17.29	17.34	19.47	17.63	19.76	19.87	22.01	19.08	20.23	20.38	22.09	19.59	21.03
Communication and other	do....	32.02	34.83	36.99	7.96	8.35	8.90	7.72	8.70	8.79	9.62	8.52	9.52	9.28	9.67	9.20	10.47
Seas. adj. quarterly totals at annual rates:																	
Total nonfarm business	do....				227.53	233.24	247.36	255.55	265.24	273.15	284.30	291.89	294.36	296.23	299.58	'310.10	'317.29
Manufacturing	do....				78.19	79.96	86.15	90.75	94.71	100.11	106.57	111.77	115.69	116.40	118.63	121.17	126.68
Durable goods industries ¶	do....				39.47	41.09	43.88	46.38	49.25	52.13	55.03	58.28	59.38	58.19	59.77	61.67	63.84
Nondurable goods industries ¶	do....				38.72	38.87	42.27	44.37	45.47	47.97	51.55	53.49	56.32	58.21	58.86	59.51	62.84
Nonmanufacturing	do....				149.34	153.28	161.21	164.80	170.52	173.04	177.73	180.13	178.66	179.83	180.95	188.93	190.61
Mining	do....				10.10	10.48	11.03	11.23	11.01	11.40	11.86	11.89	12.81	13.86	15.28	15.36	15.57
Railroad	do....				3.34	3.54	3.68	3.90	3.83	4.13	4.24	4.46	4.06	3.98	4.54	3.87	4.46
Air transportation	do....				2.79	3.08	3.41	3.49	4.03	3.95	4.55	3.90	4.27	4.06	3.77	4.07	3.32
Other transportation	do....				3.86	4.05	4.36	4.04	4.16	4.60	4.41	4.11	3.76	4.18	3.39	4.06	4.05
Public utilities.....	do....				28.93	30.16	32.13	32.40	34.02	35.05	34.08	36.26	35.03	35.58	34.96	36.89	37.65
Electric	do....				23.79	24.66	26.65	26.85	27.88	28.71	27.16	28.98	27.91	28.14	27.54	28.90	29.26
Gas and other	do....				5.14	5.49	5.48	5.55	6.14	6.35	6.92	7.28	7.12	7.44	7.41	7.99	8.39
Trade and services.....	do....				68.86	68.73	73.32	76.03	79.03	78.86	82.69	82.17	81.07	81.19	82.91	84.33	84.17
Communication and other	do....				31.46	33.24	33.28	33.71	34.44	35.05	35.90	37.34	37.66	36.97	36.11	40.34	41.39
U.S. INTERNATIONAL TRANSACTIONS																	
Quarterly Data Are Seasonally Adjusted (Credits +; debits —)																	
Exports of goods and services (excl. transfers under military grants)	mil. \$.	221,036	286,521	340,887	54,156	56,432	61,131	65,668	67,764	74,782	78,307	85,521	81,767	86,015	87,586		
Merchandise, adjusted, excl. military	do....	142,054	182,068	221,781	35,404	36,828	38,900	41,806	42,816	47,207	50,239	54,604	54,605	56,181	56,391		
Transfers under U.S. military agency sales contracts.....	mil. \$.	8,240	7,194	7,470	2,055	2,013	2,051	2,000	1,927	1,692	1,575	1,497	1,758	2,093	2,122		
Receipts of income on U.S. assets abroad	do....	42,972	65,970	76,029	9,957	10,557	12,851	14,263	15,250	18,050	18,407	20,824	16,620	18,756	19,830		
Other services.....	do....	27,772	31,289	35,608	6,740	7,034	7,329	7,599	7,771	7,833	8,086	8,596	8,784	8,985	9,243		
Imports of goods and services	do....	-230,240	-281,560	-333,810	-56,951	-58,365	-60,638	-62,938	-67,864	-72,268	-78,490	-86,330	-82,882	-79,995	-84,603		
Merchandise, adjusted, excl. military	do....	-175,813	-211,454	-249,135	-43,699	-44,336	-45,715	-46,922	-50,876	-54,259	-59,397	-65,452	-62,108	-59,039	-62,536		
Direct defense expenditures	do....	-7,354	-8,469	-10,779	-1,752	-1,874	-2,048	-2,029	-2,029	-2,135	-2,275	-2,419	-2,752	-2,729	-2,880		
Payments of income on foreign assets in the U.S.	mil. \$.	-22,073	-33,460	-43,494	-5,474	-5,717	-6,343	-7,225	-7,980	-8,731	-9,524	-10,762	-10,518	-10,700	-11,514		
Other services.....	do....	-25,001	-28,178	-30,402	-6,026	-6,438	-6,532	-6,762	-6,980	-7,143	-7,294	-7,697	-7,504	-7,527	-7,673		
Unilateral transfers (excl. military grants), net	mil. \$.	-5,055	-5,666	-6,959	-1,307	-1,233	-1,313	-1,324	-1,383	-1,407	-1,552	-1,812	-1,326	-1,527	-2,296		
U.S. Government grants (excl. military)	do....	-3,171	-3,524	-4,506	-831	-772	-795	-880	-899	-878	-887	-1,247	-762	-949	-1,549		
Other	do....	-1,884	-2,142	-2,452	-476	-461	-518	-464	-484	-529	-665	-565	-564	-578	-747		
U.S. assets abroad, net	do....	-61,191	-61,774	-84,502	-5,749	-9,977	-30,418	-7,768	-15,300	-25,215	-13,492	-12,706	-25,708	-19,135	-26,951		
U.S. official reserve assets, net	do....	732	-1,133	-8,155	248	115	182	-3,585	322	2,779	-649	-3,268	502	-1,109	-4,279		
U.S. Gov't assets, other than official reserve assets, net	mil. \$.	-4,644	-3,783	-5,111	-1,257	-1,386	-991	-1,102	-991	-766	-925	-1,467	-1,191	-1,374	-1,079		
U.S. private assets, net	do....	-57,279	-56,858	-71,236	-4,740	-8,706	-29,609	-3,081	-14,631	-27,228	-11,918	-7,971	-25,019	-16,652	-21,593		
Direct Investments abroad	do....	-16,345	-24,319	-20,592	-4,051	-3,010	-4,578	-5,819	-7,214	-7,156	-4,129	-5,458	-2,869	-4,058	-8,207		
Foreign assets in the U.S., net	do....	64,096	37,575	47,626	775	17,069	28,048	2,201	6,407	24,941	4,025	7,194	7,949	11,763	20,720		
Foreign official assets, net	do....	33,293	-14,271	16,179	-5,273	4,777	18,368	-8,744	-10,095	5,789	-1,221	-7,215	7,775	7,991	7,628		
Other foreign assets, net	do....	30,804	51,845	31,446	6,049	12,292	9,680	10,945	16,502	19,152	5,246	14,409	174	3,771	13,092		
Direct investments in the U.S.	do....	7,897	9,713	8,204	2,313	2,620	1,608	1,120	2,812	3,217	2,564	1,666	3,082	2,437	1,020		
Allocation of special drawing rights	do....		1,139	1,152			1,139					1,152					
Statistical discrepancy	do....	11,354	23,765	35,605	9,076	-3,926	3,190	3,022	10,375	-833	11,202	6,981	20,200	2,879	5,544		
Memoranda:																	
Balance on merchandise trade	do....	-33,759	-29,386	-27,354	-8,295	-7,508	-6,815	-5,116	-8,060	-7,052	-9,158	-10,848	-7,503	-2,858	-6,145		
Balance on goods and services	do....	-9,204	4,961	7,077	-2,795	-1,933	493	2,730	-100	2,514	-183	-809	-1,115	6,020	2,983		
Balance on goods, services, and remittances	do....	-11,088	2,819	4,625	-3,271	-2,394	-25	2,266	-584	1,985	-848	-1,374	-1,679	5,442	2,236		
Balance on current account	do....	-14,259	-705	118	-4,102	-3,166	-820	1,406	-1,483	1,107	-1,735	-2,621	-2,441	4,493	687		

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980												1981		
	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	1,943.8	2,160.2	2,086.4	2,101.0	2,102.1	2,114.1	2,127.1	2,161.2	2,179.4	2,205.7	2,234.3	2,257.6	2,276.6	*2,301.0	*2,317.3	2,334.9	
Wage and salary disbursements, total	1,236.1	1,343.7	1,315.0	1,322.9	1,317.8	1,320.1	1,323.2	1,326.3	1,342.4	1,356.8	1,381.7	1,400.4	1,411.2	*1,433.1	*1,441.8	1,452.1	
Commodity-producing industries, total	437.9	465.4	462.6	463.2	458.8	455.4	453.7	452.5	460.0	467.7	475.8	485.2	491.1	*500.5	*500.1	502.7	
Manufacturing	333.4	350.7	348.3	349.9	346.2	342.6	340.9	341.0	346.7	352.5	358.8	366.2	369.9	*375.6	*376.9	378.6	
Distributive industries	303.0	328.9	322.5	324.1	322.6	323.5	323.3	325.5	329.4	332.6	338.6	341.4	341.7	*348.4	*351.7	354.1	
Service industries	259.2	295.7	283.2	287.9	287.7	290.2	294.4	295.3	298.9	301.7	305.6	310.5	313.7	*318.3	*322.9	327.3	
Govt. and govt. enterprises	236.1	253.6	246.8	247.6	248.7	251.0	251.8	253.0	254.1	254.7	261.7	263.3	264.8	*267.1	*268.1	268.1	
Other labor income	118.6	137.1	130.8	132.6	133.8	135.0	136.3	137.7	139.1	140.4	141.9	143.5	145.0	146.6	148.0	149.5	
Proprietors' income: ‡																	
Farm	30.8	23.4	25.2	24.4	23.8	23.3	22.8	22.4	22.0	21.9	22.2	22.6	22.6	*20.2	*18.8	18.0	
Nonfarm	100.7	107.2	108.2	106.1	102.7	101.0	101.0	105.1	106.3	111.4	111.5	111.5	111.6	*112.0	*112.2	113.0	
Rental income of persons with capital consumption adjustment	30.5	31.8	30.8	31.4	31.6	31.3	31.6	31.8	32.0	32.2	32.3	32.4	32.5	32.5	32.7	32.9	
Dividends	48.6	54.4	52.4	53.2	53.7	54.1	54.7	54.7	55.2	55.4	55.5	55.9	56.7	57.4	58.2	58.3	
Personal interest income	209.6	256.3	240.0	244.5	248.3	253.7	258.9	260.4	261.7	263.2	265.6	269.4	274.1	*282.6	*289.2	293.4	
Transfer payments	249.4	294.2	270.4	271.9	275.9	281.4	284.6	309.7	309.0	313.4	313.8	313.2	314.7	*318.4	*318.5	320.3	
Less: Personal contrib. for social insur.	80.6	87.9	86.4	86.2	85.6	85.8	86.2	87.0	88.3	89.1	90.4	91.4	91.9	*101.9	*102.2	102.6	
Total nonfarm income	1,892.9	2,112.6	2,038.3	2,053.1	2,054.7	2,067.0	2,080.3	2,114.5	2,132.7	2,158.7	2,186.8	2,209.7	2,228.5	*2,254.8	*2,272.1	2,290.1	
DISPOSITION OF PERSONAL INCOME *																	
Seasonally adjusted, at annual rates:																	
Total personal income	1,943.8	2,160.2	2,086.4	2,101.0	2,102.1	2,114.1	2,127.1	2,161.2	2,179.4	2,205.7	2,234.3	2,257.6	2,276.6	*2,301.0	*2,317.3	2,334.9	
Less: Personal tax and nontax payments	302.0	338.5	323.1	325.9	326.6	330.3	334.2	336.3	341.7	346.5	354.1	359.9	363.5	*369.3	*371.9	375.5	
Equals: Disposable personal income	1,641.7	1,821.7	1,763.3	1,775.1	1,775.6	1,783.8	1,793.0	1,824.9	1,837.7	1,859.2	1,880.2	1,897.7	1,913.1	*1,931.7	*1,945.4	1,959.4	
Less: Personal outlays	1,555.5	1,720.4	1,671.7	1,687.8	1,670.7	1,667.7	1,683.9	1,714.9	1,730.3	1,742.4	1,778.1	1,800.3	1,819.7	*1,843.5	*1,853.1	1,866.1	
Personal consumption expenditures	1,510.9	1,672.8	1,623.9	1,639.9	1,623.0	1,620.3	1,637.1	1,667.9	1,683.4	1,695.2	1,729.9	1,752.0	1,771.0	*1,795.0	*1,804.3	1,816.8	
Durable goods	212.3	211.9	218.9	211.9	196.1	191.7	195.5	210.6	210.5	205.2	222.3	223.4	224.2	*236.5	*240.5	237.3	
Nondurable goods	602.2	675.7	658.8	667.5	665.0	661.3	665.7	667.4	674.4	680.9	690.5	706.8	713.1	*720.4	*720.7	725.9	
Services	696.3	785.2	746.2	760.5	761.8	767.3	776.0	789.9	798.4	809.1	817.1	821.9	833.7	*838.1	*836.7	853.6	
Interest paid by consumers to business	43.7	46.4	46.7	46.9	46.7	46.3	45.8	45.9	45.9	46.2	46.5	46.7	47.1	47.4	47.7	48.2	
Personal transfer payments to foreigners (net)	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.1	1.1	1.1	
Equals: personal saving	86.2	101.3	91.6	87.4	104.9	116.2	109.1	110.0	107.4	116.8	102.1	97.4	93.3	*88.2	*92.3	93.3	
Personal saving as percentage of disposable personal income %	5.2	5.6	4.9	5.3	5.8	6.2	6.2	6.0	6.1	5.8	5.6	5.1	4.9	*4.7	4.7	.....	
Disposable personal income in constant (1972) dollars	1,011.5	1,018.4	1,050.7	1,013.3	1,009.1	1,008.5	1,007.0	1,018.6	1,018.2	1,018.6	1,023.6	1,026.4	1,027.4	*1,031.1	1,033.0	.....	
Personal consumption expenditures in constant (1972) dollars	930.9	935.1	940.0	936.1	922.4	916.0	919.5	931.1	932.7	928.8	941.8	947.6	951.1	*958.1	958.1	.....	
Durable goods	146.6	135.8	144.4	138.3	127.9	124.6	126.1	134.8	133.6	129.3	139.1	139.0	139.2	*145.9	148.1	.....	
Nondurable goods	354.6	358.4	360.8	359.2	358.1	355.3	356.3	355.4	356.2	353.2	356.0	362.4	362.8	*364.5	364.9	.....	
Services	429.6	440.9	434.7	438.7	436.4	436.1	437.1	440.8	442.8	446.3	446.7	446.2	449.1	*447.7	445.0	.....	
Implicit price deflator for personal consumption expenditures	162.3	178.9	172.8	175.2	176.0	176.9	178.0	179.1	180.5	182.5	183.7	184.9	186.2	187.3	188.3	.....	
INDUSTRIAL PRODUCTION ¶																	
Federal Reserve Board Index of Quantity Output																	
Not Seasonally Adjusted																	
Total index	152.5	147.1	152.7	153.2	148.1	143.5	145.0	137.2	142.9	148.6	150.2	149.5	146.3	*147.0	*151.1	*152.7	
By market groupings:																	
Products, total	150.0	*146.8	149.3	149.9	145.0	142.2	146.2	140.8	146.3	152.5	151.8	148.7	*144.2	*144.5	*148.7	*150.1	
Final products	147.2	145.4	147.7	148.0	143.7	141.2	145.6	139.7	144.7	151.2	150.4	147.3	*142.7	*143.5	*147.6	*148.9	
Consumer goods	150.8	145.5	148.0	149.0	143.6	139.9	145.9	138.3	146.5	154.2	152.7	147.0	*139.3	*141.6	*146.2	*148.0	
Durable consumer goods	155.8	136.5	147.9	149.1	140.0	130.4	132.9	115.4	121.4	139.0	148.4	144.5	*132.2	*133.4	*140.9	*146.5	
Nondurable consumer goods	148.8	*149.1	148.0	148.9	145.0	143.6	151.1	147.5	156.6	160.3	154.3	148.0	*142.2	*144.9	*148.3	*148.6	
Equipment	142.2	145.1	147.3	146.7	143.9	143.0	145.2	141.6	142.1	147.1	147.2	147.7	*147.3	*146.0	*149.6	*150.1	
Intermediate products	160.5	151.9	155.5	156.8	149.7	145.9	148.4	144.8	152.2	157.0	157.3	153.8	*149.6	*148.4	*152.4	*154.6	
Materials	156.4	*147.7	157.9	158.3	152.9	145.6	143.0	131.7	137.8	142.7	147.6	150.7	*149.7	150.9	*154.7	*156.7	
By industry groupings:																	
Mining and utilities	144.7	150.4	153.1	151.2	145.0	143.1	149.1	151.9	157.1	152.3	146.1	149.4	*154.1	*159.9	*159.9	*156.0	
Manufacturing	153.6	146.6	152.7	153.5	148.5	143.6	144.4	135.1	141.3	148.0	150.6	149.5	145.1	*145.1	*150.0	*152.3	
Nondurable manufactures	164.0	161.1	163.8	164.9	161.3	157.1	160.1	151.0	161.2	167.5	167.8	163.9	156.8	*157.5	*163.1	*165.0	
Durable manufactures	146.4	136.6	145.0	145.6	139.7	134.2	133.5	124.1	127.6	134.6	138.7	139.5	137.1	*136.6	*140.9	*143.4	
Seasonally Adjusted																	
Total index	152.5	147.1	152.6	152.1	148.3	144.0	141.5	140.4	141.8	144.1	146.9	149.4	*151.0	*151.7	*151.1	*151.7	
By market groupings:																	
Products, total	150.0	*146.8	150.1	150.0	146.6	143.7	142.5	142.8	143.8	145.3	147.2	148.7	149.9	*150.2	*149.6	*150.3	
Final products	147.2	*145.4	147.7	147.7	145.4	143.1	142.3	142.4	142.8	143.9	145.8	147.5	*148.3	*148.2	*147.8	*148.8	
Consumer goods	150.8	145.5	148.4	148.6	145.3	142.4	142.1	142.0	142.7	144.3	146.6	148.0	147.7	*147.2	*146.9	*147.7	
Durable consumer goods	155.8	*136.5	144.5	144.1	136.3	128.8	128.2	128.3	128.6	132.7	139.6	142.9	*141.3	*138.5	*137.9	*141.6	
Automotive products	167.7	*132.7	142.1	141.0	126.3	118.5	121.6	129.2	121.5	130.6</							

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980												1981		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
GENERAL BUSINESS INDICATORS—Continued																	
INDUSTRIAL PRODUCTION 1—Continued																	
Seasonally Adjusted—Continued																	
By market groupings—Continued																	
Intermediate products	1967=100..	160.5	*151.9	159.2	158.3	150.8	146.2	143.5	144.5	147.6	150.6	152.4	153.5	156.1	*157.8	*156.1	*156.2
Construction supplies	do.....	158.0	*140.7	153.8	152.3	139.4	133.0	128.5	128.6	133.1	137.4	140.5	142.8	*144.6	*147.3	*145.0	*144.4
Business supplies	do.....	163.1	*162.9	164.5	164.3	162.0	159.4	158.4	160.4	161.9	163.6	164.3	164.2	167.5	*168.1	*167.2	
Materials	do.....	156.4	*147.7	156.5	155.3	151.0	144.3	140.0	136.5	138.6	142.4	146.4	150.5	*152.6	*153.9	*153.4	*153.7
Durable goods materials #	do.....	157.8	143.1	154.8	154.2	148.2	139.8	133.8	129.0	131.3	134.2	140.4	146.6	148.4	150.2	*149.3	*150.5
Durable consumer parts	do.....	137.1	*109.0	119.9	120.3	110.6	100.1	96.0	93.9	98.1	104.2	110.8	115.5	116.3	*115.8	*113.8	*117.5
Equipment parts	do.....	189.9	*187.3	198.9	199.2	195.8	190.8	182.5	177.6	176.3	176.0	178.5	184.0	185.8	189.2	*188.7	*189.6
Nondurable goods materials #	do.....	175.9	170.7	179.9	177.0	173.2	165.2	159.6	156.2	159.8	169.7	173.7	174.1	*178.8	*180.0	*179.2	*179.0
Textile, paper, and chemical	do.....	183.7	*177.0	188.1	185.2	180.7	171.5	163.4	158.5	163.2	175.1	180.5	181.0	*186.5	*187.3	*186.8	*186.5
Energy materials	do.....	128.9	*130.0	131.5	130.9	130.1	129.6	130.4	130.4	130.0	128.4	127.2	130.9	*130.5	*130.5	*131.5	*130.2
By industry groupings:																	
Mining and utilities	do.....	144.7	*150.4	149.0	151.4	150.1	149.6	150.1	150.1	150.5	150.5	150.2	152.8	*154.0	155.4	*155.8	*156.1
Mining	do.....	125.5	*132.9	132.9	133.0	133.1	133.4	132.9	130.6	129.6	130.5	132.1	136.0	*139.3	*141.4	*143.3	*143.7
Metal mining	do.....	127.0	*109.1	136.6	132.7	123.5	120.8	120.0	83.1	71.2	73.1	90.8	107.2	*122.2	*127.1	*127.9	
Coal	do.....	135.6	*146.7	136.0	137.2	143.4	145.0	150.0	149.8	154.9	148.9	145.7	151.6	155.3	*150.5	*158.7	*148.2
Oil and gas extraction #	do.....	121.7	*133.8	130.4	131.8	132.5	133.9	133.2	134.3	133.6	134.7	135.4	137.4	*139.1	*141.8	*143.4	*145.9
Crude oil	do.....	94.6	*94.7	95.8	96.1	97.3	96.1	95.5	95.3	93.3	92.9	92.5	92.2	*93.4	*93.8	*93.4	
Natural gas	do.....	109.2	111.0	112.4	117.0	112.2	111.6	107.1	106.0	105.1	109.5	110.4	111.9	114.4			
Stone and earth minerals	do.....	137.6	*131.7	142.3	136.0	133.1	128.1	123.9	123.7	123.5	128.2	129.0	133.0	137.8	*140.4	*139.3	
Utilities	do.....	166.0	*169.9	167.1	172.0	169.1	167.7	169.3	171.8	173.8	172.7	170.4	171.5	*170.3	*171.0	*169.7	*169.9
Electric	do.....	185.8	*189.7	185.7	192.4	187.9	186.0	188.7	192.4	195.4	193.9	190.3	191.5	190.3	191.2	*188.9	*189.2
Manufacturing	do.....	153.6	146.6	153.0	152.1	147.9	143.4	140.3	139.1	140.6	143.4	146.4	149.1	150.6	*151.1	*150.4	*151.0
Nondurable manufactures	do.....	164.0	161.1	165.9	164.7	161.6	158.0	155.3	154.7	156.9	160.3	161.8	163.3	*165.0	*165.3	*165.2	*165.0
Foods	do.....	147.5	149.2	149.0	149.3	147.8	149.5	149.0	148.9	148.3	148.6	149.4	150.5	*150.7	*150.6	*151.2	
Tobacco products	do.....	117.8	*119.8	120.0	122.2	121.9	116.2	113.9	119.6	117.4	119.1	123.1	125.1	118.8	122.9		
Textile mill products	do.....	145.0	*136.8	144.0	142.0	139.9	137.1	133.6	132.5	132.6	133.0	133.8	135.0	*133.9	*133.1	*132.8	
Apparel products	do.....	134.4	*128.6	133.8	136.1	131.3	128.6	127.2	121.5	123.8	126.7	127.5	128.0	*125.1	125.5		
Paper and products	do.....	151.0	*151.0	153.6	152.7	148.2	145.7	146.2	143.6	147.1	152.3	153.0	154.4	*156.8	*157.0	*156.5	*155.8
Printing and publishing	do.....	136.9	*139.6	139.9	139.2	136.5	135.5	135.4	138.6	140.3	140.3	141.5	142.7	144.9	*145.5	*146.7	*146.6
Chemicals and products	do.....	211.8	*206.7	217.4	213.6	209.1	199.2	191.1	190.3	197.8	206.8	209.1	212.0	218.8	*219.4	*218.5	
Petroleum products	do.....	143.9	*134.9	144.6	140.7	137.4	133.0	131.3	130.5	126.7	130.5	130.1	131.2	*137.5	*138.0	*136.7	*134.5
Rubber and plastics products	do.....	272.2	*255.8	266.8	264.4	261.8	248.1	242.9	242.5	245.9	253.1	259.2	259.6	259.2	*258.2	*257.4	
Leather and products	do.....	71.7	70.1	73.3	72.8	69.9	70.1	68.5	67.8	67.7	67.2	70.2	71.2	67.8	*68.9	*69.2	
Durable manufactures	do.....	146.4	136.6	144.1	143.4	138.4	133.3	129.9	128.3	129.4	131.7	135.8	139.3	*140.6	*141.3	*140.1	*141.3
Ordinance, pvt. and govt.	do.....	75.2	*77.9	77.2	76.9	77.5	77.9	77.5	77.1	77.2	77.1	79.1	79.6	79.5	*79.3	*79.3	*79.4
Lumber and products	do.....	136.9	*119.3	130.2	125.3	105.2	104.5	109.7	112.8	121.7	122.6	122.2	124.9	122.0	*125.3	*122.0	
Furniture and fixtures	do.....	161.5	*150.0	159.2	159.5	157.1	149.5	143.1	138.6	141.1	144.8	147.2	147.2	149.0	*149.6	*149.9	
Clay, glass, and stone products ..	do.....	163.9	*146.5	162.4	156.4	148.8	140.8	134.5	134.2	135.7	141.4	145.2	147.8	*151.4	*155.3	*153.1	
Primary metals	do.....	121.3	101.6	111.9	113.7	106.4	96.1	90.4	81.7	86.0	90.1	100.6	113.4	112.1	*113.9	*113.5	*113.7
Iron and steel	do.....	113.2	*91.7	103.4	105.9	97.4	84.4	75.4	68.1	75.3	79.8	93.3	107.4	*103.5	*108.0	*107.4	
Nonferrous metals	do.....	135.8	*119.2	127.4	128.0	122.0	116.4	118.1	107.3	104.5	107.1	113.1	123.2	127.2	124.9	*124.8	
Fabricated metal products	do.....	148.5	135.0	145.7	145.5	141.4	133.2	126.1	123.8	125.8	129.0	132.8	134.1	137.4	*137.6	*138.3	*139.2
Nonelectrical machinery	do.....	163.7	*162.8	167.0	166.5	163.2	162.1	158.3	158.5	158.8	159.1	161.1	163.4	*167.5	*168.9	*168.1	*169.0
Electrical machinery	do.....	175.0	172.7	179.2	179.2	177.0	171.4	166.6	165.0	166.7	167.5	170.0	173.0	174.9	*177.6	*174.6	*175.8
Transportation equipment	do.....	135.4	*116.8	125.7	123.8	115.1	109.8	110.0	110.7	108.3	112.9	118.8	121.7	120.6	*117.1	*115.1	*119.3
Motor vehicles and parts	do.....	159.9	*118.8	133.9	130.1	114.7	105.9	106.7	107.9	104.4	113.4	124.2	129.0	126.3	*118.8	*117.6	*127.0
Instruments	do.....	174.9	171.0	174.8	173.5	173.8	171.0	169.2	167.5	167.6	167.4	169.6	169.9	172.1	*173.0	*172.1	*171.9
BUSINESS SALES																	
Mfg. and trade sales (unadj.), total \$	mil. \$.	3,461,382	3,731,456	298,985	312,588	300,289	300,850	303,481	294,795	306,603	321,031	338,522	324,830	343,565	*319,367	325,146	
Mfg. and trade sales (seas. adj.), total \$	do.....	*1,692,001	*1,796,539	152,899	150,081	143,596	141,515	141,573	145,678	146,643	152,764	156,697	157,722	159,323	*161,148	160,782	
Manufacturing, total \$	do.....	887,777	902,723	79,159	75,925	72,207	69,443	69,056	72,544	72,057	76,571	79,497	79,741	80,027	*80,259	80,819	
Durable goods industries	do.....	804,224	895,816	73,730	74,156	71,389	72,072	72,517	73,134	74,586	76,193	77,200	77,981	79,296	*80,889	79,963	
Retail trade, total \$	do.....	*886,047	*956,655	*78,899	76,534	75,011	74,587	76,001	78,287	78,770	80,087	80,609	82,125	*83,443	*85,463	86,851	
Durable goods stores	do.....	308,156	297,926	26,139	24,296	22,821	22,537	23,212	25,076	24,821	25,868	25,591	26,524	*25,983	*27,075	28,506	
Nondurable goods stores	do.....	577,891	658,729	*52,760	52,238	52,190	52,050	52,789	53,211	53,949	54,219	55,018	55,601	*57,460	*58,388	58,345	
Merchant wholesalers, total @	do.....	*915,163	*1,043,886	*83,606	*82,616	*81,245	*80,471	*81,714	*85,810	*86,889	*90,223	*93,282	*93,901	*96,591	*98,967	97,559	
Durable goods establishments	do.....	*410,079	*438,439	*37,298	*35,896	*34,561	*33,688	*34,793	*35,196	*35,353	*36,937	*38,110	*38,799	*39,403	*40,370	41,008	
Nondurable goods establishments ..	do.....	*505,084	*605,447	*46,308	*46,720	*46,684	*46,783	*46,921	*50,614	*51,536	*53,286	*55,172	*55,102	*57,188	*58,597	56,551	
Mfg. and trade sales in constant (1972) dollars																	
(seas. adj.), total \$	bil. \$.			161.37													

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980											1981		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

GENERAL BUSINESS INDICATORS—Continued

BUSINESS INVENTORY-SALES RATIOS																
Manufacturing and trade, total ‡	ratio..	1.41	1.44	1.40	1.44	1.51	1.52	1.52	1.48	1.47	1.43	1.40	1.39	1.37	*1.35	1.36
Manufacturing, total †	do...	1.52	1.61	1.54	1.59	1.69	1.72	1.72	1.68	1.66	1.59	1.55	1.55	1.53	*1.54	1.56
Durable goods industries	do...	1.91	2.12	1.96	2.07	2.21	2.31	2.32	2.22	2.24	2.10	2.02	2.02	2.02	*2.06	2.06
Materials and supplies	do...	0.61	0.66	0.64	0.66	0.71	0.73	0.73	0.69	0.68	0.64	0.61	0.61	0.62	0.63	0.63
Work in process	do...	0.82	0.95	0.86	0.91	0.98	1.03	1.04	0.94	1.01	0.96	0.92	0.92	0.93	*0.95	0.95
Finished goods	do...	0.47	0.51	0.46	0.49	0.53	0.55	0.56	0.53	0.54	0.50	0.49	0.48	0.48	0.47	0.47
Nondurable goods industries.....	do...	1.08	1.10	1.08	1.10	1.15	1.15	1.15	1.14	1.11	1.09	1.07	1.07	1.04	*1.03	1.06
Materials and supplies	do...	0.42	0.43	0.43	0.43	0.45	0.45	0.45	0.44	0.42	0.42	0.41	0.41	0.41	0.41	0.42
Work in process	do...	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16	*0.16	0.17
Finished goods	do...	0.49	0.50	0.49	0.50	0.52	0.52	0.53	0.52	0.51	0.50	0.49	0.49	0.47	*0.46	0.48
Retail trade, total §	do...	1.45	1.41	*1.38	*1.40	1.47	*1.44	*1.41	*1.38	*1.38	*1.39	*1.39	*1.36	*1.34	*1.31	1.30
Durable goods stores.....	do...	2.08	2.09	*2.00	*2.16	*2.27	*2.29	*2.18	*2.04	*2.10	*2.06	2.06	*2.00	*2.00	*1.93	1.83
Nondurable goods stores	do...	1.11	1.10	*1.07	*1.06	*1.08	*1.08	*1.07	*1.08	*1.06	*1.08	*1.09	*1.07	*1.04	*1.02	1.04
Merchant wholesalers, total @	do...	1.17	1.16	1.15	1.16	*1.19	*1.21	*1.20	*1.16	*1.17	*1.14	1.12	1.12	*1.09	*1.06	1.09
Durable goods establishments	do...	1.64	1.71	*1.65	*1.72	*1.82	*1.89	*1.84	*1.82	*1.85	*1.77	*1.73	*1.73	*1.72	*1.67	1.67
Nondurable goods establishments	do...	0.77	0.74	*0.74	*0.72	*0.72	*0.72	*0.73	*0.70	*0.71	*0.70	*0.69	*0.69	*0.66	*0.64	0.66
Manufacturing and trade in constant (1972) dollars, total *	do...			1.64	1.68	1.75	1.77	1.76	1.74	1.74	1.69	1.67	1.67	1.66	1.65	1.66
Manufacturing *	do...			1.91	1.98	2.08	2.12	2.12	2.08	2.08	1.99	1.96	1.96	1.96	1.97	1.98
Retail trade *	do...			1.39	1.43	1.47	1.48	1.46	1.44	1.43	1.43	1.45	1.43	1.41	*1.38	1.35
Merchant wholesalers *	do...			1.39	1.41	1.45	1.46	1.46	1.45	1.46	1.43	1.40	1.41	1.38	*1.37	1.41
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Manufacturers' export sales:																
Durable goods industries:																
Unadjusted, total	mil. \$..	82,988	98,114	7,550	8,152	8,047	7,480	8,278	7,555	7,276	9,025	9,216	9,476	9,910	7,739	10,224
Seasonally adj., total	do...			7,395	7,677	7,842	7,315	7,543	8,521	7,983	9,270	8,941	9,311	9,493	8,820	10,005
Shipments (not seas. adj.), total †	do...	1,692,001	1,798,539	153,732	157,049	146,692	143,186	149,249	134,602	144,426	158,671	162,189	156,659	152,455	*148,161	161,649
Durable goods industries, total	do...	887,777	902,723	79,116	80,897	74,464	71,296	74,880	65,260	69,249	79,921	82,721	78,679	76,053	*72,215	80,697
Stone, clay, and glass products	do...	48,185	49,509	3,858	3,999	4,010	3,946	4,208	3,954	4,249	4,590	4,640	4,331	3,968	*3,759	4,232
Primary metals.....	do...	140,122	137,984	12,944	13,355	12,133	10,985	10,674	9,415	10,253	11,420	11,777	11,515	11,305	*11,663	12,530
Blast furnaces, steel mills	do...	68,663	64,447	5,922	6,477	5,681	5,002	4,740	4,117	4,531	5,217	5,603	5,733	5,819	*5,926	6,267
Fabricated metal products.....	do...	109,463	111,466	9,570	9,693	9,334	8,719	9,095	8,082	8,984	9,796	10,310	9,742	9,573	*8,846	9,818
Machinery, except electrical	do...	157,695	169,318	14,659	15,286	13,768	13,714	14,999	12,680	12,829	14,903	14,825	13,997	14,922	*14,153	15,590
Electrical machinery	do...	110,713	123,390	10,617	10,778	9,909	9,838	10,500	8,971	10,062	10,955	11,229	10,952	10,375	*9,784	11,085

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	1979	1980	1980												1981		
	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 industry group—Continued																	
Durable goods industries—Continued																	
By stage of fabrication: †																	
Materials and supplies	mil. \$.	48,857	49,507	50,248	50,347	51,086	50,665	50,177	50,032	49,136	49,007	48,722	48,841	49,507	*50,788	51,020	.....
Primary metals	do.	7,411	8,046	7,971	7,919	8,049	8,213	8,194	8,300	8,124	8,090	8,018	7,906	8,046	*8,541	8,607	.....
Machinery, except electrical	do.	10,732	10,846	10,994	10,963	11,214	10,035	11,114	11,123	11,108	10,998	10,943	10,990	10,846	*10,832	10,757	.....
Electrical machinery	do.	5,936	6,051	6,134	6,222	6,289	6,215	6,171	6,193	6,163	6,166	6,142	6,081	6,051	*6,280	6,340	.....
Transportation equipment	do.	8,351	8,415	8,161	8,501	8,709	8,642	8,321	8,404	7,817	7,770	7,725	7,929	8,415	*8,682	8,693	.....
Work in process #	do.	66,837	74,060	68,397	69,585	70,594	71,411	71,891	71,126	73,113	73,209	73,037	73,733	74,060	*76,207	76,943	.....
Primary metals	do.	7,013	6,949	6,869	6,996	7,141	7,315	7,398	7,232	7,184	6,919	6,796	6,989	6,949	*7,359	7,511	.....
Machinery, except electrical	do.	16,952	17,409	17,264	17,451	17,736	17,931	17,716	17,867	17,918	17,706	17,407	17,481	17,407	*17,741	17,980	.....
Electrical machinery	do.	10,064	11,363	10,385	10,518	10,631	10,662	10,729	10,915	10,995	11,090	11,208	11,244	11,363	*11,491	11,875	.....
Transportation equipment	do.	17,832	22,748	18,772	19,155	19,477	19,644	20,469	20,524	21,489	22,149	22,448	22,663	22,748	*23,792	23,950	.....
Finished goods #	do.	35,994	38,340	36,669	37,195	38,197	38,531	38,336	38,717	38,832	38,475	38,378	38,403	38,340	*37,943	38,180	.....
Primary metals	do.	5,379	5,290	5,542	5,532	5,599	5,451	5,292	5,309	5,280	5,178	5,241	5,253	5,290	*5,123	5,208	.....
Machinery, except electrical	do.	8,940	10,097	9,244	9,195	9,674	10,113	10,110	10,349	10,231	10,403	10,232	10,220	10,097	*10,064	10,280	.....
Electrical machinery	do.	4,598	4,721	4,894	4,880	5,079	5,047	4,961	4,971	4,854	4,839	4,790	4,782	4,721	*4,796	4,811	.....
Transportation equipment	do.	3,733	4,066	3,697	3,791	3,935	3,916	3,898	4,023	4,199	4,031	4,117	3,949	4,066	*3,901	3,966	.....
Nondurable goods industries, total #	do.	76,569	82,586	79,782	81,395	82,663	82,795	83,226	83,230	82,436	82,924	82,739	83,113	82,586	*83,470	85,040	.....
Food and kindred products	do.	20,397	21,362	20,505	20,431	20,292	20,102	20,272	20,830	21,867	21,337	21,527	21,756	21,362	*21,050	21,187	.....
Tobacco products	do.	3,503	3,524	3,506	3,506	3,475	3,505	3,529	3,618	3,575	3,722	3,723	3,771	3,524	*3,739	3,746	.....
Textile mill products	do.	5,844	6,187	5,962	6,096	6,143	6,149	6,085	5,940	5,850	5,876	5,975	6,068	6,187	*6,256	6,326	.....
Paper and allied products	do.	6,795	7,478	7,156	7,296	7,416	7,479	7,598	7,442	7,550	7,475	7,443	7,473	7,478	*7,673	7,820	.....
Chemicals and allied products	do.	16,982	18,516	18,429	18,677	19,274	19,451	19,330	18,964	18,517	18,489	18,358	18,610	18,516	*18,810	19,116	.....
Petroleum and coal products	do.	6,581	8,396	7,297	8,062	8,388	8,384	8,763	8,885	8,811	8,894	8,495	8,333	8,396	*8,585	9,157	.....
Rubber and plastics products	do.	4,777	4,474	4,840	4,954	5,098	4,986	4,817	4,769	4,520	4,470	4,488	4,393	4,474	*4,498	4,661	.....
By stage of fabrication:																	
Materials and supplies	do.	30,257	32,369	31,418	31,967	32,322	32,406	32,338	32,314	31,461	31,918	32,139	32,142	32,369	*32,866	33,576	.....
Work in process	do.	11,774	12,973	12,269	12,687	12,774	12,708	12,611	12,634	12,620	12,725	12,551	12,560	12,973	*13,170	13,293	.....
Finished goods	do.	34,538	37,244	36,095	36,741	37,567	37,681	38,277	38,282	38,355	38,281	38,049	38,411	37,244	*37,434	38,171	.....
By market category: †																	
Home goods and apparel	mil. \$.	17,584	18,118	17,838	18,168	18,419	18,413	18,286	18,008	17,985	17,845	17,882	17,880	18,118	*18,297	18,505	.....
Consumer staples	do.	29,749	31,199	30,090	30,420	30,418	30,351	30,418	31,018	30,978	31,071	31,317	31,773	31,199	*31,460	31,760	.....
Equip. and defense prod., excl. auto	do.	61,621	69,967	63,716	64,718	66,205	67,180	67,819	68,824	69,295	69,213	69,615	69,813	69,967	*71,105	71,576	.....
Automotive equipment	do.	10,347	9,223	10,114	10,183	10,428	10,019	9,647	9,847	9,262	9,347	9,981	9,073	9,223	*9,306	9,312	.....
Construction materials and supplies	do.	19,646	20,035	19,572	20,166	20,165	20,095	19,954	19,327	19,707	19,649	19,491	19,704	20,035	*20,109	20,206	.....
Other materials and supplies	do.	89,311	95,951	93,766	94,867	96,905	97,344	97,506	97,081	96,290	96,490	95,590	95,847	95,951	*98,131	99,824	.....
Supplementary series:																	
Household durables	do.	9,180	9,155	9,234	9,311	9,495	9,397	9,267	9,132	9,160	9,058	9,014	9,002	9,155	*9,170	9,240	.....
Capital goods industries	do.	68,640	78,209	71,106	72,777	73,741	74,668	75,730	76,569	76,956	77,401	77,805	78,117	78,209	*80,034	80,647	.....
Nondefense	do.	59,178	66,171	61,488	62,102	63,464	64,217	64,782	65,661	65,779	66,091	66,158	66,284	66,171	*67,585	68,039	.....
Defense	do.	9,462	12,038	9,618	10,075	10,277	10,451	10,588	10,908	11,177	11,310	11,647	11,833	12,038	*12,449	12,608	.....
New orders, net (not seas. adj.), total †	do.	1,732,015	1,809,772	1,569,922	1,591,145	1,464,900	1,389,924	1,455,566	1,363,338	1,441,119	1,599,886	1,655,762	1,555,859	1,544,798	*1,521,011	1,633,436	.....
Durable goods industries, total	do.	926,580	914,731	822,330	82,642	74,452	67,663	71,700	67,191	68,832	81,060	86,228	78,070	78,431	*76,042	82,357	.....
Nondurable goods industries, total	do.	805,435	895,041	747,112	76,503	72,038	71,261	73,866	69,147	75,287	78,826	79,534	77,789	76,367	*76,059	81,079	.....
New orders, net (seas. adj.), total †	do.	1,732,015	1,809,772	1,569,922	1,591,145	1,464,900	1,389,924	1,455,566	1,363,338	1,441,119	1,599,886	1,655,762	1,555,859	1,544,798	*1,521,011	1,633,436	.....
By industry group:																	
Durable goods industries, total	do.	926,580	914,731	81,021	77,546	72,416	67,328	66,454	74,228	72,229	78,960	80,693	81,047	82,654	*81,336	81,453	.....
Primary metals	do.	142,882	138,680	13,086	11,141	9,680	8,373	8,947	10,811	11,412	12,554	13,745	13,029	12,899	*10,977	12,317	.....
Blast furnaces, steel mills	do.	69,121	65,461	5,893	5,162	4,124	3,356	3,881	4,721	5,644	6,255	7,183	7,071	6,784	*5,208	6,120	.....
Nonferrous and other primary met	do.	59,802	61,144	5,966	4,930	4,649	4,368	4,250	5,290	4,854	5,292	5,478	4,872	5,008	*4,674	5,142	.....
Fabricated metal products	do.	111,622	110,702	10,224	9,738	8,862	8,333	8,076	8,621	8,522	8,903	10,121	9,884	10,514	*9,705	10,044	.....
Machinery, except electrical	do.	163,304	167,648	14,247	14,000	11,651	12,701	13,085	14,177	12,931	14,817	14,806	14,822	15,100	*16,545	15,374	.....
Electrical machinery	do.	115,785	127,506	11,440	11,109	10,737	10,022	9,941	9,677	10,790	9,977	11,098	11,459	10,565	*11,420	11,643	.....
Transportation equipment	do.	216,523	189,192	16,005	16,345	17,510	14,320	12,672	16,362	14,175	17,487	15,007	15,957	17,169	*16,164	15,327	.....
Aircraft, missiles, and parts	do.	65,796	62,897	4,387	5,558	8,576	6,188	4,810	5,682	3,794	5,272	3,286	4,624	4,997	*5,467	4,008	.....
Nondurable goods industries, total	do.	805,435	895,041	73,581	74,519	70,897	71,592	72,128	72,876	74,951	76,302	77,361	77,728	79,503	*80,754	79,863	.....
Industries with unfilled orders †	do.	171,502	183,602	15,071	15,594	14,702	14,456	14,582	15,099	15,370	15,879	15,807	15,469	15,953	*15,761	16,015	.....
Industries without unfilled orders †	do.	633,933	711,439	58,510	58,925	56,195	57,136	57,546	57,777	59,581	60,423	61,554	62,259	63,550	*64,993	63,848	.....
By market category: †																	
Home goods and apparel	do.	126,005	132,744	11,687	11,145	10,570	10,283	10,613	10,880	10,744	11,051	11,535	11,359	11,249	*11,821	12,347	.....
Consumer staples	do.	298,939	324,792	25,978	26,132	25,105	26,135	26,712	27,107	28,168	28,569	27,947	27,897	29,046	*28,558	28,006	.....
Equip. and defense prod., excl. auto	do.	258,447	275,139	22,076	23,597	23,186	22,307	20,802	21,728	21,722	25,049	22,514	23,121	25,073	*25,848	23,745	.....
Automotive equipment	do.	149,571	125,609	11,963	10,237	8,948	8,348	8,359	10,444	10,205	10,854	12,073	11,760	11,546	*11,026	11,473	

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

GENERAL BUSINESS INDICATORS—Continued

BUSINESS INCORPORATIONS †															
New incorporations (50 States and Dist. Col.):															
Unadjusted..... number..	524,565	533,520	41,569	45,007	44,479	43,436	41,420	46,151	41,865	44,923	49,023	39,691	48,940	.....	.....
Seasonally adjusted..... do..	.....	.....	44,583	42,615	42,461	41,974	39,746	44,058	43,266	46,488	47,225	43,834	51,807	.....	.....
INDUSTRIAL AND COMMERCIAL FAILURES ‡															
Failures, total..... number..	7,564	11,742	677	925	1,068	975	1,094	1,141	1,009	926	1,323	860	1,015	.....	.....
Commercial service..... do..	930	1,594	68	120	143	130	143	154	126	121	211	130	150	.....	.....
Construction..... do..	1,378	2,355	149	192	214	202	210	215	221	190	282	168	190	.....	.....
Manufacturing and mining..... do..	1,165	1,599	99	135	143	128	139	164	160	134	147	104	150	.....	.....
Retail trade..... do..	3,183	4,910	291	381	437	405	483	492	400	363	532	373	421	.....	.....
Wholesale trade..... do..	908	1,284	70	97	131	110	119	116	102	118	151	85	104	.....	.....
Liabilities (current), total..... thous. \$.	2,667,362	4,635,080	190,788	274,238	428,150	381,146	436,680	445,693	345,408	1,002,944	359,242	239,344	288,298	.....	.....
Commercial service..... do..	347,749	413,502	9,407	21,973	29,986	35,129	32,913	43,610	46,133	26,842	50,288	54,564	27,466	.....	.....
Construction..... do..	291,323	752,109	37,170	47,810	134,025	84,405	130,391	49,079	60,678	41,318	59,971	29,822	46,720	.....	.....
Manufacturing and mining..... do..	970,178	1,885,017	72,131	119,010	126,688	120,038	80,461	178,373	108,231	804,390	106,539	59,565	65,828	.....	.....
Retail trade..... do..	636,859	993,539	54,369	60,332	96,317	78,183	123,589	84,811	81,570	56,491	86,849	62,195	124,397	.....	.....
Wholesale trade..... do..	421,253	590,913	17,711	25,113	41,134	63,391	69,026	89,820	48,496	73,903	55,595	33,198	23,887	.....	.....
Failure annual rate (seasonally adjusted)															
No. per 10,000 concerns..	27.8	42.1	27.5	36.2	42.2	39.3	48.7	52.0	45.4	45.0	56.8	39.2	46.8	.....	.....

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS															
Prices received, all farm products..... 1910-14=100..	602	615	598	585	563	570	582	617	643	653	652	660	662	659	*657 646
Crops #..... do..	501	542	497	496	491	505	513	544	568	584	583	609	613	622	*621 616
Commercial vegetables..... do..	548	561	487	542	584	581	555	524	555	576	569	623	640	695	*796 830
Cotton..... do..	490	602	562	547	534	564	530	632	676	687	636	655	663	649	*603 569
Feed grains and hay..... do..	360	417	368	367	366	381	391	423	445	458	464	478	489	491	492 481
Food grains..... do..	403	452	441	431	425	434	428	443	455	458	482	499	498	497	*492 469
Fruit..... do..	534	470	458	467	459	472	520	463	444	482	510	493	438	432	415 466
Tobacco..... do..	1,148	1,228	1,188	1,204	1,206	1,210	1,210	1,204	1,204	1,291	1,235	1,248	1,331	1,296	1,296 1,297
Livestock and products #..... do..	708	691	702	679	637	637	653	694	721	724	722	714	713	697	*693 676
Dairy products..... do..	736	798	783	777	777	771	764	771	783	807	838	856	863	863	*856 850
Meat animals..... do..	938	878	921	876	803	810	839	894	932	921	907	877	867	848	*845 817
Poultry and eggs..... do..	252	253	230	233	219	211	218	255	271	284	279	288	297	279	275 270
Prices paid:															
All commodities and services..... do..	725	810	780	791	790	793	801	809	819	828	835	847	851	862	(*) 859
Production items..... do..	722	803	778	789	784	784	791	799	813	824	830	838	840	851	854
All commodities and services, interest, taxes, and wage rates (parity index)..... 1910-14=100..	850	956	926	937	937	940	948	956	967	976	982	990	994	1,016	1,020 1,027
Parity ratio \$..... do..	71	64	65	62	60	61	61	65	66	67	66	67	67	65	65 63
CONSUMER PRICES ¶ (U.S. Department of Labor Indexes)															
Not Seasonally Adjusted															
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W) ¶..... 1967=100..	217.7	247.0	236.5	239.9	242.6	245.1	247.8	248.0	249.6	251.9	254.1	256.4	258.7	260.7	263.5 265.2
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U) ¶..... 1967=100..	217.4	246.8	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	260.5	263.2 265.1
Special group indexes:															
All items less shelter..... do..	210.8	235.5	226.6	229.6	231.7	233.4	234.9	236.4	238.5	241.0	242.1	243.6	245.2	247.6	251.2 253.3
All items less food..... do..	213.0	244.0	233.5	237.1	239.9	242.6	245.5	245.1	246.3	248.6	250.9	253.2	255.5	257.6	260.4 262.3
All items less medical care..... do..	216.1	245.5	236.0	238.4	241.1	243.6	246.4	245.5	248.1	250.4	252.6	254.9	257.1	259.2	261.9 263.7
Commodities..... do..	208.4	233.9	225.2	228.0	229.9	231.4	232.8	234.1	236.7	239.0	240.7	242.5	243.8	245.4	248.3 249.8
Nondurables..... do..	215.9	245.0	236.3	240.3	242.2	243.2	244.5	245.9	248.3	250.2	251.0	252.4	254.1	256.9	262.3 265.2
Nondurables less food..... do..	198.7	235.2	227.3	232.6	234.6	235.5	236.3	238.6	237.8	239.3	239.6	240.5	242.0	245.3	253.2 257.5
Durables..... do..	191.1	210.4	202.1	203.0	204.9	207.1	208.6	209.8	212.4	215.3	218.1	220.6	221.0	223.0	228.0 231.8
Commodities less food..... do..	195.1	222.0	213.8	216.7	218.6	220.2	221.4	222.2	224.2	226.6	228.3	230.0	231.0	232.4	235.4 237.0
Services..... do..	234.2	270.3	256.8	261.3	265.3	269.2	274.2	272.4	272.5	274.8	277.9	280.9	284.7	287.7	290.1 292.5
Services less rent..... do..	244.9	285.1	270.2	275.4	280.0	284.4	290.0	287.6	287.4	289.8	293.2	296.4	300.7	304.2	306.9 309.5
Food #..... do..	234.5	254.6	244.9	247.3	249.1	250.4	252.0	254.8	258.7	261.1	262.4	264.5	266.4	268.6	270.8 272.2
Food at home *..... do..	232.9	251.5	241.3	243.6	245.3	246.5	248.0	251.5	256.3	258.9	260.0	262.1	263.9	265.6	267.3 268.6
Housing..... do..	227.6	263.3	250.5	254.5	257.9	261.7	266.7	265.1	265.8	267.7	271.1	273.8	276.9	279.1	280.9 282.6
Shelter #..... do..	239.7	281.7	267.2	271.6	276.0	280.2	286.3	282.9	283.3	285.3	290.4	294.7	298.5	300.1	300.5 301.6
Rent..... do..	176.0	191.6	185.6	186.6	187.0	188.9	191.1	192.1	193.2	195.1	197.1	198.3	199.6	200.9	201.9 203.0
Homeownership..... do..	262.4	314.0	296.3	302.0	307.7	312.9	320.4	315.4	315.4	317.6	323.8	329.4	334.2	335.8	336.8 338.8
Fuel and utilities #..... do..	239.3	278.6	263.8	268.0	270.5	275.9	282.2	285.5	286.8	288.2	287.6	285.7	289.9	296.7	304.5 308.4
Fuel oil, coal, and bottled gas..... do..	403.1	556.0	539.1	553.4	556.4	556.0	558.7	560.4	561.5	561.5	558.7	567.0	565.3	625.9	675.6 693.4
Gas (piped) and electricity..... do..	257.8	301.8	278.8	284.0	288.0	298.2	308.8	314.3	316.1	318.4	317.1	310.5	313.9	318.5	322.9 326.7
Household furnishings and operation..... do..	190.3	205.4	199.0	201.3	203.0	204.2	205.5	206.2	207.2	209.2	210.1	211.0	211.6	212.6	214.9 216.9
Apparel and upkeep..... do..	166.6	178.4	171.9	176.0	177.3	177.5	177.2	176.2	178.6	182.2	183.9	184.8	183.9	181.1	182.0 185.1
Transportation..... do..	212.0	249.7	239.6	243.7	246.8	249.0	249.7	251.0	252.7	254.7	256.1	259.0	261.1	264.7	270.9 273.5
Private..... do..	212.3	249.2	239.8	244.0	247.0	249.2	249.7	250.5	251.6	253.2	254.5	257.4	259.4	262.9	269.4 271.7
New cars..... do..	166.0	179.3	175.3	175.0	177.0	178.9	178.5	179.2	181.1	181.7	181.9	184.3	184.5	185.3	184.8 182.9
Used cars..... do..	201.0	208.1	195.3	195.2	196.7	199.3	200.7	203.4	206.4	214.6	222.7	230.8	234.4	234.0	234.3 235.4
Public..... do..	200.3	251.6	229.5	232.1	235.9	239.5	242.2	250.5	261.5	271.0	273.6	277.0	280.1	286.4	288.1 293.9
Medical care..... do..	239.7	265.9	257.9	260.2	262.0	263.4	264.7	266.6	268.4	270.6	272.8	274.5	275.8	279.5	282.6 284.7
Seasonally Adjusted †															
All items, percent change from previous month..... 1967=100..	.....	.....	1.3	1.3	0.9	0.9	1.0	0.1	0.8	1.0	1.0	1.1	1.0	0.7	1.0 0.6
Commodities..... do..	.....	.....	226.1	228.6	229.7	230.7	231.6	233.0	235.9	238.9	241.1	243.5	245.2	246.6	249.2 250.5
Commodities less food..... do..	.....	.....	214.9	217.5	218.5	219.5	220.3	221.3	223.4	225.9	228.0	230.0	231.3	233.6	236.8 238.1
Food..... do..	.....	.....	244.9	247.0	248.3	249.3	250.5	252.9	257.6	262.0	264.4	267.6	270.2	269.8	270.6 271.6
Food at home..... do..	.....	.....	240.8	243.0	244.0	244.9	245.8	248.7	254.6	259.8	262.2	265.6	268.0	266.9	266.8 267.9

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980												1981		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
COMMODITY PRICES—Continued																	
PRODUCER PRICES \$ (U.S. Department of Labor Indexes)																	
Not Seasonally Adjusted																	
Spot market prices, basic commodities:																	
22 Commodities 1967=100..	'277.1	'283.5	294.1	285.3	272.5	264.1	260.3	274.6	288.7	292.8	296.6	298.4	287.7	281.7	273.4	275.1	
9 Foodstuffs..... do.....	'255.6	'264.3	257.2	245.0	235.0	244.4	250.0	270.0	283.7	284.8	290.3	289.4	272.6	267.7	258.5	255.0	
13 Raw industrials..... do.....	'293.0	'297.9	322.5	316.9	301.9	278.5	267.5	277.6	292.1	298.3	300.8	304.7	298.4	291.6	284.2	289.8	
All commodities..... do.....	235.6	'268.8	260.2	261.9	262.8	264.2	265.6	270.4	273.8	274.6	277.8	'279.1	280.3	283.5	286.9	289.6	
By stage of processing: †																	
Crude materials for further processing..... do.....	274.3	'304.4	298.5	293.6	286.2	289.3	288.4	304.3	317.0	319.3	322.6	'324.6	320.8	321.3	335.5	333.0	
Intermediate materials, supplies, etc..... do.....	243.2	'280.3	271.9	274.3	275.7	277.0	278.8	281.6	284.3	285.3	287.7	'289.1	291.7	295.5	297.8	301.4	
Finished goods #..... do.....	217.7	'246.9	237.7	240.0	242.1	243.4	244.9	249.3	251.4	251.4	255.5	'256.2	256.9	259.8	262.4	265.3	
Finished consumer goods..... do.....	217.9	'248.9	239.7	242.2	243.7	245.2	246.8	251.7	254.1	254.1	257.0	'257.9	258.6	261.4	264.0	267.3	
Capital equipment..... do.....	216.5	'239.7	230.5	232.2	236.2	236.7	237.8	240.6	241.9	241.8	249.2	'250.2	250.8	253.9	256.3	257.8	
By durability of product:																	
Durable goods..... do.....	226.9	'251.4	247.1	246.6	247.7	247.1	248.7	251.2	253.1	253.7	258.4	'258.6	260.8	261.9	263.1	264.5	
Nondurable goods..... do.....	241.7	'282.4	270.2	273.1	274.0	277.6	278.8	285.6	290.3	291.2	293.0	'295.2	295.8	300.7	306.0	310.0	
Total manufactures..... do.....	228.8	'261.5	253.2	255.2	257.0	258.3	259.8	263.0	265.7	265.8	269.6	'270.5	271.9	276.4	278.7	281.0	
Durable manufactures..... do.....	226.1	'250.7	245.7	245.6	246.7	246.7	248.5	251.0	252.7	253.1	257.8	'257.9	260.2	261.5	262.7	264.0	
Nondurable manufactures..... do.....	231.1	'272.9	260.8	265.2	267.9	270.7	271.7	275.9	279.5	279.5	'282.1	'284.0	284.2	292.5	295.5	301.0	
Farm prod., processed foods and feeds..... do.....	229.8	'244.6	237.0	234.9	229.3	233.8	234.3	246.6	255.1	256.5	259.4	'260.5	256.5	257.3	254.9	253.1	
Farm products #..... do.....	241.4	'249.4	242.3	239.3	228.9	233.5	233.4	254.3	263.8	267.0	263.6	264.9	265.3	264.4	262.3	260.6	
Fruits and vegetables, fresh and dried..... do.....	229.0	'238.6	220.6	218.5	223.2	244.0	233.5	252.0	254.0	266.2	240.9	'246.6	244.7	257.7	270.4	291.6	
Grains..... do.....	214.8	'239.0	223.3	217.9	210.8	219.0	215.3	244.8	256.5	260.6	269.2	'270.9	265.2	277.7	267.5	261.8	
Live poultry..... do.....	194.3	'202.1	184.6	180.1	171.9	171.3	166.6	227.2	224.5	241.0	222.9	221.0	218.9	213.1	220.8	213.5	
Livestock..... do.....	260.3	'252.7	257.2	251.8	230.5	233.3	240.0	260.5	275.7	266.8	263.0	254.8	251.4	244.3	244.6	239.3	
Foods and feeds, processed #..... do.....	222.5	'241.1	233.1	231.6	228.6	233.1	233.9	241.5	249.4	249.8	256.1	'257.2	250.8	252.4	250.0	248.1	
Beverages and beverage materials..... do.....	210.7	'232.8	224.8	225.9	227.9	231.2	234.3	234.6	237.1	236.1	239.5	'240.6	238.1	240.4	242.2	242.8	
Cereal and bakery products..... do.....	210.3	'236.0	229.9	231.8	232.4	234.7	233.2	234.7	235.8	238.3	241.5	'245.3	248.5	250.8	251.7	251.9	
Dairy products..... do.....	211.2	'230.6	220.8	223.0	227.5	228.5	229.5	230.1	232.6	233.7	238.0	'240.2	242.7	245.2	245.5	245.5	
Fruits and vegetables, processed..... do.....	221.9	'228.7	223.3	223.7	224.6	225.4	227.2	229.8	230.7	231.3	233.8	'234.7	237.1	237.4	244.1	251.8	
Meats, poultry, and fish..... do.....	242.0	'243.0	239.6	239.2	226.0	224.5	226.6	248.5	259.9	257.8	256.0	'250.9	248.0	248.8	243.9	242.0	
Industrial commodities..... do.....	236.5	'274.7	265.9	268.6	271.3	271.9	273.5	276.2	278.2	278.8	282.0	'283.4	286.1	289.9	294.8	298.9	
Chemicals and allied products #..... do.....	222.3	'260.3	248.7	252.8	259.8	262.5	262.8	263.3	264.4	263.4	264.8	'266.7	267.9	273.6	277.2	279.4	
Agric. chemicals and chem. prod..... do.....	214.4	'257.0	248.0	256.1	258.5	258.5	257.6	258.7	260.0	260.6	260.6	'261.1	262.8	265.8	271.3	274.8	
Chemicals, industrial..... do.....	264.0	'324.0	307.9	313.3	322.1	328.5	329.5	328.7	330.0	327.5	330.0	'332.7	334.6	342.8	349.4	352.5	
Drugs and pharmaceuticals..... do.....	159.4	'174.4	167.6	168.9	172.6	172.8	174.4	175.7	176.1	176.8	178.4	181.1	181.8	184.7	187.4	189.1	
Fats and oils, inedible..... do.....	376.7	'297.9	302.2	299.9	298.2	294.7	255.8	260.0	307.6	304.5	302.0	308.2	316.0	310.6	289.7	295.7	
Prepared paint..... do.....	204.4	'235.3	223.3	228.7	231.5	238.8	238.8	238.8	238.8	239.3	239.3	'241.4	241.7	243.3	246.9	246.9	
Fuels and related prod., and power #..... do.....	408.1	'573.6	532.7	553.5	566.6	572.1	576.5	585.5	590.6	593.5	592.9	'600.2	611.7	625.9	663.8	692.2	
Coal..... do.....	450.9	'467.3	459.6	461.7	465.2	466.5	466.6	467.5	468.7	471.3	470.7	'475.4	475.7	477.5	480.8	481.3	
Electric power..... do.....	270.2	'321.7	299.3	305.5	310.1	316.5	326.0	331.1	333.6	338.3	337.4	'333.8	337.9	341.7	345.4	350.4	
Gas fuels..... do.....	544.1	'760.5	716.6	716.6	730.1	745.1	749.2	762.1	772.6	786.2	802.2	'825.5	841.8	857.9	858.8	867.6	
Petroleum products, refined..... do.....	444.8	'674.6	620.4	659.0	678.0	680.9	681.7	693.9	697.6	696.4	690.4	'697.6	716.3	736.0	767.8	822.4	
Furniture and household durables #..... do.....	171.3	'187.7	185.6	185.7	184.4	185.4	186.5	188.0	188.9	189.5	190.9	'191.5	192.3	193.2	194.6	195.4	
Appliances, household..... do.....	160.9	'174.0	168.7	169.9	171.1	173.2	175.5	175.8	176.3	177.2	177.5	'178.5	178.2	181.0	182.3	183.0	
Furniture, household..... do.....	186.3	'204.7	198.5	198.9	200.3	203.0	204.0	206.5	208.0	208.5	209.8	'210.9	210.4	211.3	212.1	214.4	
Home electronic equipment..... do.....	91.3	'91.4	91.2	91.3	91.4	92.0	91.8	91.7	91.3	91.6	91.5	'91.2	91.0	91.0	91.7	91.3	
Hides, skins, and leather products #..... do.....	252.4	'248.8	250.9	246.8	243.5	240.7	240.9	245.1	251.3	247.8	251.2	'255.4	256.6	258.5	257.4	262.4	
Footwear..... do.....	218.0	'233.1	228.0	231.8	231.9	231.9	231.9	232.7	233.7	235.5	236.6	'237.5	237.1	238.6	240.8	240.5	
Hides and skins..... do.....	535.4	'370.9	404.8	348.7	328.6	289.7	315.7	356.6	398.4	356.1	381.5	409.1	392.8	377.8	367.3	.....	
Leather..... do.....	356.7	'310.6	340.3	311.0	297.6	290.4	284.4	292.2	314.2	298.1	301.9	317.3	332.4	332.6	310.0	322.5	
Lumber and wood products..... do.....	300.4	'288.9	294.7	294.9	275.6	272.1	279.8	289.2	296.1	292.2	289.0	293.4	299.4	296.6	294.5	293.6	
Lumber..... do.....	354.3	'325.8	341.4	340.6	310.1	301.4	313.0	327.2	333.7	328.0	320.6	'324.9	333.0	331.6	327.8	324.7	
Machinery and equipment #..... do.....	213.9	'239.7	230.2	232.5	236.4	237.6	239.2	241.5	242.6	244.7	246.8	'248.3	249.5	252.7	254.8	256.9	
Agricultural machinery and equip..... do.....	232.1	'258.9	249.9	252.0	254.4	256.4	257.1	258.6	259.9	263.9	265.4	'271.6	269.5	273.5	277.2	278.7	
Construction machinery and equip..... do.....	256.2	'289.4	278.3	279.5	284.2	285.9	287.6	291.5	293.4	295.7	299.1	'300.1	301.1	304.9	308.4	311.3	
Electrical machinery and equip..... do.....	178.9	'201.7	194.3	196.5	198.9	199.9	201.6	203.7	205.0	206.0	207.0	'207.5	208.9	211.9	213.6	215.9	
Metalworking machinery and equip..... do.....	241.3	'274.4	261.8	264.1	270.2	272.9	275.4	278.0	278.8	280.2	282.5	'283.9	285.6	289.3	291.2	294.7	
Metals and metal products #..... do.....	259.3	'286.4	288.9	286.8	284.4	281.8	281.9	282.5	285.1	287.3	291.9	'291.1	290.7	293.6	293.7	296.1	
Heating equipment..... do.....	187.1	'206.3	202.6	202.6	204.2	204.0	205.0	206.2	208.0	208.8	210.6	'212.0	212.6	215.4	216.1	217.6	
Iron and steel..... do.....</																	

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
COMMODITY PRICES—Continued																
PRODUCER PRICES—Continued (U.S. Department of Labor Indexes)—Continued																
Seasonally Adjusted																
By durability of product:																
Total manufactures..... 1967=100.....			253.5	255.5	256.2	257.3	259.3	262.5	266.0	265.7	268.5	270.5	273.3	(*)	.....	.....
Durable manufactures..... do.....			245.7	245.4	246.2	246.2	248.5	251.3	253.0	252.8	255.7	257.4	261.2	(*)	.....	.....
Nondurable manufactures..... do.....			261.6	265.7	266.8	269.4	270.1	274.5	279.5	279.4	282.4	285.3	285.9	(*)	.....	.....
PURCHASING POWER OF THE DOLLAR																
As measured by:																
Producer prices \$.....1967=\$1.00.....	0.459	0.405	0.421	0.417	0.413	0.411	0.408	0.401	0.398	0.398	*0.391	*0.390	0.389	0.385	0.381	0.377
Consumer prices \$.....do.....	*0.460	0.405	0.423	0.417	0.412	0.408	0.404	0.404	0.401	0.397	0.394	0.390	0.387	0.384	0.380	0.377

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION PUT IN PLACE @																
New construction (unadjusted), total..... mil. \$..	228,950	*228,705	15,842	17,003	17,909	18,873	19,706	19,975	20,483	21,156	*21,352	*20,365	*19,332	*16,821	16,090	
Private, total #..... do.....	179,948	*173,578	12,538	13,365	13,869	14,212	14,568	14,522	15,054	15,418	*15,966	*15,717	*15,134	*13,113	12,619	
Residential..... do.....	99,030	*86,903	6,240	6,686	6,836	6,963	6,959	7,134	7,556	7,876	*8,154	*8,277	*7,424	*6,615	6,230	
New housing units..... do.....	78,587	62,794	4,687	4,905	4,731	4,695	4,753	4,993	5,405	5,783	6,061	6,182	5,365	*4,883	4,651	
Nonresidential buildings, except farm and public utilities, total #..... mil. \$..	47,298	51,891	3,817	3,969	4,202	4,373	4,543	4,375	4,503	4,473	4,676	4,529	4,481	*4,110	3,969	
Industrial..... do.....	14,950	14,023	1,094	1,113	1,106	1,174	1,274	1,153	1,187	1,178	1,178	1,157	1,265	*1,093	1,026	
Commercial..... do.....	24,924	29,340	2,110	2,209	2,419	2,500	2,564	2,504	2,580	2,529	2,702	2,586	2,474	*2,324	2,259	
Public utilities:																
Telephone and telegraph..... do.....	6,343	6,745	496	557	591	565	607	584	568	596	620	532	548	455		
Public, total #..... do.....	49,003	*55,128	3,304	3,638	4,040	4,661	5,139	5,453	5,429	5,738	*5,386	*4,648	*4,198	*3,708	3,470	
Buildings (excluding military) #..... do.....	15,857	*18,928	1,269	1,378	1,463	1,547	1,701	1,704	1,777	1,813	1,672	1,638	*1,645	*1,502	1,368	
Housing and redevelopment..... do.....	1,211	1,658	119	133	132	132	141	148	129	139	157	149	163	*150	147	
Industrial..... do.....	1,411	1,791	103	189	151	156	165	150	145	201	107	112	174	*181	135	
Military facilities..... do.....	1,640	*1,853	131	146	146	155	149	174	197	176	*153	*148	*145	*155	170	
Highways and streets..... do.....	11,915	13,472	526	574	843	1,186	1,497	1,590	1,488	1,637	1,644	1,135	786	*668	590	
New construction (seasonally adjusted at annual rates), total..... bil. \$..			248.8	237.1	225.8	218.9	215.0	214.3	215.1	223.7	*228.8	*235.8	*247.4	*261.9	252.5	
Private, total #..... do.....			191.7	180.6	171.5	164.8	161.3	158.6	162.1	167.9	*173.8	*182.2	*189.2	*196.4	192.4	
Residential..... do.....			101.5	94.0	83.5	77.0	73.4	74.3	78.6	84.4	*89.2	*97.0	*100.2	*103.2	101.0	
New housing units..... do.....			75.1	68.4	60.7	55.2	51.9	52.2	56.1	60.8	63.5	69.2	71.1	*75.4	74.5	
Nonresidential buildings, except farm and public utilities, total #..... bil. \$..			54.9	52.3	52.7	52.9	52.9	49.4	49.1	49.0	50.2	51.1	54.6	*58.7	56.9	
Industrial..... do.....			15.7	13.9	13.6	14.2	15.0	13.3	13.0	13.1	13.0	13.4	15.1	*15.1	14.7	
Commercial..... do.....			30.7	29.9	30.9	30.1	29.6	28.1	28.0	27.4	28.4	28.9	30.4	*33.6	32.7	
Public utilities:																
Telephone and telegraph..... do.....			7.6	7.0	7.3	6.6	6.8	6.7	6.3	6.7	6.3	6.3	6.2	7.1		
Public, total #..... do.....			57.0	56.5	54.3	54.1	53.7	55.7	53.1	55.8	*55.0	*53.6	*58.2	*65.5	60.1	
Buildings (excluding military) #..... do.....			18.2	18.5	18.3	18.5	19.4	18.0	19.5	19.4	18.8	*19.5	20.9	*20.3	19.5	
Housing and redevelopment..... do.....			1.7	1.9	1.8	1.5	1.6	1.6	1.5	1.4	1.6	1.7	2.1	*2.3	2.1	
Industrial..... do.....			1.4	2.1	1.8	1.8	1.8	1.8	1.6	2.4	1.4	1.4	2.2	2.3	1.8	
Military facilities..... do.....			1.5	1.9	2.0	1.7	1.7	2.0	2.3	1.7	2.1	*1.8	*1.7	2.1	2.0	
Highways and streets..... do.....			15.7	13.6	14.4	13.2	14.0	13.8	11.3	13.8	13.6	12.4	13.7	*19.9	17.6	
CONSTRUCTION CONTRACTS																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																
Valuation, total..... mil. \$..	168,446	147,164	*10,183	11,286	11,071	11,135	12,425	13,466	15,146	13,077	13,886	13,296	12,513	10,467	10,405	
Index (mo. data seas. adj.) ‡..... 1972=100..	*186	*162	171	155	130	125	145	148	192	163	167	210	193	185	177	
Public ownership..... mil. \$..	46,646	41,351	*3,034	3,287	3,724	3,534	3,867	3,783	3,488	3,559	3,459	3,367	3,238	3,242	3,007	
Private ownership..... do.....	121,800	105,813	*7,148	7,999	7,348	7,601	8,558	9,684	11,657	9,518	10,428	9,929	9,275	7,225	7,399	
By type of building:																
Nonresidential..... do.....	50,206	52,345	*3,485	4,272	4,063	4,135	4,861	4,819	4,313	4,419	5,025	5,008	4,709	4,122	4,085	
Residential..... do.....	74,557	63,206	*4,365	4,584	4,373	4,495	5,092	6,105	5,897	6,069	6,785	5,847	5,570	4,207	4,206	
Non-building construction..... do.....	43,683	31,613	*2,333	2,429	2,635	2,505	2,471	2,542	4,936	2,589	2,076	2,441	2,235	2,139	2,114	
New construction planning (Engineering News-Record) §..... do.....	135,005	149,143	12,564	12,750	12,397	13,057	8,900	9,642	8,997	9,821	13,580	17,200	13,071	14,991	12,449	11,212
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total (private and public)..... thous..	1,749.1	1,298.5	80.6	86.1	96.6	92.1	116.8	120.7	130.3	139.3	153.0	113.5	96.4	85.1		
Privately owned..... do.....	1,745.1	1,292.2	79.9	85.1	96.2	91.7	116.4	120.1	129.9	138.3	152.7	112.9	95.9	*84.5	*72.3	107.3
One-family structures..... do.....	1,194.1	852.2	49.9	51.7	61.5	64.9	76.9	85.6	92.0	95.0	97.5	71.2	56.6	*48.0	*48.3	69.2
Seasonally adjusted at annual rates:																
Total privately owned @ @..... do.....			1,273	1,040	1,044	938	1,184	1,277	1,411	1,482	1,519	1,550	1,535	*1,660	*1,214	1,284
One-family structures @ @..... do.....			777	628	650	651	760	867	971	1,032	1,009	1,019	974	*993	*793	817
New private housing units authorized by building permits (16,000 permit-issuing places):																
Monthly data are seas. adj. at annual rates:																
Total..... thous..	1,552	1,182	1,168	968	789	825	1,078	1,236	1,361	1,564	1,333	1,355	1,235	1,228	*1,165	1,128
One-family structures..... do.....	982	704	708	556	473	495	628	781	857	914	819	812	743	715	*665	653
Manufacturers' shipments of mobile homes (Manufactured Housing Institute):																
Unadjusted..... thous..	277.4	221.5	18.9	19.3	18.2	15.5	15.4	17.0	20.0	21.5	23.6	17.8	16.0	15.8	17.3	
Seasonally adjusted at annual rates..... do.....			274	231	206	165	166	207	208	239	236	239	261	233	256	

See footnotes at end of tables.

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CONSTRUCTION AND REAL ESTATE—Continued

CONSTRUCTION COST INDEXES																
Dept. of Commerce composite 1972=100..	199.6	*220.9	215.4	216.0	216.3	218.8	222.6	223.7	223.9	224.3	*224.6	*225.2	*226.1	*227.3	227.8	
American Appraisal Co., The:																
Average, 30 cities 1913=100..	2,357	2,495	2,435	2,432	2,418	2,430	2,502	2,531	2,551	2,545	2,547	2,556	2,566	2,578	2,581	2,576
Atlanta do.....	2,506	2,660	2,606	2,600	2,561	2,563	2,672	2,726	2,735	2,717	2,711	2,715	2,723	2,773	2,781	2,788
New York do.....	2,431	2,553	2,536	2,533	2,510	2,509	2,528	2,580	2,589	2,577	2,575	2,579	2,587	2,621	2,639	2,629
San Francisco do.....	2,498	2,671	2,617	2,610	2,609	2,607	2,626	2,722	2,732	2,717	2,730	2,738	2,744	2,820	2,821	2,834
St. Louis do.....	2,424	2,343	2,289	2,286	2,261	2,259	2,367	2,383	2,398	2,384	2,395	2,399	2,406	2,396	2,357	2,346
Boeckh indexes:																
Average, 20 cities: @																
Apartments, hotels, office buildings 1972=100..	170.5	186.0	.....	179.9	.....	183.1	.....	187.8	.....	192.6	.....	194.0	.....	194.8	.....	197.1
Commercial and factory buildings do.....	179.0	195.2	.....	189.3	.....	191.7	.....	197.3	.....	201.8	.....	203.2	.....	204.7	.....	206.8
Residences do.....	176.6	186.0	.....	182.7	.....	185.0	.....	185.7	.....	188.8	.....	191.4	.....	192.6	.....	194.9
Engineering News-Record:																
Building 1967=100..	269.3	287.7	280.7	283.9	282.6	279.9	284.1	289.0	292.1	292.4	292.5	296.0	298.6	298.2	298.4	*298.0
Construction do.....	279.5	301.4	291.8	294.1	293.3	292.2	297.7	303.5	307.6	309.0	309.7	312.5	314.3	313.9	314.0	*315.0
Federal Highway Adm.—Highway construction:																
Composite (avg. for year or qtr.) 1967=100..	308.3	347.9	.....	336.9	.....	.....	360.2	.....	.....	345.4	.....	.....	349.7	.....	.....	.....
CONSTRUCTION MATERIALS																
Output indexes:																
Iron and steel products 1947-49=100..	165.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and wood products do.....	191.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland cement do.....	225.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
REAL ESTATE †																
Mortgage applications for new home construction:																
FHA net applications thous. units..	133.8	141.4	8.9	9.9	10.0	12.3	10.9	15.4	15.6	16.5	12.9	9.6	11.3	7.4	8.3	13.0
Seasonally adjusted annual rates do.....	.....	.....	121	119	110	116	123	163	186	185	137	133	176	129	119	148
Requests for VA appraisals do.....	216.1	202.2	16.6	15.7	14.9	14.8	17.4	22.3	21.0	20.3	19.8	12.9	11.3	12.5	14.9	17.3
Seasonally adjusted annual rates do.....	.....	.....	*204	180	*159	*166	*209	*246	*243	*242	*211	*188	169	177	191	190
Home mortgages insured or guaranteed by:																
Fed. Hous. Adm.: Face amount mil. \$..	18,166.74	16,458.53	1,401.68	1,287.33	1,367.96	926.69	918.70	1,324.06	1,506.58	1,461.37	1,584.55	1,242.93	1,351.14	955.33	849.36	983.70
Vet. Adm.: Face amount do.....	16,505.50	13,855.54	1,301.10	1,252.31	1,148.69	848.02	740.56	817.14	944.00	1,623.90	1,133.39	1,135.18	954.90	917.26	745.20	706.41
Federal Home Loan Banks, outstanding advances to member institutions, end of period mil. \$..	41,838	48,963	41,802	44,122	44,660	43,366	42,364	41,473	42,605	44,161	46,115	47,322	48,963	48,581	48,206	49,175
New mortgage loans of all savings and loan associations, estimated total mil. \$..	100,546	72,537	4,344	5,723	4,581	3,241	4,130	5,711	8,339	9,500	9,336	6,574	6,942	*4,285	3,535	.....
By purpose of loan:																
Home construction do.....	20,583	14,946	928	1,119	969	706	915	1,238	1,556	1,803	1,886	1,391	1,454	*1,029	870	.....
Home purchase do.....	62,740	42,957	2,544	3,547	2,793	1,848	2,374	3,498	5,208	5,708	5,552	3,821	3,748	*2,315	1,880	.....
All other purposes do.....	17,223	14,634	872	1,057	819	687	841	975	1,575	1,989	1,898	1,362	1,740	*941	785	.....

DOMESTIC TRADE

ADVERTISING																
McCann-Erickson national advertising index, seasonally adjusted:																
Combined index 1967=100..	274	.....	300	295	297	302	311	305	326	314	294	.....	.....	.....	.....	.....
Network TV do.....	312	.....	338	332	332	343	360	341	370	363	330	.....	.....	.....	.....	.....
Spot TV do.....	293	.....	301	293	342	339	329	335	349	360	354	.....	.....	.....	.....	.....
Magazines do.....	235	.....	263	266	236	252	263	243	280	253	227	.....	.....	.....	.....	.....
Newspapers do.....	246	.....	288	274	270	261	276	294	291	265	259	.....	.....	.....	.....	.....
Magazine advertising (Publishers Information Bureau):																
Cost, total mil. \$..	2,671.1	.....	217.4	255.7	261.3	266.9	234.4	170.8	175.3	251.0	275.2	311.5	254.3	.....	.....	.....
Apparel and accessories do.....	92.3	.....	4.7	10.0	13.2	8.9	5.9	5.3	7.8	15.9	13.0	11.9	9.7	.....	.....	.....
Automotive, incl. accessories do.....	223.7	.....	20.0	24.3	20.2	23.9	20.1	12.7	8.4	12.0	24.3	27.3	22.1	.....	.....	.....
Building materials do.....	46.6	.....	3.0	4.0	6.2	6.5	5.0	3.0	2.9	5.2	4.6	3.9	2.4	.....	.....	.....
Drugs and toiletries do.....	269.0	.....	20.4	21.6	25.4	28.3	24.9	21.0	23.6	27.8	25.9	27.4	22.6	.....	.....	.....
Foods, soft drinks, confectionery do.....	200.7	.....	19.7	19.5	18.8	15.3	17.3	15.2	13.4	14.4	19.6	29.4	18.4	.....	.....	.....
Beer, wine, liquors do.....	236.1	.....	15.2	19.5	20.3	20.2	22.9	13.7	11.9	16.7	22.0	27.6	36.9	.....	.....	.....
Household equip., supplies, furnishings do.....	130.8	.....	7.4	11.2	14.9	16.5	11.8	7.9	7.9	12.3	14.6	18.4	10.8	.....	.....	.....
Industrial materials do.....	69.9	.....	5.8	6.7	7.1	6.6	5.8	3.4	4.0	7.4	7.2	7.6	4.5	.....	.....	.....
Soaps, cleansers, etc do.....	35.7	.....	2.3	2.6	3.1	3.2	2.2	0.9	2.3	3.3	3.1	2.7	1.4	.....	.....	.....
Smoking materials do.....	281.2	.....	23.1	27.1	24.4	24.8	24.3	21.3	23.1	25.6	24.9	24.2	23.4	.....	.....	.....
All other do.....	1,085.2	.....	95.9	109.2	107.7	112.9	94.2	66.3	69.9	110.5	116.0	131.2	102.2	.....	.....	.....
Newspaper advertising expenditures (64 cities): †																
Total mil. \$..	7,529.0	8,192.3	636.5	743.7	669.4	706.7	695.2	586.3	675.0	650.2	738.4	810.0	680.5	671.2	703.8	.....
Automotive do.....	193.0	183.6	18.2	17.3	15.5	15.9	14.7	12.9	13.6	15.2	15.6	16.7	11.3	16.2	19.4	.....
Classified do.....	2,201.7	2,191.8	190.0	213.9	177.7	182.3	188.3	172.0	196.8	180.8	183.8	185.3	136.2	197.7	199.2	.....
Financial do.....	236.8	298.0	20.9	25.6	30.0	25.9	24.9	24.3	16.0	21.9	27.7	24.4	27.9	33.9	24.6	.....
General do.....	937.8	1,122.7	91.6	104.4	101.3	103.0	96.5	72.1	78.1	93.2	105.9	113.7	76.6	100.6	113.3	.....
Retail do.....	3,959.8	4,396.3	316.0	382.4	344.9	379.6	370.8	305.0	370.5	339.2	405.4	469.9	428.5	322.7	347.4	.....
WHOLESALE TRADE †																
Merchant wholesalers sales (unadj.), total mil. \$..	915,163	1,043,886	*79,421	*84,101	*83,106	*83,507	*81,607	*86,052	*86,311	*90,715	*99,023	*91,328	*97,659	*93,845	89,203	.....
Durable goods establishments do.....	410,079	438,439	*34,540	*36,737	*35,913	*34,947	*35,508	*35,757	*36,010	*38,112	*41,298	*36,679	*38,598	*35,927	36,601	.....
Nondurable goods establishments do.....	505,084	605,447	*44,881	*47,364	*47,193	*48,560	*46,099	*50,295	*50,301	*52,603	*57,725	*54,649	*59,061	*57,918	52,602	.....
Merchant wholesalers inventories, book value, end of year or month (unadj.), total mil. \$..	93,778	105,449	*96,956	*97,808	*97,467	*97,480	*97,785	*98,387	*100,205	*101,310	*104,277	*105,866	*105,449	*105,446	107,167	.....
Durable goods establishments do.....	59,198	66,716	*61,500	*62,489	*63,506	*64,620	*65,133	*64,730	*65,857	*65,137	*65,137	*65,857	*66,716	*66,230	68,254	.....
Nondurable goods establishments do.....	34,580	38,733	*34,456	*35,319	*33,961	*32,860	*32,652	*33,657	*34,311	*36,037	*39,140	*40,009	*38,733	*39,216	38,913	

See footnotes at end of tables.

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DOMESTIC TRADE—Continued																	
RETAIL TRADE																	
All retail stores: †																	
Estimated sales (unadj.), total †..... mil. \$.	894,343	956,655	'70,621	'75,998	'75,154	'79,202	'77,366	'79,860	'81,740	'77,579	'84,000	'83,816	'100,755	'77,361	'74,294	'83,894	
Durable goods stores #	304,809	297,926	'22,837	'24,160	'23,652	'24,247	'24,747	'26,032	'25,256	'24,506	'26,698	'25,121	'28,093	'23,239	'24,003	'28,319	
Building materials, hardware, garden supply, and mobile home dealers # mil. \$.	50,272	48,210	'3,200	'3,532	'3,899	'4,287	'4,259	'4,247	'4,289	'4,434	'4,672	'4,152	'3,971	'3,351	'3,368	'3,984	
Building materials and supply stores .. do....	35,255	33,682	'2,219	'2,409	'2,647	'2,865	'2,942	'3,028	'3,071	'3,215	'3,398	'2,936	'2,616	'2,360	2,333		
Hardware stores..... do.....	7,838	7,743	'500	'566	'647	'720	'666	'671	'641	'642	'692	'659	'825	'565	553		
Automotive dealers #	177,251	167,017	'13,770	'14,481	'13,595	'13,487	'14,098	'15,176	'14,211	'13,489	'15,027	'13,264	'13,016	'13,351	'14,411	'17,545	
Motor vehicle dealers	161,110	148,799	'12,549	'13,125	'12,037	'11,924	'12,542	'13,527	'12,600	'11,965	'13,330	'11,699	'11,365	'11,926	13,022		
Auto and home supply stores	16,141	18,218	'1,221	'1,356	'1,558	'1,563	'1,556	'1,649	'1,611	'1,524	'1,697	'1,548	'1,651	'1,425	1,389		
Furniture, home furn., and equip. #	41,868	43,198	'3,268	'3,406	'3,326	'3,444	'3,389	'3,636	'3,712	'3,626	'3,822	'4,048	'4,905	'3,616	'3,394	'3,676	
Furniture, home furnishings stores	25,692	26,228	'2,007	'2,092	'2,048	'2,123	'2,053	'2,172	'2,244	'2,170	'2,309	'2,421	'2,566	'2,152	2,031		
Household appliance, radio, TV	12,428	13,190	'935	'973	'956	'1,006	'1,044	'1,139	'1,119	'1,083	'1,126	'1,207	'1,634	'1,074	978		
Nondurable goods stores	589,534	658,729	'47,784	'51,838	'51,502	'54,955	'52,619	'53,828	'56,484	'53,073	'57,302	'58,695	'72,662	'54,122	'50,291	'55,575	
General merch. group stores	109,740	116,287	'6,887	'8,320	'8,614	'9,476	'8,713	'8,630	'9,640	'8,923	'10,105	'11,821	'18,365	'7,279	'7,183	'8,980	
Department stores	'88,520	94,185	'5,532	'6,723	'6,927	'7,682	'7,066	'6,974	'7,834	'7,299	'8,198	'9,642	'14,859	'5,873	'5,792	'7,325	
Variety stores	8,385	8,866	'553	'652	'712	'737	'679	'679	'741	'635	'735	'787	'1,397	'566	571		
Food stores	195,826	217,511	'16,560	'17,550	'17,223	'18,756	'17,838	'18,640	'19,115	'17,712	'18,853	'18,485	'20,212	'19,195	'17,439	'18,653	
Grocery stores..... do.....	182,365	202,065	'15,428	'16,325	'15,951	'17,478	'16,356	'17,343	'17,812	'16,474	'17,561	'17,195	'18,506	'17,830	'16,050	'17,191	
Gasoline service stations	73,202	94,470	'6,841	'7,433	'7,619	'8,008	'8,254	'8,504	'8,470	'7,982	'8,244	'7,951	'8,350	'8,047	'7,621	'8,318	
Apparel and accessory stores #	42,375	44,487	'2,723	'3,281	'3,475	'3,523	'3,295	'3,263	'3,913	'3,586	'3,931	'4,179	'6,335	'3,279	'2,890	'3,436	
Men's and boys' clothing	7,830	8,025	'479	'546	'574	'615	'633	'563	'683	'608	'702	'801	'1,283	'565	477		
Women's clothing, spec. stores, furriers do.....	15,802	16,991	'1,057	'1,276	'1,337	'1,358	'1,223	'1,272	'1,468	'1,409	'1,546	'1,582	'2,339	'1,258	1,139		
Shoe stores	7,127	8,040	'483	'626	'697	'656	'604	'577	'724	'693	'724	'750	'942	'614	528		
Eating and drinking places	79,576	86,612	'6,261	'6,913	'7,052	'7,488	'7,475	'7,635	'7,920	'7,276	'7,518	'7,142	'7,510	'7,065	'6,742	'7,546	
Drug and proprietary stores	28,107	31,557	'2,411	'2,447	'2,483	'2,598	'2,499	'2,518	'2,563	'2,507	'2,698	'2,655	'2,722	'2,563	'2,472		
Liquor stores	15,294	16,556	'1,231	'1,273	'1,269	'1,394	'1,348	'1,398	'1,420	'1,277	'1,347	'1,407	'1,926	'1,275	1,194		
Estimated sales (seas. adj.), total †			'78,899	'77,603	'76,404	'75,975	'77,843	'79,491	'79,829	'80,620	'81,552	'82,764	'83,443	'85,463	'86,851	'86,943	
Durable goods stores #			'26,139	'24,127	'23,011	'22,544	'23,589	'25,071	'24,593	'25,094	'25,293	'26,007	'25,983	'27,075	'28,506	'28,457	
Building materials, hardware, garden supply, and mobile home dealers # mil. \$.			'4,214	'3,917	'3,846	'3,828	'3,792	'3,808	'3,844	'4,039	'4,084	'4,251	'4,261	'4,596	'4,607	'4,417	
Building materials and supply stores .. do.....			'2,920	'2,719	'2,715	'2,698	'2,634	'2,633	'2,670	'2,820	'2,863	'2,963	'2,963	'3,246	3,196		
Hardware stores..... do.....			'654	'630	'614	'626	'622	'634	'633	'639	'646	'662	'689	'731	759		
Automotive dealers			'15,118	'13,517	'12,508	'12,142	'13,174	'14,451	'13,940	'14,173	'14,258	'14,593	'14,413	'14,965	'16,364	'16,533	
Motor vehicle dealers			'13,640	'12,119	'11,013	'10,646	'11,689	'12,871	'12,389	'12,661	'12,695	'13,042	'12,827	'13,355	'14,615		
Auto and home supply stores			'1,478	'1,398	'1,495	'1,496	'1,485	'1,580	'1,551	'1,512	'1,563	'1,551	'1,586	'1,610	1,749		
Furniture, home furn., and equip. #			'3,618	'3,568	'3,524	'3,524	'3,484	'3,626	'3,628	'3,702	'3,682	'3,802	'3,817	'4,016	'3,939	'3,886	
Furniture, home furnishings stores			'2,196	'2,148	'2,109	'2,115	'2,059	'2,144	'2,168	'2,233	'2,210	'2,267	'2,241	'2,404	2,332		
Household appliance, radio, TV			'1,061	'1,056	'1,051	'1,055	'1,084	'1,130	'1,099	'1,097	'1,093	'1,137	'1,151	'1,201	1,166		
Nondurable goods stores			'52,760	'53,476	'53,393	'53,431	'54,254	'54,420	'55,236	'55,526	'56,259	'56,757	'57,460	'58,388	'58,345	'58,496	
General merch. group stores			'9,447	'9,369	'9,266	'9,410	'9,417	'9,506	'9,722	'9,649	'9,940	'10,025	'10,093	'9,994	'10,339	'10,312	
Department stores	(*)		'7,641	'7,579	'7,489	'7,629	'7,622	'7,715	'7,905	'7,840	'8,045	'8,171	'8,146	'8,394	'8,429		
Variety stores			'734	'729	'726	'736	'736	'731	'740	'722	'739	'732	'738	'775	790		
Food stores			'17,161	'17,664	'17,725	'17,591	'17,953	'18,088	'18,405	'18,577	'18,592	'18,808	'19,098	'19,072	'19,071	'19,329	
Grocery stores..... do.....			'15,954	'16,457	'16,478	'16,365	'16,690	'16,805	'17,078	'17,250	'17,267	'17,457	'17,709	'17,601	'17,541	'17,870	
Gasoline service stations			'7,452	'7,624	'7,727	'7,737	'7,983	'7,918	'7,998	'7,990	'8,090	'8,130	'8,284	'8,497	'8,602	'8,549	
Apparel and accessory stores #			'3,588	'3,582	'3,574	'3,633	'3,687	'3,675	'3,785	'3,724	'3,771	'3,777	'3,789	'3,945	'3,993	'3,936	
Men's and boys' clothing			'631	'635	'613	'654	'679	'674	'736	'699	'702	'683	'666	'642	658		
Women's clothing, spec. stores, furriers do.....			'1,373	'1,366	'1,393	'1,387	'1,399	'1,404	'1,435	'1,416	'1,431	'1,438	'1,450	'1,549	1,554		
Shoe stores			'653	'654	'648	'664	'667	'663	'677	'670	'672	'687	'677	'728	752		
Eating and drinking places			'7,035	'7,069	'7,102	'7,044	'7,085	'7,096	'7,135	'7,276	'7,371	'7,416	'7,563	'7,885	'7,876	'7,836	
Drug and proprietary stores			'2,519	'2,523	'2,549	'2,580	'2,587	'2,604	'2,623	'2,667	'2,742	'2,760	'2,755	'2,815	'2,804	'2,812	
Liquor stores			'1,383	'1,385	'1,390	'1,379	'1,371	'1,346	'1,367	'1,348	'1,369	'1,371	'1,386	'1,390	1,403		
Estimated inventories, end of year or month: †																	
Book value (unadjusted), total mil. \$.	106,169	108,717	'106,311	'109,393	'110,867	'109,997	'109,544	'109,268	'108,482	'111,826	'117,264	'119,039	'108,717	108,392			
Durable goods stores #	52,691	51,159	'52,483	'53,522	'53,895	'53,108	'52,418	'51,306	'49,678	'51,457	'52,807	'51,159	51,893				
Building materials and supply stores .. do.....	8,609	8,695	'9,077	'9,299	'9,389	'9,109	'9,059	'8,878	'8,902	'8,927	'8,975	'8,909	8,695	8,747			
Automotive dealers	26,763	24,457	'26,058	'26,461	'26,300	'25,731	'24,983	'24,081	'22,159	'21,821	'22,913	'24,031	'24,457	24,945			
Furniture, home furn., and equip. do.....	8,146	8,008	'8,126	'8,223	'8,413	'8,391	'8,463	'8,269	'8,380	'8,420	'8,671	'8,525	'8,008	7,991			
Nondurable goods stores #	53,478	57,558	'53,828	'55,871	'56,972	'56,889	'57,036	'57,962	'58,863	'62,148	'65,807	'66,232	'57,558	56,499			
General merch. group stores	18,628	19,894	'19,188	'20,485	'21,181	'21,082	'21,363	'21,898	'23,439	'25,328	'25,460	'19,894	19,635				

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980											1981		
	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—Continued																
Estimated sales (unadjusted)—Continued																
Nondurable goods stores—Continued																
Food stores..... mil. \$.	102,496	113,214	8,607	9,126	8,890	9,761	9,003	9,608	9,898	9,209	9,940	9,764	*10,652	10,282		
Grocery stores..... do...	101,270	111,857	8,497	9,016	8,775	9,653	8,897	9,497	9,788	9,105	9,832	9,653	*10,486	10,151		
Apparel and accessory stores #..... do...	14,285	15,204	861	1,117	1,196	1,200	1,107	1,068	1,404	1,227	1,354	1,468	*2,312	983		
Women's clothing, specialty stores, furriers..... mil. \$.	5,876	6,191	354	464	491	503	450	467	554	496	555	595	*912	378		
Family clothing stores..... do...	3,455	3,664	198	244	244	282	270	259	347	282	325	359	*630	236		
Shoe stores..... do...	3,420	3,707	219	300	332	297	269	242	345	325	332	343	460	260		
Eating places..... do...	15,165	17,011	1,204	1,388	1,398	1,457	1,409	1,493	1,567	1,427	1,502	1,447	*1,505	1,419		
Drug stores and proprietary stores..... do...	13,720	15,665	1,140	1,174	1,211	1,286	1,237	1,260	1,292	1,233	1,297	1,330	*2,055	1,318		
Estimated sales (sea. adj.), total #..... do...			*25,937	*26,100	*26,073	*26,226	*26,570	*26,849	*27,344	*27,368	*27,752	*28,074	*28,359	28,477		
Auto and home supply stores..... do...			*289	*274	*287	*288	*284	298	298	298	*293	*295	*298	308		
Department stores..... do...			*7,225	*7,158	*7,083	*7,229	*7,235	*7,294	*7,475	*7,418	*7,620	*7,768	*7,735	7,754		
Variety stores..... do...			*543	*541	*543	*545	*549	546	*556	*550	*565	*558	*557	573		
Grocery stores..... do...			*8,760	*8,980	*9,093	*9,055	*9,239	*9,366	*9,512	*9,604	9,630	*9,672	*9,883	9,808		
Apparel and accessory stores..... do...			*1,232	*1,213	*1,210	*1,233	*1,244	*1,255	*1,278	*1,257	*1,291	*1,297	*1,324	1,330		
Women's clothing, spec. stores, furriers..... do...			504	*508	*508	*505	*509	513	*513	*518	*526	*528	*528	529		
Shoe stores..... do...			*302	*306	*302	*307	*301	*301	*311	*307	*313	*314	*317	328		
Drug stores and proprietary stores..... do...			*1,231	*1,232	*1,250	*1,282	*1,295	*1,318	*1,328	*1,340	*1,360	*1,361	*1,361	1,396		
All retail stores, accts. receivable, end of yr. or mo.: Total (unadjusted)..... mil. \$.	40,387		37,935	36,953	36,566	36,220	36,157	36,046	(*)							
Durable goods stores..... do...	11,391		10,730	10,454	10,914	10,832	10,973	11,138	(*)							
Nondurable goods stores..... do...	28,996		27,205	26,499	25,652	25,388	25,184	24,908	(*)							
Charge accounts..... do...	12,268		11,683	11,458	11,493	11,250	11,371	11,426	(*)							
Installment accounts..... do...	28,119		26,252	25,495	25,073	24,970	24,786	24,620	(*)							
Total (seasonally adjusted)..... do...	37,437		38,063	37,452	37,108	36,434	36,526	36,972	(*)							
Durable goods stores..... do...	11,194		11,321	10,888	11,066	10,793	10,790	10,938	(*)							
Nondurable goods stores..... do...	26,243		26,742	26,564	26,042	25,671	25,736	26,034	(*)							
Charge accounts..... do...	11,743		11,913	11,413	11,375	10,929	11,256	11,716	(*)							
Installment accounts..... do...	25,694		26,150	26,039	25,733	25,505	25,270	25,256	(*)							

LABOR FORCE, EMPLOYMENT, AND EARNINGS

POPULATION OF THE UNITED STATES																	
Total, incl. armed forces overseas ‡	mil.	227.64			227.00	227.18	227.44	227.64	227.84	228.07	228.28	228.48	228.65	228.81	228.98	229.12	
LABOR FORCE																	
Not Seasonally Adjusted																	
Labor force, total, persons 16 years of age and over.....	thous.	104,996	106,821	105,343	105,441	105,505	106,115	108,159	109,095	108,240	106,841	107,536	107,406	106,902	106,796	106,929	107,533
Armed forces	do	2,084	2,102	2,086	2,090	2,092	2,088	2,092	2,099	2,114	2,121	2,121	2,119	2,124	2,125	2,121	2,128
Civilian labor force, total.....	do	102,908	104,719	103,257	103,351	103,412	104,028	106,067	106,997	106,126	104,720	105,415	105,287	104,778	104,671	104,808	105,405
Employed	do	96,945	97,270	96,264	96,546	96,566	96,709	97,776	98,587	98,115	97,256	97,933	97,801	97,545	96,128	96,383	97,318
Unemployed	do	5,963	7,448	6,993	6,805	6,846	7,318	8,291	8,410	8,011	7,464	7,482	7,486	7,233	8,543	8,425	8,087
Seasonally Adjusted ¶																	
Civilian labor force, total.....	do			104,271	104,171	104,427	105,060	104,591	105,020	104,945	104,980	105,167	105,285	105,067	105,543	105,681	106,177
Participation rate *	percent.	63.7	63.8	63.9	63.7	63.8	64.1	63.8	63.9	63.8	63.8	63.8	63.8	63.6	63.8	63.8	64.0
Employed, total	thous.			97,817	97,628	97,225	97,116	96,780	96,999	97,003	97,180	97,206	97,339	97,282	97,696	97,927	98,412
Employment-population ratio *	percent.	59.3	58.5	59.2	59.0	58.7	58.5	58.3	58.3	58.2	58.3	58.2	58.2	58.1	58.3	58.4	58.6
Agriculture	thous.	3,297	3,310	3,329	3,337	3,362	3,352	3,323	3,267	3,210	3,399	3,319	3,340	3,394	3,403	3,281	3,276
Nonagriculture	do	93,648	93,960	94,488	94,291	93,963	93,764	93,458	93,732	93,793	93,781	93,887	93,999	93,888	94,294	94,646	95,136
Unemployed, total	do			6,454	6,543	7,202	7,944	7,811	8,021	7,942	7,800	7,961	7,946	7,785	7,847	7,754	7,764
Long term, 15 weeks and over	do	1,202	1,829	1,299	1,391	1,599	1,686	1,777	1,935	2,150	2,295	2,292	2,329	2,378	2,358	2,250	2,192
Rates (unemployed in each group as percent of civilian labor force in the group):																	
All civilian workers		5.8	7.1	6.2	6.3	6.9	7.6	7.5	7.6	7.8	7.4	7.6	7.5	7.4	7.4	7.3	7.3
Men, 20 years and over		4.1	5.9	4.7	5.0	5.8	6.4	6.4	6.6	6.5	6.6	6.4	6.4	6.2	6.0	6.0	5.9
Women, 20 years and over		5.7	6.3	5.8	5.8	6.2	6.5	6.4	6.6	6.5	6.2	6.7	6.7	6.8	6.7	6.5	6.6
Both sexes, 16-19 years		16.1	17.7	16.6	16.2	16.4	18.9	18.3	18.7	18.8	17.8	18.5	18.6	17.8	19.0	19.3	19.1
White		5.1	6.3	5.4	5.5	6.1	6.8	6.7	6.8	6.7	6.5	6.6	6.6	6.5	6.7	6.6	6.5
Black and other		11.3	13.2	11.7	11.9	12.6	13.6	13.5	13.9	13.7	14.1	14.2	14.0	14.0	12.9	13.1	13.7
Married men, spouse present		2.7	4.2	3.2	3.4	4.0	4.6	4.6	4.9	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.1
Married women, spouse present		5.1	5.8	5.4	5.4	5.7	6.1	6.0	6.1	6.0	5.7	6.0	5.9	5.8	6.2	5.8	6.0
Women who maintain families		8.3	9.1	8.5	8.6	9.0	8.3	8.5	8.8	9.0	9.0	10.2	9.9	10.4	10.5	9.6	9.4
Occupation:																	
White-collar workers		3.3	3.7	3.4	3.4	3.7	3.8	3.7	3.7	3.7	3.8	3.9	3.9	4.0	3.9	3.7	3.9
Blue-collar workers		6.9	10.0	7.9	8.2	9.6	10.9	11.1	11.3	11.1	10.8	10.8	10.7	10.5	10.2	10.1	9.8
Industry of last job (nonagricultural):																	
Private wage and salary workers		5.7	7.4	6.2	6.3	7.0	8.0	8.0	8.0	8.0	7.8	7.8	7.8	7.7	7.5	7.5	7.3
Construction		10.2	14.2	10.9	13.1	14.5	16.6	15.6	15.8	17.3	15.9	14.6	14.8	13.8	13.3	13.2	14.7
Manufacturing		5.5	8.5	6.7	6.6	7.9	9.7	9.7	9.8	9.3	9.2	9.2	8.9	8.8	8.4	8.4	8.0
Durable goods		5.0	8.9	6.5	6.5	8.3	10.4	10.9	10.7	10.1	10.0	9.5	9.0	9.0	8.3	8.5	7.9
EMPLOYMENT †																	
Employees on payrolls of nonagricultural estab.: Total, not adjusted for seasonal variation	thous.	89,886	90,652	89,781	90,316	90,761	90,849	91,049	89,820	90,072	90,729	91,332	91,693	91,846	*90,082	*90,236	*90,759
Private sector (excl. government)	do	73,966	74,481	73,489	73,871	74,110	74,293	74,655	74,270	74,706	74,965	75,080	75,302	75,494	*73,948	*73,868	*74,366
Seasonally Adjusted †																	
Total employees, nonagricultural payrolls.....	do	89,886	90,652	91,186	91,144	90,951	90,468	90,047	89,867	90,142	90,384	90,710	90,961	91,125	*91,481	*91,644	*91,645
Private sector (excl. government)	do	73,966	74,481	75,099	74,983	74,567	74,195	73,817	73,710	73,998	74,275	74,551	74,797	74,980	*75,346	*75,483	*75,541
Nonmanufacturing industries	do	52,904	54,116	54,142	54,045	53,925	53,909	53,803	53,882	54,058	54,231	54,394	54,515	54,668	*55,001	*55,110	*55,172
Goods-producing	do	26,504	25,857	26,623	26,476	26,121	25,745	25,422	25,163	25,312	25,476	25,636	25,811	25,892	*26,041	*25,987	*25,978
Mining	do	960	1,025	1,007	1,009	1,012	1,023	1,029	1,013	1,013	1,028	1,037	1,054	1,072	*1,086	*1,094	*1,093
Construction	do	4,483	4,468	4,659	4,629	4,467	4,436	4,379	4,322	4,359	4,404	4,442	4,475	4,508	*4,610	*4,520	*4,516

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980												1981		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

EMPLOYMENT †—Continued																	
Seasonally Adjusted †																	
Employees on nonag. payrolls—Continued																	
Goods-producing—Continued																	
Manufacturing	thous.	21,062	20,365	20,957	20,938	20,642	20,286	20,014	19,828	19,940	20,044	20,157	20,282	20,312	*20,345	*20,373	*20,369
Durable goods	do.	12,772	12,218	12,715	12,707	12,442	12,140	11,947	11,819	11,860	11,955	12,043	12,146	12,160	*12,188	*12,193	*12,197
Lumber and wood products	do.	766	687	745	737	689	654	648	650	662	674	677	683	688	693	692	*690
Furniture and fixtures	do.	499	474	495	494	491	472	461	449	456	464	466	469	472	*475	*477	*478
Stone, clay and glass products	do.	710	668	705	700	680	663	647	641	648	655	656	661	660	*663	*661	*662
Primary metal industries	do.	1,250	1,133	1,214	1,209	1,193	1,144	1,096	1,049	1,059	1,074	1,096	1,119	1,133	*1,133	*1,133	*1,133
Fabricated metal products §	do.	1,724	1,627	1,711	1,711	1,678	1,620	1,584	1,551	1,569	1,587	1,595	1,606	1,608	*1,610	*1,610	*1,612
Machinery, except electrical	do.	2,482	2,488	2,529	2,530	2,518	2,517	2,476	2,448	2,437	2,452	2,469	2,475	2,480	*2,484	*2,493	*2,495
Electric and electronic equipment @	do.	2,124	2,127	2,168	2,176	2,167	2,127	2,094	2,079	2,083	2,091	2,107	2,120	2,135	*2,147	*2,152	*2,155
Transportation equipment §	do.	2,083	1,892	2,006	2,006	1,885	1,819	1,831	1,839	1,840	1,851	1,873	1,901	1,868	*1,866	*1,858	*1,857
Instruments and related products	do.	689	700	702	705	703	700	696	698	697	697	697	701	701	*702	*701	*700
Miscellaneous manufacturing	do.	446	422	440	439	438	424	414	415	409	410	407	411	415	*417	*416	*415
Nondurable goods	do.	8,290	8,147	8,242	8,231	8,200	8,146	8,067	8,009	8,080	8,089	8,114	8,136	8,152	*8,157	*8,180	*8,172
Food and kindred products	do.	1,728	1,689	1,713	1,704	1,690	1,691	1,677	1,683	1,690	1,672	1,682	1,686	1,684	*1,680	*1,684	*1,674
Tobacco manufactures	do.	70	69	68	68	69	70	71	69	67	68	69	71	70	*70	*71	*71
Textile mill products	do.	888	864	888	888	884	869	843	833	851	851	856	856	857	*858	*857	*857
Apparel and other textile products	do.	1,312	1,298	1,313	1,316	1,302	1,291	1,287	1,276	1,296	1,292	1,292	1,291	1,291	*1,289	*1,292	*1,291
Paper and allied products	do.	707	694	709	708	702	692	685	680	682	686	690	692	693	*694	*696	*695
Printing and publishing	do.	1,240	1,272	1,273	1,274	1,272	1,268	1,269	1,266	1,266	1,269	1,272	1,278	1,284	*1,284	*1,291	*1,293
Chemicals and allied products	do.	1,111	1,113	1,121	1,123	1,123	1,120	1,112	1,103	1,100	1,104	1,105	1,108	1,112	*1,115	*1,118	*1,117
Petroleum and coal products	do.	210	197	161	157	175	203	205	207	208	208	209	209	210	*213	*213	*214
Rubber and plastics products, nec	do.	776	711	751	749	740	703	681	663	680	692	699	705	711	*713	*716	*718
Leather and leather products	do.	248	240	245	244	243	239	237	229	240	240	240	240	240	*241	*242	*242
Service-producing	do.	63,382	64,795	64,563	64,668	64,830	64,723	64,625	64,704	64,890	64,908	65,074	65,150	65,233	*65,440	*65,657	*65,667
Transportation and public utilities	do.	5,141	5,155	5,198	5,202	5,178	5,167	5,134	5,114	5,129	5,124	5,147	5,132	5,137	*5,142	*5,147	*5,153
Wholesale and retail trade	do.	20,269	20,571	20,637	20,610	20,531	20,487	20,459	20,506	20,589	20,620	20,641	20,660	20,638	*20,762	*20,886	*20,915
Wholesale trade	do.	5,204	5,281	5,302	5,301	5,286	5,268	5,245	5,247	5,263	5,280	5,292	5,297	5,302	*5,315	*5,330	*5,332
Retail trade	do.	15,066	15,290	15,335	15,309	15,245	15,219	15,214	15,259	15,326	15,340	15,349	15,363	15,336	*15,447	*15,556	*15,583
Finance, insurance, and real estate	do.	4,974	5,162	5,101	5,115	5,119	5,137	5,150	5,167	5,180	5,194	5,214	5,225	5,245	*5,268	*5,274	*5,279
Services	do.	17,078	17,736	17,540	17,580	17,618	17,659	17,652	17,760	17,788	17,861	17,913	17,969	18,068	*18,133	*18,189	*18,216
Government	do.	15,920	16,171	16,087	16,161	16,384	16,273	16,230	16,157	16,144	16,109	16,159	16,164	16,145	*16,135	*16,161	*16,104
Federal	do.	2,773	2,867	2,826	2,886	3,115	2,960	2,951	2,893	2,828	2,765	2,788	2,790	2,789	*2,801	*2,787	*2,786
State and local	do.	13,147	13,304	13,261	13,275	13,269	13,313	13,279	13,264	13,316	13,344	13,371	13,374	13,356	*13,334	*13,374	*13,318
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjusted	thous.	60,442	60,589	59,784	60,106	60,311	60,458	60,730	60,349	60,749	60,991	61,086	61,267	61,427	*59,896	*59,808	*60,274
Manufacturing	do.	15,085	14,281	14,678	14,727	14,466	14,172	14,093	13,657	13,947	14,182	14,204	14,260	14,199	*14,049	*14,045	*14,129
Seasonally Adjusted †																	
Production or nonsupervisory workers on private nonagricultural payrolls †																	
Goods-producing	thous.	60,442	60,589	61,308	61,124	60,725	60,325	59,964	59,888	60,136	60,363	60,567	60,785	60,901	*61,206	*61,316	*61,342
Mining	do.	19,386	18,560	19,371	19,181	18,814	18,438	18,144	17,901	18,035	18,181	18,313	18,461	18,521	*18,657	*18,594	*18,601
Construction	do.	721	763	750	750	755	764	770	757	753	766	772	783	796	*806	*810	*813
Manufacturing	do.	3,581	3,516	3,750	3,581	3,509	3,488	3,443	3,385	3,410	3,443	3,476	3,499	3,530	*3,630	*3,546	*3,533
Durable goods	do.	15,085	14,281	14,871	14,850	14,550	14,186	13,931	13,759	13,872	13,972	14,065	14,179	14,195	*14,221	*14,238	*14,255
Lumber and wood products	do.	9,120	8,470	8,967	8,961	8,686	8,386	8,205	8,084	8,123	8,212	8,288	8,381	8,386	*8,410	*8,408	*8,427
Furniture and fixtures	do.	653	575	629	621	577	544	538	542	553	563	566	571	577	*580	*578	*575
Stone, clay, and glass products	do.	407	383	403	401	398	380	369	359	366	374	376	378	381	*383	*386	*385
Primary metal industries	do.	560	518	553	549	530	513	498	492	498	505	506	511	510	*512	*510	*511
Fabricated metal products §	do.	984	870	945	941	924	877	832	793	822	817	838	860	873	*874	*874	*873
Machinery, except electrical	do.	1,304	1,207	1,286	1,286	1,252	1,195	1,166	1,136	1,152	1,170	1,178	1,189	1,191	*1,190	*1,191	*1,197
Electric and electronic equipment @	do.	1,632	1,601	1,649	1,649	1,630	1,622	1,586	1,561	1,551	1,568	1,578	1,578	1,575	*1,581	*1,588	*1,596
Transportation equipment §	do.	1,394	1,354	1,408	1,413	1,400	1,358	1,320	1,305	1,309	1,315	1,323	1,335	1,347	*1,355	*1,359	*1,362
Instruments and related products	do.	1,427	1,228	1,336	1,339	1,220	1,159	1,172	1,172	1,171	1,181	1,207	1,238	1,206	*1,208	*1,200	*1,204
Miscellaneous manufacturing	do.	420	418	423	427	423	419	415	414	415	414	414	416	417	*416	*413	*414
Nondurable goods	do.	340	317	335	335	332	319	309	310	306	305	302	305	309	*311	*309	*310
Food and kindred products	do.	5,965	5,811	5,904	5,889	5,864	5,800	5,726	5,675	5,749	5,760	5,777	5,798	5,809	*5,811	*5,830	*5,828
Tobacco manufactures	do.	1,187	1,156	1,177	1,169	1,157	1,157	1,143	1,149	1,157	1,140	1,149	1,154	1,152	*1,149	*1,153	*1,145
Textile mill products	do.	55	54	53	53	54	55	55	54	52	54	54	54	54	*54	*55	*55
Apparel and other textile products	do.	774	752	775	775	771	756	731	721	739	740	743	744	745	*744	*744	*744
Paper and allied products	do.	1,124	1,109	1,123	1,100	1,111	1,100	1,097	1,093	1,107	1,108	1,104	1,104	1,103	*1,101	*1,104	*1,102
Printing and publishing	do.	536	524	538	537	532	522	515	509	512	515	519	521	523	*524	*525	*526
Chemicals and allied products	do.	701	715	719	717	715	709	711	708	710	714	712	716	721	*720	*724	*728
Petroleum and coal products	do.	633	627	637	636	637	632	625	616	615	619	619	623	624	*627	*629	*629
Rubber and plastics products, nec	do.	137	124	91	88	109	131	131	132	133	133	133	133	134	*136	*137	*137
Leather and leather products	do.	607	548	584	582	573	537	518	502	521	533	540	544	550	*552	*554	*557
Service-producing	do.	211	203	207	200	205	201	200	191	203	204	204	204	203	*204	*205	*205
Transportation and public utilities	do.	41,057	42,028	41,937	41,943	41,911	41,887	41,820	41,987	42,101	42,182	42,254	42,324	42,380	*42,549	*42,722	*42,741

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS

1979	1980	1980												1981		
Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

AVERAGE HOURS PER WEEK †—Cont.																
Seasonally Adjusted—Continued																
Average weekly hours per worker—Cont.																
Manufacturing—Continued																
Durable goods—Continued																
Fabricated metal products §	40.7	40.4	40.8	40.7	40.8	39.9	39.7	39.6	40.1	40.4	40.4	40.6	40.6	40.7	40.5	40.6
Machinery, except electrical	41.8	41.1	41.5	41.3	41.5	41.0	40.7	40.6	40.8	40.9	40.7	41.0	41.0	41.3	40.8	41.1
Electric and electronic equipment @	40.3	39.8	40.3	40.0	39.9	39.5	39.2	39.0	39.4	39.5	39.9	40.0	40.2	40.4	39.7	39.9
Transportation equipment §	41.1	40.6	40.8	40.4	40.5	39.7	39.5	39.6	40.9	40.6	40.8	41.4	41.3	41.9	40.4	41.2
Instruments and related products	40.8	40.5	40.9	40.4	40.7	40.3	40.4	40.1	40.1	40.1	40.2	40.5	40.5	41.0	40.6	40.7
Miscellaneous manufacturing	38.8	38.7	39.1	38.6	38.5	38.3	38.2	38.3	38.6	38.9	38.7	38.6	39.0	39.0	38.8	38.7
Nondurable goods																
Overtime hours	39.3	39.0	39.4	39.0	39.1	38.9	38.6	38.5	38.7	38.8	39.0	39.0	39.3	39.7	39.3	39.2
Food and kindred products	3.1	2.8	2.9	3.0	3.0	2.6	2.5	2.6	2.8	2.7	2.8	2.9	3.0	3.1	3.0	2.9
Tobacco manufactures	39.9	39.7	39.7	39.3	39.6	39.9	39.6	39.7	39.8	39.7	39.6	39.8	39.8	40.3	40.0	39.6
Textile mill products	38.0	38.2	37.9	37.7	38.2	38.2	37.3	38.5	37.3	37.5	39.5	38.9	37.2	39.7	39.7	37.6
Apparel and other textile products	40.4	40.1	41.1	40.8	40.3	39.7	39.1	38.8	39.2	39.7	39.9	40.0	40.3	40.5	40.2	39.9
Paper and allied products	35.3	35.4	35.9	35.3	35.8	35.3	35.2	35.1	35.1	35.1	35.3	35.0	35.6	36.0	35.7	35.8
Nondurable goods																
Paper and allied products	42.6	42.3	42.9	42.6	42.5	41.7	41.4	41.4	41.8	42.2	42.2	42.6	43.0	43.1	42.9	42.8
Printing and publishing	37.5	37.1	37.4	37.2	37.2	37.1	36.8	36.9	37.1	36.9	37.1	36.8	37.4	37.7	37.4	37.2
Chemicals and allied products	41.9	41.5	41.9	41.8	41.5	41.3	41.1	40.8	41.0	41.3	41.4	41.7	41.7	41.8	41.8	41.6
Petroleum and coal products	43.8	41.7	40.7	39.7	41.1	42.5	42.3	42.2	42.2	42.7	43.1	43.2	43.2	43.4	43.6	43.7
Rubber and plastics products, nec	40.5	40.0	40.0	39.9	40.1	39.3	39.2	39.0	40.2	40.1	40.4	40.8	40.9	41.3	40.2	40.5
Leather and leather products	36.5	36.7	37.2	36.9	37.3	36.7	36.7	36.1	36.5	36.2	36.5	36.2	36.6	37.1	37.0	37.3
Transportation and public utilities †																
Transportation and public utilities †	39.9	39.6	39.4	39.5	39.5	39.3	39.6	39.9	39.7	39.7	39.8	39.7	40.0	39.4	39.5	39.5
Wholesale and retail trade																
Wholesale and retail trade	32.6	32.1	32.4	32.3	32.0	32.1	31.9	31.8	32.0	32.1	32.2	32.2	32.1	32.3	32.2	32.2
Wholesale trade	38.8	38.5	38.8	38.5	38.5	38.6	38.0	38.0	38.2	38.5	38.5	38.6	38.7	38.8	38.7	38.6
Retail trade	30.6	30.2	30.4	30.3	30.0	30.1	30.0	29.8	30.1	30.1	30.2	30.2	30.0	30.2	30.2	30.2
Finance, insurance, and real estate †																
Finance, insurance, and real estate †	36.2	36.2	36.3	36.3	36.2	36.1	36.4	36.2	36.3	36.1	36.3	36.3	36.3	36.3	36.4	36.3
Services																
Services	32.7	32.6	32.7	32.7	32.6	32.5	32.6	32.6	32.6	32.5	32.6	32.7	32.6	32.5	32.6	32.6
AGGREGATE EMPLOYEE-HOURS †																
Seasonally Adjusted																
Employee-hours, wage & salary workers in non-agric. establish, for 1 week in the month, seas adj. at annual rate																
Total private sector	169.04	169.87	171.41	170.93	170.49	169.27	168.42	167.63	168.44	169.07	169.78	170.22	171.23	173.03	171.74	172.18
Mining	138.43	138.24	140.16	139.76	138.36	137.24	136.36	135.57	136.60	137.64	138.26	139.13	139.49	141.18	140.28	140.43
Construction	2.15	2.32	2.28	2.30	2.28	2.28	2.32	2.23	2.29	2.34	2.31	2.40	2.50	2.57	2.55	2.48
Manufacturing	8.92	8.67	9.13	8.90	8.52	8.52	8.56	8.34	8.32	8.62	8.57	8.66	8.70	9.26	8.54	8.79
Transportation and public utilities	43.94	42.17	43.81	43.60	42.84	41.80	41.05	40.59	40.98	41.31	41.65	42.08	42.29	42.70	42.31	42.36
Wholesale and retail trade	10.69	10.63	10.74	10.77	10.71	10.63	10.51	10.54	10.50	10.56	10.65	10.60	10.64	10.64	10.61	10.64
Finance, insurance, and real estate	34.29	34.50	34.66	34.51	34.39	34.37	34.15	33.98	34.44	34.56	34.74	34.83	34.66	35.09	35.12	35.06
Services	9.38	9.74	9.63	9.71	9.65	9.66	9.77	9.71	9.76	9.79	9.85	9.89	9.92	9.96	10.01	10.00
Government	29.07	30.20	29.91	29.98	29.98	29.97	30.01	30.17	30.32	30.46	30.48	30.67	30.76	30.95	31.14	31.10
Private nonagric. payrolls, total	30.61	31.63	31.25	31.17	32.13	32.03	32.06	31.84	31.43	31.52	31.09	31.74	31.85	31.85	31.45	31.75
Indexes of employee-hours (aggregate weekly): †																
Private nonagric. payrolls, total	125.6	124.5	126.9	126.0	124.8	123.4	122.5	121.9	123.0	123.7	124.5	125.2	125.5	126.8	126.2	126.5
Goods-producing	109.4	103.7	109.1	107.3	105.2	102.2	100.3	98.5	100.0	101.5	102.3	103.7	104.4	106.4	103.9	104.8
Mining	155.0	165.0	162.1	162.9	161.7	163.2	166.4	158.7	162.4	166.7	168.0	170.4	175.6	175.4	175.1	172.9
Construction	128.1	126.3	134.7	126.9	124.7	124.3	123.7	120.6	120.5	124.7	124.5	126.0	126.8	135.3	124.6	128.6
Manufacturing	104.5	97.6	102.8	101.8	99.8	96.1	93.8	92.5	94.2	95.2	96.1	97.4	98.0	98.9	97.8	98.2
Durable goods	108.1	98.8	105.8	105.0	101.6	96.6	94.0	92.4	94.1	95.5	96.6	98.5	98.9	99.8	98.2	99.2
Nondurable goods	99.2	95.9	98.4	97.3	97.2	95.4	93.5	92.5	94.3	94.7	95.4	95.8	96.7	97.6	97.1	96.8
Service-producing	136.8	139.0	139.2	139.0	138.3	138.1	137.9	138.2	139.0	139.2	139.9	140.2	140.2	140.9	141.6	141.6
Transportation and public utilities	114.0	113.2	113.7	113.9	113.5	112.6	112.6	112.8	112.6	112.7	113.5	112.8	113.8	111.9	112.3	112.3
Wholesale and retail trade	131.1	130.9	132.7	131.8	130.4	130.3	129.1	128.9	130.4	130.9	131.4	131.6	130.9	132.3	133.0	133.0
Finance, insurance, and real estate	133.4	133.5	135.6	134.5	134.1	133.7	130.8	131.0	131.9	133.3	133.6	134.0	134.5	135.0	134.9	134.7
Services	130.1	129.9	131.5	130.7	129.9	129.0	128.5	128.0	129.8	130.0	130.6	130.6	129.4	131.3	132.2	132.4
Private nonagric. payrolls, total	145.7	150.8	149.3	149.6	149.4	149.7	151.2	151.1	151.8	151.1	152.4	152.6	153.2	153.7	153.2	153.8
Services	152.8	158.9	157.2	157.6	157.6	157.4	159.8	159.1	159.4	159.3	160.0	161.2	161.4	162.4	163.4	163.5
HOURLY AND WEEKLY EARNINGS †																
Average hourly earnings per worker: †																
Not seasonally adjusted:																
Private nonagric. payrolls	6.16	6.66	6.46	6.51	6.53	6.57	6.61	6.64	6.68	6.80	6.86	6.93	6.94	7.03	7.06	7.10
Mining	8.50	9.18	8.90	8.95	9.10	9.08	9.16	9.08	9.18	9.32	9.37	9.51	9.58	9.78	9.86	9.88
Construction	9.27	9.93	9.61	9.68	9.69	9.77	9.81	9.91	10.05	10.19	10.25	10.25	10.35	10.43	10.40	10.40
Manufacturing	6.69	7.27	7.00	7.06	7.09	7.13	7.20	7.29	7.30	7.43	7.49	7.59	7.69	7.73	7.74	7.79
Excluding overtime	6.43	7.02	6.75	6.81	6.85	6.91	6.98	7.07	7.05	7.16	7.23	7.32	7.40	7.46	7.47	7.52
Durable goods	7.13	7.76	7.46	7.54	7.56	7.60	7.69	7.77	7.78	7.93	8.02	8.13	8.24	8.25	8.26	8.32
Excluding overtime	6.83	7.50	7.19	7.26	7.31	7.38	7.46	7.55	7.53	7.66	7.74	7.83	7.92	7.96	7.99	8.04
Lumber and wood products	6.08	6.56	6.33	6.35	6.28	6.40	6.56	6.72	6.76	6.80	6.79	6.79	6.82	6.84	6.83	6.83
Furniture and fixtures	5.06	5.48	5.32	5.37	5.39	5.42	5.49	5.52	5.54	5.58	5.59	5.62	5.69	5.70	5.73	5.76
Stone, clay, and glass products	6.85	7.51	7.14	7.27	7.34	7.45	7.53	7.60	7.64	7.69	7.74	7.82	7.83	7.87	7.90	7.95
Primary metal industries	8.97	9.77	9.44	9.45	9.53	9.61	9.65	9.82	9.84	9.97	10.09	10.28	10.35	10.36	10.53	10.60
Fabricated metal products §	6.84	7.43	7.14	7.24	7.27	7.32	7.42	7.42	7.48	7.62	7.68	7.75	7.86	7.87	7.89	7.97
Machinery, except electrical	7.32	8.04	7.69	7.76	7.81	7.91	7.97	8.05	8.07	8.28	8.36	8.44	8.57	8.59	8.62	8.66
Electric and electronic equipment @	6.32	6.96	6.71	6.78	6.79	6.78	6.87	6.96	7.02	7.14	7.20	7.29	7.39	7.42	7.46	7.48
Transportation equipment §	8.54	9.35	8.86	9.04	9.04	9.06	9.24	9.34	9.35	9.56	9.77	9.89	10.11	9.98	9.92	10.04
Instruments and related products	6.17	6.80	6.59	6.63	6.63	6.72	6.80	6.86	6.86	6.92	6.95	7.02	7.14	7.19	7.21	7.25
Miscellaneous manufacturing	5.03	5.45	5.30	5.34	5.37	5.40	5.42	5.46	5.46	5.51	5.55	5.60	5.72	5.81	5.80	5.81
Nondurable goods																
Overtime hours	6.00	6.53	6.27	6.30	6.36	6.42	6.48	6.60	6.62	6.69	6.72	6.80	6.86	6.94	6.95	6.98
Food and kindred products	5.78	6.31	6.06	6.08	6.15	6.22	6.28	6.38	6.39	6.44	6.48	6.55	6.61	6.69	6.71	6.74
Tobacco manufactures	6.27	6.86	6.64	6.68	6.75	6.82	6.84	6.89	6.90	6.93	6.95	7.09	7.13	7.21	7.24	7.27
Textile mill products	6.65	7.69	7.36	7.57	7.79	7.64	7.97	8.06	7.74	7.42	7.56	7.74	8.00	8.42	8.48	8.49
Apparel and other textile products	4.66	5.07	4.90	4.92	4.91	4.90	4.93	5.06	5.19	5.24	5.26	5.30	5.33	5.34	5.34	5.34
Paper and allied products	4.23	4.57	4.45	4.49	4.46	4.45	4.51	4.50	4.60	4.70	4.73	4.75	4.81	4.89	4.87	4.94
Printing and publishing	7.13	7.85	7.52	7.55	7.63											

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1979	1980	1980												1981		
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 †—Cont.																	
Average hourly earnings per worker—Cont.																	
Seasonally adjusted:																	
Private nonagricultural payrolls	dollars..	6.16	6.66	6.45	6.51	6.54	6.57	6.62	6.67	6.71	6.77	6.83	6.91	6.95	7.02	*7.05	*7.10
Mining	do.	8.50	9.18	8.90	8.95	9.10	9.08	9.16	9.08	9.18	9.32	9.37	9.51	9.58	9.78	*9.86	*9.88
Construction	do.	9.27	9.93	9.64	9.75	9.79	9.83	9.89	9.94	10.04	10.05	10.14	10.21	10.32	*10.40	*10.43	*10.40
Manufacturing	do.	6.69	7.27	6.99	7.06	7.11	7.15	7.22	7.30	7.36	7.42	7.49	7.58	7.63	*7.69	*7.73	*7.79
Transportation and public utilities	do.	8.17	8.88	8.58	8.62	8.71	8.72	8.75	8.90	8.95	9.04	9.20	9.26	9.31	*9.35	*9.44	*9.41
Wholesale and retail trade	do.	5.06	5.48	5.31	5.37	5.38	5.42	5.45	5.50	5.53	5.56	5.59	5.66	5.67	*5.73	*5.78	*5.82
Finance, insurance, and real estate	do.	5.27	5.78	5.60	5.68	5.68	5.70	5.77	5.77	5.82	5.87	5.91	6.01	6.00	*6.10	*6.20	*6.22
Services	do.	5.36	5.85	5.64	5.72	5.72	5.78	5.86	5.87	5.91	5.93	5.99	6.08	6.10	*6.16	*6.20	*6.22
Indexes of avg. hourly earnings, seas. adj.: †																	
Private nonfarm economy:																	
Current dollars	1967=100..	229.8	251.3	242.4	245.2	246.2	248.3	250.9	252.1	254.0	255.4	257.9	260.9	261.9	*264.4	*266.3	*268.5
1967 dollars †	do.	105.9	101.9	102.2	102.0	101.4	101.4	101.5	102.0	102.0	101.5	101.4	101.5	100.7	*101.0	100.8	*101.0
Mining	do.	263.9	287.6	278.5	280.9	283.7	284.2	286.3	285.3	288.9	290.4	294.4	298.7	302.3	*306.6	*308.9	*311.0
Construction	do.	222.0	236.3	229.8	232.2	233.0	234.2	235.3	236.7	239.0	239.3	241.6	243.0	245.3	*247.8	*247.8	*249.2
Manufacturing	do.	234.7	258.5	247.8	250.2	252.4	255.0	258.3	260.6	262.4	264.5	266.6	268.9	270.4	*272.6	*274.4	*276.5
Transportation and public utilities	do.	249.3	271.9	262.4	265.9	267.2	268.7	270.6	272.8	273.2	274.0	280.2	283.4	284.1	*285.9	*288.8	*290.7
Wholesale and retail trade	do.	223.8	242.6	235.2	237.8	238.0	239.8	241.8	243.5	245.3	246.5	247.7	250.9	250.9	*254.6	*256.4	*258.7
Finance, insurance, and real estate	do.	209.6	229.5	221.1	225.7	224.9	226.3	230.2	229.0	232.7	233.1	234.8	239.3	238.0	*240.2	*243.8	*246.8
Services	do.	227.8	248.2	239.7	242.7	243.0	245.7	248.4	247.6	249.8	251.7	254.2	258.5	259.4	*261.3	*263.6	*265.8
Hourly wages, not seasonally adjusted:																	
Construction wages, 20 cities (ENR): \$																	
Common labor	\$ per hr..	10.78	11.73	11.25	11.27	11.27	11.34	11.59	11.83	12.02	12.17	12.25	12.28	12.29	12.28	12.28	*12.36
Skilled labor	do.	14.22	18.42	14.82	14.82	14.82	14.91	15.20	15.49	15.70	15.79	15.91	15.95	16.04	16.07	16.07	*16.11
Farm (U.S.) wage rates, hired workers, by method of pay:																	
All workers, including piece-rate	\$ per hr..	3.39	3.66	.....	.....	3.61	.....	.....	3.54	.....	.....	3.85	.....	.....	4.12	.....	.....
All workers, other than piece-rate	do.	3.34	3.59	.....	.....	3.56	.....	.....	3.49	.....	.....	3.73	.....	.....	4.04	.....	.....
Workers receiving cash wages only	do.	3.58	3.82	.....	.....	3.77	.....	.....	3.74	.....	.....	3.92	.....	.....	4.36	.....	.....
Workers paid per hour, cash wages only	do.	3.41	3.67	.....	.....	3.60	.....	.....	3.62	.....	.....	3.83	.....	.....	4.09	.....	.....
Railroad wages (average, class I)	do.	8.93	9.92	9.65	9.57	9.55	9.51	9.52	10.11	10.28	10.31	10.25	10.49	10.39	10.51	.....	.....
Avg. weekly earnings per worker, private nonfarm: †																	
Current dollars, seasonally adjusted .....	.....	229.53	234.90	228.98	230.45	230.86	230.61	231.70	232.78	235.52	238.30	241.10	244.61	246.03	249.21	*248.87	*251.34
1967 dollars, seasonally adjusted † .....	.....	100.81	95.10	96.53	95.90	95.20	94.28	93.88	94.24	94.62	94.68	94.81	95.10	94.70	95.19	*94.20	*94.60
Spendable earnings (worker with 3 dependents):																	
Current dollars, seasonally adjusted .....	.....	194.40	206.25	201.76	202.87	203.18	202.99	203.82	204.64	206.72	208.83	210.95	213.62	214.69	215.81	*215.55	*217.41
1967 dollars, seasonally adjusted † .....	.....	89.34	83.51	85.06	84.42	83.79	82.99	82.59	82.85	83.05	82.97	82.95	83.06	82.64	82.43	*81.59	*81.83
Current dollars, not seasonally adjusted:																	
Private nonfarm, total	dollars..	219.30	235.10	226.75	229.15	228.55	229.95	233.33	234.39	237.14	240.04	242.16	244.63	247.06	*246.75	*247.10	*249.92
Mining	do.	365.50	396.58	384.48	388.43	389.48	387.72	394.71	380.45	395.66	405.42	407.60	413.69	422.48	*425.43	*425.95	*419.90
Construction	do.	342.99	367.41	343.08	350.42	355.62	360.51	371.80	373.61	374.87	386.20	388.48	377.20	383.99	*379.65	*384.00	*386.88
Manufacturing	do.	268.94	288.62	278.60	280.99	279.35	280.21	283.68	282.85	286.89	295.71	298.10	305.12	313.75	*308.43	*305.73	*311.60
Durable goods	do.	290.90	311.95	300.64	303.86	301.64	301.72	306.06	303.81	308.87	318.79	323.21	330.89	341.96	*333.30	*329.57	*337.79
Nondurable goods	do.	235.80	254.67	243.90	245.07	246.13	248.45	251.42	254.10	257.52	261.58	262.75	267.24	273.03	*271.35	*270.36	*272.92
Transportation and public utilities	do.	325.98	351.65	338.05	340.49	344.05	342.70	346.50	355.11	355.32	358.89	366.16	368.42	372.40	*368.39	*372.88	*371.70
Wholesale and retail trade	do.	164.96	175.91	170.98	172.80	171.72	172.90	175.39	178.10	179.20	178.48	179.44	180.48	181.76	*183.86	*184.81	*186.62
Wholesale trade	do.	247.93	268.35	259.97	263.16	263.81	265.27	265.49	267.02	269.18	272.58	274.77	277.92	281.64	*282.21	*282.65	*286.44
Retail trade	do.	138.62	147.38	142.44	142.56	142.56	144.12	146.83	149.82	151.10	149.00	149.40	150.60	152.20	*152.81	*153.92	*154.96
Finance, insurance, and real estate	do.	190.77	209.24	203.28	206.18	205.62	205.77	210.03	208.87	211.27	211.91	214.53	218.16	217.80	*221.43	*225.68	*225.79
Services	do.	175.27	190.71	185.25	186.88	186.30	187.02	190.57	191.65	192.31	192.73	195.60	198.86	199.51	*202.15	*204.40	*205.38
HELP-WANTED ADVERTISING																	
Seasonally adjusted index	1967=100..	158	129	151	145	122	112	115	118	117	122	127	134	130	*129	129	.....
LABOR TURNOVER																	
Manufacturing establishments:																	
Unadjusted for seasonal variation:																	
Accession rate, total																	
mo. rate per 100 employees..	.....	4.0	3.5	3.3	3.5	3.1	3.4	3.9	3.8	4.5	4.3	3.6	2.7	2.2	3.4	3.0	.....
New hires	do.	2.9	2.1	2.2	2.3	2.1	2.1	2.4	2.1	2.5	2.6	2.2	1.6	1.2	1.8	1.8	.....
Separation rate, total	do.	4.0	4.0	3.5	3.7	4.6	4.8	4.4	4.2	4.8	4.1	3.7	3.0	3.1	*3.6	3.1	.....
Quit	do.	2.0	1.5	1.5	1.6	1.5	1.5	1.4	1.4	2.2	1.9	1.4	1.1	0.9	1.2	1.1	.....
Layoff	do.	1.1	1.7	1.2	1.3	2.3	2.5	2.2	2.0	1.7	1.4	1.5	1.3	1.6	*1.6	1.2	.....
Seasonally adjusted:																	
Accession rate, total	do.	.....	.....	3.9	3.6	3.0	3.0	3.3	3.4	3.6	3.8	3.8	3.6	3.6	3.5	3.6	.....
New hires	do.	.....	.....	2.8	2.5	2.1	1.8	1.8	1.9	1.9	2.1	2.1	2.1	2.2	2.2	2.3	.....
Separation rate, total	do.	.....	.....	4.0	4.3	5.3	5.7	5.1	3.8	3.9	3.5	3.4	3.3	3.3	*3.6	3.8	.....
Quit	do.	.....	.....	1.9	1.9	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.5	.....
Layoff	do.	.....	.....	1.3	1.5	2.9	3.5	2.9	1.7	1.9	1.5	1.4	1.2	1.1	*1.3	1.4	.....
UNEMPLOYMENT INSURANCE																	
Unemployment insurance programs:																	
Insured unemployment, all programs, average weekly # @																	
State programs (excl. extended duration prov.)	thous..	2,592	3,808	3,730	3,652	3,627	3,680	3,790	4,140	3,911	3,961	3,660	3,726	4,085	*4,621	4,264	.....
Initial claims	thous..	20,160	25,412	1,818	1,705	2,192	2,248	2,319	2,737	1,828	1,702	1,808	1,673	2,544	2,653	.....	.....
Insured unemployment, avg. weekly	do.	2,433	3,350	3,518	3,356	3,278	3,343	3,455	3,692	3,408	3,087	2,903	2,983	3,321	*3,844	3,669	.....
Percent of covered employment: @ @																	
Unadjusted .....	.....	3.0	2.9	4.1	3.9	3.8	3.9	4.0	4.3	3.9	3.6	3.3	3.4	3.8	4.4	4.2	.....
Seasonally adjusted .....	.....	.....	.....	3.1	3.4	3.7	4.3	4.7	4.5	4.4	4.4	4.1	3.8	3.5	3.4	3.2	.....
Beneficiaries, average weekly	thous..	2,033	2,844	3,048	3,136	2,884	2,796	2,962	3,130	3,026	2,656	2,488	2,381	2,738	3,234	.....	.....
Benefits paid @	mil. \$.	8,612.9	14,584.9	1,229.9	1,218.2	1,232.2	1,196.8	1,213.6	1,397.5	1,244.4	1,144.9	1,125.4	1,055.1	1,243.0	1,416.5	.....	.....
Federal employees, insured unemployment, average weekly																	
thous..	.....	28	29	32	30	25	22	20	26	25	29	32	35	37	41	40	.....
Veterans' program (UCX):																	
Initial claims	do.	282	267	21	21	21	20	23	27	23	25	23	17	21	19	.....	.....
Insured unemployment, avg. weekly	do.	52	55	58	63	52	50	45	58	55	56	53	54	55	57	54	.....
Beneficiaries, average weekly	do.	52	56	61	59	56	50	29	72	58	56	55	54	58	59	.....	.....
Benefits paid	mil. \$.	287.5	294.8	25.4	24.9	24.5	22.0	11.8	33.3	24.6	24.8	25.9	21.0	27.0	26.6	.....	.....
Railroad program:																	
Applications	thous..	107	162	7	5	4	6	24	44	13	10	9	7	11	13	5	.....
Insured unemployment, avg. weekly	do.	18	34	36	29	28	25	25	35	37	40	35	36	41	51	48	.....
Benefits paid	mil. \$.	82.5	176.1	14.6	13.9	13.0	10.0	10.1	13.3	17.3	18.8	17.8	14.3	18.0	23.3	22.0	

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1979	1980	1980												1981		
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LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

WORK STOPPAGES																
Industrial disputes:																
Number of stoppages:																
Beginning in month or year	number..	4,800	4,500	354	396	425	505	435	491	409	438	360	284	66	253	347
Workers involved in stoppages:																
Beginning in month or year	thous..	1,700	1,500	114	123	116	139	164	270	64	163	94	54	18	50	90
Days idle during month or year	do...	33,000	32,000	3,025	2,705	2,786	2,464	2,553	4,030	3,363	3,169	2,638	1,244	617	614	647

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances	mil. \$.	45,321	54,744	50,269	49,317	50,177	52,636	54,356	54,334	54,486	55,774	56,610	55,226	54,744	54,465	
Commercial and financial co. paper, total	do...	111,094	123,063	118,867	119,036	122,473	121,707	124,170	121,365	120,299	120,932	123,095	126,048	123,063	129,110	
Financial companies	do...	82,279	87,708	83,848	82,581	85,177	83,478	81,787	81,533	82,191	82,408	85,707	87,832	87,708	89,455	
Dealer placed	do...	17,663	19,945	18,052	18,390	18,973	18,451	18,257	17,667	18,445	18,654	19,443	20,169	19,945	20,908	
Directly placed	do...	64,616	67,763	65,796	64,191	66,204	65,027	63,530	63,866	63,746	63,754	66,264	67,663	67,763	68,547	
Nonfinancial companies	do...	28,815	35,355	35,019	36,455	37,296	38,229	42,383	39,832	38,108	38,524	37,388	38,216	35,355	39,655	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of period	mil. \$.	58,496	68,648	61,105	62,658	63,969	64,362	64,632	65,654	66,239	66,975	67,966	68,324	68,648	70,105	70,886
Farm mortgage loans:																
Federal land banks	do...	31,284	38,138	32,502	33,315	34,202	34,996	35,579	36,107	36,470	36,843	37,260	37,612	38,138	38,740	39,375
Loans to cooperatives	do...	8,091	9,506	9,091	9,196	9,046	8,264	7,584	8,033	8,388	8,902	9,988	10,261	9,506	10,323	10,056
Other loans and discounts	do...	19,122	21,005	19,513	20,147	20,722	21,102	21,469	21,514	21,381	21,230	20,718	20,451	21,005	21,042	21,455
Federal Reserve banks, condition, end of period:																
Assets, total #	mil. \$.	162,947	171,495	156,569	158,198	165,649	164,467	165,627	160,556	162,860	167,788	164,067	169,041	171,495	161,467	161,824
Reserve bank credit outstanding, total #	do...	135,092	137,644	130,141	131,303	135,544	136,950	138,182	132,648	134,462	134,437	135,029	139,576	137,644	129,492	129,152
Time loans	do...	1,454	1,809	3,364	2,502	4,770	602	215	562	1,515	982	1,567	2,284	1,809	1,249	656
U.S. Government securities	do...	117,458	121,328	115,171	116,657	118,825	124,277	124,515	119,563	119,848	120,711	121,482	120,812	121,328	117,169	117,621
Gold certificate account	do...	11,112	11,161	11,172	11,172	11,172	11,172	11,172	11,172	11,172	11,168	11,163	11,162	11,161	11,159	11,156
Liabilities, total #	do...	162,947	171,495	156,569	158,198	165,649	164,467	165,627	160,556	162,860	167,788	164,067	169,041	171,495	161,467	161,824
Deposits, total	do...	35,708	31,546	35,325	35,385	39,044	38,445	38,834	32,810	33,141	33,071	33,088	34,809	31,546	30,747	29,973
Member-bank reserve balances	do...	29,520	27,456	31,725	31,870	32,927	31,804	33,187	27,548	29,338	28,146	30,518	31,528	27,456	26,621	26,734
Federal Reserve notes in circulation	do...	113,355	124,241	109,170	110,597	111,524	113,118	114,502	115,654	116,925	117,144	118,248	121,191	124,241	118,147	118,854
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total	mil. \$.	143,972	140,097	43,156	43,352	44,877	43,968	43,479	42,859	40,373	41,164	41,815	41,678	40,097	41,514	39,650
Required	do...	143,578	140,067	42,966	42,907	44,683	43,785	43,268	42,575	40,071	40,908	41,498	40,723	40,067	41,025	39,448
Excess	do...	394	90	190	445	194	183	211	284	302	256	317	955	30	489	202
Borrowings from Federal Reserve banks	do...	1,473	1,617	1,655	2,428	2,465	1,028	380	395	659	1,311	1,335	2,156	1,617	1,405	1,004
Free reserves	do...	1,997	1,471	1,369	2,231	2,106	782	157	104	347	1,029	951	1,102	1,471	796	427
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.:																
Deposits: †																
Demand, adjusted \$	mil. \$.	122,610	119,584	103,241	110,963	104,700	100,692	110,723	107,393	108,966	112,467	108,156	111,706	119,584	100,185	95,658
Demand, total #	do...	219,155	228,967	185,763	202,048	201,144	194,911	208,631	187,725	204,290	208,621	191,810	207,817	228,967	185,566	183,252
Individuals, partnerships, and corp.	do...	155,734	158,722	128,528	139,869	134,331	132,409	141,960	131,371	142,783	145,288	135,213	143,831	158,722	127,940	123,777
State and local governments	do...	5,942	5,933	4,678	4,777	5,975	4,581	5,008	4,962	4,887	5,135	4,658	4,804	5,933	4,846	4,714
U.S. Government	do...	863	1,088	1,823	974	2,424	1,811	1,061	817	1,015	1,031	787	2,964	1,088	1,676	1,579
Domestic commercial banks	do...	35,975	41,710	32,018	34,766	37,598	35,489	39,637	30,413	36,559	37,552	34,457	36,804	41,710	34,044	35,230
Time, total #	do...	267,415	313,750	272,771	277,048	278,011	278,736	276,789	273,708	281,420	285,113	289,376	300,970	313,750	320,947	321,801
Individuals, partnerships, and corp.:																
Savings	do...	74,604	72,313	72,586	71,506	68,456	69,686	73,377	74,574	75,905	76,664	76,042	74,946	72,313	74,382	75,072
Other time	do...	159,958	205,805	166,705	172,329	176,018	175,623	172,887	168,630	174,167	177,063	181,124	193,269	205,805	210,718	209,948
Loans (adjusted), total \$†	do...	402,310	433,583	400,779	407,165	399,389	392,482	396,202	392,491	403,128	410,632	412,556	424,173	433,583	425,949	423,216
Commercial and industrial	do...	159,321	174,751	159,977	162,928	160,909	157,567	159,557	158,038	161,390	166,261	166,168	172,266	174,751	171,414	169,482
For purchasing or carrying securities	do...	10,275	9,979	8,768	9,186	8,738	7,653	7,865	6,465	6,924	7,644	7,084	8,960	9,979	7,746	8,182
To nonbank financial institutions	do...	26,559	25,988	25,700	27,513	25,033	23,498	22,961	23,133	23,462	24,281	24,024	24,842	25,988	25,253	24,875
Real estate loans	do...	99,959	111,665	102,530	103,809	104,285	104,914	105,217	105,925	106,894	108,246	109,464	110,728	111,665	112,866	113,681
Other loans	do...	137,906	135,983	125,438	127,330	125,596	124,174	127,158	120,007	128,526	128,393	126,159	133,629	135,983	131,059	131,875
Investments, total †	do...	108,114	118,036	108,745	106,944	109,824	110,923	112,548	113,702	115,851	114,866	114,236	116,520	118,036	117,337	118,190
U.S. Government securities, total	do...	36,089	39,539	35,602	34,812	35,281	35,568	36,958	38,141	40,283	38,706	37,874	39,409	39,539	39,777	40,816
Investment account *	do...	31,214	35,242	30,480	29,525	29,360	30,755	32,861	33,232	34,833	34,382	33,897	34,422	35,242	33,438	33,726
Other securities	do...	72,025	78,497	73,143	72,132	74,543	75,355	75,590	75,561	75,568	76,160	76,562	77,111	78,497	77,560	77,374
Commercial bank credit, seas. adj.: †																
Total loans and securities †	bil. \$.	1,134.6	1,237.3	1,164.4	1,168.2	1,165.3	1,158.7	1,156.0	1,163.5	1,180.9	1,193.3	1,206.5	1,224.2	1,237.3	1,253.5	1,262.9
U.S. Treasury securities	do...	93.8	110.7	95.1	95.0	93.8	95.5	98.1	102.0	105.7	107.7	109.1	110.5	110.7	113.6	114.9
Other securities	do...	191.8	213.9	195.3	196.1	196.8	200.1	201.7	204.1	206.9	207.5	209.9	212.1	213.9	216.3	217.2
Total loans and leases †	do...	848.9	912.7	874.1	877.1	874.6	863.2	856.3	857.5	868.3	878.0	887.5	901.7	912.7	923.6	930.3
Money and interest rates:																
Discount rate (N.Y.F.R. Bank), end of year or month	percent..	12.00	12.87	12.52	13.00	13.00	12.94	11.40	10.87	10.00	10.17	11.00	11.47	12.87	13.00	13.00
Federal intermediate credit bank loans	do...	10.09	12.22	11.83	12.20	13.12	13.54	13.12	12.59	12.03	11.82	11.50	11.53	11.90	12.29	12.93
Home mortgage rates (conventional 1st mortgages):																
New home purchase (U.S. avg.)	percent..	10.48	12.25	11.60	12.25	12.64	13.26	12.24	12.08	11.84	11.95	12.20	12.62	12.86	12.80	13.02
Existing home purchase (U.S. avg.)	do...	10.66	12.58	12.30	12.56	13.21	13.74	12.88	12.23	11.89	12.00	12.31	12.85	13.15	13.24	13.73
Open market rates, New York City:																
Bankers' acceptances, 90 days	do....	11.04	12.78	14.01	17.10	15.63	9.60	8.31	8.58	9.85	11.13	12.69	15.34	17.96	16.62	15.54
Commercial paper, 6-month †	do....	10.91	12.29	13.60	16.50	14.93	9.29	8.03	8.29	9.61	11.04	12.32	14.73	16.49	15.10	14.87
Finance co. paper placed directly, 6-mo @	do....	10.25	11.28	12.39	14.70	13.68	9.01	7.42	8.03	9.08	10.29	11.15	13.07	14.78	14.09	14.05
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue)	percent..	10.041	11.506	12.814	15.526	14.003	9.150	6.995	8.126	9.259	10.321	11.580	13.888	15.661	14.724	14.905

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FINANCE—Continued																	
CONSUMER INSTALLMENT CREDIT †																	
Total extended and liquidated:																	
Unadjusted:																	
Extended..... mil. \$.	324,777	305,887	23,576	24,902	23,583	22,775	22,988	24,984	27,391	26,907	28,136	24,918	31,052	23,145	23,672		
Liquidated..... do....	286,396	304,477	24,439	25,925	24,878	24,818	24,378	25,530	25,481	25,744	27,840	24,088	25,669	26,027	25,037		
Seasonally adjusted:																	
Extended, total #..... do....			27,581	25,881	23,220	22,093	22,349	23,997	26,176	27,064	27,365	25,991	27,149	27,059	28,706		
By major holder:																	
Commercial banks..... do....			12,780	11,395	10,227	9,785	9,892	10,098	11,107	11,671	11,977	11,432	11,484	10,397	11,648		
Finance companies..... do....			5,755	5,574	4,801	4,320	4,439	4,809	5,155	5,355	5,323	4,852	5,185	5,904	6,193		
Credit unions..... do....			2,444	2,428	1,862	1,575	1,318	2,305	3,085	2,752	2,872	2,795	3,035	2,994	3,167		
Retailers..... do....			4,096	4,108	3,845	4,072	4,186	4,148	4,263	4,596	4,291	4,250	4,497	4,673	4,500		
By major credit type:																	
Automobile..... do....			7,973	7,372	5,922	5,533	5,550	6,068	7,400	7,518	7,544	7,117	7,234	7,237	8,333		
Revolving..... do....			10,756	10,634	10,347	10,302	10,341	10,679	10,700	11,143	11,124	10,953	11,614	11,483	11,867		
Mobile home..... do....			452	435	397	299	424	377	415	442	513	424	479	383	409		
Liquidated, total #..... do....			25,178	25,227	24,891	24,770	24,394	25,196	25,687	26,009	26,663	25,152	25,530	26,190	26,710		
By major holder:																	
Commercial banks..... do....			11,748	11,658	11,948	11,721	11,675	11,847	11,789	11,936	12,313	11,552	11,760	11,754	12,192		
Finance companies..... do....			4,360	4,436	3,973	4,074	3,695	4,370	4,768	4,742	4,869	4,258	4,325	4,791	4,663		
Credit unions..... do....			2,798	2,703	2,597	2,561	2,616	2,575	2,620	2,716	2,809	2,577	2,657	2,706	2,723		
Retailers..... do....			4,084	4,201	4,124	4,118	4,118	4,059	4,103	4,140	4,157	4,198	4,181	4,264	4,397		
By major credit type:																	
Automobile..... do....			6,991	6,859	6,565	6,574	6,576	6,785	7,045	7,434	7,343	6,872	6,932	7,300	7,354		
Revolving..... do....			10,034	10,373	10,677	10,589	10,436	10,641	10,419	10,665	10,851	10,688	10,998	10,926	11,426		
Mobile home..... do....			397	380	383	349	366	363	382	399	372	400	413	407	456		
Total outstanding, end of year or month #..... do....	312,024	313,435	310,149	309,127	307,831	305,788	304,399	303,853	305,763	306,926	307,222	308,051	313,435	310,554	309,188		
By major holder:																	
Commercial banks..... do....	154,177	145,765	153,308	152,347	150,937	149,238	147,883	146,555	146,548	146,362	145,895	145,147	145,765	143,749	142,030		
Finance companies..... do....	68,318	76,756	69,545	70,421	71,545	72,101	73,118	73,909	74,433	74,823	74,985	75,690	76,756	77,131	78,090		
Credit unions..... do....	46,517	44,041	45,964	45,730	44,954	44,139	42,995	42,644	43,347	43,562	43,518	43,606	44,041	43,601	43,776		
Retailers..... do....	28,119	29,410	26,252	25,495	25,073	24,970	24,786	24,620	24,918	25,301	25,703	26,469	29,410	28,300	27,329		
By major credit type:																	
Automobile..... do....	116,362	116,327	117,202	117,642	117,502	117,058	116,456	116,125	116,868	116,781	116,657	116,517	116,327	115,262	115,677		
Revolving..... do....	56,937	59,862	55,269	54,269	53,690	53,225	53,042	53,036	53,771	54,406	54,598	55,304	59,862	58,985	57,566		
Mobile home..... do....	16,838	17,327	16,875	16,944	16,974	16,912	16,988	17,004	17,068	17,113	17,276	17,293	17,327	17,244	17,189		
FEDERAL GOVERNMENT FINANCE																	
Budget receipts and outlays:																	
Receipts (net)..... mil. \$.	1465,955	1520,050	37,862	33,351	61,097	36,071	59,055	37,348	44,259	53,544	38,923	39,175	48,903	52,214			
Outlays (net)..... do....	1493,607	1579,011	47,208	46,566	51,237	50,198	46,702	52,409	50,755	47,289	56,304	48,049	56,202	59,099			
Budget surplus or deficit (—)..... do....	-27,652	-58,961	-9,346	-13,215	9,860	-14,127	12,353	-15,062	-6,496	6,255	-17,382	-8,874	-7,299	-6,884			
Budget financing, total..... do....	127,652	158,961	9,346	13,215	-9,860	14,127	-12,353	15,062	6,496	-6,255	17,382	8,874	7,299	6,884			
Borrowing from the public..... do....	133,641	170,515	2,066	11,802	4,632	5,350	-4,615	9,737	11,111	6,260	4,758	9,231	13,668	6,772			
Reduction in cash balances..... do....	-5,989	-11,554	7,280	1,413	-14,492	8,777	-7,738	5,325	-4,615	-12,515	12,624	-357	-6,369	112			
Gross amount of debt outstanding..... do....	833,751	914,317	861,603	870,444	876,914	884,788	884,381	888,367	900,075	914,317	914,782	920,316	936,686	940,528			
Held by the public..... do....	644,589	715,105	670,827	682,630	687,260	692,611	687,997	697,734	708,844	715,105	719,862	729,094	742,761	749,533			
Budget receipts by source and outlays by agency:																	
Receipts (net), total..... mil. \$.	1465,955	1520,050	37,862	33,351	61,097	36,071	59,055	37,348	44,259	53,544	38,923	39,175	48,903	52,214			
Individual income taxes (net)..... do....	1217,841	1244,069	15,522	9,056	31,488	9,275	27,791	19,773	19,527	26,936	21,150	20,851	23,725	30,964			
Corporate income taxes (net)..... do....	165,677	164,600	1,420	9,508	9,171	1,230	15,804	2,136	1,367	8,884	1,284	1,003	9,387	2,158			
Social insurance taxes and contributions (net)..... mil. \$.	141,591	160,747	16,857	11,499	15,886	20,787	10,793	10,253	18,546	12,860	11,283	13,242	11,078	14,363			
Other..... do....	140,847	150,634	4,064	3,287	4,552	4,780	4,667	5,188	4,816	4,864	5,205	4,078	4,714	4,728			
Outlays, total #..... do....	1493,607	1579,011	47,208	46,566	51,237	50,198	46,702	52,409	50,755	47,289	56,305	48,049	56,202	59,099			
Agriculture Department..... do....	120,636	124,555	2,054	1,732	1,901	2,089	2,632	1,195	1,374	1,340	1,785	1,829	3,415	5,212			
Defense Department, military..... do....	115,013	132,840	10,940	11,460	11,357	11,273	11,582	11,439	11,402	11,345	12,705	11,601	12,281	12,424			
Health and Human Services..... do....																	
Department \$..... mil. \$.	181,186	194,691	17,041	16,572	17,667	16,447	15,368	17,455	17,992	17,153	19,017	16,918	19,132	19,081			
Treasury Department..... do....	164,988	176,642	5,353	5,677	7,584	5,928	9,900	6,815	5,164	5,016	7,286	5,625	10,944	5,222			
National Aeronautics and Space Adm..... do....	4,187	4,850	408	416	398	397	452	423	456	356	479	425	499	381			
Veterans Administration..... do....	19,887	21,135	2,772	743	2,004	2,792	630	1,713	2,655	744	2,857	717	3,028	1,921			
LIFE INSURANCE																	
Institute of Life Insurance:																	
Assets, total, all U.S. life insurance cos..... bil. \$.	432.28	476.19	438.64	439.73	442.93	447.02	450.86	455.76	459.36	464.48	468.06	473.53	476.19	478.48			
Government securities..... do....	29.72	32.53	30.16	30.36	30.30	30.32	30.13	30.66	30.86	31.10	31.34	31.72	32.53	33.27			
Corporate securities..... do....	208.75	226.97	213.70	211.40	212.35	213.77	215.14	218.72	220.45	223.40	225.73	228.63	226.97	229.25			
Mortgage loans, total..... do....	118.42	131.14	120.93	122.31	123.59	124.56	125.46	126.46	127.36	128.09	128.98	129.88	131.14	131.71			
Nonfarm..... do....	106.24	118.30	108.65	109.91	111.10	111.96	112.77	113.78	114.65	115.36	116.21	117.08	118.30	118.90			
Real estate..... do....	13.01	15.25	13.20	13.51	13.70	13.98	14.08	14.16	14.18	14.46	14.70	15.18	15.25	15.24			
Policy loans and premium notes..... do....	34.82	41.46	35.84	36.90	38.17	38.89	39.35	39.65	39.92	40.26	40.55	40.88	41.46	42.03			
Cash..... do....	2.67	2.79	1.40	1.23	0.84	1.05	1.61	1.79	1.65	1.66	1.46	1.50	2.79	1.45		</	

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1979	1980	1980												1981		
Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

FINANCE—CONTINUED

MONETARY STATISTICS

Gold and silver:

Gold:																
Monetary stock, U.S. (end of period) mil. \$.	11,172	11,160	11,172	11,172	11,172	11,172	11,172	11,172	11,172	11,168	11,163	11,162	11,160	11,159	11,156	.....
Net release from earmark \$ do.....	294	204	29	22	30	20	3	0	9	38	1	18	3	72	1,058	.....
Exports..... thous. \$.	4,907,865	3,647,932	161,531	473,255	671,189	280,138	252,317	102,151	225,620	177,515	421,774	312,274	287,932	343,344	383,071	.....
Imports..... do.....	1,480,203	2,750,120	261,649	153,063	248,835	211,651	95,483	202,081	162,535	540,145	330,988	157,531	131,231	200,324	160,263	.....
Production:																
South Africa mil. \$.	955.1	916.1	77.7	75.6	74.7	78.1	76.8	80.6	76.8	76.0	77.3	74.7	71.4	73.0	.....	.....
Canada do.....	45.9		5.1	5.6	5.7	5.7	5.5	5.8		6.0	5.6	5.5				.....

Silver:																
Exports..... thous. \$.	471,162	1,909,733	345,301	253,438	489,037	81,991	140,458	57,527	65,526	29,012	33,453	40,921	74,637	56,582	45,602	.....
Imports..... do.....	961,761	*1,602,295	174,301	195,889	91,538	63,927	108,250	99,031	85,967	135,031	129,450	138,053	*122,312	132,996	127,500	.....
Price at New York dol. per fine oz.	11.094	20.632	35.085	24.133	14.500	12.533	15.748	16.059	15.897	20.144	20.181	18.648	16.393	14.752		.....
Production:																
United States thous. fine oz.	27,397	33,602	3,508	4,424	2,379	2,846	2,986	1,311	1,607	3,277	2,577	3,034	3,607	2,820	2,611	.....
Currency in circulation (end of period) bil. \$.	125.6	137.2	121.4	122.9	124.0	125.7	127.1	128.3	129.7	129.9	131.1	134.1	137.2	131.1	131.9	.....

Money stock measures and components (averages of daily figures): †

Measures (not seasonally adjusted): ‡																
M1-A bil. \$.	360.0	376.4	365.3	366.1	370.0	361.5	369.7	375.5	377.3	382.6	388.0	391.1	394.7	377.3	358.2	358.3
M1-B do.....	374.5	398.3	383.2	384.6	389.6	380.5	390.2	397.5	400.5	407.2	413.7	417.7	421.8	*420.6	409.4	415.1
M2 do.....	1,489.0	1,602.1	1,539.6	1,551.4	1,568.6	1,560.8	1,589.4	1,618.0	1,629.5	1,642.3	1,656.9	1,665.7	1,674.8	1,684.8	*1,685.3	1,711.8
M3 do.....	1,704.3	1,864.4	1,797.5	1,810.7	1,818.1	1,821.7	1,845.6	1,870.8	1,886.6	1,902.3	1,923.1	1,942.1	1,962.8	*1,984.3	*1,986.6	2,005.6
L (M3 plus other liquid assets) do.....	2,057.6	*2,259.9	2,185.9	2,204.5	2,221.3	2,224.1	2,241.0	2,259.6	2,278.6	2,296.2	2,318.0	2,344.7	*2,372.4	2,400.5		

Components (not seasonally adjusted):

Currency do.....	102.3	111.8	106.8	107.9	108.7	109.9	111.2	112.7	113.7	113.7	114.9	116.6	118.5	115.8	115.9	116.8
Demand deposits do.....	257.6	264.7	258.5	258.2	261.3	251.5	258.6	262.7	263.6	268.9	273.1	274.5	276.2	261.5	242.3	241.4
Other checkable deposits ‡ do.....	14.6	21.8	17.9	18.4	19.5	19.0	20.4	22.0	23.2	24.6	25.7	26.6	27.1	43.3	51.2	56.9
Overnight RPs and Eurodollars * do.....	27.1	28.5	28.3	26.3	22.1	23.3	24.6	29.1	31.6	33.0	32.5	32.6	32.1	32.6	*31.9	32.9
Money market mutual funds do.....	26.9	69.8	56.7	60.9	60.4	66.8	74.2	80.6	80.7	78.2	77.4	77.0	78.8	80.7	92.4	105.6
Savings deposits do.....	446.2	398.5	400.9	393.6	381.8	376.9	386.9	401.0	408.8	412.4	412.9	405.8	390.9	*374.9	*364.7	363.3
Small time deposits @ do.....	597.0	710.1	673.4	689.0	707.9	716.4	716.6	712.9	711.1	714.9	723.7	735.9	757.4	*779.2	*790.2	798.2
Large time deposits @ do.....	204.6	230.3	227.6	230.4	230.4	231.9	226.2	221.7	223.3	226.5	230.7	240.0	251.5	260.7	*263.4	258.0

Measures (seasonally adjusted): ‡

M1-A do.....			373.5	372.9	366.7	367.1	370.9	373.5	379.5	383.4	386.3	388.4	384.8	372.8	366.0	364.8
M1-B do.....			391.4	391.4	386.3	386.1	391.3	395.5	402.7	408.0	412.0	415.0	411.9	*416.0	*417.3	421.6
M2 do.....			1,547.6	1,554.6	1,550.4	1,563.7	1,587.6	1,612.5	1,632.5	1,644.4	1,656.5	1,670.8	1,673.4	*1,681.4	1,692.2	1,714.2
M3 do.....			1,805.4	1,813.0	1,811.9	1,825.7	1,846.2	1,867.7	1,889.5	1,904.6	1,921.8	1,946.1	1,957.9	*1,978.9	*1,993.6	2,007.2
L (M3 plus other liquid assets) do.....			2,188.5	2,203.8	2,213.3	2,229.8	2,242.7	2,258.2	2,282.7	2,306.5	2,319.1	2,346.5	*2,370.9	2,393.3		

Components (seasonally adjusted):

Currency do.....			108.1	108.9	109.0	110.2	111.0	112.1	113.5	113.9	115.1	115.8	116.4	116.6	117.3	117.9
Demand deposits do.....			265.4	264.0	257.7	256.9	259.9	261.4	266.0	269.5	271.2	272.6	268.4	256.2	248.8	246.9
Savings deposits do.....			404.0	393.3	379.4	375.2	384.6	398.0	408.1	412.1	414.2	*407.8	393.6	*377.2	*367.5	362.9
Small time deposits @ do.....			670.2	685.7	705.3	715.3	715.8	712.4	712.6	716.4	723.6	741.6	763.2	778.0	*786.5	794.4
Large time deposits @ do.....			227.4	229.5	232.4	233.1	228.6	224.0	223.3	226.8	229.8	238.8	248.0	258.8	*263.5	257.3

PROFITS AND DIVIDENDS (QTRLY.)

Manufacturing corps. (Fed. Trade Comm.):

Net profit after taxes, all industries mil. \$.	98,698	92,230		24,707			22,379			20,961			24,183			
Food and kindred products do.....	7,340	8,108		1,697			1,821			2,085			2,505			
Textile mill products do.....	1,340	993		314			232			198			249			
Paper and allied products do.....	3,723	3,042		795			803			679			765			
Chemicals and allied products do.....	10,896	11,225		3,160			2,777			2,779			2,509			
Petroleum and coal products do.....	21,936	25,532		7,200			6,621			5,759			5,952			
Stone, clay, and glass products do.....	2,373	1,812		237			480			602			493			
Primary nonferrous metal do.....	2,691	2,755		959			766			396			634			
Primary iron and steel do.....	2,185	2,363		*841			529			218			775			
Fabricated metal products (except ordnance, machinery, and transport. equip.) mil. \$.	4,431	3,966		1,167			936			877			986			
Machinery (except electrical) do.....	11,530	11,401		2,563			2,886			2,650			3,302			
Elec. machinery, equip., and supplies do.....	7,386	7,265		1,830			1,728			1,712			1,995			
Transportation equipment (except motor vehicles, etc.) mil. \$.	3,189	3,115		785			815			751			764			
Motor vehicles and equipment do.....	4,382	3,464		-217			-1,341			-1,632			-274			
All other manufacturing industries do.....	15,314	14,117		*3,376			3,326			3,887			3,528			
Dividends paid (cash), all industries do.....	32,491	36,410		8,779			8,934			8,925			9,772			

SECURITIES ISSUED

Securities and Exchange Commission:

Estimated gross proceeds, total mil. \$.	57,626		4,484	6,827	5,784	9,262	10,672	8,155	5,493	5,237	6,053	4,015				
By type of security:																
Bonds and notes, corporate do.....	40,781		2,882	3,294	4,882	7,133	8,813	6,780	4,139	3,114	3,065	2,153				
Common stock do.....	8,709		1,508	2,757	679	1,802	981	1,014	1,123	1,717	2,084	1,516				
Preferred stock do.....	3,525		88	525	223	202	382	360	131	406	484	256				
By type of issuer:																
Corporate, total # mil. \$.	53,015		4,478	6,576	5,784	9,137	10,176	8,154	5,393	5,237	5,633	3,925				
Manufacturing do.....	11,552		1,340	3,391	1,777	2,888	2,445	3,216	1,810	1,025	1,498	506				
Extractive (mining) do.....	3,192		321	265	469	455	422	207	235	583	244	264				
Public utility do.....	13,687		1,212	1,631	891	1,478	1,807	1,050	1,444	1,474	1,154	891				
Transportation do.....	3,294		315	103	161	285	394	329	370	455	353	139				
Communication do.....	4,694		572	223	651	1,196	295	787	626	598	858	276				
Financial and real estate do.....	12,868		350	759	1,473	2,218	3,405	1,382	703	759	1,137	1,172				

State and municipal issues (Bond Buyer):

Long-term do.....	42,261	47,133	2,555	2,365	4,579	4,773	6,004	4,725	3,918	4,226	4,391	2,943	3,738	*2,541	2,890	3,505
Short-term do.....	20,897	26,485	2,097	1,796	4,405	1,975	2,098	2,621	2,375	2,379	1,775	2,197	1,363	*1,825	2,155	1,690

SECURITY MARKETS

Stock Market Customer Financing

Margin credit at brokers, end of year or month mil. \$.	11,619	14,721	12,638	11,914	11,309	11,441	11,370	11,522	12,007	12,731	13,293	14,363	14,721	14,242		
Free credit balances at brokers:																
Margin accounts do.....	1,105	2,105	1,320	1,365	1,290	1,270	1,345	1,665	1,695	1,850	1,950	2,120	2,105	2,065		
Cash accounts do.....	4,060	6,070	4,755	5,000	4,790	4,750	4,790	4,905	4,925	5,680	5,500	5,590	6,070	5,655		

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980										1981			
	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 \$.....dol. per \$100 bond..	51.1	41.4	37.8	37.3	41.0	45.7	47.4	45.5	42.1	41.1	39.7	37.8	37.2	38.0	36.1	36.5
Domestic municipal (15 bonds).....do....	73.4	57.4	60.2	53.5	58.0	65.1	63.3	59.9	56.3	54.3	53.4	50.9	48.1	50.4	48.4	47.9
Sales:																
New York Stock Exchange, exclusive of some stopped sales, face value, total..... mil. \$..	4,087.89	5,190.30	431.78	422.52	406.20	412.95	411.84	400.89	367.58	373.04	414.73	427.57	709.63	353.06	324.18	398.95
Yields:																
Domestic corporate (Moody's).....percent..	10.12	12.75	12.92	13.73	13.21	12.11	11.64	11.77	12.33	12.80	13.07	13.63	14.04	13.80	14.22	14.26
By rating:																
Aaa.....do.....	9.63	11.94	12.38	12.96	12.04	10.99	10.58	11.07	11.64	12.02	12.31	12.97	13.21	12.81	13.35	13.33
Aa.....do.....	9.94	12.50	12.73	13.51	13.06	11.91	11.39	11.43	12.09	12.52	12.68	13.34	13.78	13.52	13.89	13.90
A.....do.....	10.20	12.89	12.99	13.97	13.55	12.35	11.89	11.95	12.44	12.97	13.05	13.59	14.03	13.83	14.27	14.47
Baa.....do.....	10.69	13.67	13.57	14.45	14.19	13.17	12.71	12.65	13.15	13.70	14.23	14.64	15.14	15.03	15.37	15.34
By group:																
Industrials.....do.....	9.85	12.35	12.35	13.11	12.93	12.04	11.41	11.43	11.84	12.31	12.60	13.20	13.60	13.37	13.60	13.66
Public utilities.....do.....	10.39	13.15	13.48	14.33	13.50	12.17	11.87	12.12	12.82	13.29	13.53	14.07	14.48	14.22	14.84	14.86
Railroads.....do.....	9.60	11.48	11.06	11.43	11.63	11.54	11.26	11.28	11.36	11.56	11.72	12.02	12.22	12.42	12.61	12.72
Domestic municipal:																
Bond Buyer (20 bonds).....do.....	6.53	8.73	8.72	9.44	7.96	7.73	7.88	8.59	8.85	9.22	9.45	9.61	9.76	9.91	10.27	10.21
Standard & Poor's Corp. (15 bonds).....do....	6.39	8.51	8.04	9.09	8.40	7.37	7.60	8.08	8.62	8.95	9.11	9.55	10.09	9.65	10.03	10.12
U.S. Treasury bonds, taxable \$.....do.....	8.74	10.81	11.55	11.87	10.83	9.82	9.40	9.83	10.53	10.94	11.20	11.83	11.89	11.65	12.23	12.15
Stocks																
Prices:																
Dow-Jones averages (65 stocks).....	293.46	328.23	320.70	291.82	285.15	299.10	314.78	331.17	342.77	348.16	356.44	373.14	368.40	371.59	365.26	381.05
Industrial (30 stocks).....	844.40	891.41	878.22	803.56	786.33	828.19	869.86	909.79	947.33	946.67	949.17	971.08	945.96	962.13	945.50	987.18
Public utility (15 stocks).....	104.56	110.43	110.64	102.03	105.80	109.00	112.81	113.91	110.38	111.44	112.34	114.43	114.23	113.51	108.86	108.42
Transportation (20 stocks).....	237.83	307.23	290.40	259.76	244.40	257.35	274.76	299.78	317.91	333.91	357.32	393.29	394.05	394.64	392.60	417.42
Standard & Poor's Corporation: \$																
Combined index (500 Stocks).....1941-43=10..	103.01	118.78	115.34	104.69	102.97	107.69	114.55	119.83	123.50	126.51	130.22	135.65	133.48	132.97	128.40	133.19
Industrial, total (400 Stocks) #.....do.....	114.83	134.52	130.91	118.73	115.57	120.80	128.80	135.23	140.18	143.73	148.36	155.08	152.19	151.06	145.70	151.03
Capital goods (111 Stocks).....do.....	115.27	131.37	131.27	116.20	110.20	113.46	122.14	129.26	136.55	142.10	145.07	153.68	149.78	147.23	143.14	149.76
Consumer goods (189 Stocks).....do.....	83.82	86.88	83.14	75.50	76.93	82.81	85.76	88.98	93.62	95.41	92.76	92.28	90.30	94.61	94.45	100.84
Utilities (40 Stocks).....do.....	50.40	50.54	49.04	45.40	48.37	50.63	52.48	52.82	51.18	51.10	51.49	52.08	51.66	52.01	49.81	50.36
Transportation (20 Stocks).....1970=10..	14.53	18.52	17.22	15.62	14.68	15.27	16.27	17.97	18.83	19.85	21.77	24.65	24.55	24.25	23.64	25.02
Railroads (10 Stocks).....1941-43=10..	51.74	75.57	69.61	63.39	59.46	61.12	65.44	70.79	73.90	80.64	90.82	106.28	106.74	102.31	97.69	101.32
Financial (40 Stocks).....1970=10..	12.33	12.50	11.95	10.73	11.56	12.20	12.87	13.05	13.04	13.38	13.04	12.68	12.89	13.57	13.41	14.30
New York City banks (6 Stocks) 1941-43=10..	44.48	44.00	42.26	38.46	41.09	44.54	46.30	46.06	45.81	45.86	43.27	43.19	46.63	48.70	48.18	49.83
Banks outside N.Y.C. (10 Stocks).....do...	104.86	102.90	97.02	87.69	97.54	103.52	106.05	107.86	105.24	107.15	103.65	103.58	109.74	117.50	116.43	119.52
Property-Casualty Insurance (6 Stocks) do...	119.06	127.06	121.98	110.23	120.70	121.37	127.07	130.35	133.87	140.97	134.80	128.25	126.00	129.13	126.73	136.70
New York Stock Exchange common stock indexes:																
Composite.....12/31/65=50..	58.32	68.10	66.06	59.52	58.47	61.38	65.43	68.56	70.87	73.12	75.17	78.15	76.69	76.24	73.52	76.46
Industrial.....do.....	64.75	78.70	76.42	68.71	66.31	69.39	74.47	78.67	82.15	84.92	88.00	92.32	90.37	89.23	85.74	89.39
Transportation.....do.....	47.34	60.61	57.92	51.77	48.62	51.07	54.04	59.14	62.48	65.89	70.76	77.23	75.74	74.43	72.76	77.09
Utility.....do.....	38.20	37.35	36.22	33.38	35.29	37.31	38.53	38.77	38.18	38.77	38.44	38.35	37.84	38.53	37.59	37.82
Finance.....do.....	61.42	64.25	61.84	54.71	57.32	61.47	65.16	66.76	67.22	69.33	68.29	67.21	67.46	70.04	68.48	72.82
Yields (Standard & Poor's Corp.):																
Composite (500 stocks).....percent..	5.45	5.26	5.24	5.87	6.05	5.77	5.39	5.20	5.06	4.90	4.80	4.63	4.74	4.80	5.00	.....
Industrials (400 stocks).....do.....	5.18	4.94	4.92	5.52	5.76	5.49	5.10	4.90	4.75	4.59	4.47	4.31	4.42	4.49	4.68	.....
Utilities (40 stocks).....do.....	9.19	9.77	9.84	10.65	10.10	9.67	9.43	9.46	9.71	9.67	9.77	9.65	9.79	9.78	10.33	.....
Transportation (20 stocks).....do.....	4.68	4.04	4.28	4.74	5.01	4.63	4.43	4.02	3.84	3.60	3.32	2.87	2.99	3.08	3.22	.....
Financial (40 stocks).....do.....	5.47	5.75	5.81	6.57	6.14	5.84	5.57	5.51	5.54	5.38	5.58	5.74	5.71	5.52	5.62	.....
Preferred stocks, 10 high-grade.....do.....	9.11	10.60	10.55	11.37	11.16	10.20	9.78	9.81	10.04	10.14	10.64	11.35	11.94	11.55	11.83	11.81
Sales:																
Total on all registered exchanges (SEC):																
Market value.....mil. \$..	299,973	475,934	45,731	35,704	26,248	28,029	33,490	38,611	43,795	41,216	50,641	43,157	49,347	42,443	.....	.....
Shares sold.....millions..	10,863	15,500	1,550	1,147	963	960	1,141	1,258	1,433	1,336	1,501	1,280	1,515	1,286	.....	.....
On New York Stock Exchange:																
Market value.....mil. \$..	251,098	397,670	37,721	29,164	22,320	23,402	27,996	31,949	35,606	35,308	42,873	36,015	41,373	35,453	.....	.....
Shares sold (cleared or settled).....millions..	8,675	12,390	1,239	904	788	780	934	1,004	1,122	1,090	1,216	1,016	1,205	1,020	.....	.....
New York Stock Exchange:																
Exclusive of odd-lot and stopped stock sales (sales effected).....millions..	8,156	11,352	957	876	674	765	830	1,022	966	1,058	1,032	989	1,025	956	816	1,175
Shares listed, N.Y. Stock Exchange, end of period:																
Market value, all listed shares.....bil. \$..	960.61	1,242.80	1,009.13	898.82	941.84	993.90	1,027.13	1,101.19	1,115.48	1,147.60	1,168.11	1,289.71	1,242.80	1,189.19	1,203.16	1,248.95
Number of shares listed.....millions..	30,033	33,709	30,383	30,558	30,752	31,233	31,893	32,327	32,602	32,804	33,041	33,427	33,709	33,993	34,211	34,670

FOREIGN TRADE OF THE UNITED STATES

VALUE OF EXPORTS																	
Exports (mdse.), incl. reexports, total @	mil. \$..	181,815.6	220,704.9	16,970.8	19,685.0	19,146.6	18,770.0	18,674.8	17,213.7	17,946.1	17,829.0	19,948.9	18,614.0	19,545.1	¹ 17,964.0	18,845.4	.....
Excl. Dept. of Defense shipments	do.....	181,650.8	220,548.7	16,958.6	19,671.4	19,134.3	18,764.4	18,674.8	17,177.7	17,938.4	17,800.9	19,936.9	18,609.9	19,537.5	¹ 17,962.2	18,838.0	.....
Seasonally adjusted @ @	do.....	.....	.....	17,233.0	18,534.4	18,468.4	17,677.7	18,641.8	18,075.0	19,103.4	18,701.0	19,088.5	18,634.3	19,117.7	¹ 18,824.8	19,764.1	.....
By geographic regions:																	
Africa	do.....	*6,298.8	9,060.4	616.3	767.9	809.8	737.9	731.4	755.7	765.6	798.7	895.9	880.0	746.3	.....	.....	.....
Asia	do.....	*48,771.3	60,168.3	4,721.4	5,147.5	4,917.4	4,870.7	5,224.8	4,925.6	5,273.6	4,956.2	5,467.7	5,078.6	5,538.0	.....	.....	.....
Australia and Oceania	do.....	4,318.8	4,875.7	331.3	371.9	377.1	397.4	424.3	391.4	431.6	416.8	589.1	393.6	388.9	.....	.....	.....
Europe	do.....	*60,025.9	71,371.4	6,042.3	7,059.9	6,753.9	6,283.9	5,862.9	5,240.4	5,303.2	5,107.6	5,965.6	5,589.1	5,949.0	.....	.....	.....
Northern North America	do.....	33,026.7	35,399.0	2,733.7	3,393.0	3,149.7	3,074.0	3,070.0	2,499.0	2,648.2	3,040.7	3,078.2	3,113.2	3,000.5	.....	.....	.....
Southern North America	do.....	14,886.5	21,337.7	1,360.2	1,604.4	1,713.5	1,806.6	1,766.4	1,864.4	1,790.7	1,796.1	2,123.6	1,910.5	2,121.5	.....	.....	.....
South America	do.....	*13,571.7	17,376.8	1,165.7	1,332.4	1,319.5	1,490.1	1,485.0	1,453.2	1,557.8	1,578.4	1,646.5	1,529.2	1,714.6	.....	.....	.....

1979	1980	1980											1981		
Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

VALUE OF EXPORTS—Continued														
Exports (mdse.), incl. reexports—Continued														
By leading countries:														
Africa:														
Egypt	mil. \$.	1,432.9	1,873.6	151.0	187.8	199.2	170.5	127.8	157.8	132.2	163.9	145.1	152.9	134.8
Republic of South Africa		1,413.0	2,463.5	133.7	162.2	178.8	199.6	199.0	217.0	239.7	184.6	241.4	352.5	218.3
Asia, Australia and Oceania:														
Australia, including New Guinea	do.	3,649.5	4,130.7	281.3	312.8	314.5	329.6	356.6	320.2	357.2	354.6	526.4	336.5	332.6
India	do.	1,167.0	1,689.4	175.6	193.8	118.4	118.2	132.2	154.2	189.0	124.0	145.2	122.1	130.6
Pakistan	do.	529.1	642.1	25.4	95.4	38.0	45.7	71.4	62.6	84.8	63.8	54.9	41.0	33.4
Malaysia	do.	932.1	1,336.9	91.6	104.7	98.9	137.3	113.1	128.9	110.7	86.4	146.8	117.5	116.1
Indonesia	do.	981.5	1,545.1	106.8	97.2	75.9	122.2	128.0	96.6	302.9	168.5	139.9	115.7	88.6
Philippines	do.	1,570.1	1,999.1	167.2	229.5	152.1	144.9	157.2	187.0	164.3	132.3	148.5	148.7	243.7
Japan	do.	17,581.0	20,790.0	1,650.6	1,809.8	1,843.1	1,599.1	1,787.7	1,718.2	1,751.5	1,682.2	1,800.1	1,793.0	1,828.9
Europe:														
France	do.	5,587.0	7,485.4	586.6	784.2	639.1	623.3	586.1	631.2	537.0	546.2	678.1	584.0	572.6
German Democratic Republic (formerly E. Germany)	mil. \$.	356.0	478.6	90.8	68.1	64.0	36.8	29.2	21.0	5.4	25.0	18.6	33.6	68.7
Federal Republic of Germany (formerly W. Germany)	mil. \$.	8,477.8	10,959.8	962.6	1,055.2	1,022.6	904.7	964.1	869.2	807.0	815.2	871.8	896.8	828.3
Italy	do.	4,361.8	5,511.1	442.9	518.0	540.4	466.8	537.7	407.5	444.3	353.3	378.8	423.9	556.3
Union of Soviet Socialist Republics	do.	3,607.3	5,512.8	130.0	184.3	110.5	45.7	51.0	43.4	35.4	49.9	151.2	264.7	272.8
United Kingdom	do.	10,634.9	12,693.6	984.8	1,303.4	1,348.5	1,286.0	1,049.2	870.7	907.0	927.3	1,139.6	935.4	994.6
North and South America:														
Canada	do.	33,095.8	35,395.3	2,733.6	3,392.9	3,149.7	3,074.0	3,069.9	2,499.0	2,648.1	3,040.6	3,078.1	3,113.2	2,997.7
Latin American republics, total #	do.	26,258.9	36,030.4	2,353.6	2,739.6	2,814.1	3,079.0	3,032.9	3,087.1	3,108.7	3,141.4	3,510.6	3,223.9	3,580.5
Argentina	do.	1,889.8	2,625.3	152.4	191.5	183.5	280.2	209.9	190.9	211.5	259.0	259.8	271.7	238.9
Brazil	do.	3,441.7	4,343.5	284.5	361.2	321.6	382.7	368.3	368.3	414.5	382.8	359.8	361.4	464.8
Chile	do.	885.5	1,353.5	85.7	87.7	96.2	104.5	104.4	136.6	122.3	117.0	141.4	136.3	144.4
Colombia	do.	1,409.3	1,735.6	143.8	141.1	119.0	153.1	153.7	146.4	154.7	138.5	158.2	128.9	174.3
Mexico	do.	9,847.3	15,144.6	925.6	1,104.9	1,211.4	1,273.0	1,243.3	1,339.4	1,271.0	1,262.2	1,542.4	1,407.5	1,581.1
Venezuela	do.	3,933.5	4,572.8	323.5	342.4	369.8	358.6	406.9	388					

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980												1981		
	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 leading countries—Continued																	
Asia; Australia and Oceania:																	
Australia, including New Guinea..... mil. \$.	*2,236.1	2,562.3	210.8	195.4	156.4	212.1	220.0	204.9	200.1	172.1	221.5	280.9	255.1				
India..... do.....	1,037.7	1,097.6	111.2	115.1	98.6	82.3	93.6	74.9	77.9	103.3	78.8	96.8	72.9				
Pakistan..... do.....	120.0	127.6	8.5	12.1	10.2	10.3	12.8	9.8	10.4	10.3	9.5	8.9	13.0				
Malaysia..... do.....	2,145.6	2,577.0	201.3	242.9	230.9	215.8	214.6	187.6	152.8	195.5	234.8	192.6	231.4				
Indonesia..... do.....	3,620.6	5,182.5	492.7	422.0	417.0	435.2	440.3	440.8	255.7	429.7	415.6	346.8	574.8				
Philippines..... do.....	*1,490.1	1,730.3	102.1	122.6	143.2	149.7	146.1	138.9	135.4	154.1	150.5	130.9	207.9				
Japan..... do.....	*26,248.2	30,701.3	2,249.8	2,385.2	2,564.7	2,656.6	2,677.4	2,613.4	2,541.3	2,642.0	2,568.9	2,591.8	2,713.7				
Europe:																	
France..... do.....	*4,767.8	5,247.0	380.3	469.4	442.2	489.0	441.8	429.6	428.2	345.8	457.8	378.1	494.9				
German Democratic Republic (formerly E. Germany)..... mil. \$.	*36.4	43.9	3.1	5.8	2.6	3.5	3.6	3.0	3.9	2.8	3.9	2.6	4.2				
Federal Republic of Germany (formerly W. Germany)..... mil. \$.	*10,955.4	11,681.2	992.6	1,143.0	1,101.1	1,117.5	992.4	1,053.5	933.1	844.8	861.8	876.3	896.4				
Italy..... do.....	*4,917.5	4,313.1	379.1	401.1	328.3	348.2	360.8	382.8	386.5	297.0	284.9	332.6	414.4				
Union of Soviet Socialist Republics..... do.....	*873.6	453.2	19.1	35.4	10.6	22.2	35.1	32.9	22.9	95.3	53.3	28.8	55.9				
United Kingdom..... do.....	*8,027.7	9,755.1	756.2	830.2	827.6	763.1	741.0	788.0	734.3	996.8	907.0	743.1	885.6				
North and South America:																	
Canada..... do.....	*38,046.1	41,455.4	3,631.3	3,749.4	3,245.2	3,348.6	3,255.9	3,120.8	2,825.1	3,339.7	3,929.7	3,747.7	3,804.8				
Latin American republics, total #..... do.....	*24,767.0	29,851.2	2,605.8	2,601.6	2,210.3	2,468.3	2,617.3	2,282.6	2,141.0	2,261.8	2,419.1	2,669.2	2,824.2				
Argentina..... do.....	587.1	740.8	62.4	54.8	32.9	54.7	54.1	61.1	58.2	71.0	63.5	105.3	86.2				
Brazil..... do.....	*3,118.2	3,714.6	277.6	268.4	266.3	303.2	317.3	323.2	300.0	293.3	304.1	433.3	383.6				
Chile..... do.....	439.8	515.0	55.7	52.7	44.2	48.2	31.4	42.4	34.3	50.7	40.2	46.9	30.9				
Colombia..... do.....	1,209.4	1,240.5	98.9	140.0	92.1	115.7	134.8	93.7	69.1	88.8	86.1	92.2	119.8				
Mexico..... do.....	*8,800.1	12,519.5	1,088.4	1,095.8	968.5	1,159.9	1,184.7	904.8	1,045.8	915.0	1,106.6	1,031.4	1,069.8				
Venezuela..... do.....	5,165.9	5,297.1	549.2	485.0	311.7	306.1	422.7	339.3	407.0	420.5	372.3	449.0	696.4				
By commodity groups and principal commodities:																	
Agricultural products, total..... mil. \$.	*16,879.5	*17,425.0	1,367.2	1,536.2	1,458.2	1,478.5	1,488.5	1,439.8	1,310.9	1,219.3	1,410.6	1,529.9	1,536.0	*1,613.0	1,714.8		
Nonagricultural products, total..... do.....	*189,376.3	223,409.2	19,271.3	19,524.2	18,222.4	19,114.5	19,031.5	17,884.5	17,548.0	17,859.3	18,857.2	18,002.8	19,776.0				
Food and live animals #..... do.....	15,169.5	15,762.7	1,203.4	1,351.0	1,278.9	1,293.8	1,372.8	1,335.5	1,207.2	1,121.9	1,304.8	1,441.3	1,385.9	*1,471.0	1,340.9		
Cocoa beans..... do.....	554.9	395.2	26.7	26.3	62.0	45.5	32.0	40.8	23.3	20.0	19.2	21.0	43.1				
Coffee..... do.....	3,819.7	3,872.3	311.7	311.9	354.4	342.3	373.0	347.9	302.3	217.1	250.7	273.3	310.8				
Meats and preparations..... do.....	2,539.3	2,346.3	190.2	200.8	154.4	189.7	164.0	213.5	180.1	152.9	246.8	199.1	226.0				
Sugar..... do.....	974.3	1,987.5	118.7	156.1	117.4	123.8	177.6	195.0	187.5	172.2	172.4	334.1	169.0				
Beverages and tobacco..... do.....	2,565.0	2,771.5	198.5	212.9	224.7	244.0	223.3	253.1	227.6	261.3	286.3	243.6	217.4	*253.3	236.0		
Crude materials, inedible, exc. fuels #..... do.....	10,652.7	10,495.9	892.6	988.7	867.1	886.0	913.7	857.8	812.4	837.2	830.6	856.4	871.2	*885.9	1,029.4		
Metal ores..... do.....	*3,249.1	3,696.1	290.5	293.8	351.2	307.3	339.1	326.1	275.0	279.8	302.4	303.0	293.2				
Paper base stocks..... do.....	1,546.7	1,773.4	139.5	184.4	141.4	165.7	147.9	130.3	150.4	136.2	134.3	144.2	150.8				
Textile fibers..... do.....	231.2	242.1	20.9	22.9	20.8	26.9	21.5	19.5	20.9	11.0	16.5	17.5	19.5				
Rubber..... do.....	897.1	816.1	69.5	101.1	56.1	81.1	63.8	57.6	44.8	75.6	42.7	64.7	59.2				
Mineral fuels, lubricants, etc..... do.....	59,997.9	79,057.7	7,741.9	7,391.7	6,345.9	6,894.5	6,937.6	5,792.3	6,235.9	5,830.5	6,231.0	5,879.6	7,218.4	*8,014.2	7,943.4		
Petroleum and products..... do.....	*56,035.6	73,770.9	7,199.1	6,837.6	5,833.2	6,515.0	6,531.4	5,421.2	5,867.7	5,460.4	5,846.1	5,446.1	6,766.8				
Oils and fats, animal and vegetable..... do.....	739.8	533.4	32.7	42.3	48.8	30.7	41.2	30.8	30.8	33.0	64.6	51.3	69.0	*50.1	60.0		
Chemicals..... do.....	7,478.6	8,582.7	726.8	786.2	765.3	768.4	762.4	705.0	616.9	641.3	745.9	650.3	718.1	*735.8	767.4		
Manufactured goods #..... do.....	30,064.1	32,190.4	2,815.6	2,909.9	2,618.1	2,795.8	2,662.1	2,447.3	2,486.1	2,412.9	2,629.7	2,641.9	2,854.7	*2,910.5	2,795.1		
Iron and steel..... do.....	*7,466.5	7,363.6	689.6	537.2	622.1	741.6	600.1	543.5	629.2	520.0	544.8	617.4	737.1				
Newsprint..... do.....	2,322.1	2,685.2	224.9	245.0	217.6	244.5	236.5	208.5	201.7	216.0	224.9	216.5	232.5				
Nonferrous metals..... do.....	6,320.1	7,622.7	663.8	804.7	585.3	583.2	595.9	559.5	508.2	567.4	688.3	601.7	656.6				
Textiles..... do.....	*2,216.3	2,493.3	204.2	243.3	213.6	219.4	220.8	192.2	191.5	194.7	196.1	204.4	209.4				
Machinery and transport equipment..... do.....	53,677.3	60,545.7	4,741.9	5,084.3	5,027.2	5,074.1	5,052.3	5,166.7	4,565.7	4,952.2	5,333.3	5,236.2	5,335.7	*5,615.7	4,694.2		
Machinery, total #..... do.....	*28,043.5	31,903.6	2,400.7	2,656.9	2,613.6	2,683.2	2,685.5	2,782.0	2,578.0	2,621.5	2,754.5	2,733.8	2,874.5				
Metalworking..... do.....	1,442.4	1,813.7	122.8	136.7	174.2	141.2	148.5	161.9	183.7	136.8	150.3	156.7	155.1				
Electrical..... do.....	*6,588.0	8,064.1	600.7	679.8	630.3	683.7	686.1	712.0	647.1	674.6	729.6	668.1	747.7				
Transport equipment..... do.....	*25,633.9	28,642.0	2,341.2	2,447.3	2,468.4	2,481.0	2,366.8	2,384.6	1,987.6	2,330.8	2,578.8	2,502.5	2,461.3				
Automobiles and parts..... do.....	*22,074.8	24,133.9	2,008.7	2,097.1	2,031.9	2,024.6	1,993.6	2,008.1	1,663.9	2,000.3	2,210.6	2,191.4	2,014.9				
Miscellaneous manufactured articles..... do.....	21,006.3	23,711.0	1,668.3	1,806.7	1,897.2	1,920.7	2,030.6	2,182.5	2,143.2	2,077.3	2,104.2	1,983.4	2,017.2	*2,012.5	1,779.3		
Commodities not classified..... do.....	4,904.6	7,183.3	616.8	466.8	552.5	594.9	524.0	553.4	533.2	911.1	737.4	548.7	624.4	*628.1	478.6		
Indexes																	
Exports (U.S. mdse., excl. military grant-aid):																	
Unit value..... 1967=100..... do.....	255.5	290.3	280.1	280.3	281.8	279.7	285.4	290.4	293.6	294.7	300.0	308.6	310.4				
Quantity..... do.....	227.9	243.3	233.1	269.6	261.2	257.4	251.1	227.5	235.1	232.5	254.7	231.5	242.3				
Value..... do.....	582.2	706.2	652.9	755.8	736.2	720.1	716.6	660.5	690.0	685.2	763.9	714.3	752.2				
General imports:																	
Unit value..... do.....	347.4	435.6	419.4	431.0	430.0	432.6	440.6	442.2	444.7	445.8	449.3	451.4	458.2				
Quantity..... do.....	221.7	205.9	220.1	218.7	204.9	213.1	208.6	195.6	189.0	190.7	201.1	193.0	207.5				
Value..... do.....	770.1	896.9	923.1	942.5	881.1	921.9	918.9	864.7	840.3	850.1	903.5	871.4	950.5				
Shipping Weight and Value																	
Waterborne trade:																	
Exports (incl. reexports):																	
Shipping weight..... thous. sh. tons.	357,793		27,426	31,468	34,391	34,042	35,716	33,978	36,373	33,668	36,364	33,354					
Value..... mil. \$.	97,579		8,954	10,285	10,162	10,071	10,282	9,619	10,225	9,662	10,642	9,723					
General imports:																	
Shipping weight..... thous. sh. tons.	597,495		47,966	43,967	39,430	42,630	43,584	36,982	38,122	35,812	38,068	35,684					
Value..... mil. \$.	140,091		14,404	14,231	13,564	14,532	14,594	13,483	13,328	12,753	13,185	12,784					

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TRANSPORTATION AND COMMUNICATION																
TRANSPORTATION																
Air Carriers (Scheduled Service)																
Certificated route carriers:																
Passenger-miles (revenue)	bil.	262.06	254.18	18.57	22.06	20.52	20.58	23.27	24.49	26.39	19.61	20.69	17.86	20.22		
Passenger-load factor	percent.	62.9	59.0	55.1	61.2	58.5	57.4	63.0	62.9	66.3	55.9	57.7	55.2	57.8		
Ton-miles (revenue), total	mil.	33,388	32,487	2,415	2,833	2,635	2,665	2,914	3,050	3,236	2,540	2,629	2,379	2,590		
Operating revenues (quarterly) # \$																
Passenger revenues	do.	27,221			7,624			8,152			8,926					
Cargo revenues	do.	26,786			6,373			6,844			7,555					
Mail revenues	do.	2,211			568			591			590					
Operating expenses (quarterly) \$	do.	363			150			153			143					
Net income after taxes (quarterly) \$	do.	27,018			7,950			8,289			8,657					
	do.	403			-276			116			203					
Domestic operations:																
Passenger-miles (revenue)	bil.	209.13	200.09	15.14	18.01	16.48	16.06	18.19	18.64	20.25	14.84	15.80	14.24	16.34	13.85	12.31
Cargo ton-miles	mil.	3,466	3,274	282	286	268	284	273	281	282	273	293	265	248		14.39
Mail ton-miles	do.	852	944	73	79	78	78	71	75	75	73	81	76	108		
Operating revenues (quarterly) \$																
Operating expenses (quarterly) \$	mil.	21,646			6,176			6,559			6,853					
Net income after taxes (quarterly) \$	do.	21,514			6,389			6,612			6,700					
	do.	283			-176			-22			105					
International operations:																
Passenger-miles (revenue)	bil.	53.57	54.09	3.43	4.05	4.04	4.52	5.08	5.85	6.76	4.77	4.25	3.62	3.88		
Cargo ton-miles	mil.	2,497	2,458	194	229	205	212	210	214	210	203	216	215	170		
Mail ton-miles	do.	373	392	30	33	32	33	32	30	31	29	33	37	43		
Operating revenues (quarterly) \$																
Operating expenses (quarterly) \$	mil.	5,575			1,449			1,592			2,073					
Net income after taxes (quarterly) \$	do.	5,505			1,561			1,676			1,958					
	do.	-48			-99			-94			94					
Urban Transit Systems																
Passengers carried, total	mil.	*8,130	8,228	679	744	637	718	695	641	656	681	748	663	681	647	
Motor Carriers																
Carriers of property, large, class I, qtrly.:																
Number of reporting carriers		100						*100								
Operating revenues, total	mil.	18,799						*7,489								
Net income, after extraordinary and prior period charges and credits	mil.	363						*96								
Tonnage hauled (revenue), common and contract carrier service	mil. tons.	224						*92								
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common and contract carriers of property (qtrly.)		157														
Common carriers of general freight, seas. adj. 1967=100..		180.3	148.8	156.7	157.5	150.5	141.7	140.4	136.0	141.4	146.6	147.4	150.9	153.0	152.7	151.5
Class I Railroads ‡																
Financial operations, qtrly. (AAR), excl. Amtrak:																
Operating revenues, total #	mil.	25,352	28,254		6,802			6,959			6,995			7,514		
Freight	do.	23,912			6,329			6,492			6,521					
Passenger, excl. Amtrak	do.	387			98			107			117					
Operating expenses																
Net railway operating income	do.	24,093	26,352		6,404			6,662			6,623			6,807		
Net income (after taxes)	do.	858	1,337		270			175			222			540		
	do.	840	1,131		274			184			156			545		
Traffic:																
Ton-miles of freight (net), total, qtrly	bil.	928.7			236.1			230.8			226.8					
Revenue ton-miles, qtrly. (AAR)	do.	913.7	918.2		233.0			227.2			222.4			235.9		234.9
Price index for railroad freight	1969=100..	*243.4	285.5	267.7	269.8	279.7	279.7	282.3	291.7	292.4	298.5	299.0	299.6	300.5	313.8	317.7
Travel																
Hotels and motor-hotels:																
Restaurant sales index same month 1967=100..		170		169	188	177	203	277	198	309	247	267				
Hotels: Average room sale \$	dollars.	45.69	46.52	46.77	49.04	48.51	49.56	48.19	49.40	52.17	53.05					
Rooms occupied	% of total.	72		66	72	71	71	75	58	48	69	77				
Motor-hotels: Average room sale \$	dollars.	32.36	34.63	35.46	35.13	35.99	35.48	36.70	36.92	34.37	35.46					
Rooms occupied	% of total.	71		70	74	72	69	74	64	55	66	70				
Foreign travel:																
U.S. citizens: Arrivals	thous.	9,259		626	741	728	747	820	946	172	704	726	610			
Departures	do.	9,681		692	807	754	839	1,056	1,035	954	796	710	655			
Aliens: Arrivals	do.	9,886		648	851	806	906	995	1,272	2,183	1,000	883	787			
Departures	do.	7,814		530	596	692	697	768	883	1,175	858	773	718			
Passports issued	do.	3,170	3,020	258	313	340	318	329	303	222	200	179	150	158	233	237
National parks, visits @	dollars.	56,922	59,081	1,846	2,339	3,289	4,694	7,451	10,482	10,661	6,195	5,250	2,875	2,167	2,027	2,109
COMMUNICATION																
Telephone carriers:																
Operating revenues #	mil.	50,604		4,470	4,584	4,599	4,638	4,659	4,820	4,831	4,825	5,014	4,848			
Station revenues	do.	21,968		1,952	1,976	1,990	2,008	1,995	2,022	2,030	2,059	2,113	2,097			
Tolls, message	do.	22,389		1,769	1,882	1,853	1,861	1,888	1,996	1,987	1,959	2,059	1,905			
Operating expenses (excluding taxes)	do.	33,110		3,000	3,072	3,093	3,099	3,119	3,167	3,228	3,305	3,270	3,257			
Net operating income (after taxes)	do.	9,084		781	810	832	828	834	889	860	827	950	891			
Phones in service, end of period	mil.	155.1		156.8	157.3	157.7	157.7	157.8	158.0	158.3	158.8	159.4	159.6			
Telegraph carriers:																
Domestic:																
Operating revenues	mil.	636.0		55.6	57.7	57.1	59.6	57.6	59.1	57.1	59.9	61.7	56.1	60.5		
Operating expenses	do.	519.2		44.3	44.0	46.2	46.4	46.8	48.3	47.8	48.8	48.2	46.5	49.0		
Net operating revenues (before taxes)	do.	80.2		8.3	9.3	7.9	10.1	7.7	7.8	6.4	7.7	9.7	6.2	7.8		
Overseas, total:																
Operating revenues	do.	491.1		43.2	44.1	44.2	45.7	44.8	45.4	42.1	44.7	47.3	42.4	46.2		
Operating expenses	do.	326.2		29.0	29.9	30.2	30.5	30.9	31.2	30.1	31.1	32.3	31.1	39.6		
Net operating revenues (before taxes)	do.	142.7		12.4	12.2	12.2	13.4	12.1	12.3	10.1	12.8	12.8	9.2	5.1		

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980												1981		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
CHEMICALS AND ALLIED PRODUCTS																	
CHEMICALS																	
Inorganic Chemicals																	
Production:																	
Aluminum sulfate, commercial (17% Al_2O_3) ‡																	
thous. sh. tons..	1,314	1,182	102	102	96	101	91	108	105	97	102	85	103	93			
Chlorine gas (100% Cl_2) ‡	12,228	*11,198	992	962	970	949	872	813	824	903	938	949	*1,011	869			
Hydrochloric acid (100% HCl) ‡	3,090	*2,812	237	243	236	218	221	197	219	240	233	222	*250	243			
Phosphorus, elemental ‡	460	440	38	42	37	39	32	32	33	28	43	39	40	36			
Sodium hydroxide (100% NaOH) ‡	12,772	*11,324	1,012	974	967	901	874	843	840	907	972	966	*1,031	908			
Sodium silicate, anhydrous ‡	770	740	65	73	64	56	65	46	66	66	56	53	55	49			
Sodium sulfate, anhydrous ‡	1,115	*1,258	112	104	101	102	114	104	106	101	109	100	*103	93			
Sodium tripolyphosphate (100% $Na_3P_3O_{10}$) ‡																	
do.....	758	719	63	70	62	57	61	56	58	58	61	60	53	55			
Titanium dioxide (composite and pure) ‡	741	*713	68	71	69	55	61	53	57	53	48	56	*59	58			
Sulfur, native (Frasch) and recovered:																	
Production.....thous. lg. tons..	*10,263	10,201	824	879	834	826	821	863	834	802	842	843	888	*890	822		
Stocks (producers') end of period.....	4,172	*3,042	3,973	3,896	3,774	3,664	3,594	3,570	3,503	3,405	3,306	3,269	*3,042	*3,018	2,989		
Inorganic Fertilizer Materials																	
Production:																	
Ammonia, synthetic anhydrous ‡																	
thous. sh. tons..	18,523	*19,028	1,602	1,665	1,633	1,626	1,498	1,528	1,634	1,475	1,474	1,550	*1,730	1,651			
Ammonium nitrate, original solution ‡	7,543	*8,590	750	775	775	782	653	568	624	632	698	750	*821	837			
Ammonium sulfate ‡	2,363	*1,469	(*)	181	155	149	(*)	172	161	168	191	(*)	(*)	(*)			
Nitric acid (100% HNO_3) ‡	8,465	*8,931	790	824	796	783	653	592	647	672	726	780	*861	836			
Nitrogen solutions (100% N) ‡	2,245	3,031	252	262	260	280	270	250	254	232	208	242	269	253			
Phosphoric acid (100% P_2O_5) ‡	10,317	*10,808	895	996	951	838	858	801	914	909	901	916	*983	865			
Sulfuric acid (100% H_2SO_4) ‡	43,119	*43,888	3,538	3,860	3,967	3,494	3,471	3,470	3,540	3,574	3,610	3,793	*3,994	3,695			
Superphosphate and other phosphatic fertilizers (100% P_2O_5):																	
Production.....thous. sh. tons..	7,662	*8,086	674	703	713	630	624	648	693	669	666	676	*728	*1,693			
Stocks, end of period.....	366	*372	471	495	587	637	509	460	483	515	431	481	*372	*1,123			
Potash, deliveries (K_2O) ‡	*7,640	6,950	574	477	612	355	535	563	657	456	674	663	810	*371	556		
Exports, total #	*28,043	42,389	1,956	15,451	2,049	2,034	3,123	3,013	3,125	2,580	2,487	1,853	2,486	*2,261	1,803		
Nitrogenous materials.....	3,176	5,752	201	2,387	219	171	398	402	534	319	343	224	337	309	258		
Phosphate materials.....	17,919	27,661	1,256	11,758	1,429	1,301	1,654	1,471	1,657	1,560	1,595	1,130	1,408	1,362	1,125		
Potash materials.....	1,576	2,496	156	807	106	95	282	221	166	178	83	133	101	109	75		
Imports:																	
Ammonium nitrate.....	277	247	20	21	52	20	10	10	27	12	19	13	17	20	18		
Ammonium sulfate.....	245	289	29	31	53	12	26	11	14	12	16	26	18	42	13		
Potassium chloride.....	9,275	8,907	719	644	756	527	563	762	638	751	836	901	952	681	681		
Sodium nitrate.....	116	158	20	25	17	22	21	0	11	0	13	6	10	0	13		
Industrial Gases																	
Production:																	
Acetylene..... mil. cu. ft..	5,741	*5,633	524	511	481	443	439	382	429	483	506	405	*504	509	443		
Carbon dioxide, liquid, gas, and solid																	
thous. sh. tons..	3,124	*3,544	258	267	268	289	324	325	334	326	298	298	*292	304	281		
Hydrogen (high and low purity).....mil. cu. ft..	99,271	*95,883	8,474	8,433	8,365	8,080	7,524	6,845	6,678	7,857	7,740	8,632	*9,119	7,879	8,603		
Nitrogen (high and low purity).....	427,151	*473,322	38,895	39,599	38,348	40,088	35,665	37,418	35,649	40,552	43,459	43,483	*41,900	40,146	38,316		
Oxygen (high and low purity).....	456,636	*414,615	37,582	37,952	36,456	34,916	29,298	28,163	31,637	32,186	35,529	35,966	*37,095	35,675	32,805		
Organic Chemicals §																	
Production:																	
Acetylsalicylic acid (aspirin).....mil. lb..	*31.9	*33.7	3.2	3.7	3.7	3.8	3.4	2.7	2.5	2.8	3.2	2.7	2.8				
Cresote oil.....mil. gal..	*161.6	*152.5	12.9	14.1	12.2	13.5	12.0	11.7	11.3	14.8	12.3	11.7	14.0				
Ethyl acetate (85%).....mil. lb..	*262.4	*242.5	23.3	22.7	19.7	15.8	16.8	15.7	17.0	19.8	20.1	22.2	22.0				
Formaldehyde (37% $HCHO$).....	*5,971.1	*5,692.8	514.7	534.3	511.6	476.4	422.9	355.8	416.0	483.2	524.2	498.6	519.0				
Glycerin, refined, all grades.....	297.8	314.7	28.1	28.2	28.5	27.8	24.7	31.3	20.6	26.4	25.3	24.3	22.3	*25.9	20.9		
Methanol, synthetic.....mil. gal..	*1,109.5	*1,063.8	89.8	90.7	95.9	80.0	87.4	92.7	80.5	81.3	69.5	84.1	106.1				
Phthalic anhydride.....mil. lb..	*1,012.9	*856.9	83.6	91.6	84.2	73.4	49.8	43.2	51.0	67.5	73.5	73.7	79.2				
ALCOHOL																	
Ethyl alcohol and spirits:																	
Production..... mil. tax gal..	*570.3		52.7	54.7	54.6	54.0	45.7	52.8	46.4	57.2	64.3	47.7					
Stocks, end of period.....	53.6		56.5	55.4	67.8	73.5	65.0	72.7	70.4	67.1	57.5	62.3					
Denatured alcohol:																	
Production.....mil. wine gal..	260.7		25.3	28.6	27.5	26.4	28.2	22.7	21.3	22.6	21.5	16.4					
Consumption (withdrawals).....	260.9		25.5	28.0	28.4	25.6	23.8	22.6	23.1	23.2	21.4	16.4					
Stocks, end of period.....	4.1		1.8	5.3	3.4	3.4	6.6	16.6	19.9	10.2	4.8	7.8					
PLASTICS AND RESIN MATERIALS																	
Production:																	
Phenolic resins.....mil. lb..	*1,778.6	*1,427.3	132.0	138.7	117.8	91.3	98.3	95.5	109.8	120.9	131.9	126.4	112.5				
Polyethylene and copolymers.....	*12,408.4	*11,459.3	1,012.4	1,116.1	1,059.4	971.4	724.2	761.1	805.0	906.8	967.3	972.4	1,021.1				
Polypropylene.....	*3,823.9	*3,383.3	298.4	325.8	328.8	287.4	231.6	213.9	241.6	253.3	259.3	282.2	286.1				
Polystyrene and copolymers.....	*6,326.9	*5,448.0	510.8	422.5	480.7	398.6	355.4	433.7	397.9	454.3	495.8	464.2	498.2				
Polyvinyl chloride and copolymers.....	*6,211.4	*5,497.0	519.6	575.1	496.5	401.4	351.5	349.4	393.3	458.9	515.6	513.0	498.8				
MISCELLANEOUS PRODUCTS																	
Explosives (industrial), shipments, quarterly																	
mil. lb..	2,987.1	*3,000.4		756.9			751.4			704.0			788.6				
Paints, varnish, and lacquer, shipments:																	
Total shipments @..... mil. \$..	*7,024.8	*7,635.9	567.9	611.9	648.0	702.4	721.6	682.9	689.3	698.2	706.1	546.4	*520.3	569.1			
Architectural coatings.....	*3,418.7	*3,641.2	258.1	289.3	317.2	366.1	381.7	367.3	341.0	329.5	314.8	222.9	*217.4	248.5			
Product finishes (OEM).....	*2,284.0	*2,418.5	204.2	204.5	202.5	197.5	193.1	169.5	199.7	221.7	233.5	202.3	*193.3	208.5			
Special purpose coatings.....	*1,322.0	*1,576.2	105.7	118.1	128.3	138.8	146.8	146.0	148.6	147.0	157.9	*121.2	*109.7	112.0			

See footnotes at end of tables.

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

ELECTRIC POWER AND GAS

ELECTRIC POWER																
Production:																
Electric utilities, total.....mil. kw.-hr.	2,247,197	2,285,484	188,708	187,542	168,562	175,733	189,430	216,051	215,435	191,483	178,541	178,552	195,420			
By fuels.....do.....	1,966,868	2,009,574	167,331	163,210	142,817	146,867	161,774	191,750	194,959	172,991	160,675	159,335	173,136			
By waterpower.....do.....	280,329	275,910	21,378	24,332	25,745	28,866	27,656	24,302	20,476	18,491	17,866	19,217	22,284			
Sales to ultimate customers, total (Edison Electric Institute).....mil. kw.-hr.	2,079,221	2,096,884	178,454	175,605	164,699	157,676	165,924	182,194	192,936	188,204	171,198	165,276	174,903			
Commercial and industrial:																
Small light and power \$.....do.....	493,494	509,815	41,186	40,777	38,745	38,321	41,822	46,461	48,872	47,405	42,476	40,363	41,871			
Large light and power \$.....do.....	815,586	791,596	66,328	67,179	66,125	65,053	64,946	63,715	65,597	67,583	66,978	65,657	66,324			
Railways and railroads.....do.....	4,245	4,288	370	366	353	347	342	348	356	349	356	351	381			
Residential or domestic.....do.....	694,266	721,116	64,587	61,451	53,831	48,483	53,300	65,866	72,190	66,866	55,528	53,194	60,270			
Street and highway lighting.....do.....	14,755	14,813	1,281	1,267	1,199	1,154	1,124	1,121	1,163	1,203	1,266	1,307	1,353			
Other public authorities.....do.....	49,481	48,653	4,169	4,016	3,900	3,767	3,857	4,138	4,185	4,249	4,031	3,835	4,147			
Interdepartmental.....do.....	7,394	6,603	533	550	545	551	533	545	573	550	564	568	557			
Revenue from sales to ultimate customers (Edison Electric Institute).....mil. \$.	77,691.5	91,667.8	7,067.1	7,161.6	6,821.4	6,743.8	7,400.4	8,392.0	9,029.8	8,745.4	7,831.2	7,448.8	7,910.2			
GAS																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total.....thous.	46,817			47,577			47,206			46,886						
Residential.....do.....	43,137			43,711			43,504			42,238						
Commercial.....do.....	3,441			3,627			3,464			3,414						
Industrial.....do.....	193			183			195			189						
Other.....do.....	45			56			43			44						
Sales to customers, total.....tril. Btu.	15,644			5,506			3,169			2,610						
Residential.....do.....	5,077			2,171			899			401						
Commercial.....do.....	2,506			995			447			271						
Industrial.....do.....	7,753			2,236			1,768			1,894						
Other.....do.....	309			104			55			44						
Revenue from sales to customers, total.....mil. \$.	39,380			16,382			9,960			8,289						
Residential.....do.....	14,769			7,192			3,388			1,748						
Commercial.....do.....	6,609			3,149			1,534			970						
Industrial.....do.....	17,495			5,840			4,934			5,482						
Other.....do.....	506			201			104			90						

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production.....mil. bbl.	184.19	191.48	14.72	16.56	16.36	17.97	17.93	18.72	17.02	16.29	14.95	13.02	13.32	13.31		
Taxable withdrawals.....do.....	168.12	170.81	12.49	14.08	14.33	16.19	15.81	17.08	15.35	14.51	13.53	12.51	12.38	12.08		
Stocks, end of period.....do.....	13.29	13.96	13.83	14.84	15.31	17.44	15.43	14.72	14.45	15.01	14.18	13.94	13.96	13.98		
Distilled spirits (total):																
Production.....mil. tax gal.	186.68		12.73	13.36	13.92	13.49	10.96	4.72	7.14	8.97	14.17	12.70				
Consumption, apparent, for beverage purposes.....mil. wine gal.	*1447.52	*449.93	31.79	34.58	35.43	34.60	37.28	36.35	*34.48	34.68	*38.25	42.53	54.40			
Stocks, end of period.....mil. tax gal.	645.67		648.95	648.08	649.21	649.19	649.27	639.72	633.44	625.89	617.26	626.84				
Imports.....mil. proof gal.	123.65	113.98	9.06	7.79	8.26	9.64	7.88	9.82	7.83	11.35	14.66	11.84	9.55	8.84	8.72	
Whisky:																
Production.....mil. tax gal.	101.26		7.63	9.54	10.30	9.48	7.85	2.72	4.45	5.10	6.75	6.15				
Stocks, end of period.....do.....	581.16		580.20	580.01	581.99	584.21	585.50	576.77	572.26	565.61	559.61	556.03				
Imports.....mil. proof gal.	95.40	86.00	6.85	5.62	6.20	7.08	6.00	7.43	5.80	9.04	11.35	9.09	7.06	6.51	5.06	
Wines and distilling materials:																
Effervescent wines:																
Production.....mil. wine gal.	23.48		1.47	1.80	1.72	2.21	1.62	1.98	2.65	1.92	3.61	2.42				
Taxable withdrawals.....do.....	22.40		1.41	1.88	1.49	1.45	1.85	1.51	2.07	1.75	4.07	3.52				
Stocks, end of period.....do.....	10.03		8.56	3.36	10.53	11.04	10.03	10.57	9.83	12.25	11.68	10.55				
Imports.....do.....	4.53	4.83	0.31	0.35	0.32	0.38	0.29	0.32	0.35	0.44	0.50	0.66	0.66	0.85	0.35	
Still wines:																
Production.....do.....	434.00		4.72	5.28	5.66	4.65	2.93	6.17	20.23	164.44	201.68	57.56				
Taxable withdrawals.....do.....	328.45		26.52	31.19	26.71	29.76	27.18	26.92	27.26	23.16	38.27	29.14				
Stocks, end of period.....do.....	558.31		515.72	477.58	481.83	434.17	384.80	364.05	341.12	485.38	643.49	627.03				
Imports.....do.....	87.63	97.68	6.39	6.77	7.80	9.26	7.38	8.99	8.06	9.14	8.76	9.23	9.03	8.91	7.52	
Distilling materials produced at wineries.....do.....	254.36		6.86	1.60	1.49	2.27	3.44	1.82	10.22	37.10	90.62	31.48				
DAIRY PRODUCTS																
Butter, creamery:																
Production (factory) @.....mil. lb.	984.6	1,142.0	99.1	101.7	111.1	116.4	93.8	85.0	77.7	77.2	89.6	84.9	101.7	121.3	110.1	
Stocks, cold storage, end of period.....do.....	177.8	304.6	*205.6	*217.2	*238.1	*281.7	*295.9	*308.0	306.4	*302.9	*301.5	*302.7	304.6	*332.1	371.3	
Price, wholesale, 92 score (N.Y.).....\$ per lb.	1.272	1.448	1.357	1.367	1.396	1.413	1.424	1.433	1.515	1.517	1.526	1.536	1.539	1.534	1.537	1.535
Cheese:																
Production (factory), total @.....mil. lb.	3,715.3	3,945.5	297.9	341.1	332.8	359.6	354.2	329.4	316.7	315.0	328.1	315.0	345.2	*342.8	316.5	
American, whole milk @.....do.....	2,187.7	2,354.1	176.5	194.5	203.6	230.5	223.1	205.9	192.7	181.5	186.0	177.2	200.7	212.2	198.1	
Stocks, cold storage, end of period.....do.....	512.1	578.8	*508.9	*495.1	*510.5	*544.4	*582.7	*620.0	*613.8	*610.6	*590.9	*565.4	578.8	*601.7	611.3	
American, whole milk.....do.....	406.5	479.6	*399.5	*387.7	*405.1	*438.5	*472.1	*507.7	*501.2	*498.2	*484.4	462.3	479.6	*504.7	523.7	
Imports.....do.....	248.3	231.2	6.7	9.2	10.6	13.7	15.1	17.6	17.5	24.9	29.3	30.9	44.4	10.3	11.6	
Price, wholesale, American, single daisies (Chicago).....\$ per lb.	1.414	1.562	1.472	1.508	1.535	1.542	1.548	1.555	1.570	1.615	1.653	1.641	1.641	1.640	1.640	1.669

See footnotes at end of tables.

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
DAIRY PRODUCTS—Continued																
Condensed and evaporated milk:																
Production, case goods @	796.1	725.0	58.3	62.0	68.8	63.9	69.1	66.9	57.8	56.2	50.4	51.5	60.3	55.7	54.7	.....
Stocks, manufacturers', case goods, end of month or year	76.7	51.8	73.9	76.2	88.6	105.8	115.8	127.8	131.7	119.6	93.4	75.6	51.8	41.7	36.9	.....
Exports	42.3	43.4	3.6	3.7	4.0	4.4	2.8	2.1	3.1	4.2	4.0	3.6	5.0	2.8	3.4	.....
Fluid milk:																
Production on farms	123,411	128,425	9,970	10,946	11,013	11,664	11,321	11,036	10,782	10,364	10,455	10,076	10,491	10,739	10,093	.....
Utilization in mfd. dairy products @	65,839	71,269	5,488	6,081	6,345	6,895	6,580	6,339	5,897	5,398	5,601	5,127	5,912	*6,212	5,903	.....
Price, wholesale, U.S. average	12.00	13.00	12.80	12.70	12.70	12.60	12.50	12.60	12.80	13.20	13.70	14.00	14.10	14.10	*14.00	*13.90
Dry milk:																
Production:																
Dry whole milk @	85.3	84.3	6.1	8.1	6.6	5.7	7.1	7.4	6.2	6.2	8.2	7.9	6.8	6.8	6.0	.....
Nonfat dry milk (human food) @	908.7	1,151.0	75.8	90.1	112.0	133.4	132.6	122.1	102.1	75.8	74.2	68.5	89.4	92.0	95.3	.....
Stocks, manufacturers', end of period:																
Dry whole milk	4.3	5.3	4.6	6.1	4.4	4.8	6.3	6.5	4.5	3.0	3.4	5.0	5.3	*6.6	5.1	.....
Nonfat dry milk (human food) @	92.6	85.0	80.5	83.7	114.4	140.4	137.4	118.7	109.5	76.2	75.3	69.5	85.0	*80.6	91.0	.....
Exports, whole and nonfat (human food)	73.3	176.2	10.1	15.7	6.6	11.7	15.3	5.3	10.6	28.1	26.5	14.7	17.5	16.9	7.2	.....
Price, manufacturers' average selling, nonfat dry milk (human food) @	0.800	0.887	0.839	0.840	0.872	0.887	0.888	0.889	0.892	0.897	0.922	0.936	0.939	0.938	0.936	.....
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat)	3,640.3	3,914.3	281.2	310.0	321.0	266.3	298.7	327.6	363.2	350.5	368.1	366.4	382.9	348.0	341.7	.....
Barley:																
Production (crop estimate) §	*382.8	*358.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stocks (domestic), end of period, total	365.6	302.6	.....	262.3	.....	*192.1	.....	.....	.....	395.3	.....	.....	302.6	.....	.....	.....
On farms	246.4	184.5	.....	166.0	.....	*112.4	.....	.....	.....	248.0	.....	.....	184.5	.....	.....	.....
Off farms	119.2	118.1	.....	96.3	.....	*79.7	.....	.....	.....	147.3	.....	.....	118.1	.....	.....	.....
Exports, including malt §	34.5	68.9	3.9	4.1	6.7	4.7	5.1	3.7	9.3	6.7	5.6	6.8	9.1	6.4	11.5	.....
Prices, wholesale (Minneapolis):																
No. 2, malting	2.67	.....	2.62	2.54	2.67	2.76	2.90	(*)	.....	.....	.....	.....	.....	.....	.....	.....
No. 3, straight	2.61	.....	2.62	2.58	2.63	2.69	2.95	(*)	.....	.....	.....	.....	.....	.....	.....	.....
Corn:																
Production (crop estimate, grain only) §	*7,938.8	*6,647.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stocks (domestic), end of period, total	6,886.2	5,853.3	.....	4,857.3	.....	*3,670.4	.....	.....	.....	*1,617.5	.....	.....	5,853.3	.....	.....	.....
On farms	5,041.7	4,140.1	.....	3,441.0	.....	*2,577.8	.....	.....	.....	*920.9	.....	.....	4,140.1	.....	.....	.....
Off farms	1,844.5	1,713.2	.....	1,416.3	.....	*1,092.6	.....	.....	.....	*696.6	.....	.....	1,713.2	.....	.....	.....
Exports, including meal and flour	2,333.5	2,485.3	184.6	204.8	213.3	170.3	192.0	197.1	206.2	202.6	240.9	245.0	238.6	208.3	199.8	.....
Price, wholesale:																
Weighted avg., selected markets, all grades	2.42	.....	2.56	2.58	2.64	2.88	2.75	(*)	.....	.....	.....	.....	.....	.....	.....	.....
Oats:																
Production (crop estimate) §	*526.6	*457.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stocks (domestic), end of period, total	476.8	390.9	.....	339.6	.....	*236.4	.....	.....	.....	484.1	.....	.....	390.9	.....	.....	.....
On farms	400.8	329.2	.....	284.3	.....	*198.3	.....	.....	.....	394.8	.....	.....	329.2	.....	.....	.....
Off farms	76.0	61.8	.....	55.3	.....	*38.1	.....	.....	.....	89.3	.....	.....	61.8	.....	.....	.....
Exports, including oatmeal	4.8	9.0	0.1	0.1	0.5	0.4	1.2	1.0	1.3	1.0	1.7	0.5	0.9	0.7	1.4	.....
Price, wholesale, No. 2, white (Minneapolis)	1.57	.....	1.51	1.47	1.52	1.64	1.65	(*)	.....	.....	.....	.....	.....	.....	.....	.....
Rice:																
Production (crop estimate) §	*131.9	*145.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California mills:																
Receipts, domestic, rough	2,721	3,582	248	247	243	254	320	288	237	195	476	368	342	354	253	.....
Shipments from mills, milled rice	1,800	2,711	146	228	192	176	256	285	113	258	132	238	339	216	271	.....
Stocks, rough and cleaned (cleaned basis), end of period	249	231	214	173	169	156	166	100	162	49	255	301	231	283	224	.....
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers	9,247	10,831	1,032	620	289	166	155	218	829	2,439	2,170	1,077	1,358	436	830	.....
Shipments from mills, milled rice	6,019	6,805	621	619	490	445	611	412	498	568	687	583	761	590	635	.....
Stocks, domestic, rough and cleaned (cleaned basis), end of period	2,503	2,969	2,346	2,138	1,859	1,552	1,082	866	912	1,938	2,664	2,813	2,969	2,686	2,604	.....
Exports	4,978	6,620	557	584	518	585	540	644	419	577	409	474	730	533	613	.....
Price, wholesale, No. 2, medium grain (Southwest Louisiana)	0.173	0.225	0.220	0.235	0.240	0.240	0.220	0.210	0.205	0.205	0.210	0.245	0.265	0.270	0.270	0.275
Rye:																
Production (crop estimate) §	*22.4	*16.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stocks (domestic), end of period	17.7	9.2	.....	15.0	.....	*12.2	.....	.....	.....	18.4	.....	.....	9.2	.....	.....	.....
Price, wholesale, No. 2 (Minneapolis)	2.51	.....	2.36	2.38	2.18	2.44	2.73	(*)	.....	.....	.....	.....	.....	.....	.....	.....
Wheat:																
Production (crop estimate), total §	*2,134	*2,370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spring wheat §	*533	*478	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winter wheat §	*1,601	*1,891	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Distribution, quarterly @	2,051	2,186	.....	492	.....	.....	*324	.....	.....	*800	.....	.....	570	.....	.....	.....
Stocks (domestic), end of period, total	1,716.2	1,902.0	.....	1,225.1	.....	*902.0	.....	.....	.....	2,471.9	.....	.....	1,902.0	.....	.....	.....
On farms	773.9	754.1	.....	569.6	.....	*376.5	.....	.....	.....	975.3	.....	.....	754.1	.....	.....	.....
Off farms	942.2	1,147.9	.....	655.5	.....	*525.5	.....	.....	.....	1,496.6	.....	.....	1,147.9	.....	.....	.....
Exports, total, including flour	1,265.1	1,344.5	92.5	101.1	100.3	90.7	99.9	125.7	144.6	139.3	118.6	113.4	133.4	132.2	128.8	.....
Wheat only	1,222.5	1,309.5	89.5	94.7	98.3	88.6	96.2	123.6	139.6	136.0	116.2	112.2	131.9	129.9	124.4	.....
Prices, wholesale:																
No. 1, dark northern spring (Minneapolis)	4.08	.....	4.22	4.20	4.13	4.48	4.54	(*)	.....	.....	.....	.....	.....	.....	.....	.....
No. 2 hd. and dk. hd. winter (Kans. City)	4.03		4.42	4.19	3.94	4.13	4.12	(*)								
Weighted avg., selected markets, all grades	3.73		4.51	4.33	4.40	4.63	4.68	(*)								

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FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																	
GRAIN AND GRAIN PRODUCTS—Continued																	
Wheat flour:																	
Production:																	
Flour ‡.....thous. sacks (100 lb.)..	284,051	282,655	22,624	22,165	21,231	22,814	21,356	23,137	24,025	24,813	26,285	24,420	25,232	*25,860	22,875	.....	
Millfeed ‡.....thous. sh. tons..	4,945	4,867	394	384	368	390	377	410	424	430	453	392	415	*421	400	.....	
Grindings of wheat ‡.....thous. bu..	636,375	628,499	50,352	49,104	47,170	49,836	47,786	51,760	52,980	54,762	58,392	54,582	56,820	*57,513	51,204	.....	
Stocks held by mills, end of period																	
.....thous. sacks (100 lb.)..	3,975	3,842	.....	3,323	.....	.....	4,268	.....	.....	3,716	.....	.....	3,842	.....	.....	.....	
Exports.....do.....	18,291	15,014	1,300	2,713	867	918	1,606	894	2,137	1,396	1,034	522	609	980	1,896	.....	
Prices, wholesale:																	
Spring, standard patent (Minneapolis)																	
.....\$ per 100 lb..	9.508	*10.566	10.413	10.113	9.688	10.375	10.338	11.025	10.963	10.975	11.113	11.138	.....	11.050	11.113	10.975	
Winter, hard, 95% patent (Kans. City).....do.....	9.268	*10.116	10.263	9.813	9.488	10.013	9.838	10.000	10.113	10.475	10.600	10.675	.....	10.663	10.400	10.275	
POULTRY AND EGGS																	
Poultry:																	
Slaughter (commercial production).....mil. lb..	13,820	14,048	1,047	1,081	1,183	1,226	1,206	1,211	1,170	1,215	1,319	1,070	1,150	*1,171	1,027	.....	
Stocks, cold storage (frozen), end of period, total																	
.....mil. lb..	387	339	*366	*361	*372	*402	*461	495	548	*556	*579	*403	339	*359	355	.....	
Turkeys.....do.....	240	198	*225	209	*207	*234	*287	326	384	399	*420	*258	198	208	208	.....	
Price, in Georgia producing area, live broilers																	
.....\$ per lb..	0.260	0.270	0.255	0.240	0.215	0.225	0.235	0.300	0.305	0.325	0.315	0.290	0.295	0.285	0.290	0.285	
Eggs:																	
Production on farms @ mil. cases \$..	192.3	193.6	15.5	16.5	15.9	16.1	15.5	15.9	16.0	15.9	16.5	16.1	16.8	16.6	15.0	.....	
Stocks, cold storage, end of period:																	
Shell thous. cases \$..	38	31	24	*22	*30	47	*51	*39	*28	39	15	*19	31	22	19	.....	
Frozen mil. lb..	23	24	24	23	26	27	29	29	31	30	29	25	24	*25	24	.....	
Price, wholesale, large (delivered; Chicago)																	
.....\$ per doz..	0.662	0.628	0.563	0.606	0.568	0.508	0.546	0.632	0.659	0.688	0.643	0.757	0.773	0.714	0.672	.....	
LIVESTOCK																	
Cattle and calves:																	
Slaughter (federally inspected):																	
Calves thous. animals..	2,499	*2,294	187	*201	185	161	154	186	182	198	228	185	214	215	190	.....	
Cattle do.....	31,504	31,642	2,486	2,403	*2,540	2,616	2,533	2,667	2,684	2,739	*3,002	2,507	2,725	2,803	2,483	.....	
Prices, wholesale:																	
Beef steers (Omaha)\$ per 100 lb..	67.75	66.96	67.44	66.88	63.07	64.58	66.29	70.47	72.31	69.68	67.18	65.05	64.29	63.08	61.50	61.40	
Steers, stocker and feeder (Kansas City).....do.....	77.60	71.30	78.35	72.67	66.89	65.52	68.83	69.48	71.92	71.53	71.64	70.23	70.04	68.56	68.41	65.47	
Calves, vealers (So. St. Paul).....do.....	91.41	75.53	70.88	73.88	73.60	71.88	72.00	73.00	79.12	85.00	83.40	76.47	77.17	77.38	78.00	80.88	
Hogs:																	
Slaughter (federally inspected).....thous. animals..	85,425	*91,882	*7,277	*7,856	*8,456	*8,167	7,279	6,910	6,745	*7,601	8,404	*7,362	7,788	7,768	6,873	.....	
Prices:																	
Wholesale, average, all weights (Sioux City)																	
.....\$ per 100 lb..	42.13	39.48	37.61	33.97	29.08	29.35	34.97	41.78	48.49	47.42	48.36	46.44	45.07	41.67	42.78	39.88	
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....do.....	18.3	14.5	15.4	13.9	11.9	11.8	13.3	15.1	15.8	15.3	15.8	14.7	13.8	12.8	*12.8	12.1	
Sheep and lambs:																	
Slaughter (federally inspected).....thous. animals..	4,833	5,363	419	470	466	454	400	420	427	466	510	415	468	488	426	.....	
Price, wholesale, lambs, average (Omaha)																	
.....\$ per 100 lb..	66.58	62.46	63.00	61.38	59.50	62.75	64.00	67.50	68.25	65.75	62.00	55.67	53.75	46.50	54.50	55.25	
MEATS																	
Total meats (excluding lard):																	
Production, total mil. lb..	37,225	*38,590	*3,050	*3,099	*3,315	*3,311	*3,089	*3,070	*3,016	3,221	3,577	*3,097	*3,349	*3,416	3,011	.....	
Stocks, cold storage, end of period do.....	706	750	*713	*695	*716	*706	642	*578	514	*510	*584	*679	750	*792	785	.....	
Exports (meat and meat preparations).....do.....	1,378	1,661	108	144	132	139	164	145	129	136	165	144	154	143	141	.....	
Imports (meat and meat preparations).....do.....	2,178	2,050	152	166	134	173	154	208	170	133	207	167	191	171	167	.....	
Beef and veal:																	
Production, total do.....	21,671	*21,849	*1,736	1,683	*1,772	*1,813	*1,755	*1,815	*1,804	1,860	*2,064	*1,733	*1,892	*1,971	1,751	.....	
Stocks, cold storage, end of period do.....	361	338	*368	*344	305	*286	264	250	235	226	250	*286	338	*371	357	.....	
Exports.....do.....	366	425	37	42	37	31	36	38	40	35	39	27	33	34	38	.....	
Imports.....do.....	1,712	1,530	111	121	93	133	111	158	125	95	162	122	143	128	128	.....	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (Central U.S.).....\$ per lb..	1.011	1.044	1.037	1.032	0.994	1.020	1.052	1.101	1.120	1.080	1.055	1.014	1.006	0.998	0.961	0.943	
Lamb and mutton:																	
Production, total mil. lb..	284	310	25	28	28	27	22	23	23	26	29	*24	28	30	26	.....	
Stocks, cold storage, end of period do.....	11	9	9	8	8	9	10	10	9	8	8	10	9	9	8	.....	
Pork (excluding lard):																	
Production, total mil. lb..	15,270	*16,431	*1,288	1,388	*1,516	*1,471	*1,312	*1,232	*1,189	1,335	1,485	1,339	*1,428	1,416	1,234	.....	
Stocks, cold storage, end of period do.....	281	349	*270	291	*345	*357	314	264	217	*222	*269	*321	349	*351	356	.....	
Exports.....do.....	330	314	21	26	32	30	32	28	19	18	28	29	28	27	32	.....	
Imports.....do.....	361	433	34	37	35	31	35	44	39	31	40	37	39	37	33	.....	
Prices, wholesale:																	
Hams, smoked # Index, 1967=100..	252.6	*254.8	210.9	223.3	.....	.....	.....	234.1	266.9	274.8	286.1	294.2	288.8	251.3	246.9	245.9	
Fresh loins, 8-14 lb. average (N.Y.).....\$ per lb..	1.076	1.011	0.951	0.916	0.870	0.866	0.970	1.032	1.116	1.114	1.136	1.100	1.094	1.156	1.146	1.105	
MISCELLANEOUS FOOD PRODUCTS																	
Cocoa (cacao) beans:																	
Imports (incl. shells) thous. lg. tons..	165.2	148.5	9.2	8.0	19.5	15.4	12.0	16.9	9.6	8.2	9.6	9.4	19.9	13.5	27.8	.....	
Price, wholesale, Accra (New York).....\$ per lb..	*1.604	1.354	1.735	1.570	1.470	1.350	1.253	1.345	1.200	1.220	1.190	1.200	1.080	*1.095	*1.100	1.120	
Coffee (green):																	
Inventories (roasters', importers', dealers'), end of period.....thous. bags #..	2,521	2,814	.....	2,918	.....	.....	2,907	.....	.....	2,956	.....	.....	2,814	.....	.....	.....	
Roastings (green weight) do.....	17,005	17,044	.....	4,297	.....	.....	4,023	.....	.....	3,859	.....	.....	4,865	.....	.....	.....	
Imports, total do.....	19,396	18,153	1,366	1,421	1,642	1,566	1,663	1,533	1,386	1,062	1,292	1,486	1,715	1,858	1,738	.....	
From Brazil.....do.....	1,890	3,505	274	44	314	277	287	419	336	208	346	352	341	473	259	.....	
Price, wholesale, Santos, No. 4 (N.Y.).....\$ per lb..	1.763	2.066	2.130	2.050	2.080	2.180	2.110	1.950	2.060	2.060	2.100	2.100	2.080	2.180	2.180	2.180	
Confectionery, manufacturers' sales mil. \$..	4,347	*4,908	469	415	340	325	318	293	396	*526	*533	*454	*425	394	.....	.....	
Fish:																	
Stocks, cold storage, end of period mil. lb..	471	471	399	370	355	345	347	359	380	379	391	400	471	*388	*346		

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FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.																	
MISCELLANEOUS FOOD PRODUCTS—Cont.																	
Sugar (United States):																	
Deliveries and supply (raw basis): \$																	
Production and receipts:																	
Production..... thous. sh. tons..	4,733	*4,678	467	229	116	176	158	70	60	96	592	928	1,127	758	.....	.....	
Deliveries, total..... do.....	10,788	*10,815	874	869	810	965	933	968	975	955	899	744	998	754	.....	.....	
For domestic consumption..... do.....	10,714	*10,122	829	843	765	936	875	907	900	905	808	701	864	697	.....	.....	
Stocks, raw and ref., end of period..... do.....	3,503	2,934	3,563	3,384	3,071	2,841	2,510	2,204	1,866	1,548	1,679	2,345	2,934	*3,330	*3,466	.....	
Exports, raw and refined..... sh. tons..	14,924	608,029	32,009	38,616	21,008	35,730	64,641	45,114	87,919	40,495	81,229	20,650	123,950	26,370	55,765	.....	
Imports, raw and refined..... thous. sh. tons..	4,810	4,127	367	392	302	304	398	397	349	314	310	510	272	387	289	.....	
Prices, wholesale (New York):																	
Raw..... \$ per lb..	*0.164	0.306	0.272	0.200	0.232	0.331	0.324	0.277	0.351	0.372	0.427	0.409	0.291	0.303	*0.266	0.231	
Refined (excl. excise tax)..... do.....	0.228	0.405	0.364	0.295	0.315	0.422	0.452	0.393	0.442	0.413	0.560	0.550	0.403	0.432	0.383	0.344	
Tea, imports..... thous. lb..	174,690	184,786	17,562	17,466	18,501	15,871	16,460	14,099	11,883	11,870	14,271	12,126	15,936	12,891	18,354	.....	
FATS, OILS, AND RELATED PRODUCTS																	
Baking or frying fats (incl. shortening):																	
Production..... mil. lb..	4,206.4	4,177.8	350.2	362.8	328.3	325.1	314.5	329.8	348.1	347.0	379.6	348.9	367.6	*331.4	325.2	.....	
Stocks, end of period @..... do.....	131.9	130.7	148.3	158.1	146.0	135.6	125.6	111.7	114.5	125.5	102.8	111.9	130.7	125.2	122.0	.....	
Salad or cooking oils:																	
Production..... do.....	5,075.6	5,166.5	417.6	450.1	421.8	448.7	433.0	409.6	481.1	452.8	414.5	394.4	411.2	*404.1	409.5	.....	
Stocks, end of period @..... do.....	141.2	122.5	145.6	144.9	146.1	160.7	148.3	135.6	157.9	137.5	131.8	142.7	122.5	*137.9	131.6	.....	
Margarine:																	
Production..... do.....	2,553.2	2,592.8	228.7	231.6	184.5	200.5	214.6	192.1	186.9	213.2	221.9	218.4	264.6	*235.5	214.4	.....	
Stocks, end of period @..... do.....	80.5	74.2	80.0	73.2	69.5	62.5	74.7	78.3	60.7	66.1	80.0	71.4	74.2	*62.2	68.3	.....	
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered)..... \$ per lb..	0.549	0.603	0.565	0.565	0.599	0.599	0.599	0.599	0.637	0.637	0.624	0.624	0.624	0.637	0.637	0.637	
Animal and fish fats:																	
Tallow, edible:																	
Production (quantities rendered)..... mil. lb..	904.8	1,042.6	70.2	82.9	84.6	89.9	89.8	88.3	87.8	91.9	99.6	87.8	96.0	*97.1	88.5	.....	
Consumption in end products..... do.....	765.7	715.1	65.2	65.3	57.7	53.8	54.7	59.0	51.1	61.7	65.4	57.3	62.9	62.4	64.1	.....	
Stocks, end of period @..... do.....	56.6	55.9	59.2	52.9	50.0	57.2	61.7	53.8	52.2	46.0	47.0	50.8	55.9	68.1	54.1	.....	
Tallow and grease (except wool), inedible:																	
Production (quantities rendered)..... do.....	5,836.3	5,782.1	480.6	501.0	504.7	489.2	459.7	470.5	431.9	455.6	512.2	449.3	495.9	*488.5	442.0	.....	
Consumption in end products..... do.....	3,117.6	2,979.4	244.4	267.5	247.4	264.4	240.6	233.0	235.3	245.7	268.6	236.1	239.6	*258.8	247.0	.....	
Stocks, end of period @..... do.....	390.4	413.0	440.4	399.3	343.0	417.1	427.5	455.7	402.8	430.5	439.5	412.1	413.0	*436.0	398.0	.....	
Vegetable oils and related products:																	
Coconut oil:																	
Production, refined..... mil. lb..	595.6	652.6	39.5	53.9	47.5	58.3	47.6	46.4	52.4	57.2	71.6	63.0	62.5	65.5	66.0	.....	
Consumption in end products..... do.....	748.4	693.5	49.9	59.5	55.8	58.1	56.3	56.2	51.0	62.5	66.9	63.1	58.3	*67.7	65.8	.....	
Stocks, refined, end of period @..... do.....	40.1	49.6	40.6	46.4	38.4	37.7	41.9	32.7	47.6	35.0	36.5	36.6	49.6	*47.4	50.7	.....	
Imports..... do.....	979.8	889.3	50.1	42.7	102.8	39.3	62.8	58.7	67.7	56.5	126.7	90.9	116.0	110.1	139.2	.....	
Corn oil:																	
Production: Crude..... do.....	743.5	810.6	60.0	70.7	64.3	68.3	65.1	66.2	69.9	76.2	80.6	68.0	59.0	65.8	63.4	.....	
Production: Refined..... do.....	589.4	638.2	49.8	46.5	46.4	46.6	52.9	45.2	51.2	56.3	63.9	64.3	59.7	61.9	65.6	.....	
Consumption in end products..... do.....	555.0	595.3	46.3	49.8	43.1	46.5	49.6	44.5	44.7	52.8	52.8	52.3	61.5	*56.9	52.1	.....	
Stocks, crude and ref., end of period @..... do.....	65.2	76.3	66.1	72.1	64.0	65.4	60.0	71.6	62.2	65.8	72.1	79.3	76.3	72.4	80.0	.....	
Cottonseed oil:																	
Production: Crude..... do.....	1,260.5	1,447.1	125.7	145.1	119.8	125.5	116.8	104.2	104.9	93.1	116.4	130.5	122.3	*131.7	118.7	.....	
Production: Refined..... do.....	1,140.8	1,297.7	102.7	118.7	107.5	112.8	103.4	103.5	96.2	94.8	94.1	119.8	125.1	131.3	99.6	.....	
Consumption in end products..... do.....	618.2	698.3	56.4	56.6	58.6	68.2	65.1	57.9	65.5	55.6	57.5	51.8	49.5	*38.0	44.5	.....	
Stocks, crude and ref., end of period @..... do.....	144.3	170.1	198.9	212.8	188.7	165.8	167.1	144.6	138.6	121.9	122.6	152.9	170.1	*183.6	193.9	.....	
Exports (crude and refined)..... do.....	633.0	785.4	28.1	110.5	71.0	105.0	31.4	70.3	77.6	89.3	53.7	66.6	47.1	77.0	29.3	.....	
Price, wholesale (N.Y.)..... \$ per lb..	0.369	0.261	0.275	0.243	0.215	0.210	0.223	0.263	0.273	0.263	0.248	0.330	0.338	0.334	0.320	0.335	
Soybean oil:																	
Production: Crude..... mil. lb..	11,504.1	12,097.2	1,064.9	1,098.1	993.7	1,009.8	901.6	927.8	913.8	890.1	1,080.2	1,077.6	1,024.3	*1,010.6	887.8	.....	
Production: Refined..... do.....	9,110.1	8,982.2	760.5	767.7	687.1	712.8	699.0	720.3	760.7	764.5	784.1	760.5	763.1	*741.6	706.3	.....	
Consumption in end products..... do.....	8,656.4	8,585.2	719.4	762.9	671.6	693.6	683.7	671.2	754.5	737.1	719.1	682.6	738.8	*698.7	681.6	.....	
Stocks, crude and ref., end of period @..... do.....	1,030.1	1,737.8	1,204.5	1,175.9	1,183.7	1,144.8	1,225.9	1,305.0	1,263.0	1,210.2	1,373.9	1,677.3	1,737.8	*1,900.1	1,977.1	.....	
Exports (crude and refined)..... do.....	2,370.6	2,314.6	250.0	325.4	269.6	327.3	194.6	109.7	175.7	171.2	112.5	84.7	120.5	116.0	113.8	.....	
Price, wholesale (refined; N.Y.)..... \$ per lb..	0.327	0.289	0.289	0.274	0.254	0.256	0.262	0.319	0.318	0.320	0.302	0.309	0.286	0.282	0.265	0.281	
TOBACCO																	
Leaf:																	
Production (crop estimate)..... mil. lb..	*1,527	*1,772	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stocks, dealers' and manufacturers', end of period..... mil. lb..	4,883	4,850	.....	4,616	.....	.....	4,284	.....	.....	4,548	.....	.....	4,850	.....	.....	.....	
Exports, incl. scrap and stems..... thous. lb..	561,756	588,970	52,521	80,058	54,619	53,231	42,998	40,877	25,780	32,323	47,610	64,420	66,563	44,809	32,831	.....	
Imports, incl. scrap and stems..... do.....	377,203	365,622	34,263	38,677	36,353	26,995	40,909	25,681	25,073	27,144	32,793	26,059	22,342	33,973	44,274	.....	
Manufactured:																	
Consumption (withdrawals):																	
Cigarettes (small):																	
Tax-exempt..... millions..	93,150	94,256	9,610	9,650	6,729	6,161	6,644	6,193	6,809	8,554	9,630	6,833	8,204	9,868	.....	.....	
Taxable..... do.....	613,830	*620,545	48,092	49,534	52,830	50,496	53,689	49,612	52,145	54,839	62,133	49,248	43,762	53,048	.....	.....	
Cigars (large), taxable..... do.....	3,356	3,290	244	285	237	281	325	228	275	335	335	251	238	210	.....	.....	
Exports, cigarettes..... do.....	79,717	78,256	6,236	10,928	6,485	5,409	6,690	4,860	2,548	7,770	8,171	6,116	6,781	6,958	8,289		

See footnotes at end of tables.

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
LEATHER AND PRODUCTS																
HIDES AND SKINS																
Exports:																
Value, total #	thous.\$.	991,707	693,678	75,134	78,195	58,999	61,787	49,921	45,904	52,134	48,820	53,048	50,461	58,493	57,458	64,390
Calf and kid skins	thous. skins.	2,321	2,494	205	337	181	147	122	260	281	325	138	137	202	242	264
Cattle hides	thous. hides.	23,731	19,568	1,705	1,737	1,671	1,914	1,650	1,509	1,703	1,510	1,608	1,542	1,711	1,536	1,749
Imports:																
Value, total #	thous. \$.	138,800		7,100	8,900	9,800	9,100	7,500	6,200	6,400	5,100	6,500	5,400			
Sheep and lamb skins	thous. pieces.	15,529	9,027	641	1,074	1,378	1,466	1,027	640	666	286	492	330	248	546	1,289
Goat and kid skins	do.	2,444	519	217	52	6	15	1	30	0	29	8	6	10	67	34
Price, wholesale, f.o.b. shipping point:																
Calfskins, packer, heavy, 9 1/2-15 lb	\$ per lb.	1.687	1.098	1.344	1.150	0.860	0.860	0.860	1.100	1.100	1.100	1.100	1.100	1.100		
Hides, steer, heavy, native, over 53 lb	do.	0.731	0.459	0.487	0.394	0.381	0.338	0.382	0.439	0.533	0.430	0.491	0.543	0.501		
LEATHER																
Exports:																
Upper and lining leather	thous. sq. ft.	187,665	192,597	16,873	18,710	13,024	12,652	15,483	15,481	15,215	15,818	19,051	20,880	13,641	19,633	14,418
Price, wholesale, f.o.b. tannery:																
Sole, bends, light	index, 1967=100.	329.6	281.4	314.9	284.7	270.4	263.2	263.9	282.6	312.8	255.3	249.5	268.9	283.2	317.1	302.7
LEATHER MANUFACTURES																
Footwear:																
Production, total	thous. pairs.	398,480	394,596	33,705	34,440	33,517	34,832	33,137	27,932	31,474	33,335	36,976	30,285	29,454	31,253	30,401
Shoes, sandals, and play shoes, except athletic	thous. pairs.	305,172	301,069	26,197	26,181	25,777	25,949	24,661	21,378	23,858	25,188	28,239	23,030	23,314	23,052	22,955
Slippers	do.	72,779	68,658	5,847	6,488	5,828	6,533	6,183	4,733	5,363	5,862	6,421	5,105	4,050	5,829	5,226
Athletic	do.	20,529	24,869	1,661	1,771	1,912	2,350	2,293	1,821	2,253	2,285	2,316	2,150	2,090	2,372	2,220
Other footwear	do.	3,651	4,125	293	349	414	373	337	309	309	375	381	375	351	342	358
Exports	do.	7,581	9,781	862	770	780	742	730	704	893	875	952	908	877	710	804
Prices, wholesale f.o.b. factory:																
Men's and boys' oxfords, dress, elk or side upper, Goodyear welt	index, 1967=100.															
Women's oxfords, elk side upper, Goodyear welt	index, 1967=100.	216.9	243.8	240.7	243.1	247.9	247.9									
Women's pumps, low-medium quality	do.	181.5	187.0	179.9	189.3	189.3	189.3	189.3	189.3	189.3						

LUMBER AND PRODUCTS

LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total	mil. bd. ft.	37,061	31,885	2,855	2,879	2,257	2,307	2,486	2,479	2,783	2,818	2,903	2,480	2,329	2,523	
Hardwoods	do.	7,317	7,220	592	588	600	568	543	494	570	527	549	550	500	520	
Softwoods	do.	29,744	24,665	2,263	2,291	1,657	1,739	1,943	1,985	2,213	2,291	2,354	1,930	1,829	2,003	
Shipments, total	do.	36,514	31,422	2,791	2,538	2,343	2,512	2,530	2,454	2,716	2,708	2,851	2,494	2,350	2,424	
Hardwoods	do.	6,942	6,584	553	543	562	500	469	419	504	494	511	542	492	501	
Softwoods	do.	29,572	24,838	2,238	1,995	1,781	2,012	2,061	2,035	2,212	2,214	2,340	1,952	1,858	1,923	
Stocks (gross), mill, end of period, total	do.	5,342	5,805	5,374	5,721	5,769	5,568	5,534	5,570	5,659	5,776	5,832	5,826	5,805	5,883	
Hardwoods	do.	1,171	1,807	1,276	1,327	1,371	1,443	1,527	1,613	1,701	1,741	1,783	1,799	1,807	1,819	
Softwoods	do.	4,171	3,998	4,098	4,394	4,398	4,125	4,007	3,957	3,958	4,035	4,049	4,027	3,998	4,064	
Exports, total sawmill products	do.	1,447	1,655	116	180	178	170	153	119	134	118	123	117	127		
Imports, total sawmill products	do.	11,513	9,859	923	896	655	730	830	876	804	863	867	892	799	756	
SOFTWOODS																
Douglas fir:																
Orders, new	mil. bd. ft.	8,388	7,176	589	575	539	563	614	559	581	682	670	572	479	631	547
Orders, unfilled, end of period	do.	529	499	558	542	565	508	515	563	522	557	566	568	499	551	588
Production	do.	8,427	7,165	710	683	449	525	592	540	614	685	638	558	520	614	590
Shipments	do.	8,412	7,206	695	591	516	620	607	511	622	647	661	570	548	579	510
Stocks (gross), mill, end of period	do.	918	877	966	1,058	991	896	881	910	902	940	917	905	877	912	992
Exports, total sawmill products	do.	520	540	34	53	58	66	49	42	42	35	40	40	37	51	
Sawed timber	do.	156	117	8	14	14	13	10	6	13	7	11	5	8	9	
Boards, planks, scantlings, etc	do.	363	422	26	39	44	53	39	36	29	28	30	35	29	42	
Price, wholesale:																
Dimension, construction, dried, 2" x 4", R.L. \$ per M bd. ft.		277.24	223.42	236.96	222.70	184.83	185.56	237.01	238.97	248.37	232.98	224.31	214.86	217.12		
Southern pine:																
Orders, new	mil. bd. ft.	7,950	6,559	544	509	441	571	552	580	558	510	678	509	439	617	
Orders, unfilled, end of period	do.	523	419	536	501	486	512	503	512	470	434	492	473	419	456	
Production	do.	7,938	6,758	599	640	425	493	553	566	614	575	626	519	515	569	
Shipments	do.	7,932	6,663	605	544	456	545	561	571	600	546	620	528	493	580	
Stocks (gross), mill and concentration yards, end of period	mil. bd. ft.	1,175	1,270	1,208	1,304	1,273	1,221	1,213	1,208	1,222	1,251	1,257	1,248	1,270	1,259	
Exports, total sawmill products	thous. bd. ft.	209,793	280,243	23,793	41,269	23,153	17,882	29,384	22,228	24,274	19,376	20,072	16,731	20,878	14,763	
Prices, wholesale (indexes):																
Boards, No. 2 and better, 1" x 6", R.L. 1967=100.		366.2	337.2	371.7	368.3	334.4	331.0	329.6	333.0	331.6	324.3	316.1	316.1	320.0		
Flooring, C and better, F. G., 1" x 4", S.L. 1967=100.		301.4	324.6	323.6	326.9	319.3	319.3	319.3	323.6	325.8	325.8	330.2	330.2	330.2		

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LUMBER AND PRODUCTS—Continued																
SOFTWOODS—Continued																
Western pine:																
Orders, new.....mil. bd. ft.	9,630	7,768	'658	'581	'531	'647	627	'671	'631	'810	'738	'639	'519	'688	605	
Orders, unfilled, end of period do....	403	327	'425	'351	'346	'380	'376	'421	'393	'447	'445	'416	327	'419	415	.....
Production..... do....	9,780	7,633	'708	'709	'528	'545	'568	'573	'650	'750	'734	'646	'637	'659	631	.....
Shipments..... do....	9,696	7,844	'724	'655	'536	'613	'631	'626	'659	'756	'740	'668	'608	'596	609	.....
Stocks (gross), mill, end of period do....	1,379	1,168	'1,320	'1,374	'1,366	'1,298	'1,235	'1,182	'1,173	'1,167	'1,161	'1,139	1,168	'1,231	1,253	.....
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R.L. (6' and over).....\$ per M bd. ft.	317.26	287.55	291.36	314.97	242.34	215.48	252.06	310.05	327.35	304.06	293.25	306.22	340.83	.....	.....	.....
HARDWOOD FLOORING																
Oak:																
Orders, new.....mil. bd. ft.	93.4	(³)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orders, unfilled, end of period do....	7.0	1.9	4.1	3.7	3.5	3.5	3.7	3.7	4.0	2.9	2.0	1.5	1.9	1.5	1.9	.....
Production..... do....	99.8	(³)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shipments..... do....	96.7	78.0	6.6	5.8	5.3	5.5	6.6	7.3	7.0	6.4	7.2	6.1	5.8	6.4	6.7	.....
Stocks (gross), mill, end of period do....	5.4	12.4	7.6	8.9	10.5	10.0	11.1	9.6	9.4	9.8	9.4	10.0	12.4	10.9	9.3	.....

METALS AND MANUFACTURES

IRON AND STEEL																
Exports:																
Steel mill products.....thous. sh. tons.	2,818	4,101	296	276	321	338	418	398	449	401	366	316	324	256	213	.....
Scrap.....do.	11,094	11,168	992	1,163	829	1,207	1,070	870	821	822	967	525	763	586	683	.....
Pig iron.....do.	105	73	1	1	2	19	36	1	4	1	2	3	(²)	2	1	.....
Imports:																
Steel mill products.....do.	17,518	15,495	1,667	1,120	1,250	1,615	1,203	1,079	1,374	1,064	1,142	1,181	1,536	1,281	1,234	.....
Scrap.....do.	760	557	70	70	49	40	38	26	26	54	40	35	58	38	41	.....
Pig iron.....do.	476	399	30	35	56	22	23	42	26	12	32	43	72	18	10	.....
Iron and Steel Scrap																
Production.....thous. sh. tons.	52,219	42,275	3,870	4,202	4,050	4,006	2,868	2,583	2,856	3,247	3,691	3,584	3,841	.....	.....	.....
Receipts, net.....do.	47,048	40,689	3,622	3,972	3,902	3,543	2,820	2,324	2,574	3,066	3,770	4,536	4,950	.....	.....	.....
Consumption.....do.	98,901	83,846	7,763	8,393	7,893	7,491	5,803	5,009	5,520	6,328	7,402	7,410	7,421	.....	.....	.....
Stocks, end of period.....do.	8,724	7,955	8,112	7,819	7,866	8,967	7,839	7,684	7,653	7,691	7,771	7,607	7,955	.....	.....	.....
Prices, steel scrap, No. 1 heavy melting:																
Composite.....\$ per lg. ton.	98.07	92.17	104.24	104.58	98.96	83.11	71.21	73.77	83.61	92.38	96.65	98.21	101.86	96.34	94.28	.....
Pittsburgh district.....do.	101.50	96.17	108.50	107.50	103.50	87.00	69.50	73.50	88.50	99.00	104.50	105.50	106.00	103.50	101.00	.....
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. lg. tons.	85,716	69,296	6,382	6,677	6,054	6,848	6,415	5,326	4,736	4,368	5,024	4,686	5,913	.....	.....	.....
Shipments from mines.....do.	86,218	68,639	1,784	2,100	6,631	9,328	7,999	7,021	6,052	6,211	6,638	6,587	6,009	.....	.....	.....
Imports.....do.	33,776	25,058	1,167	1,087	2,138	2,714	2,638	2,712	2,029	2,062	2,499	2,348	1,809	1,292	1,075	.....
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants.....do.	115,892	87,187	2,628	2,976	7,569	10,894	9,956	9,467	7,671	8,054	8,498	8,323	7,625	4,162	.....	.....
Consumption at iron and steel plants.....do.	115,014	89,398	8,325	9,331	8,891	7,975	5,768	5,456	5,644	5,953	7,203	7,895	8,326	8,667	.....	.....
Exports.....do.	4,455	5,073	2	237	644	653	551	284	650	484	552	309	563	33	2	.....
Stocks, total, end of period.....do.	55,753	56,066	51,750	49,013	49,601	50,676	53,522	56,784	57,545	57,999	57,653	56,621	56,066	.....	.....	.....
At mines.....do.	11,368	14,265	20,555	25,132	26,833	24,355	22,771	21,073	19,757	17,914	16,289	14,374	14,265	.....	.....	.....
At furnace yards.....do.	38,969	35,706	28,109	21,645	20,237	23,100	27,242	31,176	32,953	35,009	36,131	36,499	35,706	31,088	.....	.....
At U.S. docks.....do.	5,416	6,095	3,086	2,236	2,531	3,221	3,509	4,535	4,835	5,076	5,233	5,748	6,095	5,971	.....	.....
Manganese (mn. content), general imports.....do.	850	795	56	54	66	97	68	54	67	60	38	57	69	22	76	.....
Pig Iron and Iron Products																
Pig iron:																
Production (including production of ferroalloys) thous. sh. tons.	86,975	68,722	6,357	7,115	6,677	5,906	4,664	4,222	4,360	4,596	5,621	6,132	6,489	6,603	6,108	7,193
Consumption.....do.	87,458	69,190	6,407	7,038	6,717	5,926	4,697	4,270	4,392	4,671	5,688	6,186	6,560	.....	.....	.....
Stocks, end of period.....do.	881	884	815	880	882	889	900	870	888	877	863	859	884	.....	.....	.....
Price, basic furnace.....\$ per sh. ton.	203.00	203.00	203.00	203.00	203.00	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.	839	816	856	858	821	745	705	719	737	771	803	808	816	.....	.....	.....
Shipments, total.....do.	14,551	10,926	973	1,064	1,015	860	788	686	787	896	1,064	895	865	.....	.....	.....
For sale.....do.	6,890	5,915	500	549	537	457	446	412	467	498	571	485	452	.....	.....	.....
Castings, malleable iron:																
Orders, unfilled, for sale, end of period thous. sh. tons.	56	46	47	47	40	36	37	33	34	38	43	49	46	.....	.....	.....
Shipments, total.....do.	725	514	52	52	49	42	38	30	35	38	46	40	41	.....	.....	.....
For sale.....do.	398	269	28	26	25	24	21	15	20	19	23	21	21	.....	.....	.....
Steel, Raw and Semifinished																
Steel (raw):																
Production.....thous. sh. tons.	136,341	111,118	10,332	11,439	10,658	9,226	7,501	6,796	7,019	7,767	9,442	10,057	10,180	10,590	10,028	11,744
Rate of capability utilization.....percent.	87.8	72.3	85.3	88.4	83.0	69.6	58.4	53.1	54.8	62.7	72.2	79.5	77.8	79.9	83.7	88.6
Steel castings:																
Orders, unfilled, for sale, end of period thous. sh. tons.	1,024	569	1,005	955	865	790	691	673	645	602	574	582	569	.....	.....	.....
Shipments, total.....do.	2,026	1,842	180	187	169	173	152	115	120	142	141	131	150	.....	.....	.....
For sale, total.....do.	1,768	1,598	151	157	147	148	133	109	105	122	122	115	134			

See footnotes at end of tables.

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
METALS AND MANUFACTURES—Continued																	
Steel Mill Products																	
Steel products, net shipments:																	
Total (all grades)..... thous. sh. tons..	100,262	83,853	7,690	8,711	7,296	6,440	5,848	5,354	5,745	6,682	7,458	7,038	7,591	7,616			
By product:																	
Semifinished products..... do....	5,496	5,342	503	563	442	431	343	351	386	379	496	488	543	441			
Structural shapes (heavy), steel piling..... do....	5,596	5,207	485	488	437	443	355	355	942	447	489	432	426	457			
Plates..... do....	9,035	8,080	743	848	721	639	592	595	587	652	702	627	661	667			
Rails and accessories..... do....	2,026	1,797	177	185	191	173	151	98	112	138	124	125	140	145			
Bars and tool steel, total..... do....	17,601	13,258	1,308	1,334	1,191	1,053	982	832	889	1,011	1,132	1,036	1,037	1,079			
Bars: Hot rolled (incl. light shapes)..... do....	9,958	6,911	681	709	645	555	500	386	433	517	583	571	564	610			
Bars: Reinforcing..... do....	5,303	4,683	460	457	387	357	359	347	350	371	415	340	348	320			
Bars: Cold finished..... do....	2,245	1,585	159	159	152	134	117	94	101	117	126	120	119	144			
Pipe and tubing..... do....	8,242	9,097	747	871	756	779	755	672	689	739	789	767	782	793			
Wire and wire products..... do....	2,449	1,768	170	191	167	135	129	118	124	136	146	129	148	150			
Tin mill products..... do....	6,310	5,709	520	685	466	464	411	416	435	426	432	425	464	474			
Sheets and strip (incl. electrical), total..... do....	43,507	33,595	3,036	3,547	2,925	2,323	2,139	1,915	2,168	2,756	3,149	3,010	3,390	3,410			
Sheets: Hot rolled..... do....	15,995	12,116	1,085	1,338	1,078	793	775	681	754	988	1,083	1,111	1,281	1,209			
Sheets: Cold rolled..... do....	17,284	13,313	1,216	1,394	1,165	945	827	740	848	1,104	1,282	1,179	1,325	1,368			
By market (quarterly):																	
Service centers and distributors..... do....	18,263	16,174		4,429			3,592			3,432			4,693	¹ 5,564			
Construction, incl. maintenance..... do....	10,058	8,787		2,426			2,075			2,006			2,237	² 732			
Contractors' products..... do....	4,021	3,362		974			752			727			945	³ 24			
Automotive..... do....	18,624	12,156		3,662			2,580			2,440			3,473	¹ 240			
Rail transportation..... do....	4,127	3,178		1,037			855			582			702	² 50			
Machinery, industrial equip., tools..... do....	6,027	4,566		1,518			1,170			882			1,003	³ 97			
Containers, packaging, ship. materials..... do....	6,770	5,549		1,761			1,279			1,192			1,325	⁵ 07			
Other..... do....	132,372	30,082		8,544			7,281			6,518			7,709	² 601			
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:																	
mil. sh. tons..	36.7	30.8	35.1	35.3	35.2	35.8	34.8	33.5	33.0	31.2	29.7	30.2	30.8				
Producing mills, inventory, end of period:																	
Steel in process..... mil. sh. tons..	11.5	9.6	11.1	11.3	11.5	12.1	12.1	11.9	11.4	10.3	9.6	9.6	9.6	9.5			
Finished steel..... do....	7.6	6.9	7.4	7.3	7.6	7.4	7.2	6.9	6.8	6.6	6.7	6.9	6.9	7.0			
Service centers (warehouses), inventory, end of period..... mil. sh. tons..	7.4	7.7	7.1	7.2	6.8	7.4	7.3	7.0	7.5	7.4	6.9	7.3	7.7				
Consumers (manufacturers only):																	
Inventory, end of period..... do....	10.2	6.6	9.5	9.5	9.3	8.9	8.2	7.7	7.3	6.9	6.5	6.4	6.6	6.7			
Receipts during period..... do....	80.1	63.0	5.5	6.3	5.7	5.1	4.5	4.1	4.4	5.1	5.9	5.2	5.4	6.3			
Consumption during period..... do....	80.3	66.6	6.0	6.3	5.9	5.5	5.2	4.6	4.8	5.5	6.3	5.3	5.2	6.2			
NONFERROUS METALS AND PRODUCTS																	
Aluminum:																	
Production, primary (dom. and foreign ores)..... thous. sh. tons..	5,023	5,130	406	434	421	438	425	427	426	419	437	427	439				
Recovery from scrap (aluminum content)..... do....	1,399	1,377	111	115	113	111	106	102	113	124	128	122	118				
Imports (general):																	
Metal and alloys, crude..... do....	570.6	567.7	45.3	47.8	45.4	42.1	51.7	40.3	40.7	43.0	41.4	29.9	78.3	55.8	55.7		
Plates, sheets, bars, etc..... do....	201.0	71.3	7.7	6.9	5.6	6.0	6.8	4.4	4.4	3.7	7.2	4.8	5.2	5.8	8.9		
Exports:																	
Metal and alloys, crude..... do....	200.6	715.0	37.7	52.8	52.3	52.3	61.3	51.3	97.6	98.9	70.1	55.0	46.1	59.4	23.2		
Plates, sheets, bars, etc..... do....	265.7	315.3	31.9	20.9	23.2	24.9	27.5	24.6	42.5	24.5	34.1	24.2	24.6	30.1	27.1		
Price, primary ingot, 99.5% minimum \$ per lb..	0.5940	0.6957	0.6600	0.6600	0.6800	0.6800	0.6800	0.6800	0.6800	0.6933	0.7546	0.7600	0.7600	0.7600			
Aluminum products:																	
Shipments:																	
Ingot and mill prod. (net ship.)..... mil. lb..	14,537	14,083	1,218	1,274	1,180	1,135	1,093	1,104	1,177	1,196	1,232	1,018	1,201				
Mill products, total..... do....	11,241	10,443	892	958	926	884	788	800	820	858	911	798	867				
Sheet and plate..... do....	6,318	5,816	500	494	489	498	497	462	468	483	494	435	491				
Castings..... do....	1,999	1,582	162	166	143	125	107	91	111	123	138	127	126				
Inventories, total (ingot, mill products, and scrap), end of period..... mil. lb..	5,125	5,052	5,011	4,949	4,910	4,950	5,021	5,072	5,026	4,968	4,942	5,058	5,052				
Copper:																	
Production:																	
Mine, recoverable copper..... thous. met. tons..	1,443.6	1,175.3	117.0	130.0	127.8	129.2	120.1	49.5	34.1	48.3	76.0	102.0	116.8				
Refinery, primary..... do....	1,515.4	1,225.8	128.1	133.3	145.3	162.3	155.1	44.8	22.7	25.8	64.2	90.2	121.1				
From domestic ores..... do....	1,411.5	1,121.6	116.8	124.2	131.3	151.2	147.6	(⁹)	(⁹)	(⁹)	58.7	82.7	109.6				
From foreign ores..... do....	103.9	104.1	11.3	9.1	14.0	11.2	7.5	(⁹)	(⁹)	(⁹)	5.5	7.5	11.5				
Secondary, recovered as refined..... do....	575.6	573.0	56.2	55.8	53.0	55.1	52.7	26.6	33.6	33.4	60.8	45.1	36.9				
Imports (general):																	
Refined, unrefined, scrap (copper cont.)..... do....	341.3	520.3	46.5	69.1	38.6	50.7	31.7	26.8	38.6	42.8	64.2	55.8	44.3	41.7	39.0		
Refined..... do....	217.9	431.8	37.8	53.2	32.3	37.5	27.5	24.7	34.8	39.1	59.2	46.0	36.8	24.7	29.4		
Exports:																	
Refined and scrap..... do....	308.8	330.1	24.2	23.6	25.5	34.0	30.4	39.2	39.2	20.8	25.3	25.2	22.9	36.2	32.1		
Refined..... do....	80.5	17.4	1.4	1.9	1.5	1.5	2.0	1.9	0.9	0.4	0.5	1.0	3.4	2.9	2.5		
Consumption, refined (by mills, etc.)..... thous. sh. tons..	2,470			678			530			375							
Stocks, refined, end of period..... do....	288			345			480			392							
Price, electrolytic (wirebars), dom., delivered \$ per lb..	0.9333	1.0242	1.3381	1.0604	0.9485	0.9348	0.9271	1.0356	1.0071	0.9886	0.9947	0.9698	0.8913	0.8857			
Copper-base mill and foundry products, shipments (quarterly total):																	
Brass mill products..... mil. lb..	2,981			716			587			532							
Copper wire mill products (copper cont.)..... do....	3,048			787			681			659							
Brass and bronze foundry products..... do....	593			141			120			108							
Lead:																	
Production:																	
Mine, recoverable lead..... thous. met. tons..	1,525.6	551.0	50.4	50.0	49.1	50.0	46.3	43.5	41.7	39.3	48.5	39.6	41.0				
Recovered from scrap (lead cont.)..... do....	801.4	659.1	55.4	59.6	59.1	51.2	57.1	46.0	52.2	56.0	50.2	58.1	54.9				
Imports (general), ore (lead cont.), metal..... do....	59.6	52.1	6.5	2.2	3.2	4.4	7.8	2.0	4.2	6.5	4.6	3.7	2.6	3.5	6.0		
Consumption, total..... do....	1,358.3	1,048.2	84.9	90.0	83.8	84.1	77.2	68.2	79.5	95.6	103.0	92.5	92.0				

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
METALS AND MANUFACTURES—Continued																	
NONFERROUS METALS AND PRODUCTS—Continued																	
Lead—Continued																	
Stocks, end of period:																	
Producers', ore, base bullion, and in process (lead content), ABMS.....thous. met. tons..	105.2	135.3	114.6	119.6	123.6	137.3	142.9	140.9	138.3	138.9	142.4	136.9	135.3	126.5	132.0		
Refiners' (primary), refined and antimonial (lead content).....thous. met. tons..	46.1	54.8	66.6	64.4	75.6	81.7	77.0	61.0	49.1	31.5	26.1	41.6	54.8				
Consumers' (lead content) †.....do.....	118.8	95.8	114.4	110.7	107.8	100.4	96.2	87.3	84.5	86.8	90.7	94.4	95.8				
Scrap (lead-base, purchased), all smelters (gross weight).....thous. met. tons..	52.4	42.1	44.4	36.7	34.1	35.7	39.2	38.5	35.5	38.2	38.9	39.8	42.1				
Price, common grade, delivered.....\$ per lb..	0.5264	0.4246	0.4956	0.4922	0.4402	0.3600	0.3419	0.3560	0.4096	0.4226	0.4500	0.4381	0.3897	0.3379			
Tin:																	
Imports (for consumption):																	
Ore (tin content).....metric tons..	4,529	842	412	164	59	0	0	0	0	0	147	26	0	0	0		
Metal, unwrought, unalloyed.....do.....	48,354	45,983	4,145	4,585	3,877	4,364	4,202	3,131	2,736	3,095	3,688	3,738	3,805	4,790	3,327		
Recovery from scrap, total (tin cont.).....do.....	21,493		1,395	1,445	1,305	1,175	1,055	1,015	1,230	1,220	1,370	1,175					
As metal.....do.....	1,767		145	185	150	155	160	125	175	155	155	120					
Consumption, total.....do.....	62,500	57,000	5,300	5,750	5,300	4,600	4,100	3,700	3,900	4,150	4,300	4,050	3,750				
Primary.....do.....	49,000	43,900	4,300	4,750	4,350	3,700	3,250	3,000	3,050	3,350	3,400	3,250	3,000				
Exports, incl. reexports (metal).....do.....	3,418	4,293	152	353	322	479	566	426	498	227	180	151	547	415	233		
Stocks, pig (industrial), end of period.....do.....	4,238	5,305	6,882	7,527	5,443	7,263	6,592	6,544	6,051	5,180	5,208	5,086	5,305				
Price, Straits quality (delivered).....\$ per lb..	7.5389	8.4600	8.6873	8.9860	8.7666	8.6850	8.5346	8.4316	8.3922	8.6898	8.4000	7.9779	7.5956	7.4876			
Zinc:																	
Mine prod., recoverable zinc.....thous. met. tons..	267.3	313.0	26.5	28.2	26.9	25.5	27.1	24.6	25.2	24.1	28.2	24.0	24.4				
Imports (general):																	
Ores (zinc content).....do.....	225.0	113.8	10.2	1.8	10.2	9.4	9.4	16.3	15.6	8.6	2.1	8.5	13.6	19.4	6.0		
Metal (slab, blocks).....do.....	527.1	329.0	30.8		29.5	29.1	21.2	20.8	30.1	32.3	38.3	45.1	52.0	36.4	51.7		
Consumption (recoverable zinc content):																	
Ores.....do.....	79.7	67.6	7.0	6.8	6.2	5.5	5.8	4.5	5.3	4.6	3.8	6.3					
Scrap, all types.....do.....	314.0	236.1	22.1	22.3	19.3	19.1	18.5	18.0	18.3	18.4	19.4	19.3					
Slab zinc: @																	
Production, total †.....thous. met. tons..	525.7	325.3	27.8	31.5	29.1	29.0	25.8	18.8	24.2	26.0	28.1	27.1	30.2	30.3	28.5		
Consumption, fabricators.....do.....	1,000.6	817.0	80.3	82.8	74.1	61.0	55.5	46.8	58.2	66.7	74.6	72.3	70.5				
Exports.....do.....	0.3	0.3	(*)	(*)	(*)	(*)	0.1	(*)	0.1	(*)	(*)	(*)	(*)	0.0	(*)		
Stocks, end of period:																	
Producers', at smelter (ABMS).....do.....	55.8	18.7	30.8	29.0	28.5	33.5	38.9	38.2	32.1	27.3	21.3	18.7	18.7	16.7			
Consumers'.....do.....	59.1	58.4	70.8	72.1	66.5	66.8	60.9	57.5	56.3	57.9	58.6	57.8	58.4				
Price, Prime Western.....\$ per lb..	0.3730	0.3743	0.3750	0.3796	0.3801	0.3750	0.3644	0.3550	0.3573	0.3663	0.3726	0.3858	0.4059	0.4119			
MACHINERY AND EQUIPMENT																	
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #.....mil. \$..	372.6			109.7			84.9			39.5							
Electric processing heating equipment.....do.....	105.5			23.3			18.9			19.4							
Fuel-fired processing heating equip.....do.....	160.4			56.7			37.3			20.0							
Material handling equipment (industrial):																	
Orders (new), index, seas. adj.....1967=100..	419.4	275.5	437.6	408.8	363.4	383.5	336.3	355.4	331.5	453.4	371.1	340.6	370.6				
Industrial trucks (electric), shipments:																	
Hand (motorized).....number.....	24,183	20,495	1,809	2,097	1,860	1,910	1,502	1,511	1,396	1,913	1,624	1,512	1,521	1,129	1,443		
Rider-type.....do.....	28,654	24,110	2,254	2,568	2,330	2,178	2,251	1,577	1,647	1,947	1,839	1,658	1,712	1,490	1,527		
Industrial trucks and tractors (internal combustion engines), shipments.....number.....	55,782	39,448	4,423	5,016	4,130	3,353	3,875	2,073	1,972	2,590	2,878	2,636	2,562	2,687	2,667		
Industrial supplies, machinery and equipment:																	
New orders index, seas. adjusted.....1977=100..	132.1	109.8	120.2	118.1	116.1	108.2	102.6	102.6	100.5	100.2	103.3	109.2	112.0	111.6	113.6		
Industrial suppliers distribution: †																	
Sales index, seas. adjusted.....1977=100..	*129.6	134.5	139.3	136.3	140.7	138.7	132.2	132.2	134.2	131.4	135.7	132.7	128.1	138.9	135.6		
Price index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.).....1977=100..	117.4	131.2	125.4	126.9	129.5	130.6	132.0	132.9	133.2	133.9	134.6	135.3	136.3	137.8	139.4		
Fluid power products shipments indexes: *																	
Hydraulic products, seas. adj.....1972=100..	272	272	313	285	298	274	259	284	244	246	253	240	255	245	*262	260	
Pneumatic products, seas. adj.....do.....	235	234	232	231	237	232	218	236	218	225	251	233	259	248	*245	250	
Machine tools:																	
Metal cutting type tools:																	
Orders, new (net), total.....mil. \$..	4,495.10	3,884.75	401.90	420.80	354.30	373.60	414.20	267.60	165.05	295.65	286.55	275.00	245.00	206.55	*212.25		
Domestic.....do.....	3,965.80	3,495.50	362.00	374.35	325.10	350.05	379.15	250.65	148.95	259.45	263.05	253.95	207.25	186.30	*179.95		
Shipments, total.....do.....	2,930.05	3,680.80	266.75	366.80	258.85	283.65	382.85	248.05	244.65	337.75	352.15	318.65	372.80	308.70	*334.30		
Domestic.....do.....	2,605.50	3,206.00	242.85	321.20	224.05	240.70	337.75	211.50	223.50	292.80	295.10	276.45	314.50	270.70	*279.00		
Order backlog, end of period.....do.....	4,545.7	4,749.7	4,818.1	4,872.1	4,967.6	5,057.6	5,089.0	5,108.6	5,029.0	4,986.9	4,921.3	4,877.6	4,749.7	46,475.5	*45,255.0		
Metal forming type tools:																	
Orders, new (net), total.....do.....	1,047.60	776.95	99.10	107.85	57.60	60.45	43.00	36.95	59.40	79.15	43.45	54.05	54.15	74.45	*64.45		
Domestic.....do.....	919.90	664.95	91.65	93.40	50.35	46.20	33.20	30.45	51.30	72.45	37.40	44.15	44.05	68.45	*56.90		
Shipments, total.....do.....	946.50	1,010.95	88.70	93.20	84.20	91.00	92.75	78.90	66.25	73.45	87.65	81.50	91.40	80.25	*86.85		
Domestic.....do.....	859.80	878.55	79.45	81.15	73.25	82.95	79.05	67.70	53.60	66.10	72.40	69.45	77.95	67.30	*72.65		
Order backlog, end of period.....do.....	618.8	384.8	628.2	642.9	616.3	585.7	535.9	493.9	487.0	492.7	448.5	421.1	384.8	379.0	*356.6		
Tractors used in construction, shipments, qtrly:																	
Tracklaying, total.....units.....	19,812	16,460		4,830			4,518			3,824			3,288				
Wheel (contractors' off-highway).....mil. \$..	1,322.2	1,272.9		356.5			340.4			293.0			283.0				
Tractor shovel loaders (integral units only), wheel and tracklaying types.....mil. \$..	5,146	4,786		1,128			1,441			1,265			952				
Tractor shovel loaders (integral units only), wheel and tracklaying types.....mil. \$..	417.1	387.5		98.3			114.5			101.1			73.6				
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly.....mil. \$..	*55,314	45,496		16,050			11,102			9,340			9,004				
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly.....mil. \$..	*1,758.1	1,696.2		535.4			465.1			358.3			337.6				
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly.....mil. \$..	201,453	147,385		48,854			38,475			27,750			32,306				
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly.....mil. \$..	3,424.2	3,113.7		868.0			785.5			580.5			879.7				
ELECTRICAL EQUIPMENT																	
Batteries (auto-type replacement), ship.....thous..	53,746	50,063	3,220	3,197	3,014	2,765	3,049	3,525	4,564	5,741	6,249	5,361	5,520	4,820	3,548		
Radio sets, production, total market.....thous..	40,029	28,104	1,785	*1,923	1,536	2,317	*2,463	2,607	2,365	*3,792	2,540	2,931	*2,149	2,243	2,347	*1,855	
Television sets (incl. combination models), production, total market.....thous..	16,616	17,508	1,188	*1,492	1,156	1,265	*1,785	1,174	1,301	*1,980	1,668	1,684	1,765	1,560	1,518	*1,547	

See footnotes at end of tables.

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

METALS AND MANUFACTURES—Continued

ELECTRICAL EQUIPMENT—Continued																
Household major appliances (electrical), factory shipments (domestic and export) #	thous..	33,162	30,259	2,598	2,845	2,608	2,238	2,422	2,711	2,391	2,478	2,877	2,234	2,131	2,566	2,531
Air conditioners (room)	do....	3,749	3,204	345	434	416	344	316	566	94	66	90	125	203	226	370
Dishwashers	do....	3,488	2,738	250	277	232	168	189	184	212	261	297	204	198	242	205
Disposers (food waste)	do....	3,317	2,960	286	295	264	164	184	199	229	234	343	256	225	280	274
Ranges	do....	3,000	2,530	216	215	211	199	192	189	191	206	257	208	185	218	198
Refrigerators	do....	5,701	5,124	375	436	409	396	453	477	464	476	519	371	295	408	364
Freezers	do....	1,858	1,681	135	152	128	151	192	182	180	146	123	74	89	91	121
Washers	do....	4,965	4,550	373	421	374	317	340	345	397	401	468	331	302	408	365
Dryers (incl. gas)	do....	3,551	3,177	278	283	241	197	196	227	257	285	333	284	238	297	244
Vacuum cleaners (qtrly.)	do....	8,674	7,439		2,183			1,939			1,948			1,370		
GAS EQUIPMENT (RESIDENTIAL)																
Furnaces, gravity and forced-air, shipments.....	thous..	1,863	1,446	131	122	87	71	83	94	123	147	174	144	131	136	129
Ranges, total, sales	do....	1,799	1,538	133	151	122	123	132	93	119	138	143	121	141	114	122
Water heaters (storage), automatic, sales @	do....	2,887	2,818	233	262	257	210	215	199	208	237	271	218	246	260	242

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production	thous. sh. tons..	4,835	5,400	350	460	510	500	495	525	425	400	460	425	380	297	538
Exports	do....	1,233	1,795	50	67	145	143	184	273	286	96	248	80	57	65	8
Price, wholesale *	Index, 1967=100..	411.0	*463.7	435.7	435.7	459.7	459.7	459.7	462.1	469.8	478.2	479.6	*491.1	497.9	508.7	536.8
Bituminous:																
Production	thous. sh. tons..	776,299	830,000	64,328	69,866	69,871	70,399	71,355	60,700	70,240	72,060	75,750	65,505	72,120	66,155	69,790
Consumption, total	do....	677,286		59,429	58,557	52,372	52,598	55,881	62,908	62,631	57,146					
Electric power utilities	do....	526,005		47,440	46,601	40,622	41,378	45,731	53,489	53,134	47,829	45,011	45,642			
Industrial, total	do....	144,150		11,284	11,497	11,270	10,930	9,921	9,190	9,280	9,029					
Coke plants (oven and beehive)	do....	77,009		5,991	6,405	6,230	6,111	5,317	4,893	4,867	4,785	5,099	5,142			
Residential and commercial	do....	7,131		705	459	480	290	229	229	217	288					
Stocks, end of period, total	do....	178,440	(?)	173,129	172,966	180,286	189,929	195,147	181,715	181,333	189,844					
Electric power utilities	do....	156,440		153,669	154,138	160,991	170,319	175,121	162,896	162,792	170,777	177,564	179,472			
Industrial, total	do....	21,660		19,460	18,828	19,295	19,610	20,026	18,819	18,541	19,067					
Oven-coke plants	do....	10,028		9,196	9,263	9,534	9,653	9,872	8,386	7,829	8,175	8,445	8,563			
Exports	do....	64,783	89,882	3,990	5,565	7,414	8,449	8,711	7,972	8,944	8,266	9,204	8,905	8,169	5,727	6,762
Price, wholesale	Index, 1967=100..	451.1	466.6	459.4	461.6	464.4	465.9	465.9	466.7	467.8	470.2	469.6	*474.0	474.1	475.7	478.2
COKE																
Production:																
Beehive and oven (byproduct)	thous. sh. tons..	*52,943	46,132	4,204	4,444	4,396	4,238	3,686	3,370	3,387	3,295	3,470	3,565	3,683		
Petroleum coke §	do....	27,455		2,172	2,274	2,163	2,262	2,246	2,402	2,318	2,244	2,186				
Stocks, end of period:																
Oven-coke plants, total	do....	5,163	8,627	5,781	5,832	6,063	6,698	7,426	8,133	8,676	9,018	9,011	9,040	8,627		
At furnace plants	do....	4,613	7,521	5,097	5,150	5,315	5,850	6,488	7,095	7,612	7,907	7,889	7,833	7,521		
At merchant plants	do....	549	1,106	684	682	748	847	938	1,038	1,063	1,112	1,123	1,207	1,106		
Petroleum coke	do....	1,042		1,212	1,342	1,327	1,111	1,137	1,167	1,151	1,042	974				
Exports	do....	1,545	2,162	84	189	253	229	226	199	246	207	260	156	67	101	54
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed	number..	19,346	*26,957	*1,635	*2,390	1,836	2,061	2,232	2,068	2,340	2,636	2,409	2,239	3,675	1,789	2,462
Price, wholesale	Index, 1967=100..	376.5	*553.4	515.1	522.8	533.9	540.1	549.0	551.4	566.8	571.3	579.6	*600.6	596.0	615.2	842.9
Gross input to crude oil distillation	units	5,458.7		421.8	434.0	412.9	423.4	421.7	421.9	412.3	407.9	403.0				
Refinery operating ratio	% of capacity..	85		81	78	76	75	77	74	73	74	71				
All oils, supply, demand, and stocks:																
New supply, total ¶	mil. bbl.	6,803.2		529.2	553.2	520.4	520.5	511.4	500.9	498.4	490.8	507.8				
Production:																
Crude petroleum	do....	3,121.3		252.2	270.1	260.6	267.8	256.4	265.2	261.1	258.6	264.6				
Natural gas plant liquids	do....	594.2		49.4	50.2	50.3	49.7	48.2	48.2	48.2	46.8	47.8				
Imports:																
Crude and unfinished oils	do....	2,400.9		174.2	181.0	168.5	159.9	166.5	145.1	147.0	140.7	142.7				
Refined products	do....	686.8		53.4	51.8	41.0	43.1	40.3	42.4	42.1	43.2	48.6				
Change in stocks, all oils (decrease,—)	do....	*55.7		-8.4	2.4	24.1	21.1	23.3	14.8	23.7	-2.4	-16.8				
Demand, total	do....	6,930.2		561.2	556.5	515.4	518.2	506.0	511.3	497.4	513.1	542.8				
Exports:																
Crude petroleum	do....	85.7		9.0	10.0	6.5	9.5	11.0	7.4	2.4	9.6	9.6				
Refined products	do....	86.1		6.6	7.5	7.2	8.2	8.6	9.1	7.5	7.1	8.9				
Domestic product demand, total #	do....	6,758.3		545.6	538.9	501.7	500.4	486.4	494.8	487.5	496.4	524.2				
Gasoline	do....	2,581.5		192.3	199.7	204.9	209.7	201.0	210.0	207.3	196.5	207.8				
Kerosene	do....	68.6		6.8	5.4	4.2	3.5	3.6	3.6	4.3	3.9	4.5				
Distillate fuel oil	do....	1,209.7		107.5	98.3	78.9	74.4	69.9	69.0	66.2	77.7	90.5				
Residual fuel oil	do....	1,031.6		89.9	82.1	73.0	69.2	69.7	70.9	70.9	68.9	68.9				
Jet fuel	do....	392.7		31.1	34.6	33.2	31.5	31.7	34.4	32.3	31.7	32.1				
Lubricants	do....	65.5		5.0	5.0	5.1	4.6	4.6	4.3	4.3	4.9	5.5				
Asphalt	do....	172.0		5.7	6.8	8.4	13.0	16.2	18.2	17.8	17.3	15.8				
Liquefied gases	do....	581.0		52.6	48.1	35.8	37.7	36.5	35.7	35.5	39.6	49.0				
Stocks, end of period, total	do....	*1,340.9		1,339.4	1,341.9	1,365.9	1,387.1	1,410.4	1,425.2	1,448.9	1,446.5	1,429.7				
Crude petroleum	do....	430.3		452.8	452.9	470.5	475.1	473.2	470.5	478.8	468.8	475.1				
Strategic petroleum reserve	do....	*91.2		91.2	91.2	91.2	91.2	91.2	91.2	91.2	92.8	96.6				
Unfinished oils, natural gasoline, etc	do....	*132.0		125.8	131.2	139.9	147.2	149.4	149.5	148.2	149.7	149.0				
Refined products	do....	*778.6		760.8	757.8	755.5	764.8	787.8	805.2	821.9	828.0	805.6				

See footnotes at end of tables.

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	1979	1980	1980											1981		
	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:																
Gasoline (incl. aviation):																
Production..... mil. bbl.	2,514.6		200.2	203.5	189.5	196.6	198.1	201.7	201.4	192.4	191.2					
Exports..... do.	0.2		(1)	(1)	(1)	(1)	(1)	0.1	(1)	0.2	(1)					
Stocks, end of period..... do.	*239.9		277.3	285.8	275.0	266.0	267.5	263.8	262.2	261.0	249.1					
Prices (excl. aviation):																
Wholesale, regular..... Index, 2/73=100..	367.6	576.7	517.5	560.4	585.4	595.5	598.6	601.1	602.9	599.6	591.5	*590.8	595.9	607.2	632.1	682.3
Retail, regular grade (Lundberg/Platt's):																
Leaded..... \$ per gal.	*0.878	1.217	1.190	1.226	1.229	1.234	1.237	1.235	1.233	1.221	1.217	1.220	1.233	1.278	1.372	1.384
Unleaded..... do.	0.919	1.261	1.233	1.266	1.270	1.276	1.279	1.278	1.278	1.268	1.265	1.268	1.281	1.326	1.421	1.435
Aviation gasoline:																
Production..... mil. bbl.	13.7		1.1	1.3	1.0	1.0	1.0	1.3	1.4	0.9	1.1					
Stocks, end of period..... do.	*2.7		2.7	3.0	3.1	2.9	2.8	2.9	3.0	2.7	2.6					
Kerosene:																
Production..... do.	66.8		5.4	4.7	4.3	3.6	3.5	3.8	3.3	3.6	3.8					
Stocks, end of period..... do.	15.8		13.3	13.1	13.4	13.8	13.9	14.3	13.3	12.9	12.4					
Price, wholesale (light distillate)																
Index, 1967=100..	539.6	*863.3	776.9	834.6	862.5	870.5	878.4	892.7	903.1	903.2	896.3	*896.8	910.3	931.1	971.0	1,039.3
Distillate fuel oil:																
Production..... mil. bbl.	1,150.8		80.6	79.5	73.9	76.6	79.4	83.4	76.3	80.6	80.3					
Imports..... do.	71.8		6.4	5.5	4.4	3.9	3.2	3.6	2.4	3.0	3.6					
Exports..... do.	1.1		0.2	0.6	0.1	(1)	(1)	0.1	(1)	(1)	(1)					
Stocks, end of period..... do.	228.7		191.5	177.7	177.0	183.1	195.8	213.8	226.3	232.3	225.7					
Price, wholesale (middle distillate)																
Index, 1967=100..	573.9	850.6	793.5	837.7	858.9	864.8	860.9	870.2	875.6	873.7	868.4	873.4	891.2	935.2	998.5	1,081.2
Residual fuel oil:																
Production..... mil. bbl.	615.6		51.3	49.0	47.7	46.7	47.2	45.9	44.8	44.9	46.9					
Imports..... do.	420.1		32.5	30.1	23.1	25.2	22.5	24.4	27.1	27.2	27.0					
Exports..... do.	3.2		0.5	0.1	1.2	0.6	0.4	1.9	0.1	0.6	2.2					
Stocks, end of period..... do.	95.6		91.0	88.3	85.2	87.6	87.7	85.6	86.9	87.9	91.0					
Price, wholesale..... Index, 1967=100..	684.5	*960.6	969.8	979.3	933.2	870.0	853.7	944.5	953.7	956.2	943.8	*1,017.3	1,160.7	1,201.5	1,237.4	1,305.1
Jet fuel:																
Production..... mil. bbl.	369.2		29.7	32.0	30.7	31.0	30.1	30.2	29.7	31.2	30.3					
Stocks, end of period..... do.	38.5		38.3	38.7	39.3	41.3	42.3	40.9	40.3	42.2	43.2					
Lubricants:																
Production..... do.	71.0		5.3	5.6	5.6	5.8	5.3	5.8	5.0	5.4	5.3					
Exports..... do.	8.6		0.6	1.1	0.8	0.9	0.9	0.8	0.6	*0.6	0.6					
Stocks, end of period..... do.	12.5		12.3	11.9	11.8	12.5	12.3	13.3	13.6	13.7	13.2					
Asphalt:																
Production..... do.	168.8		9.5	11.1	10.7	12.0	13.4	14.1	13.9	13.8	12.6					
Stocks, end of period..... do.	18.9		27.2	31.5	33.8	32.9	30.2	26.2	22.5	19.1	16.1					
Liquefied gases (incl. ethane and ethylene):																
Production, total..... do.	568.0		47.1	48.6	47.0	46.3	45.8	46.1	46.7	44.7	47.5					
At gas processing plants (L.P.G.)..... do.	443.9		36.8	38.0	37.0	36.2	35.8	35.9	36.7	35.2	38.2					
At refineries (L.R.G.)..... do.	124.1		10.2	10.6	10.0	10.1	10.0	10.2	10.0	9.4	9.3					
Stocks (at plants and refineries)..... do.	*110.7		90.4	90.3	100.0	107.6	116.8	125.5	134.7	137.1	134.5					

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts..... thous. cords (128 cu.ft.)..	*76,887	81,802	6,996	6,895	6,677	6,800	7,365	6,782	6,893	6,722	6,878	6,408	6,480			
Consumption..... do.	*77,362	80,522	6,614	7,044	6,762	6,811	6,969	6,356	6,719	6,601	6,779	6,710	6,234			
Stocks, end of period..... do.	5,430	6,285	5,677	5,555	5,464	5,425	5,715	6,114	6,310	6,349	6,396	6,123	6,285			
Waste paper:																
Consumption..... thous. sh. tons.	*12,915	12,694	1,055	1,083	1,035	1,054	1,050	957	1,051	1,051	1,153	1,068	1,077			
Stocks, end of period..... do.	636	818	605	573	607	668	672	743	727	747	790	763	818			
WOODPULP																
Production:																
Total, all grades #..... thous. sh. tons.	*50,612		4,152	4,496	4,243	4,447	4,307	3,965	4,334	4,186	4,319	4,230				
Dissolving and special alpha..... do.	1,447		125	134	134	138	126	111	129	94	124	124				
Sulfate..... do.	35,553		3,183	3,446	3,238	3,403	3,297	3,049	3,324	3,216	3,292	3,236				
Sulfite..... do.	1,829		154	158	152	161	156	130	150	160	164	164				
Groundwood..... do.	4,667		358	394	375	395	386	369	397	388	411	383				
Semichemical..... do.	3,854		332	364	345	351	342	306	335	328	328	325				
Stocks, end of period:																
Total, all mills..... do.	930		843	867	922	976	971	982	1,034	960	960	1,009				
Pulp mills..... do.	364		365	355	385	420	435	461	493	454	467	547				
Paper and board mills..... do.	507	446	418	450	471	485	462	453	479	452	440	406	446			
Nonpaper mills..... do.	59	56	60	62	66	72	74	68	62	54	54	54	56			
Exports, all grades, total..... do.	*2,935	3,806	269	321	360	317	362	356	385	313	341	247	322	291		
Dissolving and special alpha..... do.	764	769	54	91	84	58	79	73	70	60	52	52	52	67		
All other..... do.	*2,170	3,037	215	230	276	259	283	283	315	252	289	195	270	224		
Imports, all grades, total..... do.	*4,318	4,051	328	445	320	373	336	285	344	300	298	323	334	380		
Dissolving and special alpha..... do.	155	194	14	13	24	13	29	10	21	10	12	24	10	23		
All other..... do.	*4,163	3,858	314	432	296	360	307	276	323	290	286	299	324	356		
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, unadjusted..... thous. sh. tons.	66,608	64,792	5,468	5,748	5,329	5,422	5,289	4,945	5,299	5,314	5,720	5,342	5,166			
Paper..... do.	30,012	29,705	2,501	2,661	2,523	2,531	2,394	2,228	2,382	2,382	2,614	2,413	2,421			
Paperboard..... do.	30,936	30,820	2,551	2,706	2,497	2,600	2,592	2,395	2,561	2,560	2,702	2,570	2,403			
Wet-machine board..... do.	144	137	12	13	10	8	9	8	10	13	13	13	13			
Construction paper and board..... do.	5,516	4,131	403	368	298	284	296	314	346	359	391	346	330			

See footnotes at end of tables.

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PULP, PAPER, AND PAPER PRODUCTS—Continued																
PAPER AND PAPER PRODUCTS—Cont.																
Paper and board—Cont.																
Producer price indexes:																
Paperboard 1967=100..	202.1	235.2	223.7	227.4	232.1	239.2	238.9	237.1	238.4	239.5	239.9	243.2	241.1	251.0	253.2	
Building paper and board	182.4	206.1	191.7	198.7	201.3	206.8	208.9	211.8	210.3	210.2	212.7	215.6	219.1	219.1	225.2	
Selected types of paper (API):																
Groundwood paper, uncoated:																
Orders, new..... thous. sh. tons..	1,519	*1,495	119	136	116	105	115	118	135	120	139	*123	*114	*143	116	
Orders, unfilled, end of period	149	*115	173	179	170	136	119	119	129	125	135	*124	*115	122	123	
Shipments	1,509	*1,500	117	132	127	132	127	116	125	121	130	121	123	*130	116	
Coated paper:																
Orders, new..... do.....	4,547	*4,761	407	373	403	410	357	400	384	384	426	*378	*397	*393	392	
Orders, unfilled, end of period	385	*391	420	378	405	360	344	405	404	385	398	*396	*391	364	352	
Shipments	4,527	4,669	390	415	377	380	364	340	378	389	421	394	405	*425	405	
Uncoated free sheet papers:																
Orders, new..... do.....	7,826	*7,663	647	682	652	628	579	580	591	596	733	*611	*618	*688	582	
Shipments	8,189	*8,300	710	753	714	710	678	614	669	658	722	*657	*674	*688	638	
Unbleached kraft packaging and industrial converting papers:																
Shipments..... thous. sh. tons..	3,934	*3,788	335	346	319	325	299	282	306	311	328	302	293	*322	305	
Tissue paper, production	4,506	*4,353	371	398	372	378	340	323	351	356	369	*367	*345	*372	355	
Newsprint:																
Canada:																
Production..... thous. metric tons..	8,756	8,625	738	782	766	767	717	601	692	651	735	708	691	751	702	
Shipments from mills	8,780	8,622	744	777	763	774	732	640	662	642	735	691	735	695	684	
Stocks at mills, end of period	162	165	205	210	214	207	192	154	183	192	192	208	165	221	238	
United States:																
Production..... do.....	3,685	4,239	334	358	339	368	356	341	374	353	377	358	338	379	356	
Shipments from mills	3,689	4,234	334	351	346	365	346	350	371	350	381	346	357	374	357	
Stocks at mills, end of period	16	21	24	30	23	26	36	27	30	32	28	40	21	26	25	
Consumption by publishers ¶	6,673	6,586	521	582	545	569	538	498	533	534	583	592	576			
Stocks at and in transit to publishers, end of period	628	732	670	683	724	749	806	793	793	782	763	696	732	*768	811	
Imports..... thous. sh. tons..	7,223	7,279	624	685	631	648	641	550	546	584	588	568	596	584		
Price, rolls, contract, f.o.b. mill, freight allowed or delivered..... Index, 1967=100..	249.4	*279.3	269.4	269.4	269.4	277.6	283.7	283.7		283.8	283.8	283.8	298.3		301.9	
Paperboard (American Paper Institute):																
Orders, new (weekly avg.)§..... thous. sh. tons..	613	(*)														
Orders, unfilled	1,393	(*)														
Production, total †..... do.....	31,429	*30,995	2,576	2,777	2,570	2,661	2,608	2,393	2,592	2,526	2,681	2,622	2,310	*2,707	2,536	
Paper products:																
Shipping containers, corrugated and solid fiber shipments..... mil. sq. ft. surf. area..	250,643	243,228	20,452	21,466	20,636	19,150	19,115	18,456	19,345	21,054	23,229	18,849	19,313	21,161	20,044	
Folding paper boxes, shipments..... thous. sh. tons..	2,716.0	(*)														
mil. \$..	2,416.7	(*)														

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption..... thous. metric tons..	739.00	586.15	57.27	55.69	46.85	42.33	41.25	38.84	43.16	49.38	49.48	50.26	48.69			
Stocks, end of period do.....	132.12	126.67	135.33	141.36	152.42	145.70	147.39	149.89	138.50	132.90	129.52	123.14	126.67			
Imports, incl. latex and guayule thous. lg. tons..	747.68	598.31	56.00	73.96	38.90	55.26	44.46	38.49	31.37	55.92	31.77	50.31	45.06	30.06	86.42	
Price, wholesale, smoked sheets (N.Y.).... \$ per lb..	0.651	0.730	0.865	0.733	0.723	0.690	0.685	0.673	0.680	0.728	0.790		0.730	0.713	0.690	0.860
Synthetic rubber:																
Production..... thous. metric tons..	2,534.50	2,009.04	194.65	206.77	192.40	159.57	129.64	110.29	123.67	149.76	174.59	178.45	193.69			
Consumption..... do.....	2,340.62	1,854.00	176.09	191.06	148.89	135.73	120.14	131.03	133.73	165.97	167.86	157.70	155.13			
Stocks, end of period do.....	402.86	341.77	436.16	427.56	452.15	445.08	429.22	391.19	372.33	339.73	325.35	328.87	341.77			
Exports (Bu. of Census) thous. lg. tons..	385.10	422.78	34.48	41.98	41.68	46.88	37.33	36.54	30.46	25.51	33.45	30.72	32.31	31.21	31.65	
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production.....thous..	206,687	159,263	15,059	15,082	13,678	11,370	10,716	10,206	12,057	13,911	15,790	12,861	13,346			
Shipments, total..... do.....	213,929	177,063	12,445	15,180	15,558	14,056	15,301	13,457	15,537	17,564	18,034	13,305	12,926			
Original equipment do.....	58,072	40,227	3,974	4,208	3,271	3,131	3,073	2,217	2,521	3,615	4,304	3,376	2,707			
Replacement equipment..... do.....	150,781	131,271	8,004	10,443	11,791	10,505	11,786	10,817	12,566	13,497	13,133	9,499	9,767			
Exports..... do.....	5,077	5,565	467	528	496	419	442	423	460	452	597	431	452			
Stocks, end of period do.....	44,873	33,298	49,993	50,471	49,220	46,972	42,817	40,079	37,057	33,730	32,112	32,363	33,298			
Exports (Bu. of Census) do.....	6,572	9,058	698	1,098	863	787	618	572	657	885	638	691	946	797	1,081	
Inner tubes, automotive:																
Exports (Bu. of Census) do.....	3,576	4,557	481	420	438	328	441	458	265	464	226	314	317	206	358	

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STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																
Shipments, finished cement	thous. bbl.	451,383	402,825	22,101	26,005	33,011	36,324	39,314	39,840	39,644	40,489	43,303	31,824	28,181	20,665	
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face)																
mil. standard brick..	thous. sh. tons.	7,708.1	6,334.2	401.8	439.4	505.0	520.8	558.4	588.0	574.0	625.5	681.0	527.9	462.4		
Structural tile, except facing	thous. sh. tons.	59.0	101.6	9.4	6.9	7.1	7.6	7.6	9.1	8.9	9.4	9.7	10.3	9.7		
Sewer pipe and fittings, vitrified	do.	855.3	722.8	36.5	40.6	50.8	52.0	53.3	71.5	76.7	78.7	96.5	73.5	46.4		
Facing tile (hollow), glazed and unglazed																
mil. brick equivalent..	thous. sh. tons.	54.0	45.4	3.5	4.1	3.4	4.6	4.6	4.2	3.0	3.8	4.2	3.2	3.6		
Floor and wall tile and accessories, glazed and unglazed	mi. sq. ft.	312.8	296.9	26.3	26.7	24.1	24.3	24.6	24.1	24.4	26.1	25.9	21.1	22.4		
Price index, brick (common), f.o.b. plant or N.Y. dock	1967=100	263.1	280.9	274.6	276.2	280.9	281.7	281.7	281.7	280.7	281.6	285.9	286.3	287.3	291.1	290.5 300.3
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments	thous. \$.	858,130	868,914		220,279			191,757			210,895			245,983		
Glass containers:																
Production	thous. gross.	321,999	322,092	28,136	28,572	27,154	26,615	27,068	27,329	28,625	26,476	29,145	25,054	20,656	26,203	
Shipments, domestic, total	do.	317,829	317,041	25,234	28,578	24,925	25,630	27,654	28,495	28,829	30,064	26,558	23,153	23,096	23,061	
Narrow-neck containers:																
Food	do.	26,686	27,969	2,544	2,749	2,338	2,295	2,392	2,300	2,728	2,781	2,157	1,768	1,787	2,089	
Beverage	do.	54,995	57,705	3,633	4,887	4,516	5,109	5,502	6,076	5,683	5,662	4,776	3,932	4,198	3,951	
Beer	do.	113,875	116,267	9,155	9,614	9,229	9,867	11,068	11,254	10,793	10,343	9,433	8,651	8,159	7,471	
Liquor and wine	do.	26,111	24,591	1,816	2,213	1,750	1,858	2,149	1,873	2,032	2,278	2,478	2,034	2,119	2,013	
Wide-mouth containers:																
Food (incl. packer's tumblers, jelly glasses, and fruit jars)	thous. gross.	66,517	61,167	5,244	6,267	4,489	4,251	4,283	4,812	5,241	6,306	5,149	4,673	4,935	5,046	
Narrow-neck and wide-mouth containers:																
Medicinal and toilet	do.	25,856	26,117	2,462	2,526	2,379	2,028	2,017	1,876	2,099	2,369	2,305	1,898	1,709	2,205	
Chemical, household and industrial	do.	3,789	3,225	380	322	224	222	243	304	253	323	260	197	189	286	
Stocks, end of period	do.	45,935	48,177	50,288	50,323	52,488	52,913	52,828	51,372	50,285	46,574	48,825	50,302	48,177	50,433	
GYPSUM AND PRODUCTS																
Production:																
Crude gypsum (exc. byproduct) ...	thous. sh. tons.	14,630	12,479	1,043	963	946	920	980	1,019	1,050	1,106	1,248	1,028	1,081		
Calcined	do.	14,543	11,485	943	926	874	826	869	964	984	1,032	1,064	968	924		
Imports, crude gypsum	do.	7,773	7,365	563	636	477	607	597	617	625	595	493	719	590		
Sales of gypsum products:																
Uncalcined	do.	5,596	5,544	324	344	410	459	575	413	428	607	529	493	531		
Calcined:																
Industrial plasters	do.	379	409	35	39	34	32	30	33	36	34	40	31	31		
Building plasters:																
Regular basecoat	do.	121	217	17	20	19	18	19	18	19	18	20	14	15		
All other (incl. Keene's cement)	do.	283	161	14	13	14	14	13	13	13	13	15	11	13		
Board products, total																
Lath	mil. sq. ft.	16,865	14,131	1,130	1,110	1,131	1,021	1,090	1,166	1,203	1,258	1,365	1,108	1,149		
Veneer base	do.	125	78	8	7	6	6	7	6	5	6	5	5	5		
Gypsum sheathing	do.	444	339	29	25	25	25	25	27	29	31	31	27	29		
Regular gypsum board	do.	218	190	14	14	13	13	15	17	17	18	20	17	16		
Type X gypsum board	do.	12,556	9,923	801	783	789	711	753	807	840	879	961	784	809		
Predecorated wallboard	do.	3,272	3,266	254	254	273	243	266	281	278	289	310	246	265		
5/16 mobile home board	do.	249	105	8	8	9	8	8	9	10	10	11	8	8		
	(⁵)	229	18	19	16	14	15	18	25	24	27	20	16			
TEXTILE PRODUCTS																
FABRIC																
Woven fabric, finishing plants: *																
Production (finished fabric)	mil. linear yd.	8,065	8,420	703	710	866	662	650	588	602	641	825	639	736	629	
Cotton	do.	3,107	3,531	279	388	346	274	277	252	248	268	340	251	286	244	
Manmade and silk fiber	do.	4,957	4,990	424	422	520	388	374	336	354	373	485	388	450	385	
Inventories held at end of period																
Cotton	do.	828	769	796	800	818	806	780	788	795	777	800	867	769	786	
Manmade and silk fiber	do.	351	339	344	340	350	342	340	346	353	332	346	356	339	340	
Backlog of finished orders	do.	477	430	452	459	468	463	440	442	442	445	454	451	430	446	
Cotton (excluding linters):																
Production:																
Ginnings §	thous. running bales.	14,262	10,824						200	581	1,311	4,603	7,843	9,925		
Crop estimate	thous. net weight bales.	14,629	11,124										10,938			
Consumption	thous. running bales.	6,140	6,135	507	513	622	496	478	487	443	456	597	458	475	435	440
Stocks in the United States, total, end of period #																
Domestic cotton, total	thous. running bales.	12,933	9,261	9,792	8,129	6,592	5,187	4,014	3,027	13,290	12,443	10,948	10,271	9,261	8,038	
On farms and in transit	do.	12,929	9,260	9,786	8,123	6,586	5,182	4,012	3,026	13,288	12,441	10,946	10,270	9,260	8,037	
Public storage and compresses	do.	3,937	2,502	2,245	1,803	1,376	962	671	250	10,890	10,080	7,024	4,451	2,502	1,576	
Consuming establishments	do.	8,160	5,927	6,554	5,252	4,081	3,124	2,341	1,822	1,509	1,578	3,180	5,070	5,927	5,530	
		832	831	987	1,068	1,129	1,096	1,000	954	889	783	742	749	831	931	

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TEXTILE PRODUCTS—Continued																
COTTON AND MANUFACTURES—Cont.																
Cotton (excluding linters)—Continued																
Exports.....thous. running bales..	6,649	7,973	1,025	1,150	*916	911	686	540	402	393	237	436	541	669	2,352	 6
Imports.....thous. net-weight bales \$..	6,127	15,816	(¹)	1	0	(¹)	(¹)	2	0	2	1	5	5	1	6	 6
Price (farm), American upland 1/.....cents per lb..	57.5	73.3	66.5	64.8	63.3	66.8	62.8	74.9	80.1	81.4	75.3	77.6	80.9	76.9	*71.4	*67.4
Price, Strict Low Middling, Grade 41, staple 34 (1-1/16"), average 10 markets.....cents per lb..	*61.6	71.5	80.7	79.2	79.0	78.3	72.4	79.0	85.6	87.5	85.8	87.0	87.2	85.1	83.3	.....
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....mil.	16.2	15.9	16.3	16.3	16.3	16.2	16.1	16.0	16.1	15.7	16.1	16.0	15.9	15.9	15.9	.....
Consuming 100 percent cotton.....do.....	6.4	6.0	6.4	6.3	6.4	6.4	6.3	6.2	6.2	6.2	6.1	6.0	6.0	5.9	5.9	.....
Spindle hours operated, all fibers, total.....bil.	102.0	102.5	8.7	8.3	*10.0	8.1	7.9	*8.2	7.6	7.3	*10.0	8.0	8.4	7.3	7.4	.....
Average per working day.....do.....	0.393	0.388	0.436	0.414	0.402	0.403	0.393	0.329	0.378	0.367	0.398	0.399	0.337	0.377	.....	.....
Consuming 100 percent cotton.....do.....	41.7	42.0	3.4	3.3	*4.1	3.3	3.2	*3.4	3.2	3.2	*4.1	3.4	3.3	*3.4	3.4	.....
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.).....mil. lin. yd..	3,858	.....	.....	1,032	.....	.....	968	.....	.....	*813	.....	.....	916	.....	.....	.....
Orders, unfilled, end of period, compared with avg. weekly production.....no. weeks' prod..	*18.9	18.0	16.6	17.2	16.8	14.7	15.4	18.0	13.2	12.8	12.2	11.3	14.0	12.8	13.2	.....
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod..	*3.7	5.0	3.6	3.6	4.0	4.1	4.0	5.4	4.2	3.8	4.3	3.9	5.7	5.2	5.3	.....
Ratio of stocks to unfilled orders (at cotton mills), end of period.....	*0.20	0.29	0.22	0.21	0.24	0.28	0.29	0.30	0.32	0.30	0.35	0.34	0.40	0.40	0.40	.....
Exports, raw cotton equiv. thous. net-weight \$.....bales..	627.8	540.2	54.2	52.4	45.2	42.4	47.2	34.6	44.3	48.0	42.0	38.4	40.9	.....	.....	.....
Imports, raw cotton equivalent.....do.....	506.4	566.8	41.6	57.5	53.0	44.7	60.5	49.2	41.3	49.4	44.7	43.2	38.7	.....	.....	.....
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly:																
Filament yarn (acetate).....mil. lb..	316.6	308.5	.....	80.0	.....	.....	82.1	.....	.....	77.5	.....	.....	68.9	.....	.....	.....
Staple, incl. tow (rayon).....do.....	549.4	443.3	.....	126.9	.....	.....	113.4	.....	.....	101.0	.....	.....	102.0	.....	.....	.....
Noncellulosic, except textile glass:																
Yarn and monofilaments.....do.....	4,136.3	3,725.3	.....	1,017.4	.....	.....	889.8	.....	.....	816.6	.....	.....	1,001.5	.....	.....	.....
Staple, incl. tow.....do.....	4,282.3	4,148.2	.....	1,105.4	.....	.....	939.5	.....	.....	959.4	.....	.....	1,143.9	.....	.....	.....
Textile glass fiber.....do.....	1,014.4	867.3	.....	242.3	.....	.....	224.0	.....	.....	183.3	.....	.....	217.7	.....	.....	.....
Fiber stocks, producers', end of period:																
Filament yarn (acetate).....mil. lb..	11.8	18.4	.....	11.1	.....	.....	12.6	.....	.....	17.7	.....	.....	18.4	.....	.....	.....
Staple, incl. tow (rayon).....do.....	35.6	27.2	.....	34.3	.....	.....	37.3	.....	.....	34.8	.....	.....	27.2	.....	.....	.....
Noncellulosic fiber, except textile glass:																
Yarn and monofilaments.....do.....	379.8	289.3	.....	379.3	.....	.....	383.3	.....	.....	312.7	.....	.....	289.3	.....	.....	.....
Staple, incl. tow.....do.....	311.1	287.0	.....	345.4	.....	.....	324.3	.....	.....	285.4	.....	.....	287.0	.....	.....	.....
Textile glass fiber.....do.....	152.5	104.1	.....	129.9	.....	.....	158.9	.....	.....	149.7	.....	.....	104.1	.....	.....	.....
Manmade fiber and silk broadwoven fabrics:																
Production (qtrly.), total #.....mil. lin. yd..	6,589.8	.....	.....	1,739.4	.....	.....	1,646.3	.....	.....	1,560.7	.....	.....	.....	.....	.....	.....
Filament yard (100%) fabrics #.....do.....	2,414.3	.....	.....	638.6	.....	.....	609.1	.....	.....	574.0	.....	.....	.....	.....	.....	.....
Chiefly rayon and/or acetate fabrics.....do.....	396.4	.....	.....	107.9	.....	.....	100.8	.....	.....	92.9	.....	.....	.....	.....	.....	.....
Chiefly nylon fabrics.....do.....	425.2	.....	.....	113.0	.....	.....	105.0	.....	.....	87.2	.....	.....	.....	.....	.....	.....
Spun yard (100%) fab., exc. blanketing #.....do.....	3,531.9	.....	.....	947.0	.....	.....	912.4	.....	.....	868.8	.....	.....	.....	.....	.....	.....
Rayon and/or acetate fabrics, blends.....do.....	338.4	.....	.....	80.7	.....	.....	77.6	.....	.....	72.5	.....	.....	.....	.....	.....	.....
Polyester blends with cotton.....do.....	2,426.6	.....	.....	673.1	.....	.....	658.2	.....	.....	617.0	.....	.....	.....	.....	.....	.....
Filament and spun yarn fabrics.....do.....	398.9	.....	.....	121.8	.....	.....	99.1	.....	.....	96.9	.....	.....	.....	.....	.....	.....
Manmade fiber gray goods, owned by weaving mills:																
Ratio, stocks to unfilled orders, end of period.....	*0.22	.....	0.27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prices, manufacturer to mfr., f.o.b. mill:																
50/50 polyester/carded cotton printcloth, gray, 48", 3.90 yds./lb., 78x54-56.....\$ per yd..	*0.472	0.510	0.488	0.491	0.486	0.482	0.476	0.490	0.494	0.513	0.551	0.593	0.575	0.569	0.564	0.568
Manmade fiber manufactures:																
Exports, manmade fiber equivalent.....mil. lbs..	596.58	771.54	59.36	69.55	69.01	64.85	70.85	58.44	63.79	63.29	75.94	64.97	64.27	.....	.....	.....
Yarn, tops, thread, cloth.....do.....	371.44	418.64	29.08	35.31	36.17	34.80	37.84	30.80	35.77	33.15	43.66	35.64	37.00	.....	.....	.....
Cloth, woven.....do.....	228.63	249.77	16.04	21.13	19.02	20.89	23.74	17.39	22.00	20.95	27.14	20.92	21.97	.....	.....	.....
Manufactured prods., apparel, furnishings.....do.....	225.13	352.91	30.28	34.24	32.84	30.05	33.01	27.63	28.02	30.14	32.28	29.33	27.26	.....	.....	.....
Imports, manmade fiber equivalent.....do.....	524.97	540.64	39.90	39.62	37.37	46.72	55.92	57.69	50.18	52.11	49.19	40.10	35.46	.....	.....	.....
Yarn, tops, thread, cloth.....do.....	102.20	97.48	7.71	9.83	8.59	8.64	9.40	7.90	7.55	7.96	7.45	7.27	7.36	.....	.....	.....
Cloth, woven.....do.....	64.58	67.28	4.88	6.43	6.02	5.60	6.41	5.84	5.69	5.72	5.57	5.12	5.06	.....	.....	.....
Manufactured prods., apparel, furnishings.....do.....	422.79	444.16	32.18	29.79	28.78	38.09	46.52	49.79	42.64	44.15	41.73	32.83	29.10	.....	.....	.....
Apparel, total.....do.....	360.41	378.52	27.28	24.13	23.60	32.39	40.70	44.03	37.62	38.26	36.10	27.73	22.74	.....	.....	.....
Knit apparel.....do.....	184.50	187.74	14.51	12.11	11.66	16.85	21.81	23.30	19.38	19.20	18.89	12.08	8.77	.....	.....	.....
WOOL AND MANUFACTURES																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb..	106.5	113.5	10.2	9.8	*11.4	9.2	8.3	*7.5	8.4	7.7	*10.8	*8.8	*10.0	10.2	11.0	.....
Carpet class.....do.....	10.5	9.1	0.8	0.9	*0.9	0.7	0.6	*0.7	0.9	0.7	0.8	0.6	0.6	0.7	0.8	.....
Wool imports, clean yield.....do.....	42.3	56.5	4.9	5.1	4.6	5.7	4.5	5.3	4.8	4.1	3.9	3.6	4.0	6.9	7.7	.....
Duty-free (carpet class).....do.....	22.0	26.0	1.6	2.3	2.2	3.3	3.0	3.0	2.0	1.2	1.2	1.5	1.6	2.7	2.5	.....
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																
Domestic—Graded territory, 64's, staple 2-3/4" and up.....cents per lb..	2.18	2.45	2.53	2.56	2.31	2.25	2.33	2.45	2.51	2.53	2.53	2.53	2.53	2.53	2.68	2.74
Australian, 64's, Type 62, duty-paid.....do.....	2.77	3.09	3.10	3.06	2.99	3.10	3.21	3.11	3.06	3.11	3.06	3.20	3.21	*3.19	3.12	3.07
Wool broadwoven goods, exc. felts:																
Production (qtrly.).....mil. lin. yd..	117.4	114.8	.....	33.6	.....	.....	33.9	.....	.....	22.1	.....	.....	25.2	.....	.....	.....
FLOOR COVERINGS																
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly.....mil. sq. yds..	*1,206.0	1,082.2	.....	293.4	.....	.....	258.5	.....	.....	253.0	.....	.....	277.3	.....	.....	.....
APPAREL																
Women's, misses', juniors' apparel cuttings: @																
Coats.....thous. units..	17,394	19,169	1,323	1,305	1,433	1,712	1,803	1,628	2,313	1,962	1,926	1,589	1,133	.....	.....	.....
Dresses.....do.....	169,697	168,405	17,430	18,235	17,327	14,847	15,553	12,903	13,177	11,953	11,993	9,785	9,289	.....	.....	.....
Suits (incl. pant suits, jumpsuits).....do.....	25,275	21,101	2,057	2,192	1,825	1,390	1,469	1,533	1,957	2,357	1,954	1,391	1,190	.....	.....	.....
Blouses.....thous. dozen..	24,932	25,711	2,410	2,224	2,199	2,152	1,987	1,803	2,216	2,246	2,349	2,117	1,842	.....	.....	.....
Skirts.....do.....	5,304	6,148	456	530	480	438	462	408	548	573	581	536	506	.....	.....	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979	1980	1980										1981			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TEXTILE PRODUCTS—Continued																
APPAREL—Continued																
Men's apparel cuttings: @																
Suits.....thous. units..	15,935	14,511	1,210	1,187	1,327	1,261	1,116	817	1,203	1,262	1,467	1,236	*1,105	1,335		
Coats (separate), dress and sport..... do...	14,329	17,981	1,260	1,429	1,740	1,643	1,752	1,219	1,428	1,739	1,810	1,506	*1,299	1,535		
Trousers (separate), dress..... do...	124,688	122,726	9,943	11,133	10,861	10,322	10,072	6,356	11,419	11,403	12,567	10,696	*7,917	9,222		
Slacks (jean cut), casual..... do...	208,368	211,328	17,194	21,565	18,046	16,866	19,370	14,094	18,249	22,061	18,745	15,982	*13,005	12,019		
Shirts, dress and sport.....thous. doz.	38,895	37,070	3,369	3,703	3,307	3,135	3,370	2,459	2,972	3,060	*3,082	*2,672	*2,147	2,573		
Hosiery, shipments.....thous. doz. pairs..	290,453	260,479	20,685	21,675	23,254	20,496	23,995	24,580	21,851	20,593	24,182	21,575	19,898			
TRANSPORTATION EQUIPMENT																
AEROSPACE VEHICLES																
Orders, new (net), qtrly, total..... mil. \$..	65,208	70,852		14,849			19,342			17,308			19,360			
U.S. Government..... do...	28,107	33,220		7,379			7,478			8,168			10,195			
Prime contract..... do...	59,611	68,160		14,144	14,144		18,616	18,616		16,771	16,771		18,636			
Sales (net), receipts, or billings, qtrly, total..... do...	46,173	57,608		11,968			14,779			14,405			16,436			
U.S. Government..... do...	23,229	26,141		5,833			6,519			6,588			7,201			
Backlog of orders, end of period #..... do...	78,259	95,149		*84,546			89,339			92,224			95,149			
U.S. Government..... do...	36,136	41,502		35,066			36,926			38,507			41,502			
Aircraft (complete) and parts..... do...	41,286	47,877		43,684			46,953			48,039			47,877			
Engines (aircraft) and parts..... do...	9,198	11,655		10,345			10,878			12,190			11,655			
Missiles, space vehicle systems, engines, propulsion units, and parts..... mil. \$..	7,387	8,877		7,946			7,954			7,854			8,877			
Other related operations (conversions, modifications), products, services..... mil. \$..	10,725	10,872		8,921			9,687			9,877			10,872			
Aircraft (complete);																
Shipments..... do...	11,186.1	13,120.4	1,100.2	1,187.6	1,210.9	1,275.3	1,041.3	1,041.3	717.1	1,305.0	1,191.1	1,232.1	*1,195.5	749.0		
Airframe weight.....thous. lb.	77,327	97,327	8,081	9,118	8,975	9,084	7,397	7,851	5,571	10,343	8,613	8,752	*8,433	5,011		
Exports, commercial..... mil. \$..	6,149	8,250	768	786	706	709	640	607	522	792	705	726	1,020	337	751	
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants), total.....thous..	8,419	6,400	619	649	572	518	544	432	299	529	675	560	490	*439	*479	
Domestic..... do...	7,678	5,840	563	578	516	462	496	400	280	487	623	517	452	407		
Retail sales, total, not seasonally adj..... do...	10,559	8,980	812	895	743	697	702	772	686	672	847	698	650	648	764	962
Domestics \$..... do...	8,232	6,582	592	670	541	499	511	542	487	486	664	530	472	470	544	719
Imports..... do...	2,329	2,399	220	225	202	198	191	230	199	186	183	169	178	178	220	242
Total, seas, adjusted at annual rate.....mil.			10.8	9.6	8.0	7.2	7.4	9.0	8.9	8.5	9.2	9.3	8.9	9.7	10.5	10.4
Domestics \$..... do...			7.9	7.1	5.9	5.3	5.3	6.5	6.7	6.3	6.8	6.8	6.4	7.0	7.5	7.7
Imports \$..... do...			2.9	2.5	2.1	2.0	2.2	2.5	2.1	2.2	2.4	2.5	2.5	2.6	3.0	2.7
Retail inventories, end of mo., domestics:																
Not seasonally adjusted.....thous..	1,691	1,448	1,610	1,567	1,585	1,598	1,628	1,507	1,337	1,373	1,390	1,440	1,448	1,421	1,335	1,216
Seasonally adjusted \$..... do...	1,667	1,350	1,437	1,404	1,409	1,423	1,450	1,417	1,330	1,332	1,328	1,351	1,350	1,241	*1,117	993
Inventory-retail sales ratio, domestics \$..... do...	2.6	2.5	2.2	2.4	2.9	3.2	3.3	2.6	2.4	2.6	2.3	2.4	2.5	2.1	1.8	1.5
Exports (BuCensus), assembled cars.....thous..	779.16	607.80	63.32	72.44	69.38	60.21	51.92	31.04	22.61	41.64	58.39	46.95	40.46	31.02	52.82	
To Canada..... do...	590.95	509.13	51.26	62.62	58.95	51.35	42.94	27.09	18.78	35.48	51.09	39.78	32.45	23.71	46.31	
Imports (BuCensus), complete units..... do...	3,001.8	3,314.1	286.6	288.1	295.1	294.3	307.7	277.6	230.3	252.8	276.9	271.8	253.4	276.7	*209.0	
From Canada, total..... do...	671.2	594.6	51.5	61.6	47.2	51.3	52.6	38.8	21.8	41.9	66.1	63.3	49.9	35.6	29.5	
Registrations %, total new vehicles..... do...	10,357	8,761	*701	*801	*787	*733	*676	*716	*704	*702	*747	*730	*711	*636	*675	
Imports, incl. domestically sponsored..... do...	2,351	2,469	*196	*220	*222	*215	*199	*216	*215	*212	*196	*187	*188	*174	*200	
Trucks and buses:																
Factory sales (from U.S. plants), total.....thous..	3,037	1,667	176	169	130	109	104	107	84	134	186	155	149	140	134	*167
Domestic..... do...	2,741	1,464	157	148	113	93	83	88	73	120	168	140	132	126		
Retail sales, seasonally adjusted:																
Light-duty, up to 14,000 lbs. GVW..... do...	2,861.0	1,963.5	185.7	174.9	149.8	148.7	166.7	177.1	156.5	147.9	143.1	151.7	145.7	*153.0	156.5	149.0
Medium-duty, 14,001-26,000 lbs. GVW..... do...	151.6	92.3	9.3	8.1	7.4	5.7	7.4	7.4	8.1	9.0	7.1	6.3	6.6	8.6	6.4	6.2
Heavy-duty, 26,001 lbs. and over GVW..... do...	223.2	175.7	15.5	14.7	13.1	12.6	14.1	15.2	16.9	15.3	14.3	12.9	13.6	13.5	12.4	13.8
Retail inventories, end of period, seasonally adjusted.....thous..	803.4	574.0	768.2	734.1	730.7	699.3	612.0	578.0	522.7	524.1	554.2	570.5	590.5	575.2	548.5	547.7
Exports (BuCensus), assembled units..... do...	259.44	189.11	16.94	18.94	17.45	15.51	16.40	15.42	13.33	13.21	14.94	14.08	14.08	11.62	15.75	
Imports (BuCensus), including separate chassis and bodies.....thous..	974.13	1,133.31	99.06	100.61	105.05	98.13	92.82	108.95	90.89	89.86	110.44	77.93	62.17		46.10	
Registrations, new vehicles, excluding buses not produced on truck chassis.....thous..	3,472	2,477	*210	*220	*221	*207	*211	*222	*196	*190	*185	*190	*191	*162	*163	
Truck trailers and chassis, complete (excludes detachables), shipments..... number..	209,522	124,862	12,197	13,156	11,876	10,337	10,138	7,294	8,435	9,439	10,276	9,065	*9,950	9,175		
Vans..... do...	138,484	77,785	7,081	8,025	7,493	6,318	6,364	4,080	5,404	6,088	6,392	5,857	*6,428	5,931		
Trailer bodies (detachable), sold separately..... do...	9,154	7,226	486	509	631	770	509	258	231	840	827	754	767	614		
Trailer chassis (detachable), sold separately..... do...	14,700	13,951	1,145	1,262	1,493	1,348	883	820	840	1,053	1,443	1,179	*1,083	1,074		
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments..... number..	90,021	85,920	7,903	8,795	7,893	8,073	7,902	5,890	6,994	6,947	7,368	4,945	5,530	5,336	4,709	
Equipment manufacturers..... do...	83,931	80,357	7,440	8,224	7,546	7,484	7,521	5,455	6,158	6,596	6,956	4,574	5,151	5,064	4,401	
New orders..... do...	119,291	45,390	3,776	3,471	5,501	5,744	3,144	3,393	2,797	4,406	2,047	3,930	4,722	2,147	2,069	
Equipment manufacturers..... do...	113,060	40,140	3,776	3,471	2,851	3,882	3,144	3,393	2,531	4,406	1,847	3,230	4,722	2,147	2,069	
Unfilled orders, end of period..... do...	119,201	51,640	109,406	100,955	91,940	87,277	79,486	75,284	69,432	66,007	59,378	57,655	*51,640	48,451	45,121	
Equipment manufacturers..... do...	112,749	47,136	104,045	96,165	84,847	78,911	71,701	67,934	62,652	59,806	53,389	51,337	*47,136	44,219	41,197	
Freight cars (revenue), class 1 railroads (AAR): †																
Number owned, end of period.....thous..	1,217	1,168	1,202	1,199	1,201	1,195	1,192	1,186	1,184	1,180	1,177	1,172	1,168	1,166	1,163	
Held for repairs, % of total owned..... do...	8.0	8.8	8.4	8.1	8.1	8.1	8.3	8.7	8.8	8.9	8.8	8.7	8.8	8.1	8.0	
Capacity (carrying), total, end of mo.....mil. tons..	94.47	92.56	93.50	93.53	93.84	93.74	93.51	93.31	93.27	93.06	93.61	93.06	92.56	92.47		
Average per car..... tons..	77.62	79.24	77.80	78.01	78.15	78.46	79.48	78.67	78.75	78.83	79.09	79.38	79.24	79.32		

See footnotes at end of tables.

FOOTNOTES FOR PAGES S-1 THROUGH S-36

General Notes for all Pages:

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

Page S-1

1. Estimates (corrected for systematic biases) for Jan.-Mar. and Apr.-June 1981 based on planned capital expenditures of business. Planned capital expenditures for the year 1981 appear on p. 32 of the Mar. 1981 SURVEY.

† The estimates for plant and equipment expenditures have been revised. An article describing that revision and containing revised estimates for 1947-77 begins on p. 24 of the Oct. 1980 SURVEY.

¶ Data for the individual durable and nondurable goods industries appear in the Mar., June, Sept., and Dec. issues of the SURVEY.

Page S-2

† Revised series. Estimates of personal income have been revised as part of the 1980 benchmark revision of the national income and product accounts. An article describing that revision appears in the Dec. 1980 SURVEY. Data for 1976-79 will be published in a separate supplement to the SURVEY. Pre-1976 data will be published in *The National Income and Product Accounts of the United States, 1929-76: Statistical Tables*.

‡ Includes inventory valuation and capital consumption adjustments.

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

§ Monthly estimates equal the centered three-month average of personal saving as a percentage of the centered three-month moving average of disposable personal income.

Includes data for items not shown separately.

¶ Revised data for 1976-78 will be shown in the 1979 BUSINESS STATISTICS.

Page S-3

1. Based on data not seasonally adjusted.

¶ See note "¶" for p. S-2.

Includes data not shown separately.

‡ Revised series. Data for both the manufacturing and retail sectors have been revised. For manufacturing see note "†" for p. S-4. For retail see note "†" for p. S-10.

† See note "†" for p. S-4.

§ See note "†" for p. S-10.

@ See note "†" for p. S-9.

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

Page S-4

1. Based on data not seasonally adjusted.

‡ Revised series. Data for both the manufacturing and retail sectors have been revised. For manufacturing see note "†" for this page. For retail see note "†" for p. S-10.

† Revised series. Data revised back to 1958 to reflect (1) benchmarking of shipments and inventories to the 1974, 1975, and 1976 Annual Surveys of Manufacturers, (2) recalculation of new orders estimates, and (3) updating of the seasonal factors. A detailed description of this revision and historical data appear in reports "Manufacturers' Shipments, Inventories, and Orders" M3-1.7 (1958-1977), M3-1.8 (1967-1978), and M3-1.9 (1977-1979), available from the Bureau of the Census, Washington, D.C. 20233.

§ See note "†" for p. S-10.

@ See note "†" for p. S-9.

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

Includes data for items not shown separately.

Page S-5

1. Based on data not seasonally adjusted.

† See note "†" for p. S-4.

Includes data for items not shown separately.

‡ Includes textile mill products, leather and products, paper and allied products, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero.

¶ For these industries (food and kindred products, tobacco, apparel and other textile products, petroleum and coal, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders.

Page S-6

1. Based on unadjusted data.

2. This series has been discontinued.

‡ Compiled by Dun & Bradstreet, Inc.

Includes data for items not shown separately.

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

¶ Data through 1977 are for urban wage earners and clerical workers; beginning Jan. 1978, there are two indexes, all wage earners and clerical workers, revised (CPI-W), and all urban consumers (CPI-U). These indexes reflect improved pricing methods, updated expenditure patterns, etc.; complete details are available from the Bureau of Labor Statistics, Washington, D.C. 20212.

* New series. Earlier data are available from The Bureau of Labor Statistics, Washington, D.C. 20212.

† Beginning Jan. 1978, CPI-U.

Page S-7

1. Annual average computed by BEA.

§ For actual producer prices of individual commodities see respective commodities in the Industry section beginning p. S-22. All data subject to revision four months after original publication.

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

Includes data for items not shown separately.

‡ Effective Mar. 1980 SURVEY, data have been revised back to 1967 to reflect new seasonal factors. Effective Feb. 1981, data have been revised back to 1976 to reflect new seasonal factors.

* New series. Data back to 1975 will be shown in the 1979 BUSINESS STATISTICS.

Page S-8

1. Computed from cumulative valuation total.

2. Data shown here are based on 1980 seasonal factors. Effective Feb. 1981, data are no longer seasonally adjusted.

¶ Beginning Jan. 1979 SURVEY, monthly and annual data have been restated to reflect the purchasing power of the dollar as measured by finished goods; comparable data for periods prior to November 1977 will be shown in the 1979 BUSINESS STATISTICS.

‡ Beginning Jan. 1978, based on CPI-U; see note "¶" for p. S-6.

Includes data for items not shown separately.

§ Data for Jan., May, July, and Oct. 1980, and Jan. 1981 are for five weeks; other months four weeks.

@ Data for new construction have been revised back to Jan. 1975 and are available from the Bureau of the Census, Washington, D.C. 20233.

@@ Monthly revisions back to Jan. 1975 will be shown in the 1979 BUSINESS STATISTICS.

@@ Monthly data back to Jan. 1970 on the 1972=100 base will be shown in the 1979 BUSINESS STATISTICS.

Page S-9

1. Index as of Apr. 1, 1981: building, 305.5; construction, 321.4.

¶ Home mortgage rates (conventional first mortgages) are under money and interest rates on p. S-15.

§ Data include guaranteed direct loans sold.

@ Source: Media Records, Inc. 64-City Newspaper Advertising Trend Chart.

‡ Monthly data back to 1972 on the 1972=100 base are available upon request.

† Effective April 1981 SURVEY, wholesale trade data have been revised for Jan. 1973-Jan. 1981. Revised data are available upon request.

Page S-10

1. Advance estimate.

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

† Effective April 1981 SURVEY, retail trade data have been revised for the years 1971-1980. Effective April 1979 SURVEY, data have been revised from 1967-1970. Revised data and a summary of the changes are available from the Census Bureau, Washington, D.C. 20233.

Includes data for items not shown separately.

Page S-11

1. As of July 1.

2. The accounts receivable series have been discontinued.

Includes data for items not shown separately.

‡ Revisions for Jan. 1977-Oct. 1979 appear in "Current Population Reports," Series P-25, No. 870. Revisions for July-Dec. 1976 appear in "Populations: Estimates of the Population of the United States and Components of Change—1940-79," P-25 No. 802 (June 1979), Bureau of the Census.

† Effective July 1980 SURVEY, data have been revised based on March 1979 benchmark levels and updated seasonal adjustment factors; they are not comparable with previously published data. Effective Oct. 1979 SURVEY, data have been revised based on March 1978 benchmark levels and updated seasonal adjustment factors; effective Oct. 1978 SURVEY, data have been revised to conform to the 1972 SIC and adjusted to March 1977 benchmark levels, therefore, data are not strictly comparable with earlier periods. See "BLS Establishment Estimates Revised to March 1979 Benchmarks," in the July 1980 issue of *Employment and Earnings*. See also Oct. 1979 and Oct. 1978 issues of *Employment and Earnings* for similar articles.

¶ Effective with the Jan. 1980 SURVEY, the labor force series reflect new seasonal factors. Data have been revised back to 1975; comparable monthly data for 1975-79 appear in the Feb. 1980 issue of *Employment and Earnings*, U.S. Department of Labor, Bureau of Labor Statistics.

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

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- † See corresponding note on p. S-11.
- § Effective October 1978 SURVEY, includes data formerly shown separately under ordinance and accessories.
- @ Formerly shown as Electrical equipment and supplies.
- ¶ Production and nonsupervisory workers.
- ‡ This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

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- † See note "†" on p. S-11.
- § See note "§" on p. S-12.
- @ See note "@" on p. S-12.
- ‡ See note "‡" on p. S-12.
- ¶ Production and nonsupervisory workers.

Page S-14

- † See corresponding note on p. S-11.
- ¶ Production and nonsupervisory workers.
- ‡ Earnings in 1967 dollars reflect changes in purchasing power since 1967 by dividing by Consumer Price Index; effective Mar. 1979 SURVEY, data reflect new seasonal factors for the CPI.
- § Wages as of Apr. 1, 1981: Common, \$12.45; Skilled, \$16.13.
- @ Includes data for items not shown separately.
- ¶ Insured unemployment (all programs) data include claims filed under extended duration provisions of regular State laws; amounts paid under these programs are excluded from state benefits paid data.
- @@ Insured unemployment as a percent of average covered employment in a 12-month period.

Page S-15

1. Average for Dec.
2. Average for the year.
3. Daily average.
4. Beginning Jan. 1981, data are for top-rated only. Prior data cover a range of top-rated and regional dealer closing rates.
- # Includes data for items not shown separately.
- § For demand deposits, the term "adjusted" denotes demand deposits other than domestic commercial bank and U.S. Government, less cash items in process of collection; for loans, exclusive of loans to and Federal funds transactions with domestic commercial banks and include valuation reserves (individual loan items are shown gross; i.e. before deduction of valuation reserves).
- ¶ Adjusted to exclude domestic commercial interbank loans and Federal funds sold to domestic commercial banks.
- ‡ Data beginning Dec. 1978 reflect a reduction in the number of banks reporting (from 317 to 171) and changes in consolidation basis as well as content of several asset and liability items. Unless otherwise stated, comparable data for earlier periods will be available later.
- * New series. Beginning Dec. 1978, data are for all investment account securities; comparable data for earlier periods are not available.
- † Revised series. Data are now monthly averages and the coverage has been expanded. Comparable data back to Dec. 1972 are available from the Federal Reserve Board, Washington, D.C. 20551.
- ‡‡ Rates on the commercial paper placed for firms whose bond rating is Aa or the equivalent. Data through Oct. 1979 show a maturity for 120-179 days. Beginning Nov. 1979, maturity is for 180 days.
- @ Data through Oct. 1979 show a maturity for 150-179 days. Beginning Nov. 1979, maturity is for 180 days.

Page S-16

1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.
- † Beginning Jan. 1979 SURVEY, the consumer credit group has been completely restructured; comparable data for periods prior to Nov. 1977 are available from the Federal Reserve Board, Washington, D.C. 20551.
- # Includes data for items not shown separately.
- § The Department of Health, Education, and Welfare was redesignated as the Department of Health and Human Services by the Department of Education Organization Act. Data for the months Jan.-Apr. 1980 include 4,798 million dollars in outlays by the Department of Education.

Page S-17

1. Total for Jan.-May and Oct.-Dec.
- § Or increase in earmarked gold (-).
- † The Federal Reserve has redefined the monetary aggregates. The redefinition was prompted by the emergence in recent years of new monetary assets—for example, negotiable order of withdrawal (NOW) accounts and money market mutual fund shares—and alterations in the basic character of established monetary assets—for example, the growing similarity of and substitution between the deposits of thrift institutions and those of commercial banks. Monthly

data from 1959 to date are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington, D.C. 20551.

‡ Composition of the money stock measures is as follows:

M1-A.—This measure is currency plus demand deposits at commercial banks. It is essentially the same as the old M1 except that it excludes demand deposits held by foreign commercial banks and official institutions.

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

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

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

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

‡‡ Includes ATS and NOW balances at all institutions, credit union share draft balances, and demand deposits at mutual savings banks.

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

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

Includes data for items not shown separately.

Page S-18

1. Beginning Jan. 1981 data, U.S. Virgin Islands trade with foreign countries is included.
- § Number of issues represents number currently used; the change in number does not affect the continuity of the series.
- ‡ For bonds due or callable in 10 years or more.
- # Includes data for items not shown separately.
- @ Data may not equal the sum of the geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the component items.
- @@ Effective Feb. 1979 SURVEY, seasonally adjusted data have been revised to reflect sums of commodity components; comparable data for periods prior to 1977 will be shown in the 1979 BUSINESS STATISTICS.

Page S-19

1. See note 1 for p. S-18.
- # Includes data not shown separately.
- § Data may not equal the sum of geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the components.
- @ See note "@" for p. S-18.

Page S-20

1. See note 1 for p. S-18.
- # Includes data not shown separately.

Page S-21

1. Domestic trunk operations only (averaging about 90 percent of domestic total).
2. Annual total; quarterly or monthly revisions are not available.
3. Before extraordinary and prior period items.
4. For month shown.
5. Beginning Jan. 1979, data are based on a new sample of freight shipments for 1976. The new indexes have been linked to the old indexes to maintain comparability.
6. Beginning Jan. 1977, data are for unlinked passenger trips.
7. Beginning Jan. 1980 data, another company is included.
8. Data are for six months, Jan.-June 1980.
- # Includes data for items not shown separately.
- § Total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.
- ‡ Beginning Jan. 1977, defined as those having operating revenues of \$50 million or more.
- ¶ Average daily rent per room occupied, not scheduled rates.
- @ Beginning Jan. 1979, data include visits to Badlands and Theo. Roosevelt National Parks (formerly classified as recreational areas). Beginning Jan. 1980, data include visits to Channel Islands (formerly classified as a monument). Beginning June 1980, data include visits to Biscayne (formerly classified as a monument). Beginning Dec. 1980, data include visits to Katmai (formerly classified as a monument).

Page S-22

1. Reported annual total; monthly revisions are not available.
 2. Data withheld to avoid disclosing operations of individual companies.
 3. Beginning Jan. 1979, data include chemically-treated fertilizer and sodium nitrate containing over 16.3% nitrogen by weight; not strictly comparable with data shown for earlier periods.
 4. Annual total for monthly data where available; not comparable with earlier periods.
 5. See note "¶" for this page.
 6. Data beginning Jan. 1979 are for value of shipments and comprise three new product categories. Comparable data for these new categories are not available prior to Jan. 1979. However, the difference between total value of shipments and total factory sales (formerly shown) is considered statistically insignificant. Annual data for 1979 reflect revisions not distributed to the months.
 7. Beginning Jan. 1981, data represent gross weight (formerly phosphoric acid content weight) and are not comparable with data shown for earlier periods.
- # Includes data for items not shown separately.
- § Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.
- ‡ Monthly revisions, back to 1975 for some commodities, will be shown in the 1979 BUSINESS STATISTICS.
- @ Monthly revisions for Oct. 1976-Feb. 1978 will be shown in the 1979 BUSINESS STATISTICS.
- ¶ Data for Jan. 1977-June 1979 exclude potassium magnesium sulfate; not strictly comparable with those shown for other periods.

Page S-23

1. Includes Hawaii; not distributed to the months.
 2. Reported annual total, including Hawaii; monthly data are preliminary and subject to change.
- § Data are not wholly comparable from year to year because of changes from one classification to another.
- @ Monthly revisions, for some series back to 1976, will be shown in the 1979 BUSINESS STATISTICS.

Page S-24

1. See note "@@" for this page.
 2. Crop estimate for the year.
 3. Stocks as of June 1.
 4. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year).
 5. Previous year's crop; new crop not reported until Oct. (beginning of new crop year).
 6. Data are no longer available.
- § Excludes pearl barley.
- # Bags of 100 lbs.
- ¶ Revised crop estimates for 1970-75 will be shown in the 1979 BUSINESS STATISTICS.
- @ Monthly revisions, for some series back to 1976, will be shown in the 1979 BUSINESS STATISTICS.
- @@ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).

Page S-25

1. Average for 11 months; price not available for Dec.
 2. Prices for Jan.-Mar. 1979 are estimated; actual price not available. Annual average for 1979 is based on actual price (Apr.-Dec.).
 3. Average for nine months; index not available for Apr.-June.
- § Cases of 30 dozen.
- ¶ Bags of 132.276 lbs.
- ‡ Monthly revisions back to Jan. 1975 will be shown in the 1979 BUSINESS STATISTICS.
- @ Monthly revisions back to 1976 will be shown in the 1979 BUSINESS STATISTICS.
- # Effective Apr. 1981 SURVEY, the wholesale price of smoked hams has been discontinued and has been replaced with the comparable price index. Annual indexes prior to 1979 and monthly indexes prior to Feb. 1980 are available upon request.

Page S-26

1. Beginning Sept. 1979, estimated prices are derived from a different source and are not comparable with those shown for earlier periods. Annual average for 1979 represents Sept.-Dec.
 2. Crop estimate for the year.
- § Monthly data reflect cumulative revisions for prior periods.
- @ Producers' and warehouse stocks.
- ¶ Factory and warehouse stocks.

Page S-27

1. Average for Jan.-May.
 2. Annual total; monthly revisions are not available.
 3. Average for July-Dec.
 4. Average for Jan.-Aug.
- # Totals include data for types of lumber not shown separately.

Page S-28

1. Annual data; monthly revisions not available.
2. Less than 500 short tons.
3. Effective Jan. 1980, data are no longer available.

Page S-29

1. Annual data; monthly revisions are not available.
2. For month shown.
3. Copper refinery production from domestic and foreign ores are not shown to avoid disclosing information for individual firms. The source reports 79,039 metric tons of domestic ores and 14,623 metric tons of foreign ores for the period July-Sept. 1980.

Page S-30

1. Data beginning Jan. 1978 exclude stocks of lead base bullion in transit and at refineries.
 2. Less than 50 tons.
 3. Data are for five weeks; other months 4 weeks.
 4. For month shown.
 5. Data withheld to avoid disclosing information for individual companies in the 4th quarter of 1979. Annual total for 1979 is the sum of available data.
 6. Effective July 1980 SURVEY, data are revised and shown on a new base. Revised data are not comparable to previously published data.
- ¶ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
- @ All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.
- ‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.
- # Includes data not shown separately.
- † Revised series. The sample size has been restored to 100 firms and the base has been changed to 1977=100.
- * New series. These indexes are based on shipments of hydraulic and pneumatic products reported by participating members of the National Fluid Power Association. Data back to 1959 are available upon request.

Page S-31

1. Reflects revisions not available by months.
 2. Effective Jan. 1980, total stocks for bituminous coal and lignite exclude residential and commercial stocks and are not comparable with data shown for earlier periods.
 3. Data are available back to Oct. 1977.
 4. Beginning Jan. 1979, data reflect coverage of additional processing facilities; not strictly comparable with data shown for earlier periods.
- # Includes data for items not shown separately.
- @ Beginning July 1977, data include shipments to mobile home and travel trailer manufacturers (formerly excluded); they are not directly comparable with data for earlier periods.
- * New series. Annual data prior to 1978 and monthly data prior to April 1979 are available upon request.
- ¶ Includes nonmarketable catalyst coke.
- ¶ Includes small amounts of "other hydrocarbons and hydrogen refinery input," not shown separately.

Page S-32

1. Less than 50 thousand barrels.
 2. See note 4 for p. S-31.
 3. Reported annual totals; revisions not allocated to the months.
 4. See note "¶" for this page.
- ¶ Prices are mid-month, include taxes, and represent full service; comparable prices prior to Jan. 1979 are not available.
- # Includes data for items not shown separately.
- * New series. See note "¶" for this page.

Page S-33

1. Reported annual total; not distributed to the months.
 2. Effective Jan. 1980, data are no longer available.
 3. Average for 11 months; no price for Aug.
- ¶ Consumption by 525 daily newspapers reporting to the American Newspaper Publishers Association.
- § Monthly data are averages of the 4-week periods ending on the Saturday nearest the end of the month; annual data are as of Dec. 31.
- ‡ Data are monthly or annual totals. Formerly weekly averages were shown.

Page S-34

1. Reported annual total; revisions not allocated to the months.
 2. Crop for the year.
 3. Data cover five weeks; other months, four weeks.
 4. Cumulative total for the 1980 crop.
 5. Data are not available prior to Jan. 1980.
- * New series. Data for finishing mills have replaced data for weaving mills, which are no longer available.
- # Includes data for items not shown separately.
- ¶ Cumulative ginnings to the end of month indicated.
- § Bales of 480 lbs.

Page S-35

1. Effective Jan. 1, 1978, includes reexports, formerly excluded.
2. Effective 1st quarter 1977, data are not directly comparable with earlier periods.
3. Average for crop year; Aug. 1-Jul. 31.
4. For five weeks; other months four weeks.
5. Monthly average.
6. Average for 11 months; no price for Oct.
7. Less than 500 bales.
- § Bales of 480 lbs.

¶ Based on 480-lb. bales, preliminary price reflects sales as of the 15th; revised price reflects total quantity purchased and dollars paid for the entire month (revised price includes discounts and premiums).

Includes data not shown separately.

@ Effective Apr. 1979 SURVEY, data include 600 additional firms; comparable data back to Jan. 1977 (except for slacks, jean cut, casual, shown on p. S-36) will appear in the 1979 BUSINESS STATISTICS.

Page S-36

1. Annual total includes revisions not distributed to the months.
2. Estimates of production, not factory sales.
3. Effective Jan. 1980, passenger vans previously reported as passenger cars are now included with trucks.
4. Excludes one state.
5. Excludes two states.
6. Excludes three states.
7. Excludes four states.
8. Effective Jan. 1979, data are not directly comparable with earlier periods because of the inclusion of Volkswagens produced in the U.S.
- @ See note "@" p. S-35.
- # Total includes backlog for nonrelated products and services and basic research.
- § Domestics comprise all cars assembled in the U.S. and cars assembled in Canada and imported to the U.S. under the provisions of the Automotive Products Trade Act of 1965. Imports comprise all other cars.
- ¶ Courtesy of R.L. Polk & Co.; republication prohibited.
- ‡ Excludes railroad-owned private refrigerator cars and private line cars.

Discontinuation of WEEKLY BUSINESS STATISTICS

Publication of WEEKLY BUSINESS STATISTICS, which had provided a weekly update of major series published in the Current Business Statistics section of the SURVEY, has been discontinued.

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Wood pulp.....	32
Wool and wool manufactures.....	35

Zinc.....	30
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OFFICIAL BUSINESS



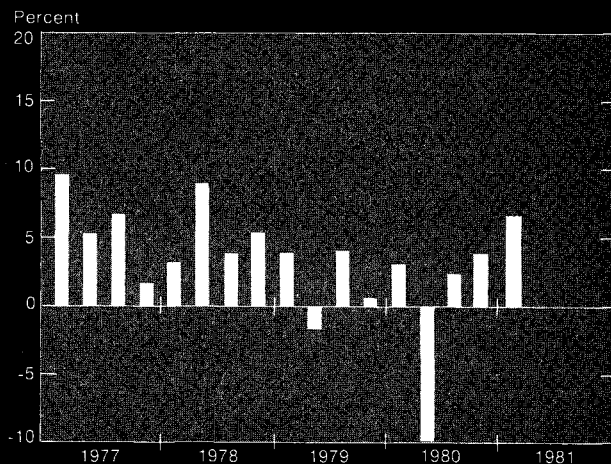
POSTAGE AND FEES PAID
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Second Class Mail
209

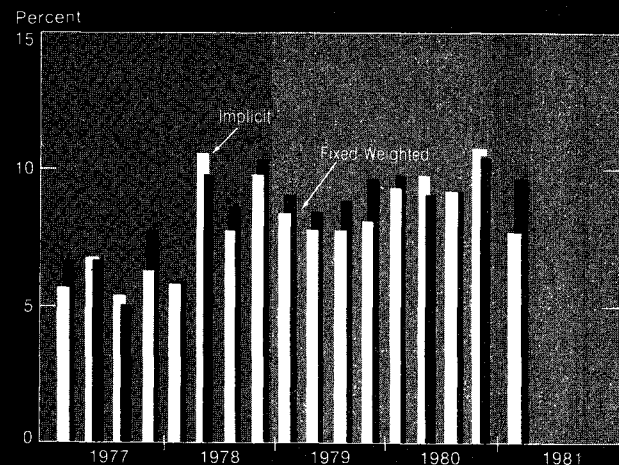
In the first quarter

- Real GNP increased $6\frac{1}{2}$ percent
- GNP fixed-weighted price index increased 10 percent
- Real disposable personal income increased $2\frac{1}{2}$ percent

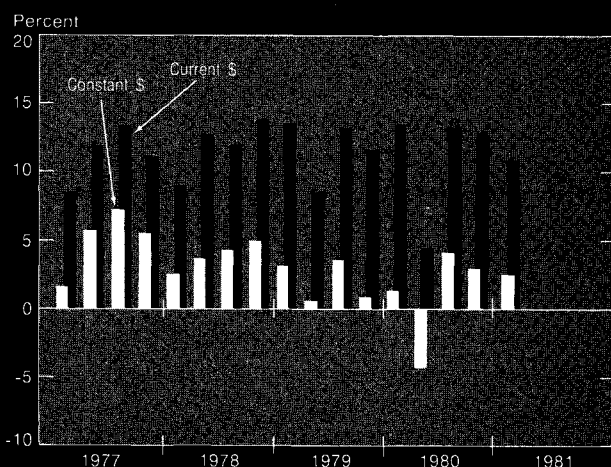
Real GNP



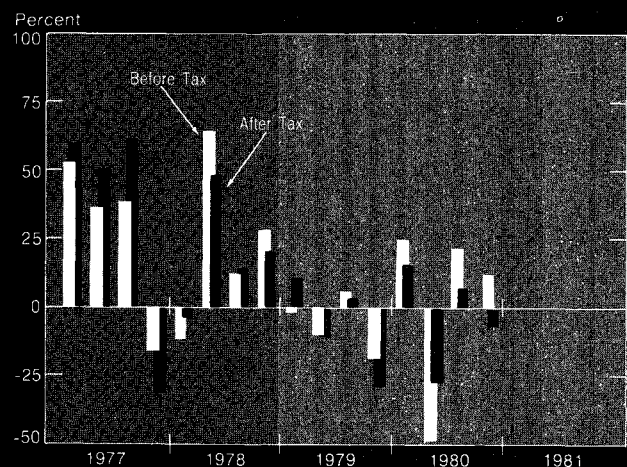
GNP Prices



Disposable Personal Income



Corporate Profits With IVA and CCAAdj



Percent change from preceding quarter, seasonally adjusted at annual rates