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OF COMMERCE**

Office of
Business
Economics



SURVEY OF CURRENT BUSINESS



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the BUSINESS SITUATION

The available evidence bearing on developments in July includes a strong rise in housing starts but otherwise suggests the persistence of generally slack demand conditions. The picture of the second quarter as reflected in the national income and product accounts has been rounded out by new data showing corporate profits little changed and the Federal deficit up sharply.

HOUSING starts registered a strong further increase in July, centered in multi-family construction, but the other available evidence suggests the persistence of generally slack demand conditions. Labor markets continued to show weakness, income growth was modest, industrial production was little changed, and the weekly retail sales data suggest a small gain following losses in May and June. The picture of the second quarter as reflected in the national income and product accounts has been rounded out by new data on corporate profits and the Federal deficit, and a somewhat clearer view has emerged of recent changes in productivity and cost-price relationships.

Corporate profits

The second quarter saw little change in the book profits of corporations. As estimated on the basis of preliminary data, before-tax book profits were at an annual rate of \$82¼ billion (seasonally adjusted), down fractionally from the first quarter but \$11 billion below the record established in the first two quarters of 1969. The decline in this year's first quarter was a steep \$6 billion,

accounting for more than half of the total drop from the peak reached last year.

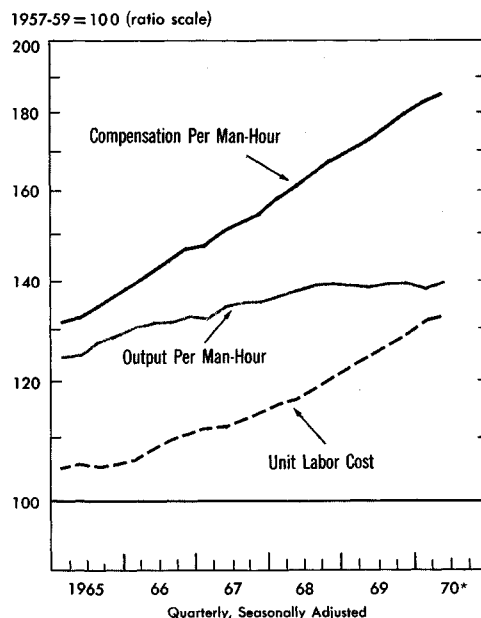
Manufacturers' book profits increased somewhat in the second quarter, reflecting higher earnings in the automobile and electrical equipment industries. Profits in the latter industry rebounded after having been depressed by the prolonged strike at General Electric. Aside from those two industries, profits in manufacturing were generally down in the second quarter and declines were the rule in nonmanufacturing industries as well.

The fractional decline in pretax profits was carried through into an equivalent decline in profits after tax and, with dividend payments little changed, into a decline in retained earnings as well. In the first quarter, when pretax profits fell \$6 billion, the after-tax impact was cushioned somewhat by the net effect of the provisions of the Tax Reform Act of 1969, which included reduction of the tax surcharge as of January 1. (The surcharge was completely eliminated at midyear. However, this will not affect the third quarter behavior of profits tax liability as estimated in the national income accounts, because the full-year effect of the reductions was allowed for in the estimates beginning with the first quarter.) Undistributed profits in the first and second quarters, at an annual rate of just over \$19 billion, were lower than at any time since 1963, the year prior to the initial step of the tax reduction provided under the Revenue Act of 1964. In the intervening period, capital consumption allowances (mainly depreciation charges) have of course grown very substantially, so that cash flow after dividends is much larger than it was in 1963.

The book value measure of profits includes gains or losses resulting from differences between the replacement cost of goods taken out of inventory and the cost at which they are charged to production. These inventory profits or losses are excluded from the profits component of national income, an aggregate which is intended to measure the earnings of labor and property arising from current production. The amount of book profit thus excluded

**Productivity and Labor Cost
in the Private Economy**

CHART 1



*2d quarter preliminary.

Data: BLS

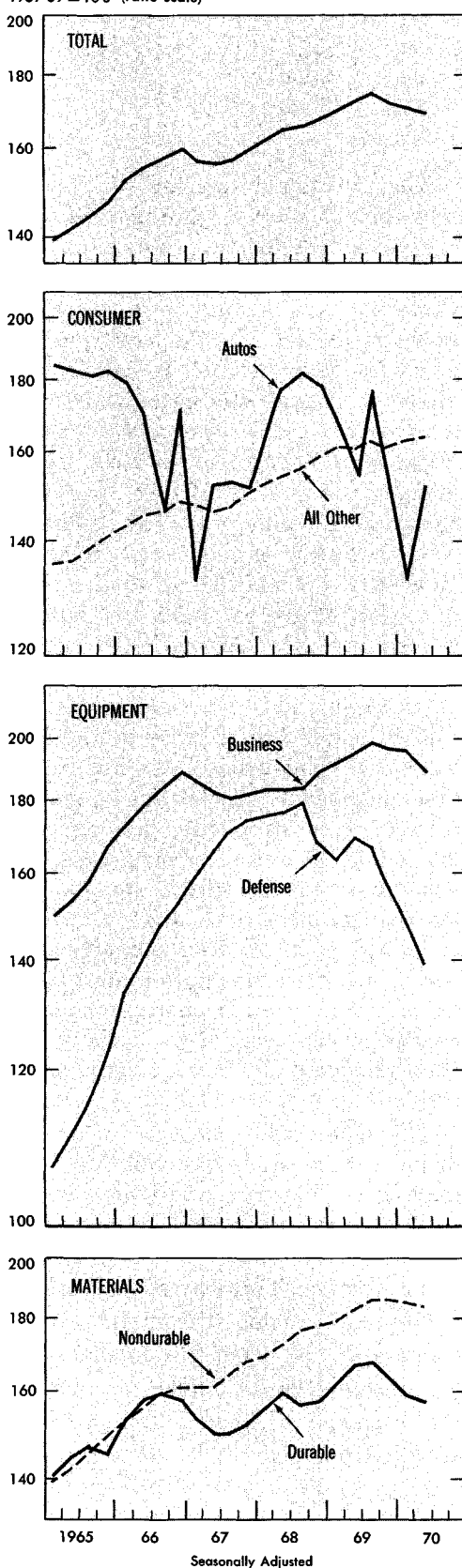
U.S. Department of Commerce, Office of Business Economics

70-8-1

CHART 2

Industrial Production

1957-59 = 100 (ratio scale)



Data: FRB. Indexes for defense equipment and consumer goods excluding autos calculated by OBE from FRB data.

U.S. Department of Commerce, Office of Business Economics

70-8-2

was smaller in the second quarter than in the first, and profits on the national income basis consequently rose about \$1 billion to an annual rate of \$77½ billion.

Federal deficit up sharply

The sluggishness of the economy held second quarter Federal receipts to a level barely above the first quarter figure. Spending was sharply boosted, however, by increases in both social security benefits and the salaries of Federal employees. As measured in the national income accounts, the Federal deficit jumped from \$1¼ billion in the first quarter to a record \$14¼ billion in the second. The shift from a year earlier was very large: In last year's second quarter, the budget was \$13½ billion in surplus.

The second quarter rise in expenditures on the NIA basis was more than \$13 billion, almost all of it the result of the increases in social security benefits and and Federal pay rates. Both increases were retroactive to the beginning of the year, and about \$5¼ billion of the second quarter spending rise resulted from the one-time payment of the amounts due retroactively. The permanent upward shift in spending resulting from the increased benefits and pay amounted to almost \$7 billion. Excluding the impact of these measures, the aggregate of other expenditures rose only about \$1 billion, with large gains in grants-in-aid and transfer payments more than outweighing a decline in defense spending.

Another large deficit is being registered in the current quarter. While the retroactive payments made in the second quarter were nonrecurring, and are thus absent from third quarter spending, the impact of this factor on the deficit is being offset by reduced personal income taxes resulting from elimination of the surcharge (about \$3¼ billion) and higher personal tax exemptions (about \$1¼ billion). Other fiscal actions, such as the new retroactive postal pay raise, additional taxes on airplane tickets, and higher social insurance contributions under the program of supplementary medical in-

surance for the aged, have on balance little effect on the deficit.

Productivity and labor cost

Revised estimates of GNP confirm that there was no significant change in the second quarter in the real volume of national output. In constant dollars, second quarter GNP showed a very small gain—about one-half of 1 percent at an annual rate—which is within the margin of measurement error in these calculations. The GNP revisions were quite small, and leave unchanged the picture of second quarter developments that was presented in last month's issue of the SURVEY.

The nonfinancial corporate sector of the economy, which accounts for more than one-half of GNP, registered a further small decline in real output in the second quarter. However, there was a small improvement in profit margins, i.e., profit per unit of real output, after two quarters of steep decline, and this had a favorable impact on total dollar profits. The principal factor in the improvement of margins was a marked slowdown in the rise of labor costs per unit of output. This presumably reflected a gain in manhour productivity, since it was clear during the quarter that the workforce was being substantially trimmed; it may also have been related to some slowing in the rise of hourly compensation.

For the private economy as a whole, available estimates do indicate a second quarter slowdown in the rise of compensation per manhour. At the same time, a substantial reduction in aggregate manhours resulted in a significant recovery of productivity following a sizable decline in the first quarter (chart 1). These developments removed a large part of the upward pressure on unit labor costs, and the quarter's rise in labor cost per unit of output was quite modest.

It appears that the moderation in the rise of hourly compensation was due in large part to widespread cutbacks in overtime work and to the fact that the economic slowdown, and the resultant adjustment in employment, have been concentrated—as is typical—in indus-

tries such as durables manufacturing where pay rates are relatively high.

In the case of negotiated wage settlements, there has not been any noticeable reaction to the slackening of labor demand. While major contract settlements affect only a rather small segment of the labor force, they are highly visible and tend to set a pattern for subsequent negotiations. Major settlements in the first half provided a mean increase of 9½ percent per year in base hourly earnings over the life of the contract, compared with a mean 7½ percent negotiated in 1969. There was a much sharper jump in the size of the increase provided in the first year of new contracts. Contract settlements in manufacturing were in general about in line with those negotiated last year, but sharply larger increases were obtained by workers in nonmanufacturing industries, especially construction and trucking.

Capital spending determinants

A desire to offset the pressure of rising labor costs has been an important factor behind the strong expansion of capital spending in recent years. This factor remains relevant, and a basic desire for more efficient capacity persists in many industries. Nevertheless, the pronounced slack in the economy, the squeeze on profits and liquidity, and the continued high cost of credit naturally raise some question about the outlook for capital spending. The survey taken in May by OBE and the Securities and Exchange Commission found first quarter spending well below expectations, and downward revisions in plans for the rest of the year. Further downward revisions would not be altogether surprising.

As is typical, the economic slowdown has had a particularly heavy impact on manufacturing. The decline in the Federal Reserve industrial production index, which principally measures manufacturing output, reflects a slackening demand across all the major market sectors (chart 2). The index registered a very slight rise in July, which just offset the June decline. Equipment output continued to drop and auto pro-

duction stabilized after two months of strong gains; output of other consumer goods and of materials increased somewhat.

From the peak in last year's third quarter to the second quarter of this year, the index of manufacturing output dropped almost 4 percent, or about 5 percent at an annual rate; over the same period, manufacturing capacity was estimated to be expanding at an annual rate of about 5 percent. The utilization rate has therefore fallen steeply. By the second quarter it was as low as it had been in nearly a decade, down to 77.9 percent, compared with 84.5 percent in last year's first half and over 90 percent during 1966.

Employment and income in July

The civilian labor force declined in May and June and in the latter month was at its lowest level since last December. In July, however, a large gain put the labor force (seasonally adjusted) back at the March-April level. There was a substantial rise in the number of employed workers and a large increase as well in the number unemployed. The unemployment rate, which had dropped

back in June to 4.7 percent, returned to 5 percent in July.

The July decline in employment in nonfarm establishments was more in line with recent trends than was the estimated rise in total labor force employment. The number of workers on establishment payrolls dropped 143,000, seasonally adjusted, marking the fourth consecutive monthly decline. The drop would have been larger in the absence of a net gain of about 50,000 due to a reduction in the number of workers on strike. The weakness in July, as in June, was spread widely through both the manufacturing and nonmanufacturing sectors. Employment in the service industries, which had been growing steadily, fell in both months, and employment in trade also declined. Federal employment dropped again in July, though by less than in the previous two months; the July decline was partly the result of a further reduction in the number of temporary Census workers.

Personal income rose \$3½ billion in July at a seasonally adjusted annual rate. The month was the first since March in which the change in personal

Table 1.—Change in Personal Income

[Billions of dollars, seasonally adjusted annual rate]

	Feb.	Mar.	Apr.	May	June	July
Total	3.7	6.1	18.4	-6.3	-1.5	3.6
Wages and salaries.....	1.6	3.9	4.9	.6	-2.4	1.9
Manufacturing.....	- .8	1.3	-1.3	- .8	.3	.0
Other private.....	2.0	2.1	- .5	1.0	1.0	1.6
Government.....	.4	.5	6.7	.4	-3.7	.3
Retroactive.....	-	-	3.8	.0	-3.8	-
Other.....	.4	.5	2.9	.4	.1	.3
Transfer payments.....	.9	1.4	13.0	-7.5	1.0	.5
Retroactive.....	.9	-	8.2	-8.2	-	-
Other.....	-	1.4	4.8	.7	1.0	.5
Dividends.....	.1	.0	.0	.1	-.6	.5
Other components*.....	1.1	1.0	.7	.4	.6	.8
Memorandum:						
Total excl. retroactive payments.....	3.7	6.1	6.4	1.9	2.3	3.6

*Rent, interest, proprietors' income, other labor income.

Total change is net of personal contributions for social insurance, not shown separately.

(Continued on page 44)

ERRATA

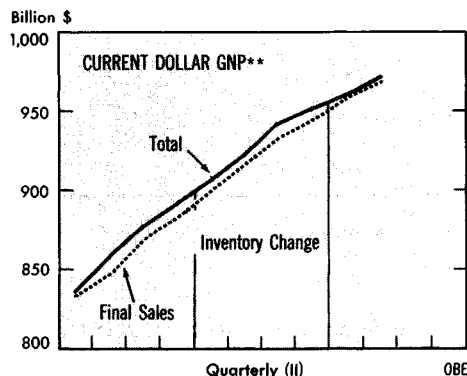
Correct values are shown here (in millions of dollars) for certain lines in table 1, page 52, in "International Travel and Transportation," SURVEY, July 1970.

1966: line 8, 4198; line 9, 1590; line 15, 1381; line 21, 1590

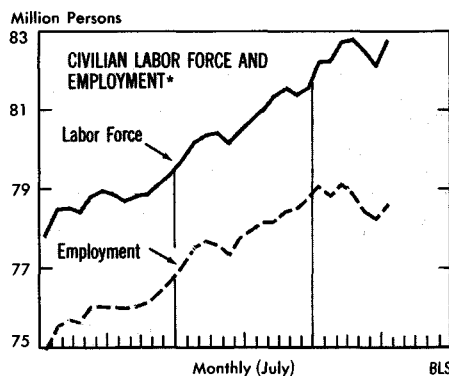
1968: line 24, 2035

- Second quarter increase in GNP now estimated at \$11½ billion
- In July: Employment in nonfarm establishments down further, unemployment rate back up to 5 percent
- Industrial prices moderately higher, but total wholesale index up sharply

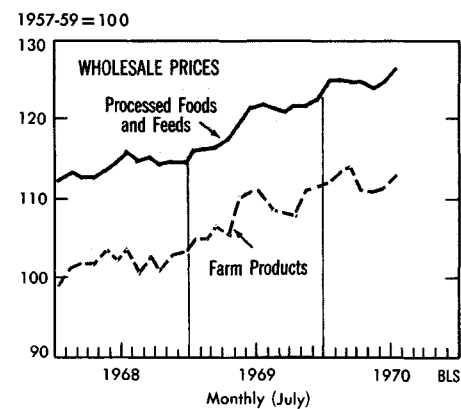
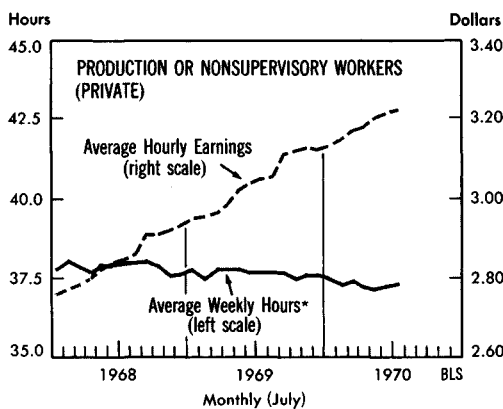
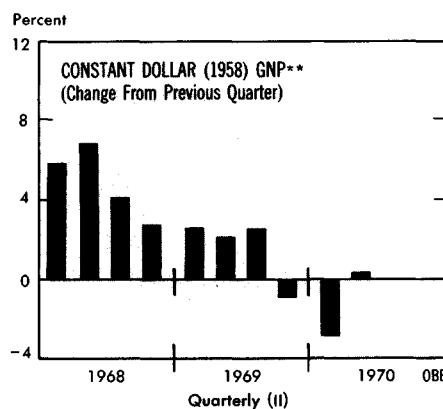
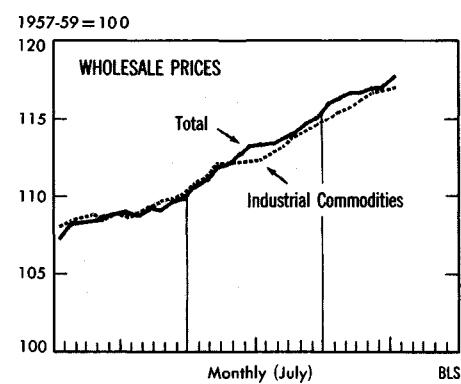
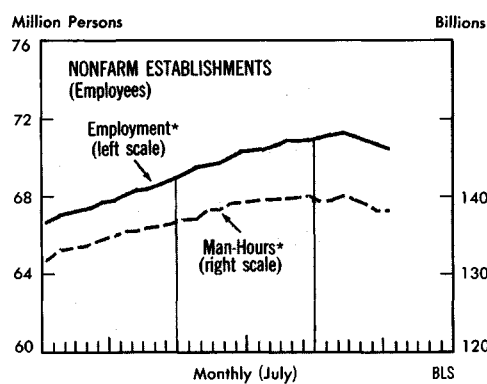
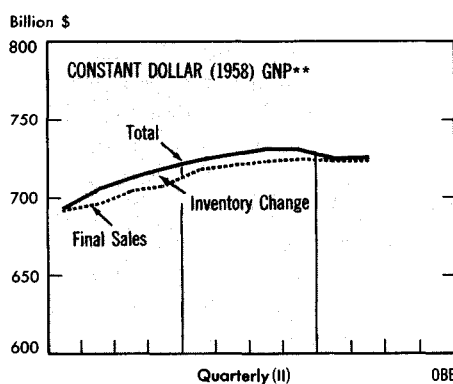
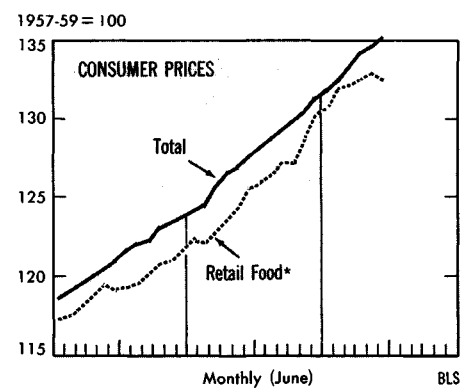
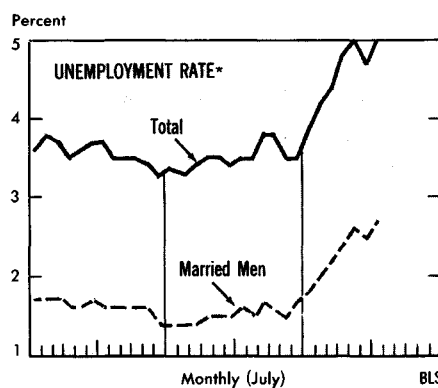
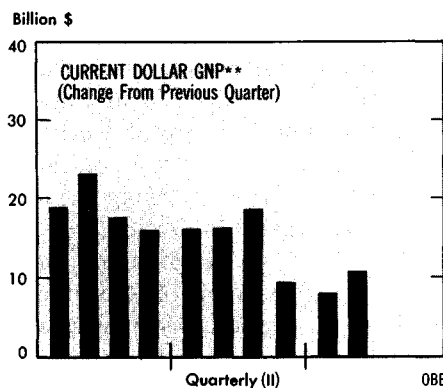
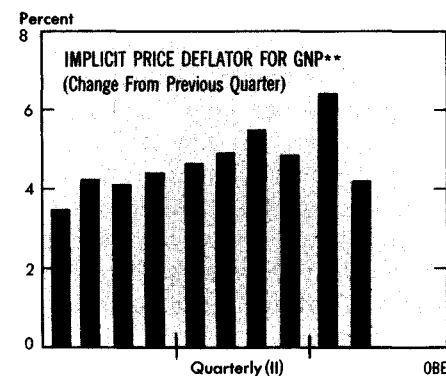
TOTAL PRODUCTION



THE LABOR MARKET



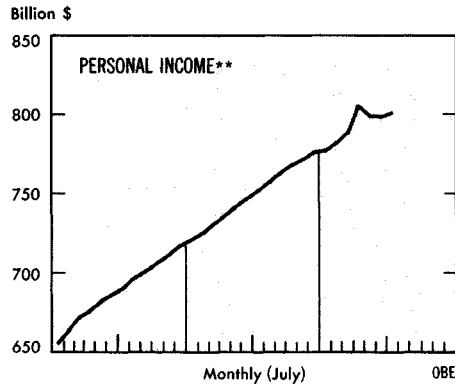
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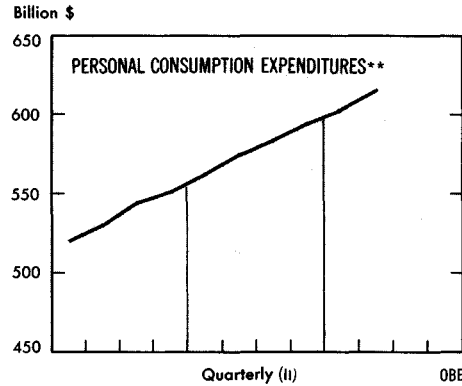
* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
U.S. Department of Commerce, Office of Business Economics

- In July: Personal income increased \$3½ billion
- Sales of domestic-type cars declined, but import sales continued to grow
- Housing starts rose 11 percent in June while permits dropped slightly

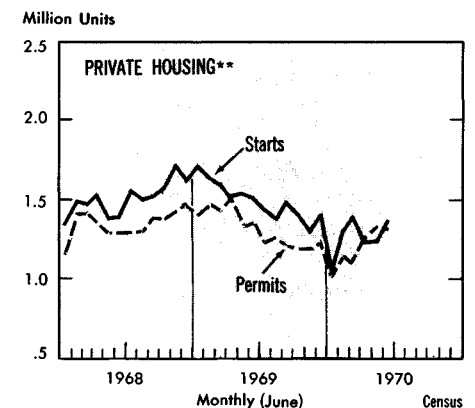
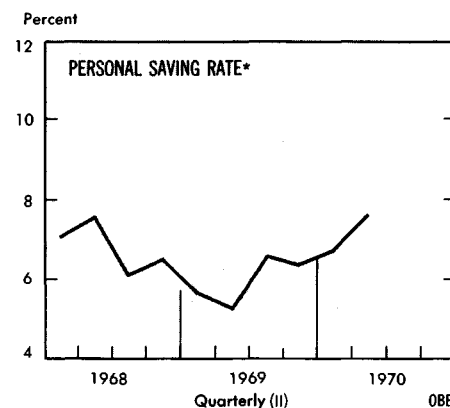
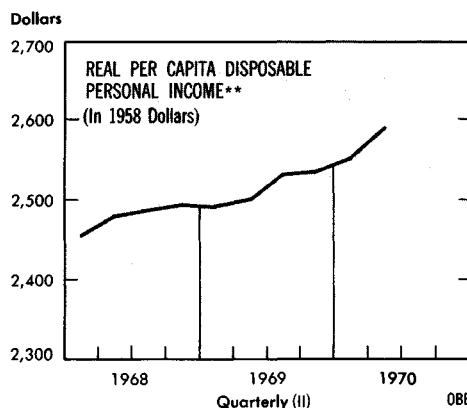
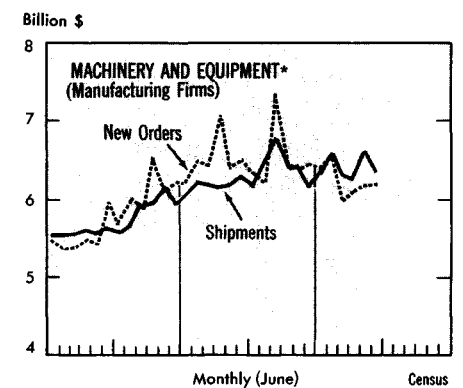
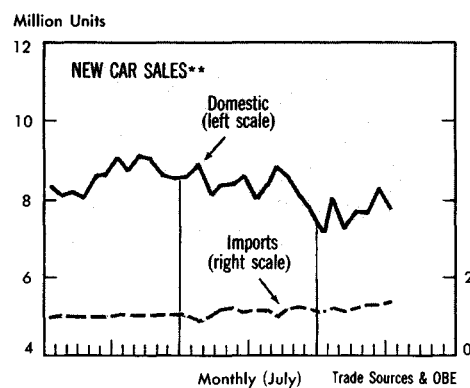
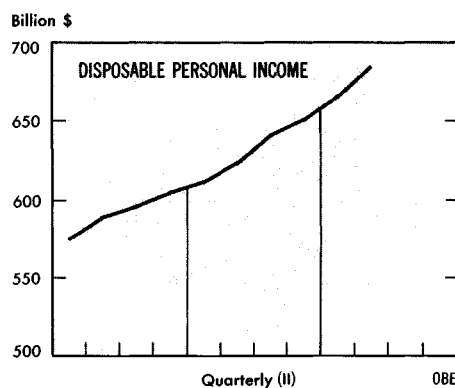
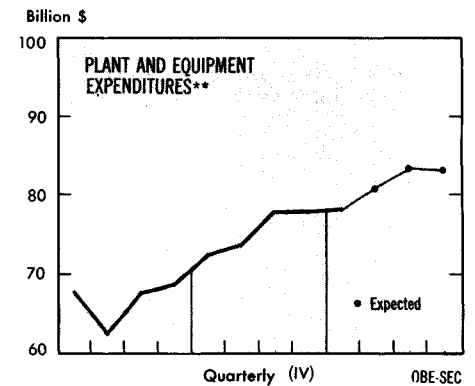
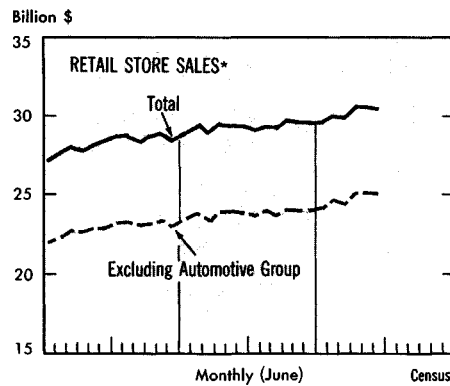
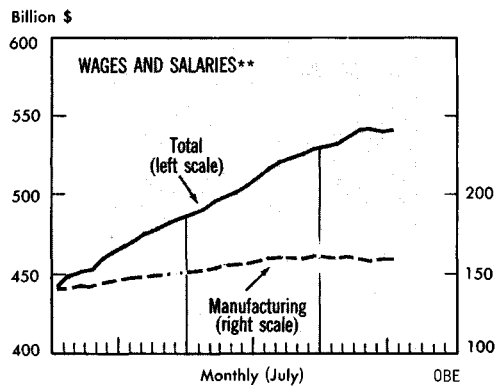
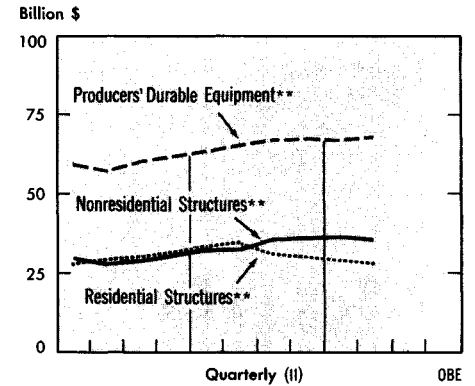
INCOME OF PERSONS



CONSUMPTION AND SAVING



FIXED INVESTMENT

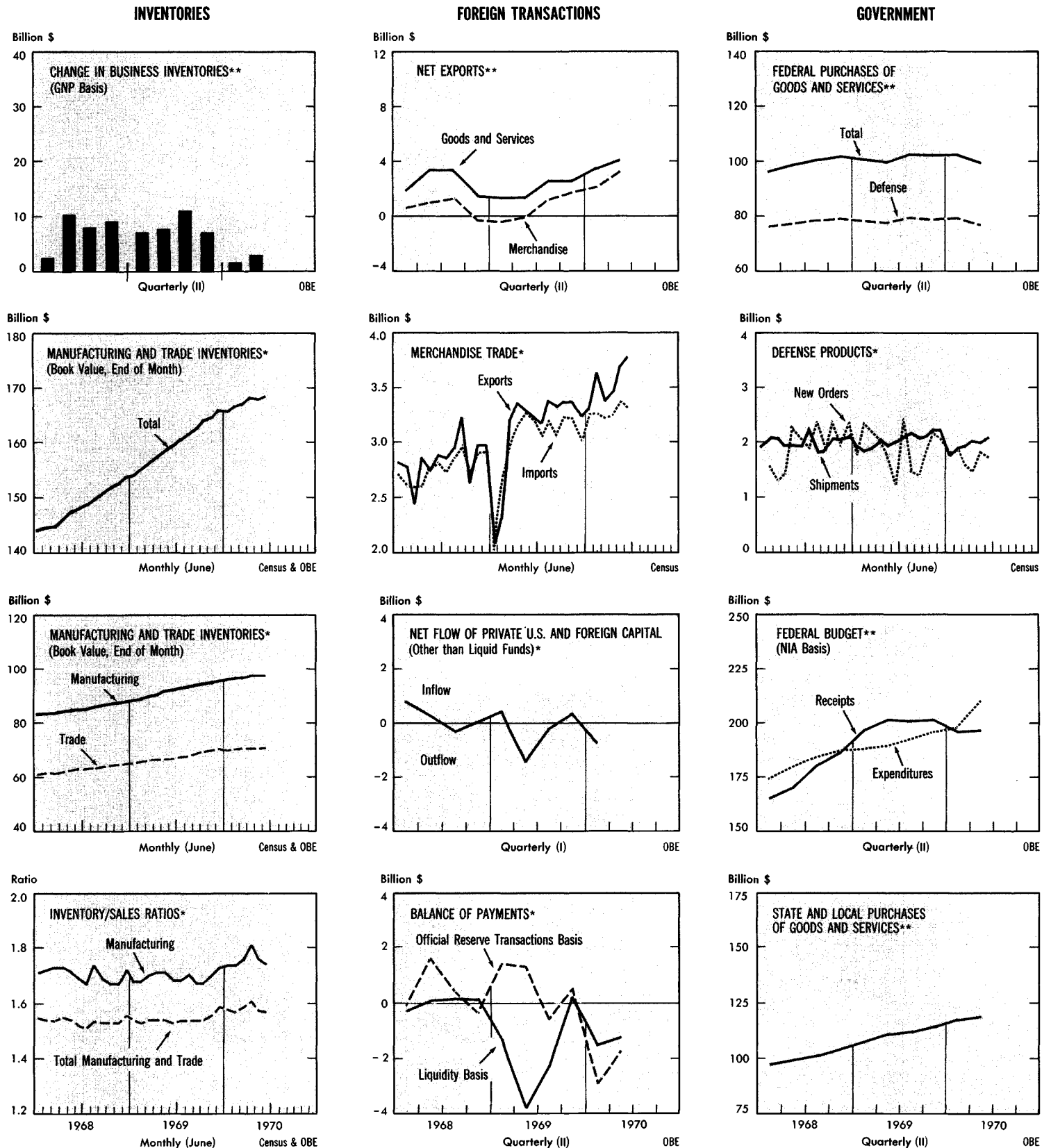


* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates

U.S. Department of Commerce, Office of Business Economics

70-8-4

- Manufacturing inventories down in June, trade inventories up
- In the second quarter: Balance of payments deficit somewhat smaller on both liquidity and official bases
- Federal receipts little changed, expenditures and deficit up substantially

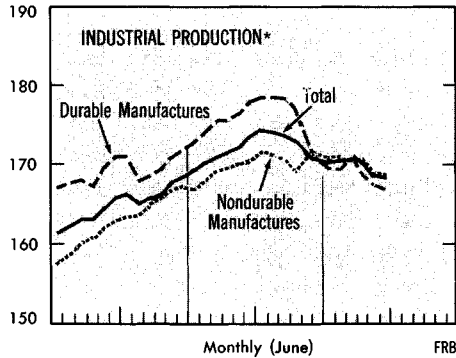


* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
U.S. Department of Commerce, Office of Business Economics

- In the second quarter: Manufacturing capacity utilization dropped further
- Corporate profits (before taxes and including IVA) rose \$1 billion
- Productivity increased, rise in unit labor cost slowed

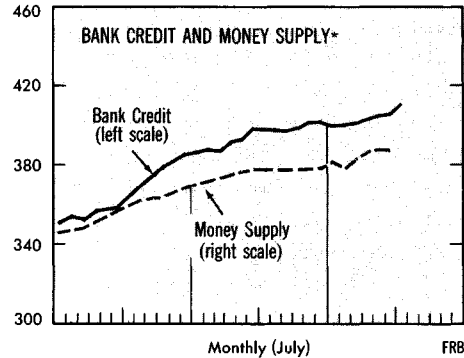
INDUSTRIAL PRODUCTION

1957-59 = 100



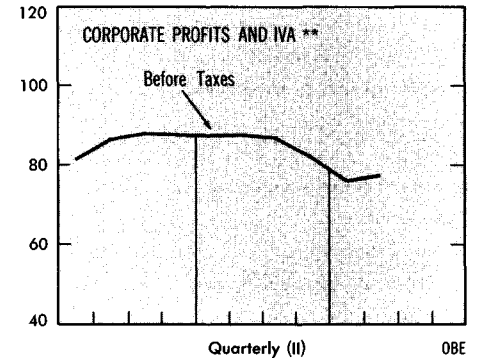
MONEY, CREDIT, AND SECURITIES MARKETS

Billion \$

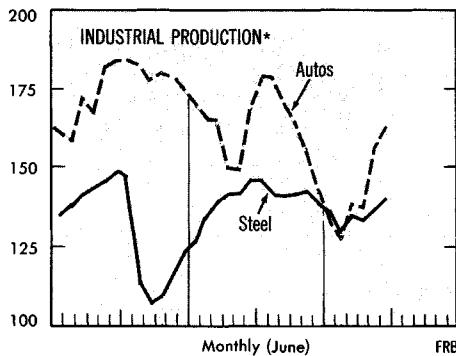


PROFITS AND COSTS

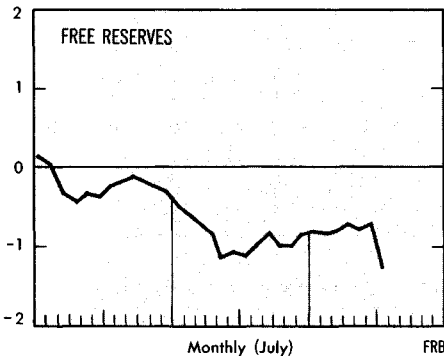
Billion \$



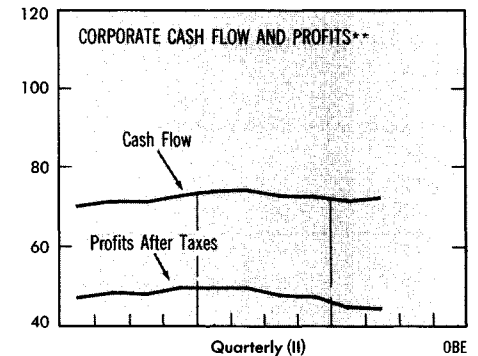
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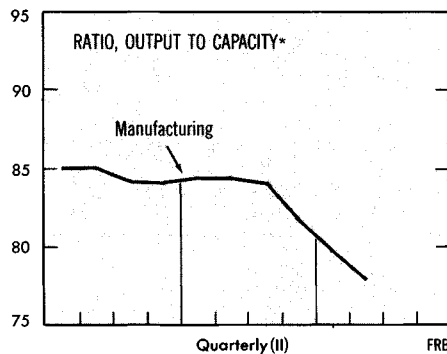
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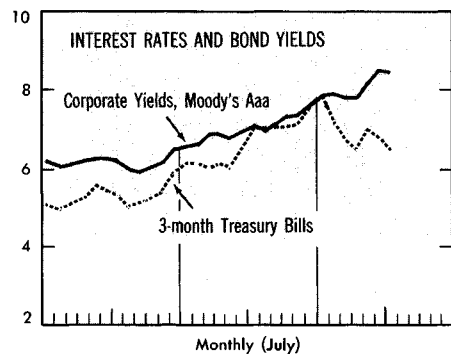
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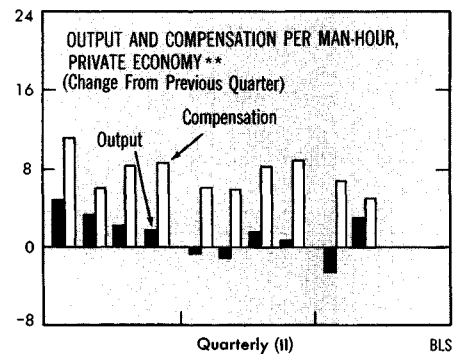
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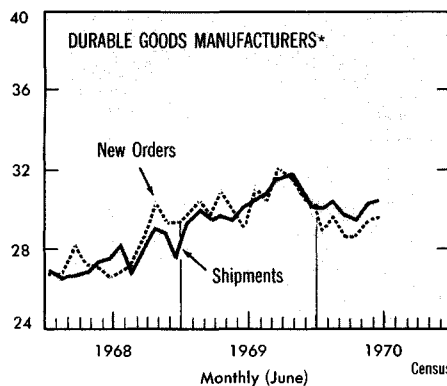
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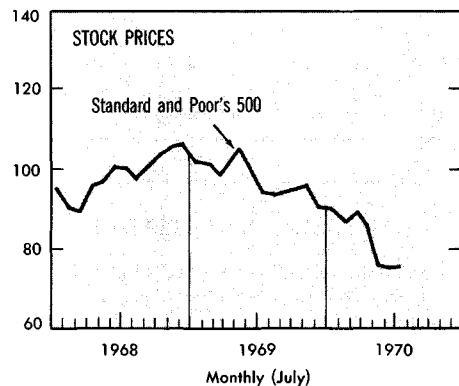
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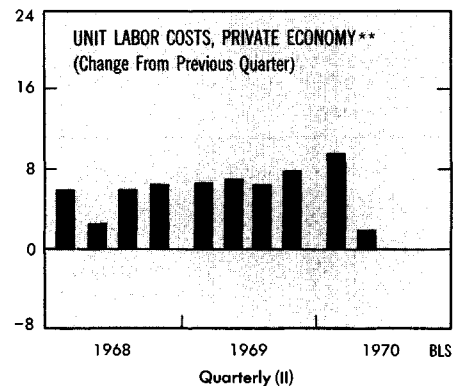
Billion \$



1941-43 = 10



Percent



* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
U.S. Department of Commerce, Office of Business Economics

NATIONAL INCOME AND PRODUCT TABLES

	1968	1969	1969				1970		1968	1969	1969				1970	
			I	II	III	IV	I	II			I	II	III	IV	I	II
	Seasonally adjusted at annual rates								Seasonally adjusted at annual rates							
Billions of current dollars								Billions of 1958 dollars								

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

Gross national product.....	865.0	931.4	907.6	923.7	942.6	951.7	959.5	971.1	707.2	727.1	722.1	726.1	730.9	729.2	723.8	724.9
Personal consumption expenditures.....	535.8	577.5	561.8	573.3	582.1	592.6	603.1	614.4	452.3	467.7	463.3	467.1	468.7	471.7	474.0	478.1
Durable goods.....	84.0	90.0	89.1	90.6	89.5	90.8	89.1	91.9	81.4	84.9	84.9	85.7	84.1	84.9	82.7	84.9
Nondurable goods.....	230.2	245.8	239.2	244.0	248.1	252.0	258.8	262.6	196.5	201.2	199.7	200.9	201.9	202.4	205.6	206.6
Services.....	221.6	241.6	233.5	238.7	244.5	249.8	255.2	259.9	174.4	181.6	178.7	180.5	182.7	184.4	185.8	186.6
Gross private domestic investment.....	126.5	139.8	136.0	139.3	143.8	140.2	133.2	134.3	105.7	111.3	109.7	111.5	114.1	110.0	102.9	103.1
Fixed investment.....	118.9	131.4	128.7	131.4	132.4	133.0	131.6	131.2	98.8	104.1	103.6	104.8	104.2	103.9	101.5	100.1
Nonresidential.....	88.7	99.3	95.7	97.5	101.5	102.6	102.6	102.8	75.5	80.8	79.3	80.2	81.9	82.1	80.9	80.2
Structures.....	29.6	33.8	32.6	32.3	35.2	35.1	35.7	35.3	22.7	24.0	23.8	23.1	24.6	24.3	24.4	23.5
Producers' durable equipment.....	59.1	65.5	63.1	65.2	66.3	67.5	66.9	67.5	52.7	56.9	55.4	57.0	57.3	57.8	56.5	56.7
Residential structures.....	30.3	32.0	33.0	33.9	31.0	30.4	29.1	28.4	23.3	23.3	24.3	24.7	22.3	21.8	20.7	20.0
Nonfarm.....	29.7	31.5	32.4	33.3	30.4	29.8	28.4	27.8	22.9	22.8	23.9	24.2	21.8	21.4	20.2	19.5
Farm.....	.5	.6	.5	.6	.6	.6	.6	.6	.4	.4	.4	.4	.4	.4	.4	.4
Change in business inventories.....	7.6	8.5	7.4	7.9	11.3	7.2	1.6	3.1	6.9	7.2	6.1	6.6	9.9	6.1	1.3	2.9
Nonfarm.....	7.5	8.0	7.3	7.6	10.8	6.5	.9	2.6	6.8	6.8	5.9	6.3	9.3	5.4	.8	2.5
Farm.....	.1	.4	.1	.3	.5	.7	.7	.5	.1	.4	.1	.3	.6	.8	.6	.4
Net exports of goods and services.....	2.5	1.9	1.3	1.3	2.6	2.6	3.5	4.1	.9	.2	-.4	-.3	.8	.9	1.9	2.4
Exports.....	50.6	55.5	47.8	57.2	58.3	58.8	61.1	62.8	45.7	48.5	42.3	50.7	50.8	50.0	52.0	52.9
Imports.....	48.1	53.6	46.5	55.9	55.6	56.2	57.6	58.7	44.8	48.2	42.6	51.1	50.0	49.1	50.1	50.5
Government purchases of goods and services.....	200.2	212.2	208.5	209.9	214.1	216.3	219.6	218.4	148.3	147.8	149.5	147.9	147.3	146.6	145.0	141.3
Federal.....	99.5	101.3	100.9	99.8	102.5	102.1	102.3	99.7	78.7	75.7	78.0	75.8	75.2	73.8	71.1	67.8
National defense.....	78.0	78.8	78.6	77.9	79.8	78.8	79.3	76.8								
Other.....	21.5	22.6	22.4	21.9	22.7	23.3	23.0	22.9								
State and local.....	100.7	110.8	107.5	110.1	111.6	114.2	117.4	118.7	69.6	72.1	71.5	72.1	72.1	72.9	73.8	73.5

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

Gross national product.....	865.0	931.4	907.6	923.7	942.6	951.7	959.5	971.1	707.2	727.1	722.1	726.1	730.9	729.2	723.8	724.9
Final sales.....	857.4	922.9	900.2	915.9	931.2	944.5	957.9	968.1	700.3	719.9	716.1	719.4	720.9	723.0	722.4	721.9
Change in business inventories.....	7.6	8.5	7.4	7.9	11.3	7.2	1.6	3.1	6.9	7.2	6.1	6.6	9.9	6.1	1.3	2.9
Goods output.....	430.6	460.0	448.3	456.7	466.2	468.9	467.1	474.9	380.7	392.2	388.5	391.1	395.7	393.5	387.3	391.1
Final sales.....	422.9	451.6	440.9	448.8	454.9	461.7	465.5	471.8	373.8	385.0	382.4	384.5	385.8	387.4	386.0	388.2
Change in business inventories.....	7.6	8.5	7.4	7.9	11.3	7.2	1.6	3.1	6.9	7.2	6.1	6.6	9.9	6.1	1.3	2.9
Durable goods.....	176.1	190.2	186.1	189.4	192.7	192.7	185.3	186.6	162.1	170.1	168.4	170.0	171.6	170.3	162.3	162.9
Final sales.....	170.4	183.9	180.5	182.7	184.8	187.4	185.5	188.5	157.1	164.7	163.6	164.5	164.9	165.9	162.6	164.4
Change in business inventories.....	5.7	6.4	5.6	6.7	7.9	5.3	-.3	-1.9	5.1	5.3	4.8	5.5	6.7	4.4	-.3	-1.5
Nondurable.....	254.5	269.8	262.1	267.3	273.5	276.2	281.8	288.3	218.6	222.1	220.1	221.1	224.1	223.3	225.1	228.3
Final sales.....	252.5	267.7	260.4	266.1	270.1	274.3	280.0	283.3	216.7	220.3	218.8	220.0	220.9	221.5	223.4	223.8
Change in business inventories.....	2.0	2.1	1.8	1.2	3.5	1.9	1.9	5.0	1.8	1.8	1.3	1.1	3.2	1.8	1.6	4.5
Services.....	347.1	377.6	364.8	372.3	383.0	390.3	400.1	405.8	260.0	268.2	264.7	267.2	269.8	271.3	273.1	272.8
Structures.....	87.4	93.8	94.5	94.8	93.3	92.5	92.3	90.4	66.6	66.6	68.9	67.8	65.4	64.4	63.4	60.9

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

Gross national product.....	865.0	931.4	907.6	923.7	942.6	951.7	959.5	971.1	707.2	727.1	722.1	726.1	730.9	729.2	723.8	724.9
Private.....	770.1	827.8	808.2	822.3	836.6	844.0	848.5	858.4	647.6	666.4	662.1	665.6	669.8	668.1	663.1	664.2
Business.....	740.1	795.4	776.2	790.3	804.2	810.8	814.3	823.8	627.2	646.0	641.5	645.3	649.7	647.6	642.1	643.4
Nonfarm.....	714.6	767.9	749.1	762.7	776.6	783.0	785.5	795.3	603.4	622.5	616.7	622.0	626.2	624.7	619.5	620.4
Farm.....	25.5	27.5	27.1	27.6	27.6	27.8	28.8	28.5	23.8	23.6	24.7	23.3	23.5	22.8	22.6	23.0
Households and institutions.....	25.3	28.1	27.4	27.8	28.3	29.0	29.6	30.0	15.9	16.4	16.3	16.3	16.3	16.6	16.7	16.5
Rest of the world.....	4.7	4.3	4.6	4.2	4.1	4.2	4.5	4.5	4.5	4.0	4.3	3.9	3.8	4.0	4.3	4.2
General government.....	94.9	103.6	99.4	101.4	106.0	107.7	111.0	112.8	59.7	60.7	60.1	60.5	61.0	61.1	60.7	60.7

HISTORICAL STATISTICS

National income and product statistics for earlier periods are available as follows:
 Data for 1966-69, July 1970 SURVEY OF CURRENT BUSINESS; 1964-65, July 1968 SURVEY;
 1929-63, *The National Income and Product Accounts of the United States* (available from
 U.S. Department of Commerce Field Offices or from the Superintendent of Documents,
 U.S. Government Printing Office, Washington, D.C. 20402, price \$1.00 per copy).

	1968	1969	1969				1970	
			I	II	III	IV	I	II*
			Seasonally adjusted at annual rates					
			Billions of dollars					

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

Gross national product.....	865.0	931.4	907.6	923.7	942.6	951.7	959.5	971.1
Less: Capital consumption allowances.....	74.0	78.9	77.0	78.2	79.4	80.7	82.1	83.6
Equals: Net national product.....	791.1	852.5	830.6	845.5	863.1	871.0	877.4	887.5
Less: Indirect business tax and nontax liability.....	78.1	85.2	82.1	84.3	86.6	87.7	89.3	91.1
Business transfer payments.....	3.3	3.5	3.5	3.5	3.5	3.5	3.6	3.6
Statistical discrepancy.....	-2.4	-4.7	-3.6	-5.3	-5.5	-4.3	-5.4	-3.4
Plus: Subsidies less current surplus of government enterprises.....	.7	1.0	.8	1.1	1.0	1.2	1.6	1.5
Equals: National income.....	712.7	769.5	749.3	764.0	779.5	785.2	791.5	797.7
Less: Corporate profits and inventory valuation adjustment.....	85.4	85.8	87.1	87.4	86.8	82.0	76.7	77.8
Contributions for social insurance.....	47.1	53.6	51.9	53.1	54.2	55.1	56.0	56.7
Wage accruals less disbursements.....	.0	.0	.0	.0	.0	.0	2.5	-2.1
Plus: Government transfer payments to persons.....	55.7	61.6	59.8	61.0	62.0	63.4	66.3	75.8
Interest paid by government (net) and by consumers.....	26.3	29.0	28.0	28.6	29.1	30.2	31.0	31.4
Dividends.....	23.3	24.7	24.1	24.4	25.0	25.2	25.2	25.1
Business transfer payments.....	3.3	3.5	3.5	3.5	3.5	3.5	3.6	3.6
Equals: Personal income.....	688.7	748.9	725.8	741.1	758.1	770.5	782.3	801.3

Table 5.—Gross Auto Product in Current and Constant Dollars (1.15, 1.16)

	Billions of current dollars							
	1968	1969	1970	1971	1972	1973	1974	1975
Gross auto product ¹	36.1	36.6	38.2	34.8	37.6	35.8	31.1	35.4
Personal consumption expenditures.....	30.2	31.8	31.5	31.5	31.6	32.5	28.9	30.4
Producers' durable equipment.....	5.3	5.6	5.6	5.6	5.6	5.7	5.1	5.4
Change in dealers' auto inventories.....	1.1	.1	1.1	-1.2	1.4	-1.1	-1.7	.8
Net exports.....	-8	-1.1	-2	-1.4	-1.4	-1.6	-1.5	-1.4
Exports.....	2.0	2.2	2.3	2.3	2.4	2.0	2.0	2.6
Imports.....	2.8	3.4	2.5	3.7	3.7	3.6	3.4	4.0
Addenda:								
New cars, domestic ²	32.5	32.2	33.8	30.8	33.5	30.7	29.5	30.7
New cars, foreign.....	4.4	5.6	4.9	5.5	5.6	6.5	6.2	6.7
	Billions of 1958 dollars							
	1968	1969	1970	1971	1972	1973	1974	1975
Gross auto product ¹	35.3	35.0	36.9	33.3	35.8	33.9	29.2	33.2
Personal consumption expenditures.....	29.5	30.3	30.3	30.2	30.1	30.8	27.1	28.5
Producers' durable equipment.....	5.3	5.4	5.4	5.4	5.4	5.5	4.9	5.1
Change in dealers' auto inventories.....	1.1	.1	1.1	-1.2	1.4	-1.1	-1.6	.8
Net exports.....	-8	-1.1	-2	-1.4	-1.3	-1.5	-1.4	-1.4
Exports.....	2.0	2.2	2.3	2.3	2.4	2.0	1.9	2.5
Imports.....	2.8	3.3	2.5	3.6	3.7	3.5	3.4	3.9
Addenda:								
New cars, domestic ²	32.2	31.4	33.1	30.1	32.7	29.8	25.3	29.5
New cars, foreign.....	4.4	5.5	4.8	5.4	5.5	6.3	6.0	6.4

1. The gross auto product total includes government purchases.

2. Differs from the gross auto product total by the markup on both used cars and foreign cars.

* Second quarter 1970 corporate profits (and related components and totals) are preliminary and subject to revision next month.

	1968	1969	1969				1970	
			I	II	III	IV	I	II*
			Seasonally adjusted at annual rates					
			Billions of dollars					

Table 6.—National Income by Type of Income (1.10)

National income.....	712.7	769.5	749.3	764.0	779.5	785.2	791.5	797.7
Compensation of employees.....	514.1	564.2	544.9	557.5	572.2	582.1	592.2	596.4
Wages and salaries.....	464.8	509.0	491.6	502.9	516.4	525.3	534.4	537.4
Private.....	369.1	404.9	391.5	401.2	409.9	417.2	422.6	424.0
Military.....	17.9	19.0	18.1	18.4	19.9	19.6	20.1	19.5
Government civilian.....	77.8	85.1	81.9	83.4	86.6	88.5	91.7	93.9
Supplements to wages and salaries.....	49.3	55.1	53.3	54.6	55.8	56.8	57.9	59.0
Employer contributions for social insurance.....	24.3	27.5	26.7	27.3	27.9	28.3	28.6	29.0
Other labor income.....	24.9	27.6	26.7	27.3	27.9	28.5	29.3	30.0
Proprietors' income.....	64.1	66.8	66.0	66.7	67.5	67.2	67.6	67.8
Business and professional.....	49.1	50.5	49.9	50.5	50.9	50.6	50.6	51.2
Farm.....	15.0	16.4	16.2	16.2	16.6	16.6	17.0	16.5
Rental income of persons.....	21.3	22.0	21.6	22.0	22.1	22.3	22.5	22.6
Corporate profits and inventory valuation adjustment.....	85.4	85.8	87.1	87.4	86.8	82.0	76.7	77.8
Profits before tax.....	88.7	91.2	93.0	93.4	89.9	88.5	82.6	82.3
Profits tax liability.....	40.6	42.7	43.5	43.8	42.1	41.4	38.0	38.0
Profits after tax.....	48.2	48.5	49.5	49.7	47.9	47.1	44.6	44.3
Dividends.....	23.3	24.7	24.1	24.4	25.0	25.2	25.2	25.1
Undistributed profits.....	24.9	23.9	25.5	25.2	22.9	21.9	19.4	19.2
Inventory valuation adjustment.....	-3.3	-5.4	-5.9	-6.0	-3.2	-6.5	-5.8	-4.5
Net interest.....	27.8	30.7	29.7	30.4	31.0	31.7	32.4	33.1

Table 7.—National Income by Industry Division (1.11)

All industries, total.....	712.7	769.5	749.3	764.0	779.5	785.2	791.5	797.7
Agriculture, forestry, and fisheries.....	22.4	24.3	23.9	24.1	24.5	24.8	25.2	-----
Mining and construction.....	42.7	47.4	45.5	47.1	48.0	48.9	49.1	-----
Manufacturing.....	213.0	226.2	222.8	226.0	228.8	227.3	223.6	-----
Nondurable goods.....	81.8	87.0	84.9	87.0	87.5	88.5	88.8	-----
Durable goods.....	131.2	139.3	138.0	139.0	141.3	138.9	134.8	-----
Transportation.....	27.1	29.2	28.1	29.0	29.5	30.1	31.0	-----
Communication.....	14.2	15.9	15.7	16.0	15.9	16.1	16.4	-----
Electric, gas, and sanitary services.....	13.4	14.2	13.9	14.0	14.6	14.2	12.7	-----
Wholesale and retail trade.....	106.4	115.2	112.0	114.7	116.8	117.2	118.9	-----
Finance, insurance, and real estate.....	77.9	83.5	81.3	83.0	84.2	85.3	86.5	-----
Services.....	86.0	95.3	92.0	94.3	96.5	98.4	101.2	-----
Government and government enterprises.....	104.7	114.1	109.5	111.7	116.7	118.6	122.5	-----
Rest of the world.....	4.7	4.3	4.6	4.2	4.1	4.2	4.5	-----

Table 8.—Corporate Profits (Before Tax) and Inventory Valuation Adjustment by Broad Industry Groups (6.12)

All industries, total.....	85.4	85.8	87.1	87.4	86.8	82.0	76.7	77.8
Financial institutions.....	11.0	12.0	11.5	11.9	12.2	12.2	12.0	12.3
Nonfinancial corporations.....	74.4	73.8	75.5	75.4	74.6	69.8	64.7	65.5
Manufacturing.....	42.4	41.8	43.4	42.9	41.8	39.1	35.2	-----
Nondurable goods.....	19.1	19.3	19.4	19.9	19.1	19.0	18.3	-----
Durable goods.....	23.3	22.4	24.0	23.0	22.7	20.0	16.9	-----
Transportation, communication, and public utilities.....	11.0	10.7	11.0	10.8	10.6	10.3	9.1	-----
All other industries.....	21.0	21.4	21.2	21.8	22.2	20.4	20.4	-----

	1968	1969	1969				1970	
			I	II	III	IV	I	II *
Seasonally adjusted at annual rates								
Billions of dollars								

Table 9.—Gross Corporate Product¹ (1.14)

Gross corporate product	492.8	531.2	518.5	528.9	537.7	539.7	539.7	543.8
Capital consumption allowances	46.5	49.8	48.5	49.3	50.1	51.0	52.0	53.0
Indirect business taxes plus transfer payments less subsidies	44.8	48.6	46.9	48.1	49.3	49.9	50.7	51.7
Income originating in corporate business	401.5	432.9	423.0	431.4	438.2	438.8	437.1	439.0
Compensation of employees	319.2	349.7	338.7	346.6	354.1	359.5	363.2	363.8
Wages and salaries	284.3	310.8	300.9	308.0	314.7	319.6	322.6	322.8
Supplements	34.9	38.9	37.8	38.5	39.4	39.9	40.6	41.0
Net interest	.9	1.9	1.5	1.8	2.0	2.1	2.3	2.4
Corporate profits and inventory valuation adjustment	81.5	81.3	82.8	83.1	82.2	77.3	71.6	72.8
Profits before tax	84.8	86.8	88.7	89.1	85.3	83.8	77.4	77.3
Profits tax liability	40.6	42.7	43.5	43.8	42.1	41.4	38.0	38.0
Profits after tax	44.2	44.1	45.3	45.4	43.3	42.4	39.4	39.3
Dividends	21.8	23.0	22.5	22.9	23.3	23.5	23.3	23.2
Undistributed profits	22.4	21.0	22.8	22.5	19.9	18.9	16.2	16.1
Inventory valuation adjustment	-3.3	-5.4	-5.9	-6.0	-3.2	-6.5	-5.8	-4.5
Cash flow, gross of dividends	90.7	93.8	93.8	94.7	93.4	93.4	91.4	92.3
Cash flow, net of dividends	68.9	70.8	71.3	71.8	70.1	69.9	68.2	69.1
Gross product originating in financial institutions	22.5	24.7	24.0	24.6	24.9	25.1	25.3	25.6
Gross product originating in nonfinancial corporations	470.2	506.5	494.5	504.3	512.8	514.6	514.4	518.2
Capital consumption allowances	45.1	48.3	47.1	47.9	48.6	49.5	50.4	51.4
Indirect business taxes plus transfer payments less subsidies	42.9	46.5	44.9	46.0	47.2	47.7	48.4	49.4
Income originating in nonfinancial corporations	382.2	411.8	402.5	410.4	417.0	417.4	415.5	417.3
Compensation of employees	301.2	329.9	319.4	326.9	334.1	339.1	342.3	342.9
Wages and salaries	268.6	293.5	284.0	290.9	297.3	301.8	304.4	304.6
Supplements	32.6	36.3	35.3	36.0	36.8	37.3	37.9	38.3
Net interest	10.5	12.6	11.8	12.4	12.9	13.3	13.6	13.9
Corporate profits and inventory valuation adjustment	70.4	69.4	71.3	71.1	70.0	65.1	59.6	60.5
Profits before tax	73.7	74.8	77.2	77.2	73.2	71.6	65.4	65.0
Profits tax liability	34.7	36.1	37.2	37.2	35.3	34.6	31.1	30.9
Profits after tax	39.0	38.7	40.0	40.0	37.8	37.0	34.3	34.1
Dividends	20.6	21.6	21.1	21.5	21.9	22.0	21.8	21.8
Undistributed profits	18.4	17.1	18.8	18.4	15.9	15.1	12.5	12.3
Inventory valuation adjustment	-3.3	-5.4	-5.9	-6.0	-3.2	-6.5	-5.8	-4.5
Cash flow, gross of dividends	84.1	87.0	87.1	87.8	86.5	86.5	84.7	85.5
Cash flow, net of dividends	63.5	65.3	65.9	66.3	64.6	64.5	62.9	63.7
Billions of 1958 dollars								
Gross product originating in nonfinancial corporations	415.1	432.5	428.5	432.9	435.6	433.0	428.4	427.3
Dollars								
Current dollar cost per unit of 1958 dollar gross product originating in nonfinancial corporations ²	1.133	1.171	1.154	1.165	1.177	1.188	1.201	1.212
Capital consumption allowances	.109	.112	.110	.111	.112	.114	.118	.120
Indirect business taxes plus transfer payments less subsidies	.103	.107	.105	.106	.108	.110	.113	.116
Compensation of employees	.726	.763	.745	.755	.767	.783	.799	.802
Net interest	.025	.029	.028	.029	.030	.031	.032	.033
Corporate profits and inventory valuation adjustment	.170	.160	.166	.164	.161	.150	.139	.141
Profits tax liability	.084	.083	.087	.086	.081	.080	.073	.072
Profits after tax plus inventory valuation adjustment	.086	.077	.079	.078	.080	.070	.067	.069

*Second quarter 1970 corporate profits (and related components and totals) are preliminary and subject to revision next month.

1. Excludes gross product originating in the rest of the world.

2. This is equal to the deflator for gross product of nonfinancial corporations, with the decimal point shifted two places to the left.

3. Personal saving as a percentage of disposable personal income.

	1968	1969	1969				1970	
			I	II	III	IV	I	II
Seasonally adjusted at annual rates								
Billions of dollars								

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

Personal income	688.7	748.9	725.8	741.1	758.1	770.5	782.3	801.3
Wage and salary disbursements	464.8	509.0	491.6	502.9	516.4	525.3	531.9	539.5
Commodity-producing industries	181.5	197.5	191.5	196.0	199.9	202.5	202.7	201.5
Manufacturing	145.9	157.5	153.2	156.4	159.7	160.8	160.7	159.6
Distributive industries	109.2	119.8	115.5	118.5	121.3	123.8	125.9	127.0
Service industries	78.4	87.7	84.5	86.7	88.7	90.9	93.9	95.5
Government	95.7	104.1	100.0	101.7	106.5	108.1	109.3	115.5
Other labor income	24.9	27.6	26.7	27.3	27.9	28.5	29.3	30.0
Proprietor's income	64.1	66.8	66.0	66.7	67.5	67.2	67.6	67.8
Business and professional	49.1	50.5	49.9	50.5	50.9	50.6	50.6	51.2
Farm	15.0	16.4	16.2	16.2	16.6	16.6	17.0	16.5
Rental income of persons	21.3	22.0	21.6	22.0	22.1	22.3	22.5	22.6
Dividends	23.3	24.7	24.1	24.4	25.0	25.2	25.2	25.1
Personal interest income	54.0	59.7	57.7	59.0	60.1	61.9	63.4	64.5
Transfer payments	59.0	65.1	63.3	64.5	65.5	67.0	69.8	79.4
Old age, survivors, disability, and health insurance benefits	30.3	33.0	32.3	32.9	33.1	33.5	34.2	41.5
State unemployment insurance benefits	2.1	2.1	2.1	1.9	2.2	2.3	2.9	3.6
Veterans benefits	7.2	8.3	7.9	8.4	8.3	8.7	9.0	9.5
Other	19.5	21.6	21.0	21.4	21.8	22.4	23.8	24.9
Less: Personal contributions for social insurance	22.8	26.0	25.2	25.8	26.4	26.8	27.4	27.7
Less: Personal tax and nontax payments	97.5	117.3	113.8	118.1	117.5	119.9	117.0	117.7
Equals: Disposable personal income	591.2	631.6	612.0	623.0	640.6	650.6	665.3	683.6
Less: Personal outlays	550.8	593.9	577.7	589.7	598.7	609.6	620.5	632.1
Personal consumption expenditures	535.8	577.5	561.8	573.3	582.1	592.6	603.1	614.4
Interest paid by consumers	14.3	15.7	15.3	15.6	15.8	16.1	16.4	16.8
Personal transfer payments to foreigners	.7	.8	.7	.8	.9	.8	.9	1.0
Equals: Personal saving	40.4	37.6	34.3	33.3	42.0	41.1	44.8	51.5
Addenda:								
Disposable personal income:								
Total, billions of 1958 dollars	499.0	511.5	504.7	507.5	515.9	517.8	522.9	532.0
Per capita, current dollars	2,939	3,108	3,023	3,070	3,148	3,188	3,252	3,333
Per capita, 1958 dollars	2,480	2,517	2,493	2,501	2,535	2,537	2,556	2,591
Personal saving rate, ³ percent	6.8	6.0	5.6	5.3	6.5	6.3	6.7	7.5

Table 11.—Personal Consumption Expenditures by Major Type (2.3)

Personal consumption expenditures	535.8	577.5	561.8	573.3	582.1	592.6	603.1	614.4
Durable goods	84.0	90.0	89.1	90.6	89.5	90.8	89.1	91.9
Automobiles and parts	37.2	40.3	39.8	40.0	40.2	41.1	37.7	39.4
Furniture and household equipment	34.6	36.7	35.8	37.2	36.7	36.9	38.3	38.9
Other	12.3	13.1	13.5	13.4	12.6	12.7	13.1	13.6
Nondurable goods	230.2	245.8	239.2	244.0	248.1	252.0	258.8	262.6
Food and beverages	115.1	121.7	119.1	120.8	122.4	124.6	128.8	131.2
Clothing and shoes	46.1	49.9	47.9	50.0	50.7	50.9	51.3	51.8
Gasoline and oil	19.0	21.1	20.3	20.8	21.5	21.7	22.4	22.7
Other	50.0	53.2	52.0	52.4	53.5	54.9	56.3	56.9
Services	221.6	241.6	233.5	238.7	244.5	249.8	255.2	259.9
Housing	77.4	84.0	81.4	83.0	84.7	87.0	89.0	90.8
Household operation	31.2	33.9	32.7	33.3	34.5	34.8	35.2	35.9
Transportation	15.6	16.7	16.2	16.5	16.8	17.1	17.7	17.9
Other	97.5	107.1	103.2	105.9	108.5	110.9	113.3	115.4

Table 12.—Foreign Transactions in the National Income and Product Accounts (4.1)

Receipts from foreigners	50.6	55.5	47.8	57.2	58.3	58.8	62.0	63.7
Exports of goods and services	50.6	55.5	47.8	57.2	58.3	58.8	61.1	62.8
Capital grants received by the United States							.9	.9
Payments to foreigners	50.6	55.5	47.8	57.2	58.3	58.8	62.0	63.7
Imports of goods and services	48.1	53.6	46.5	55.9	55.6	56.2	57.6	58.7
Transfers to foreigners	2.8	2.8	2.4	3.2	2.8	2.9	2.8	3.0
Personal	.7	.8	.7	.8	.9	.8	.9	1.0
Government	2.1	2.1	1.8	2.5	1.9	2.1	1.9	2.0
Net foreign investment	-3	-9	-1.1	-2.0	-1	-3	1.6	2.0

	1968	1969	1969				1970	
			I	II	III	IV	I	II *
Seasonally adjusted at annual rates								
Billions of dollars								

Table 13.—Federal Government Receipts and Expenditures (3.1, 3.2)

	1968	1969	197.2	202.5	200.8	202.0	195.9	196.6
Federal Government receipts	175.4	200.6	197.2	202.5	200.8	202.0	195.9	196.6
Personal tax and nontax receipts	79.3	95.9	93.7	97.3	95.6	96.9	93.4	93.5
Corporate profits tax accruals	37.5	39.2	39.9	40.2	38.6	38.1	34.5	34.8
Indirect business tax and nontax accruals	18.0	19.1	18.5	19.0	19.5	19.3	19.3	19.4
Contributions for social insurance	40.7	46.5	45.1	46.0	47.0	47.7	48.4	48.9
Federal Government expenditures	181.6	191.3	187.7	189.1	192.5	195.9	197.7	210.9
Purchases of goods and services	99.5	101.3	100.9	99.8	102.5	102.1	102.3	99.7
National defense	78.0	78.8	78.6	77.9	79.8	78.8	79.3	76.8
Other	21.5	22.6	22.4	21.9	22.7	23.3	23.0	22.9
Transfer payments	47.8	52.1	50.6	52.2	52.2	53.3	55.3	64.4
To persons	45.7	50.0	48.9	49.8	50.3	51.2	53.4	62.4
To foreigners (net)	2.1	2.1	1.8	2.5	1.9	2.1	1.9	2.0
Grants-in-aid to State and local governments	18.4	20.2	19.3	19.6	20.0	21.8	23.0	25.1
Net interest paid	11.8	13.1	12.6	12.9	13.2	13.9	14.3	14.3
Subsidies less current surplus of government enterprises	4.1	4.6	4.3	4.6	4.6	4.9	5.3	5.3
Less: Wage accruals less disbursements	.0	.0	.0	.0	.0	.0	2.5	-2.1
Surplus or deficit (-), national income and product accounts	-6.2	9.3	9.5	13.4	8.3	6.1	-1.7	-14.3

Table 14.—State and Local Government Receipts and Expenditures (3.3, 3.4)

	1968	1969	197.2	202.5	200.8	202.0	195.9	196.6
State and local government receipts	106.3	118.3	113.3	116.3	119.6	123.9	127.3	132.0
Personal tax and nontax receipts	18.3	21.4	20.0	20.8	21.9	23.0	23.6	24.2
Corporate profits tax accruals	3.1	3.5	3.6	3.6	3.4	3.3	3.2	3.2
Indirect business tax and nontax accruals	60.1	66.1	63.6	65.3	67.1	68.4	70.0	71.7
Contributions for social insurance	6.4	7.1	6.8	7.0	7.2	7.4	7.5	7.7
Federal grants-in-aid	18.4	20.2	19.3	19.6	20.0	21.8	23.0	25.1
State and local government expenditures	107.4	118.9	115.1	117.9	119.8	122.9	126.8	128.7
Purchases of goods and services	100.7	110.8	107.5	110.1	111.6	114.2	117.4	118.7
Transfer payments to persons	10.0	11.5	11.0	11.2	11.7	12.2	12.9	13.5
Net interest paid	.2	.1	.1	.1	.2	.2	.2	.3
Less: Current surplus of government enterprises	3.4	3.6	3.5	3.6	3.6	3.7	3.7	3.8
Surplus or deficit (-), national income and product accounts	-1.1	-6	-1.8	-1.5	-3	1.0	.5	3.3

Table 15.—Sources and Uses of Gross Saving (5.1)

	1968	1969	197.2	202.5	200.8	202.0	195.9	196.6
Gross private saving	135.9	135.0	130.8	130.7	141.1	137.1	140.5	149.8
Personal saving	40.4	37.6	34.3	33.3	42.0	41.1	44.8	51.5
Undistributed corporate profits	24.9	23.9	25.5	25.2	22.9	21.9	19.4	19.2
Corporate inventory valuation adjustment	-3.3	-5.4	-5.9	-6.0	-3.2	-6.5	-5.8	-4.5
Corporate capital consumption allowances	46.5	49.8	48.5	49.3	50.1	51.0	52.0	53.0
Noncorporate capital consumption allowances	27.5	29.1	28.5	28.9	29.3	29.7	30.2	30.6
Wage accruals less disbursements	.0	.0	.0	.0	.0	.0	.0	.0
Government surplus or deficit (-), national income and product accounts	-7.3	8.7	7.7	11.8	8.0	7.1	-1.2	-11.0
Federal	-6.2	9.3	9.5	13.4	8.3	6.1	-1.7	-14.3
State and local	-1.1	-6	-1.8	-1.5	-3	1.0	.5	3.3
Capital grants received by the United States							.9	.9
Gross investment	126.2	138.9	134.9	137.3	143.6	139.9	134.8	136.3
Gross private domestic investment	126.5	139.8	136.0	139.3	143.8	140.2	133.2	134.3
Net foreign investment	-3	-9	-1.1	-2.0	-1	-3	1.6	2.0
Statistical discrepancy	-2.4	-4.7	-3.6	-5.3	-5.5	-4.3	-5.4	-3.4

*Second quarter 1970 corporate profits (and related components and totals) are preliminary and subject to revision next month.

		1969				1970	
1968	1969	I	II	III	IV	I	II
		Seasonally adjusted					
		Index numbers, 1958=100					

Table 16.—Implicit Price Deflators for Gross National Product (8.1)

	1968	1969	197.2	202.5	200.8	202.0	195.9	196.6
Gross national product	122.31	128.11	125.68	127.22	128.97	130.52	132.57	133.98
Personal consumption expenditures	118.5	123.5	121.3	122.8	124.2	125.6	127.2	128.5
Durable goods	103.3	106.0	105.0	105.7	106.4	107.0	107.8	108.2
Nondurable goods	117.1	122.2	119.8	121.5	122.9	124.5	125.9	127.1
Services	127.1	133.1	130.6	132.3	133.8	135.5	137.3	139.3
Gross private domestic investment								
Fixed investment	120.4	126.2	124.2	125.4	127.1	128.0	129.6	131.0
Nonresidential	117.5	122.8	120.7	121.6	123.9	125.1	126.8	128.2
Structures	130.3	141.1	136.8	139.5	143.3	144.7	146.4	150.0
Producers' durable equipment	111.9	115.1	113.7	114.4	115.6	116.8	118.4	119.2
Residential structures	129.7	137.7	135.5	137.4	138.9	139.3	140.6	142.4
Nonfarm	129.8	137.8	135.6	137.5	139.0	139.4	140.7	142.5
Farm	125.9	132.3	128.9	131.1	133.6	135.1	136.7	137.9
Change in business inventories								
Net exports of goods and services								
Exports	110.9	114.6	113.0	112.7	114.6	117.7	117.5	118.8
Imports	107.5	111.1	109.0	109.5	111.2	114.5	114.9	116.2
Government purchases of goods and services	135.0	143.5	139.5	141.9	145.4	147.5	151.5	154.6
Federal	126.4	133.9	129.5	131.7	136.3	138.4	143.8	147.0
State and local	144.7	153.7	150.4	152.6	154.9	156.7	158.9	161.5

Table 17.—Implicit Price Deflators for Gross National Product by Major Type of Product (8.2)

	1968	1969	197.2	202.5	200.8	202.0	195.9	196.6
Gross national product	122.31	128.11	125.68	127.22	128.97	130.52	132.57	133.98
Final sales	122.4	128.2	125.7	127.3	129.2	130.6	132.6	134.1
Goods output	113.1	117.3	115.4	116.8	117.8	119.2	120.6	121.4
Durable goods	108.6	111.9	110.5	111.4	112.3	113.2	114.2	114.6
Nondurable goods	116.4	121.4	119.1	120.9	122.1	123.7	125.2	126.3
Services	133.5	140.8	137.8	139.3	142.0	143.9	146.5	148.7
Structures	131.3	140.8	137.2	139.9	142.7	143.7	145.7	148.5
Addendum:								
Gross auto product	102.4	104.7	103.7	104.4	105.0	105.6	106.6	106.5

Table 18.—Implicit Price Deflators for Gross National Product by Sector (8.4)

	1968	1969	197.2	202.5	200.8	202.0	195.9	196.6
Gross national product	122.31	128.11	125.68	127.22	128.97	130.52	132.57	133.98
Private	118.92	124.22	122.08	123.55	124.90	126.32	127.96	129.24
Business	118.0	123.1	121.0	122.5	123.8	125.2	126.8	128.1
Nonfarm	118.4	123.4	121.5	122.6	124.0	125.3	126.8	128.2
Farm	107.3	116.9	109.6	118.4	117.6	121.6	127.5	124.0
Households and institutions	159.1	171.9						
General government	159.1	170.8	165.4	167.6	173.6	176.5	182.9	185.9

Table 19.—Gross National Product: Change From Preceding Period

	Percent		Percent at annual rate					
	1968	1969	197.2	202.5	200.8	202.0	195.9	196.6
Gross national product:								
Current dollars	9.0	7.7	7.4	7.3	8.4	3.9	3.3	4.9
Constant dollars	4.8	2.8	2.6	2.2	2.7	-9	-2.9	.6
Implicit price deflator	4.0	4.7	4.7	5.0	5.6	4.9	6.4	4.3
Gross private product:								
Current dollars	8.6	7.5	7.7	7.2	7.1	3.6	2.1	4.7
Constant dollars	4.9	2.9	2.8	2.1	2.6	-1.0	-3.0	.7
Implicit price deflator	3.6	4.5	4.8	4.9	4.4	4.6	5.3	4.1

Alternative Measures of Price Change for GNP, 1967-1970

The implicit price deflator for GNP, a byproduct of the calculation of constant-dollar, or "real", GNP, has received increasing use over the past several years as a comprehensive composite index of the prices of all the

goods and services that make up the GNP. Unlike most other price indexes, which are constructed with fixed weights, the GNP deflator is based on shifting weights. This was explained in an article in the March 1969 SURVEY,¹

which carried a table for the period 1965-1968 comparing the behavior of the implicit deflator with that of alternative indexes of GNP prices using fixed weights. That table is updated below for the period from the first quarter of 1967 through the second quarter of 1970, based on the revised GNP estimates for 1967-1969 which

1. "Alternative Measures of Price Change for GNP" by Allan H. Young and Claudia Harkins, SURVEY OF CURRENT BUSINESS, March 1969.

Price Changes as Measured by Implicit Deflators, Fixed Weighted Price Indexes, and Chain Indexes, Quarterly, First Quarter 1967 to Second Quarter 1970

[Percent change at annual rate]

	1967															
	I				II				III				IV			
	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain
Gross national product.....	2.84	1.97	2.08	2.32	2.25	2.66	2.55	2.53	4.03	4.05	3.99	3.87	4.74	4.47	4.45	4.55
Personal consumption expenditures.....	1.96	1.51	1.45	1.54	1.65	2.06	2.05	2.09	3.65	3.25	3.28	3.27	3.21	3.13	3.32	3.37
Durable goods.....	.23	.73	.03	.04	-.29	.48	.43	.46	4.58	5.02	4.54	4.39	4.67	4.03	4.69	4.71
Nondurable goods.....	.79	.59	.72	.92	1.75	1.60	1.71	1.76	3.21	3.11	3.17	3.18	2.37	2.38	2.44	2.49
Services.....	2.98	2.81	2.78	2.78	3.05	3.03	3.03	3.03	3.18	2.93	2.95	2.95	3.54	3.75	3.79	3.81
Gross private domestic investment.....																
Fixed investment.....	3.04	2.67	2.39	2.38	2.89	4.26	3.71	3.51	6.72	7.01	6.19	5.73	4.08	3.67	3.79	3.66
Nonresidential.....	3.17	2.65	2.29	2.30	1.69	3.38	2.91	2.88	4.53	4.79	4.37	4.20	3.95	4.32	4.26	4.03
Structures.....	4.04	3.15	2.73	2.80	3.72	4.75	4.23	4.19	7.09	7.41	6.94	6.95	4.24	4.45	4.11	4.10
Producers' durable equipment.....	1.75	2.29	2.04	2.05	2.19	2.37	2.14	2.18	3.06	2.90	2.89	2.86	3.99	4.23	4.35	4.00
Residential structures.....	2.68	2.70	2.66	2.68	5.96	5.95	5.97	5.95	11.33	11.28	11.34	11.31	2.51	2.46	2.51	2.50
Change in business inventories.....																
Net exports of goods and services.....																
Exports.....	-1.51	-1.31	-1.37	-1.38	-1.62	-1.66	-1.65	-1.65	1.20	1.41	1.41	1.42	1.04	1.32	1.34	1.34
Imports.....	1.61	1.42	1.38	1.38	-1.97	-2.41	-2.32	-2.33	2.23	2.15	2.21	2.19	-3.88	-3.26	-3.34	-3.31
Government purchases of goods and services.....																
Federal.....	3.13	3.34	4.54	5.27	2.28	3.31	3.53	3.34	5.25	4.65	5.04	4.76	7.31	7.99	7.64	7.50
State and local.....	2.49	1.06	2.99	4.57	-1.46	1.41	1.40	1.27	2.90	1.93	2.22	2.13	9.36	10.16	10.18	9.65
	4.40	6.11	6.00	5.97	5.66	5.58	5.51	5.46	7.86	7.90	7.65	7.50	4.78	5.53	5.39	5.35

	1968															
	I				II				III				IV			
	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain
Gross national product.....	3.53	3.81	3.67	3.72	4.26	5.16	5.11	5.03	4.15	4.81	4.51	4.50	4.47	4.75	4.64	4.64
Personal consumption expenditures.....	3.77	4.45	4.36	4.38	4.22	4.53	4.38	4.34	2.78	3.23	3.15	3.15	4.83	4.82	4.76	4.75
Durable goods.....	2.18	2.85	2.66	2.72	2.37	2.14	2.01	2.03	1.81	2.61	2.50	2.51	4.76	4.84	4.50	4.40
Nondurable goods.....	4.59	4.66	4.68	4.68	4.99	5.26	5.18	5.13	2.67	2.96	2.80	2.78	4.47	4.64	4.57	4.56
Services.....	4.59	4.65	4.65	4.66	4.39	4.36	4.39	4.39	3.97	3.72	3.77	3.77	4.78	5.03	5.06	5.07
Gross private domestic investment.....																
Fixed investment.....	1.91	2.07	2.03	2.12	4.97	6.04	5.58	5.29	4.22	6.34	5.97	5.71	3.15	3.54	3.56	3.42
Nonresidential.....	2.44	2.35	2.24	2.35	3.19	4.86	4.57	4.30	3.10	4.71	4.71	4.40	2.99	3.84	3.78	3.58
Structures.....	3.52	2.37	2.46	2.32	6.79	6.85	6.84	6.87	6.57	6.92	7.98	7.64	2.89	3.89	3.90	3.76
Producers' durable equipment.....	1.54	2.34	2.10	2.36	1.90	3.39	3.25	3.00	1.83	3.06	2.79	2.79	3.18	3.81	3.71	3.49
Residential structures.....	1.46	1.54	1.47	1.46	8.40	8.28	8.39	8.39	9.46	9.40	9.47	9.47	2.99	2.98	2.96	2.96
Change in business inventories.....																
Net exports of goods and services.....																
Exports.....	-3.77	-3.99	-4.06	-4.12	11.17	11.33	11.32	11.31	-2.19	-2.31	-2.34	-2.35	1.15	1.35	1.37	1.38
Imports.....	2.94	3.30	3.26	3.26	4.33	4.45	4.47	4.47	-.83	-.82	-.81	-.80	2.00	1.81	1.84	1.85
Government purchases of goods and services.....																
Federal.....	3.35	4.72	4.74	4.74	4.00	4.88	5.44	5.12	8.36	8.67	8.48	8.11	4.56	5.50	5.44	5.29
State and local.....	1.52	3.38	3.15	3.30	1.81	3.45	4.35	3.86	8.79	9.63	9.69	8.95	2.59	4.58	4.34	4.08
	5.02	6.30	6.20	6.21	6.64	6.56	6.42	6.38	7.83	7.58	7.39	7.29	6.20	6.56	6.45	6.51

appeared in the July 1970 SURVEY and the estimates for the first two quarters of 1970 which appear in this issue.

Over longer periods, the GNP deflator and fixed-weighted indexes tend to move similarly. For instance, over the past 4½ years, the implicit deflator for total GNP and fixed-weighted price indexes using 1958 weights and fourth quarter 1965 weights have increased at the same average annual rate (4.2 percent). Within this time span, however, movements of the alternative price measures have sometimes differed significantly from that of the deflator.

Differences were pronounced in the second and third quarters of 1968, the third quarter of 1969, and the first and second quarters of 1970.

The effects of shifting weights on the GNP deflator have been particularly marked recently. From the fourth quarter of 1969 to the first quarter of 1970, decreases in the weights of certain consumer durables (notably autos) and of inventories, which have relatively low deflators, contributed to the large increase in the GNP deflator. The reverse is true for the change from the first to the second quarter of 1970,

when the increase in the GNP deflator was moderated by increases in the weights of these consumer durables and of inventories and by decreases in the weights of structures, which have relatively high deflators. When the effect of the Government pay raise—which added about 1 percentage point to the annual rate of increase in all versions of the GNP price indexes in the first quarter of 1970—is excluded, the rate of overall price increase as shown by the fixed-weighted indexes is about equal in the first and second quarters of 1970.

Price Changes as Measured by Implicit Deflators, Fixed Weighted Price Indexes, and Chain Indexes, Quarterly, First Quarter 1967 to Second Quarter 1970—Continued

[Percent change at annual rate]

	1969															
	I				II				III				IV			
	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain
Gross national product.....	4.70	4.54	4.54	4.49	5.00	5.22	5.00	4.90	5.59	6.46	6.14	6.02	4.91	5.25	4.99	4.87
Personal consumption expenditures.....	3.46	3.92	3.81	3.79	5.03	5.25	5.11	5.02	4.78	4.98	4.79	4.65	4.78	5.10	4.96	4.88
Durable goods.....	1.52	1.50	1.48	1.54	2.86	3.68	3.13	2.97	2.61	3.58	3.06	2.83	2.30	2.43	2.53	2.57
Nondurable goods.....	3.22	3.58	3.57	3.54	5.84	5.70	5.74	5.68	4.69	5.36	5.21	5.04	5.47	5.78	5.72	5.62
Services.....	4.77	4.99	4.93	4.92	5.04	5.18	5.14	5.13	4.83	4.93	4.95	4.95	4.97	5.05	5.01	5.00
Gross private domestic investment.....	7.12	7.15	6.57	6.20	3.88	5.68	5.26	5.05	5.71	5.98	5.90	5.69	2.98	3.30	3.58	3.67
Fixed investment.....	6.48	6.02	5.57	5.14	3.22	5.62	5.07	4.81	7.58	6.76	6.43	6.10	3.82	4.56	4.54	4.49
Nonresidential.....	13.27	11.20	11.46	11.53	7.97	8.07	7.72	7.79	11.36	9.70	10.04	9.89	4.20	4.36	4.63	4.65
Producers' durable equipment.....	2.73	2.22	2.12	2.09	2.35	3.75	3.46	3.29	4.18	4.50	4.22	4.26	4.22	4.72	4.49	4.41
Residential structures.....	9.32	9.23	9.31	9.32	5.75	5.79	5.76	5.75	4.49	4.57	4.52	4.53	1.01	1.04	1.02	1.02
Change in business inventories.....																
Net exports of goods and services.....	5.68	6.29	6.39	6.46	-1.28	-2.11	-2.22	-2.40	7.09	7.36	7.40	7.42	11.18	10.93	10.90	10.88
Exports.....	3.52	2.71	2.81	2.83	1.73	2.77	2.59	2.64	6.48	5.81	5.92	5.95	12.46	12.51	12.50	12.50
Imports.....																
Government purchases of goods and services.....	4.98	4.09	4.39	4.41	7.28	5.81	5.87	5.71	10.06	10.50	10.13	9.68	5.97	7.00	6.10	5.88
Federal.....	3.27	2.09	2.32	2.50	7.18	4.82	4.76	4.71	14.46	14.12	14.55	13.74	6.43	8.18	6.75	6.45
State and local.....	5.72	6.42	6.27	6.29	6.25	6.95	6.87	6.65	6.00	6.51	6.32	6.10	4.79	5.65	5.52	5.37

	1970							
	I				II			
	Implicit deflator	1958 weights	IV-1965 weights	Chain	Implicit deflator	1958 weights	IV-1965 weights	Chain
Gross national product.....	6.43	6.36	5.94	5.86	4.32	5.10	5.00	5.01
Personal consumption expenditures.....	5.14	5.13	4.96	4.85	4.04	4.50	4.41	4.44
Durable goods.....	3.03	2.09	2.49	2.62	1.49	1.43	1.47	1.48
Nondurable goods.....	4.50	5.12	4.94	4.72	3.74	3.80	3.74	3.77
Services.....	5.66	5.96	5.87	5.81	5.88	6.15	6.18	6.17
Gross private domestic investment.....	5.04	4.21	4.38	4.37	4.39	6.23	6.28	6.11
Fixed investment.....	5.79	4.43	4.59	4.54	4.42	6.82	6.70	6.38
Nonresidential.....	4.71	4.15	4.36	4.30	10.17	10.74	11.46	11.29
Producers' durable equipment.....	5.55	4.64	4.73	4.67	2.65	3.81	3.76	3.83
Residential structures.....	3.79	3.82	3.81	3.80	5.16	5.15	5.17	5.17
Change in business inventories.....								
Net exports of goods and services.....	-0.66	-0.65	-0.64	-0.64	4.41	4.10	4.06	4.04
Exports.....	1.34	1.48	1.46	1.46	4.67	4.63	4.64	4.64
Imports.....								
Government purchases of goods and services.....	11.32	11.45	10.79	10.32	8.29	6.24	6.14	6.14
Federal.....	16.52	15.95	15.96	15.31	9.18	5.83	5.63	5.68
State and local.....	5.81	6.42	6.26	6.00	6.71	6.73	6.61	6.54

Geographic Trends in Personal Income in the 1960's

Personal income in the Nation nearly doubled during the 1960's, and income grew markedly in all areas of the country. As has been typical over the last four decades, income growth was faster in the western and southern portions of the country than in the northern and eastern regions. However, inter-regional variations in growth rates and the resulting shifts in income distribution were less pronounced during the 1960's than during the first postwar decade. This article factors differential regional growth into three elements and analyzes the importance of each. Industrial developments underlying regional income changes in both the 1950's and 1960's are also highlighted.

Summary

INCOME expansion in any given area is a reflection of the myriad forces that shape the Nation's economic growth. Rapid and cheap transportation and communication and inter-regional trade and capital movements bind the numerous area economies into one complex, closely interrelated, producing and consuming business community. Due to the close interrelation of the regional and national economies, personal income expansion in most areas moves roughly parallel to the national course. However, the parallel-

ism is approximate only. Regional and State personal income *growth differentials* do occur and *geographic shifts* in the distribution of income result. These are the subject of this article.

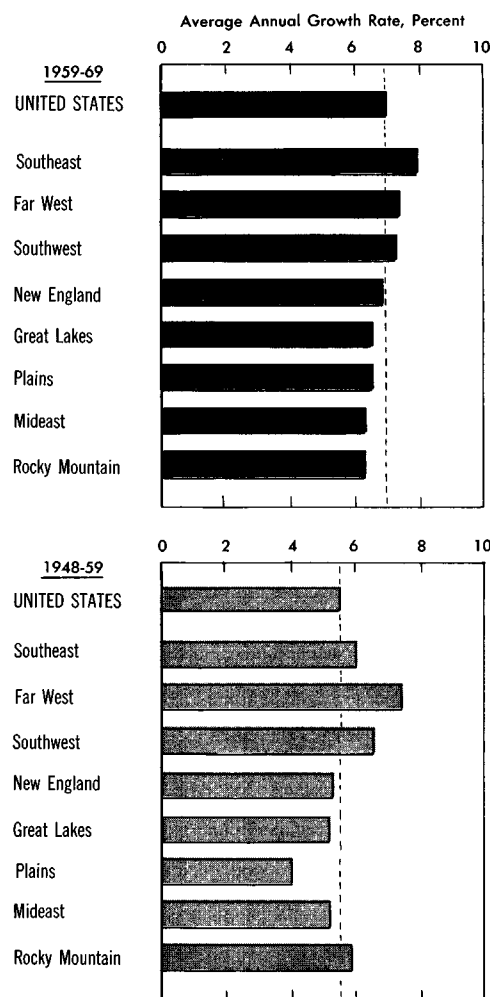
Personal income in the Nation nearly doubled during the 1960's, and income grew markedly in all areas of the country. As has been typical over the last four decades, income growth was faster in the western and southern portions of the country than in the northern and eastern regions. However, interregional variations in growth rates and the resulting shift in income distribution were less pronounced during the 1960's than during the first postwar decade. (See chart 7.) Such narrowing of regional growth differentials is typical of periods of rapid and sustained national economic growth when demand for durable goods is strong.

The income growth of a region relative to the Nation can be factored into two elements: (1) The effect of differences between the income structure of the region and that of the Nation (the component-mix effect); and, (2) the effect of differences between regional and national growth rates in each source of income (the regional-share effect). The second element seems to provide the major explanation of the relative income experience of a region. Its importance is evidenced by the high correlation between it and relative growth in total income. Each region for which this effect was positive recorded above-average growth in total income. Similarly, each region in which the effect was negative experienced a below-average income gain.

With some qualifications, the regional-share effect can be taken to reflect the competitive position of a region *vis-a-vis* other regions. The competitive

CHART 7

The regional pattern of personal income growth was much more uniform in the 1960's than earlier in the postwar period



NOTE.—The State income figures were prepared by the Economic Measurement Branch, Regional Economics Division, under the direction of Edwin J. Coleman and Q. Francis Dallavalle. The extensive programing required for the analysis was performed by David Cartwright.

position of a region influences its income growth primarily through its export industries which, in turn, induce changes in the remaining industries of the region. Relative income growth in the eight regions of the country is analyzed in this light.

Long-Term Income Trends

A review of shifts in the geographic distribution of income since 1929 will add perspective to the detailed analysis of regional income growth during the 1960's and its relation to changes in the preceding decade.

The same broad pattern of regional income growth has characterized each major portion of the 40-year span for which regional income data are available. In each of the four decades since 1929, income growth has been faster in the three southern and western regions of the Nation than in the five northern and eastern areas. This trend has persisted over a time span which saw substantial changes in economic conditions. These included a major depression, a world war, disarmament and rearmament, the Korean war, several years of slow economic growth punctuated by recessions, a period of strong and substantial economic growth further stimulated in its later phase by the Viet Nam war and accompanied by serious inflation, and finally a temporary leveling in growth. Within these periods the degree of the income shift from northern and eastern areas to the south and west has varied, but in each period income has

moved persistently towards the latter regions. (See text table A.)

Text table A also shows that the consistency of income change in the individual regions compared with the national average has been striking. The eight regions and the four time periods from 1929 through 1969 provide 32 observations. Among them, only three departures from pattern may be noted. Among the sixteen observations in the postwar period there is only one exception.

The first departure from trend occurred in the Great Lakes. The slightly better-than-average income gain in the region during World War II and its aftermath reflects the large role played by that region in meeting the munitions and other hard goods demands of World War II and the civilian demand for durable goods in the immediate postwar years. When demand rose sharply during and after World War II, excess plant and labor in the Great Lakes was quickly utilized and income expanded more rapidly than in other regions where plants had to be built and a labor force recruited and trained.

The second exception to pattern was in the Plains, and also occurred in the war and immediate postwar period. The rapid growth of the Plains States between 1940 and 1948 reflects the impact of a tremendous increase in demand for agricultural products at home and abroad in those years, a development that this region was able to exploit fully. With the sharp reduction that occurred in farm income during the fifties, income grew more slowly in the

Plains than in any other region, and returned quite quickly to its long-term trend line.

The third exception was in the Rocky Mountain region, which with only 2 percent of U.S. personal income, was economically the smallest of the eight major regions. The slow growth in this region in the 1960's reflects developments in agriculture, a major income source. These developments limited income growth in the nonfarm sector. Although there were large gains in manufacturing, mining, and Federal payrolls, so great was the dampening influence of farm income on other industries that nonfarm income in total expanded by only 90 percent, one of the lowest rates of growth among the eight regions.

Regional growth during the 1960's and 1950's

The fastest growth during the 1960's was in the Southeast, where total personal income more than doubled, compared with a national gain of 95 percent. Above-national-average gains were also scored in the Far West and in the Southwest. New England registered a growth rate a little below that of the Nation as a whole; the Great Lakes, Plains, Mideast, and the Rocky Mountain regions were further below the national average. Tables B and C show personal income growth (both total and nonfarm) for each State and region for both the 1948-57 and 1959-69 time periods. Chart 8 depicts total income growth for the States in the two postwar time periods.

Table A.—Regional Growth Rates and Distribution of Personal Income for Selected Periods

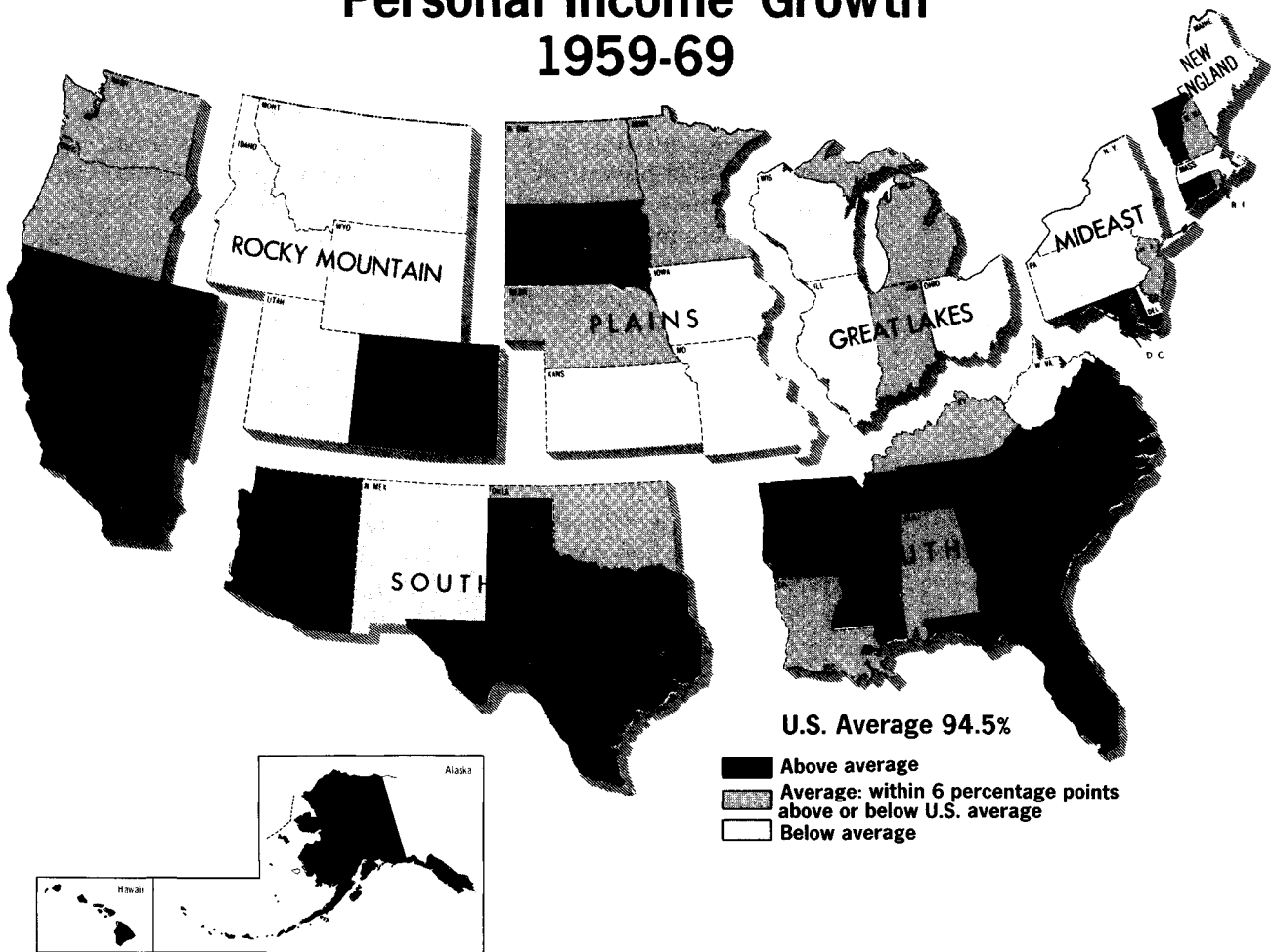
Item	Growth rate (average annual percent change, compounded)				Relative difference between regional and national growth rates ¹			Percent distribution of total personal income				
	1929-1940	1940-1948	1948-1959	1959-1969	1940-1948	1948-1959	1959-1969	1929	1940	1948	1959	1969
United States	-0.8	13.1	5.6	2 6.9	0	0	2 0	100.0	100.0	100.0	2 100.0	2 100.0
Fast-growing regions	.2	15.3	6.6	7.6	16.8	17.9	10.1	25.2	28.2	32.9	36.3	38.6
Southeast.....	.2	15.2	6.0	7.9	16.0	7.1	14.5	11.6	13.1	15.2	15.8	17.3
Far West.....	.4	15.1	7.4	7.3	15.3	32.1	5.8	8.6	9.9	11.4	13.6	14.2
Southwest.....	-.4	15.7	6.6	7.2	19.8	17.9	4.3	5.0	5.2	6.3	6.9	7.1
Slow-growing regions	-1.2	12.1	5.1	6.5	-7.6	-8.9	-5.8	74.8	71.8	67.1	63.2	60.8
New England.....	-1.0	10.3	5.3	6.8	-21.4	-5.4	-1.4	8.2	8.1	6.6	6.4	6.3
Great Lakes.....	-1.2	13.2	5.2	6.5	-8	-7.1	-5.8	23.6	22.7	22.9	21.8	21.1
Plains.....	-1.5	14.8	4.0	6.5	13.0	-28.6	-5.8	8.9	8.3	9.4	7.9	7.6
Mideast.....	-1.3	10.8	5.2	6.3	-17.6	-7.1	-8.7	32.1	30.6	26.0	24.9	23.7
Rocky Mountain.....	-.2	14.4	5.9	6.3	9.9	5.4	-8.7	1.9	2.0	2.2	2.3	2.2

1. [(Regional growth rate divided by national growth rate) less 1.00] 100.

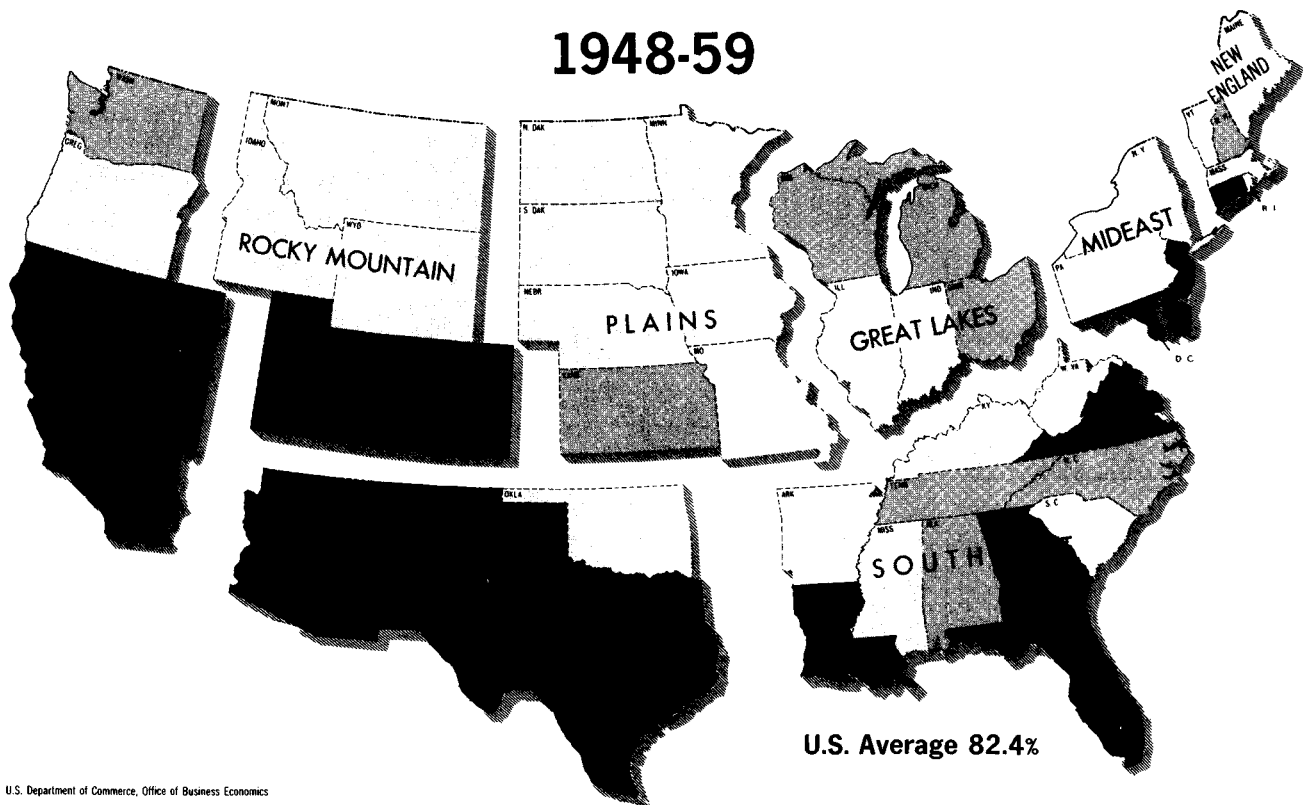
2. Alaska and Hawaii included in U.S. total, but not in any region.

CHART 8

Personal Income Growth 1959-69



1948-59



Although the shift of income to the west and south continued throughout the postwar period, it was less pronounced in the most recent decade. (See chart 7.) Over the first postwar time span, 1948-1959, the rate of personal income growth was nearly 30 percent more in the three fast-growing regions than in the five slow-growing ones,¹ and the share of total personal income accruing to the former rose 3½ percentage points. During the 1959-69 decade, income growth in the three fast-growing regions was 17 percent more than that in the other regions, and their share of total personal income rose 2¼ percentage points.

The moderation of income shifts during the 1960's was evident also among the eight regions and most States. This is summarized by the behavior of the coefficients of variation in growth rates. In the earlier time span this coefficient was 0.17 for regions and 0.47 for States. During the 1960's, it declined to 0.10 and 0.22, respectively.

As pointed out in recent SURVEY articles, a narrowing of regional and State growth rate differentials has been typical of periods of rapid economic expansion throughout the postwar years. In such periods the long-term shift from the slow-growing to the fast-growing regions is retarded, because these periods are characterized by a relatively favorable performance of the durable goods industries, which are more important in the income structure of the north and east than in that of the south and west. The ability of the north and east to respond to cyclical peaks in the demand for durable goods is enhanced by the fact that the long-term shift in durable goods industries away from these regions has resulted in excess capacity of labor and capital which can be drawn into production rapidly.

Shift-Share Analysis

In order to identify the factors underlying postwar regional income trends, use will be made of a technique termed

"shift-share" analysis. In this article this technique decomposes an area's personal income growth into three factors and measures the contribution of each. It provides a useful framework for tracing the causes and effects of income trends although in itself it does not provide the basic answers.

Table B.—State and Regional Change in Total Personal Income

	Percent change		Relative difference between State (regional) and national growth rates ¹	
	1948-1957	1959-1969	1948-1957	1959-1969 ²
United States	66.8	94.5	0	0
Fast-growing States³	79.3	108.8	18.7	15.1
Nevada.....	137.8	163.9	106.3	73.4
Florida.....	154.0	140.6	130.5	48.9
Hawaii.....	n.a.	132.7	n.a.	40.4
Arizona.....	130.7	132.4	95.7	40.1
Georgia.....	75.4	129.1	12.9	36.6
South Carolina.....	58.0	124.1	-13.2	31.3
Alaska.....	n.a.	123.8	n.a.	31.0
North Carolina.....	60.2	123.3	-9.9	30.5
Virginia.....	75.2	120.8	12.6	27.8
Maryland.....	89.6	120.4	34.1	27.4
Vermont.....	52.1	111.9	-22.0	18.4
Tennessee.....	60.4	107.4	-9.6	13.7
Arkansas.....	30.9	105.3	-53.7	11.4
South Dakota.....	16.6	103.6	-75.1	9.6
Mississippi.....	32.5	103.5	-51.3	9.5
California.....	101.3	103.4	51.6	9.4
Connecticut.....	85.4	102.7	27.8	8.7
Texas.....	80.9	102.6	21.1	8.6
Colorado.....	85.9	101.6	28.6	7.5
New Hampshire.....	65.0	100.4	-2.7	6.2
Michigan.....	74.1	100.3	10.9	6.1
Washington.....	63.9	100.2	-4.3	6.0
Minnesota.....	49.4	97.8	-26.0	3.5
Kentucky.....	53.9	97.7	-19.3	3.4
North Dakota.....	11.3	94.9	-83.1	.4
Louisiana.....	87.7	94.9	31.3	.4
Slow-growing States³	58.5	83.1	-12.4	-12.1
Alabama.....	65.7	94.2	-1.6	-.3
Indiana.....	63.4	93.0	-5.1	-1.6
New Jersey.....	80.5	91.3	20.5	-3.4
Rhode Island.....	44.8	90.4	-32.9	-4.3
Oregon.....	50.0	89.8	-25.1	-5.0
Nebraska.....	37.0	89.5	-44.6	-5.3
Oklahoma.....	56.7	89.4	-15.1	-5.4
Massachusetts.....	57.9	87.2	-13.3	-7.7
Utah.....	83.0	86.9	24.3	-8.0
Iowa.....	25.6	85.6	-61.7	-9.4
Delaware.....	109.5	85.5	63.9	-9.5
Illinois.....	55.0	83.7	-17.7	-11.4
Wisconsin.....	60.5	83.6	-9.4	-11.5
New York.....	56.7	83.3	-15.1	-11.9
Ohio.....	70.8	82.4	6.0	-12.8
Kansas.....	58.8	80.6	-12.0	-14.7
Missouri.....	50.9	79.8	-23.8	-15.6
Maine.....	46.0	75.4	-31.1	-20.2
Pennsylvania.....	59.1	75.0	-11.5	-20.6
Idaho.....	52.3	72.4	-21.7	-23.4
District of Columbia.....	25.4	69.1	-62.0	-26.9
New Mexico.....	120.2	63.4	79.9	-32.9
Montana.....	48.1	61.5	-28.0	-34.9
West Virginia.....	39.6	61.2	-40.7	-35.2
Wyoming.....	50.3	50.1	-24.7	-47.0
<i>Coefficient of variation</i>	.45	.22		
Regions				
Fast-growing regions³	79.7	107.1	19.3	13.3
Southeast.....	70.2	113.6	5.1	20.2
Far West.....	91.2	102.9	36.5	8.9
Southwest.....	81.8	100.7	22.5	6.6
Slow-growing regions³	60.5	86.9	-9.4	-8.0
New England.....	62.9	92.3	-5.8	-2.3
Great Lakes.....	64.5	87.9	-3.4	-7.0
Plains.....	41.8	87.1	-37.4	-7.8
Midwest.....	62.5	84.9	-6.4	-10.2
Rocky Mountain.....	69.7	84.2	4.3	-10.9
<i>Coefficient of variation</i>	.20	.10		

N.a. Not available.

1. [(State or regional growth rate divided by national growth rate) less 1.00] 100.

2. Regional rates in this column are based on change over the entire period; those in table A are based on average annual percent change, compounded.

3. Order of States and regions based on 1959-69 rate of growth.

1. An income growth rate in the fast-growing regions of 6.6 percent divided by an income growth rate of 5.1 percent in the slow-growing regions less 100.

The initial step in identifying the factors responsible for geographic variations in changes in total personal income is to dissect the total growth increment into the three effects. These are shown in table F for all States and regions for the 1959-69 period. The effects for the regions for both time periods are shown in table D. Income sources (or components)² are ranked in descending order of national percentage increase from 1959 to 1969. (See chart 9.)

National-growth effect

The first factor in income growth, termed the national-growth effect, measures the overall growth of the national economy. It is calculated by applying to each income component in each region and State in the initial year (1948 or 1959) the national percentage increase in total income between the initial year and the terminal year (1957 or 1969).³ The national growth effect is isolated in order to focus on the two remaining factors which together account for the regional shifts in personal income.

Component-mix effect

The second factor in an area's income change, and the first of the two factors which makes for a *difference* between the growth rate of an area and that of the Nation, stems from differences between income structure or "component-mix" of the area and of the Nation. For instance, to the extent that a large proportion of an area's economy consists of industries or types of income that are growing slowly nationally, that area's total income might expand at a below-average rate even though each income source in the area was increasing at a better-than-average rate.

This compositional effect is measured by applying to each personal income component in an area in the base year

the difference between the national growth rate in that income component and the all-income national growth rate.

For example, where the former is larger, the income component is termed a rapid-growth component. Its presence in the income structure gives a boost to area growth, with the size of the boost among areas varying with the relative proportion of the component located in the area. Where the component growth rate is less than that of the all-income national growth rate, it is termed a slow-growth component and its effect on differential income growth is negative. This effect is a relative one, of course, since an increase in any component will increase total income in an area in absolute terms, other things being equal.

Regional-share effect

The third and final element of an area's income growth, and the second which makes for a *differential* change between the area and the Nation, is called the regional-share effect.

This regional-share element is calculated by applying to each component in the base year the difference between the percentage change in that component in the area and the percentage change in the same component nationally.⁴ An income component that is growing faster (slower) in an area than its counterparts in the Nation as a whole will add to (subtract from) the area's overall growth relative to that of the Nation.

4. Mathematically the shift-share formulation can be stated in the following terms:

Let X_{ij} represent income component i in region j . Let $\sum_j X_{ij} = X_{io}$, and $\sum_i X_{ij} = X_{jo}$.

Let ΔX_{ij} represent the change between an initial time point, o ; and a terminal time point, t , that is: $(X_{ij}^t - X_{ij}^o)$.

Then ΔX_{ij} can be analyzed into three parts as follows:

$$\begin{aligned} \Delta X_{ij} &= [(X_{ij}^o)(r_{jo})] + [(X_{ij}^o)(r_{io} - r_{jo})] + [(X_{ij}^o)(r_{ij} - r_{io})] \\ &= [\text{national-growth effect}] + [\text{component-mix effect}] + \\ &\quad [\text{regional-share effect}] \\ &= X_{ij}^o \cdot r_{ij}. \end{aligned}$$

Where

$$r_{jo} = (X_{jo}^t - X_{jo}^o) / X_{jo}^o$$

$$r_{io} = (X_{io}^t - X_{io}^o) / X_{io}^o$$

$$r_{ij} = (X_{ij}^t - X_{ij}^o) / X_{ij}^o$$

The foregoing notation explicitly takes the *initial* value of X_{ij} as the base for all computed rates, r_{ij} . While this corresponds to usage in the present article, it is also possible to develop a base, b_{ij} , which is a convex combination of the values X_{ij}^o and X_{ij}^t .

It should be noted that the allocation of a relative change in income between that part due to regional-share and that due to component-mix is dependent on the extent to which the personal income measure has been disaggregated.

Regional Growth Factors in the Postwar Period

Text table D shows the three shift-share effects for each of the eight regions. Highlights of the shift-share analysis are:

1. The *national-growth effect* accounts for a larger proportion of total income change in the 1960's than in the 1950's. The primary reason for this is that regional growth differentials were much smaller in the latter decade.

2. The *component-mix effect* was of less importance in the 1960's than in the 1950's because the income structures of the eight regions had become more uniform and because differential growth rates among the income components were smaller in the latter decade.

3. The *regional-share effect* was the most important factor in explaining *differential* regional growth in both periods. Moreover, in each region and in each time period the regional-share effect and deviations from the U.S. growth rate in total personal income were in the same direction.

National-growth effect

On the average, the national-growth effect accounted for more than 90 percent of the total income change during the 1960's, with the effect among individual regions ranging from 83 percent in the Southeast to 112 percent in the Rocky Mountain region.⁵ By State, the variations were larger; national-growth effect accounted for 58 percent of total change in Nevada (the fastest growing State) and nearly 190 percent in Wyoming (the slowest growing State).

The dominance of the national-growth effect reflects the fact that the U.S. economy is really a single entity made up of highly interrelated subeconomies. Each of these subeconomies (States and regions in this report) specializes in the production of goods

2. Most income components shown in this table relate to industrial source, some to a type of income. In most cases it is not feasible to disaggregate the latter industrially.

3. 1957 is used as the terminal year for the 1948-1959 period in the shift-share analysis because it is the last year in which the industrial classification used is directly comparable to that for 1948. The 1948-57 table is available on request.

5. The relative importance of each effect is calculated by expressing its value as a percent of the total income change. In a region with a relative income decline, the national growth effect must account for more than 100 percent of total change because the sum of the other two effects is negative.

or services in which it has a comparative advantage, and the major markets for its specialty lie elsewhere. Accordingly, changes in economic growth in one area are transmitted in large measure to other areas of the Nation.

The increased importance of the national-growth effect in the 1960's (90 percent of total change versus 85 percent during the 1950's) reflects three factors: (1) In 1959, the income structures of the regions were more uniform than they had been in 1948; (2) national growth rates of the various income components were more uniform in the 1960's than in the 1950's; and (3) there was greater uniformity in regional growth rates among individual components in the 1960's than in the 1950's. The obverse effect of these three factors is to diminish the importance of the component-mix and regional-share effect. Points 1 and 2 are considered below under the component-mix effect; point 3 is discussed under the regional-share effect.

Component-mix effect

During the 1960's the component-mix effect played only a small role in explaining differences in regional growth rates in personal income. As seen in text table D, component-mix accounted for from 1 percent to 4 percent of total growth during the 1960's, whereas regional-share accounted for 4 percent to 19 percent in the same period.

Furthermore, there is little correlation between the component-mix effect and relative change in total income. (See chart 10.) In the 1960's there were four regions with advantageous component-mixes. Of these, only in the Far West did income expand at an above-average rate. In the New England, Great Lakes and Midwest regions, income rose at below-average rates. Among the four regions with negative component-mix effects, total income advanced at below-average rates in two (Plains and Rocky Mountain) and at above-average rates in the other two (Southwest and Southeast).

Nationally, seven personal income components grew about one-fourth faster than did total income during the 1960's (see chart 9) and therefore

tended to contribute to a positive component-mix effect. They were: payrolls in ordnance and rubber manufacturing, State and local governments,

and in the service industries, and transfer payments, other labor income, and property income. Because of their considerable weight in total

Table C.—State and Regional Change in Nonfarm Income

	Percent Change		Relative difference between State (regional) and national growth rates ¹	
	1948-1959	1959-1969	1948-1957	1959-1969
United States	77.8	96.5	0	0
Fast-growing States²	94.3	112.1	21.2	16.2
Nevada.....	158.1	168.0	103.2	74.1
Florida.....	157.3	145.1	102.2	50.4
Hawaii.....	n.a.	141.0	n.a.	46.1
Arizona.....	148.5	137.9	90.9	42.9
Georgia.....	91.1	132.3	17.1	37.1
South Carolina.....	77.9	130.9	.1	35.6
North Carolina.....	80.5	129.7	3.5	34.4
Alaska.....	n.a.	124.2	n.a.	28.7
Virginia.....	89.3	124.2	14.8	28.7
Vermont.....	62.2	121.3	-20.1	25.7
Maryland.....	94.5	121.2	21.5	25.6
Arkansas.....	71.7	119.7	-7.8	24.0
Mississippi.....	79.2	115.2	1.8	19.4
Tennessee.....	78.4	113.5	.8	17.6
Texas.....	97.4	107.9	25.2	11.8
California.....	107.5	106.3	38.2	10.2
Colorado.....	108.0	104.1	38.8	7.9
Connecticut.....	87.7	103.5	12.7	7.3
New Hampshire.....	68.2	102.2	-12.3	5.9
Washington.....	73.2	102.0	-5.9	5.7
Michigan.....	80.8	101.6	3.9	5.3
Kentucky.....	75.2	101.5	-3.3	5.2
Minnesota.....	77.8	100.8	.0	4.5
Alabama.....	87.2	97.8	12.1	1.3
Louisiana.....	105.1	97.7	35.1	1.2
Slow-growing States²	66.8	84.1	-14.1	-12.8
Oregon.....	58.9	94.5	-24.3	-2.1
Oklahoma.....	79.5	94.1	2.2	-2.5
Indiana.....	79.4	93.4	2.1	-3.2
New Jersey.....	82.0	92.1	5.4	-4.6
Rhode Island.....	45.4	90.8	-41.6	-5.9
Nebraska.....	70.9	89.3	-8.9	-7.5
Utah.....	93.8	89.0	20.6	-7.8
North Dakota.....	69.1	87.8	-11.2	-9.0
Massachusetts.....	59.3	87.6	-23.8	-9.2
Wisconsin.....	75.8	87.3	-2.6	-9.5
Iowa.....	66.3	86.4	-14.8	-10.5
South Dakota.....	67.0	85.7	-13.9	-11.2
Delaware.....	115.1	85.4	47.9	-11.5
Illinois.....	64.3	84.7	-17.4	-12.2
Kansas.....	95.0	83.9	22.1	-13.1
New York.....	58.2	83.8	-25.2	-13.2
Missouri.....	67.6	83.7	-13.1	-13.2
Ohio.....	78.5	83.2	.9	-13.8
Idaho.....	80.1	76.7	3.0	-20.5
Maine.....	55.6	76.4	-28.5	-20.8
Pennsylvania.....	61.9	75.7	-20.4	-21.6
District of Columbia.....	25.4	69.1	-67.4	-28.4
New Mexico.....	147.2	65.6	89.2	-32.0
Montana.....	80.3	64.7	3.2	-33.0
West Virginia.....	44.9	63.0	-42.3	-34.7
Wyoming.....	62.9	58.0	-19.2	-29.9
Coefficient of variations	.32	.23		
Regions				
Fast-growing regions²	94.8	111.3	21.9	15.3
Southeast.....	89.7	118.5	15.3	22.8
Far West.....	98.5	105.8	26.6	9.6
Southwest.....	100.1	105.7	28.7	9.5
Slow-growing regions²	69.8	88.0	-10.3	-8.8
New England.....	65.5	93.1	-15.8	-3.6
Great Lakes.....	74.2	89.2	-4.6	-7.6
Plains.....	73.7	88.8	-5.3	-8.0
Rocky Mountain.....	92.6	88.1	19.0	-8.7
Midwest.....	64.5	85.5	-17.1	-11.4
Coefficient of variation	.16	.11		

N.a. Not available.

1. [(State or regional growth rate divided by national growth rate) less 1.00]100.

2. Order of States and regions based on 1959-69 rate of growth.

income in all regions and because of their differential regional concentration, developments in three of these components—transfer payments, property income, and State and local government payrolls—explain a noticeable part of the differential regional growth in total income during the 1960's.

However, the differential regional impact of these fast-growing components was much less important than was the impact of the slow-growth components. Nine of the latter expanded at rates less than 50 percent of that registered by total income. They were: farm income (both wages and salaries and farm proprietors' income), wages and salaries in petroleum, leather, tobacco, food and lumber manufacturing, mining wages and salaries, and nonfarm proprietors' income. The most significant of these in explaining regional differentials in growth rates through the component-mix effect were farm income, mining payrolls, and nonfarm proprietors' income.

Farm income bulked largest in the component-mix effect in both postwar decades. Its importance stems from two facts: (1) It is concentrated in the Plains, Rocky Mountain, Southwest, and Southeast regions; and (2) it experienced the smallest rate of increase of any major income component during the 1960's and suffered an actual decline during the 1950's. This served to dampen total income growth in these four areas. It may be noted that farm income was unusually high during the early postwar years.

The role of mining payrolls throughout the postwar period has been similar to that of farming in that it is geographically concentrated (coincidentally, in the same regions as farming) and experienced one of the smallest rates of growth. The unsatisfactory performance of petroleum mining exercised an unusually large drag on the economy of the Southwest.

Nonfarm proprietors' income also

retarded income growth. The geographic impact of changes in this income component centered in New England, Mideast, Great Lakes, and Far West where it was of above-average proportions as an income source.

Textile manufacturing and food processing limited income growth in the Southeast and Plains, respectively.

The component-mix effect explained a smaller proportion of total personal income growth during the 1960's than during the first postwar period. The reduction is due to greater uniformity in growth differentials among personal income components in the United States (see chart 9) and to the growing uniformity of income structure in the various regions and States. These two developments have been closely linked. That is, disparate rates of growth among income components in the 1950's generally led to greater uniformity of income structure in 1959.

Table D.—Regional Growth Effects

Region	1948-1957					1959-1969				
	Total personal income change	Income growth factors				Total personal income change	Income growth factors			
		National growth	Income component-mix	Regional share	Net relative change ¹		National growth	Income component-mix	Regional share	Net relative change ¹
	(Billions of dollars)					(Billions of dollars)				
United States.....	139.6	139.6	0	0	0	361.6	361.6	0	0	0
Fast-growing regions.....	54.7	45.8	-2.7	11.5	8.9	148.7	131.3	-2.4	19.9	17.5
Southeast.....	22.3	21.2	-3.1	4.2	1.1	68.6	57.1	-1.6	13.1	11.5
Far West.....	21.7	15.9	1.2	4.6	5.8	53.6	49.3	.3	4.1	4.4
Southwest.....	10.7	8.7	-.8	2.7	2.0	26.5	24.9	-1.1	2.7	1.6
Slow-growing regions.....	85.0	93.6	2.5	-11.5	-8.8	210.3	228.7	2.4	-20.6	-18.2
New England.....	8.7	9.2	1.2	-1.8	-.5	22.5	23.1	.8	-1.3	-.5
Great Lakes.....	30.8	31.9	1.4	-2.5	-1.1	73.3	78.8	.8	-6.3	-5.5
Plains.....	8.3	13.1	-4.2	-0.8	-4.9	26.3	28.6	-1.0	-1.2	-2.2
Mideast.....	34.0	36.3	4.8	-7.2	-2.4	80.9	90.0	2.1	-11.2	-9.1
Rocky Mountain.....	3.2	3.1	-.7	.8	.1	7.3	8.2	-.3	-.6	-.9
	Percent distribution of dollar change					Percent distribution of dollar change				
United States.....	100.0	100.0	0	0	0	100.0	100.0	0	0	0
Fast-growing regions.....	100.0	83.7	-4.9	21.0	16.3	100.0	88.3	-1.6	13.4	11.8
Southeast.....	100.0	95.1	-13.9	18.8	4.9	100.0	83.2	-2.3	19.1	16.8
Far West.....	100.0	73.3	5.5	21.2	26.7	100.0	92.0	.6	7.6	8.2
Southwest.....	100.0	81.3	-7.5	25.2	18.7	100.0	94.0	-4.2	10.2	6.0
Slow-growing regions.....	100.0	110.1	2.9	-13.5	-10.4	100.0	108.7	1.1	-9.8	-8.7
New England.....	100.0	105.7	13.8	-20.7	-5.7	100.0	102.7	3.6	-5.8	-2.2
Great Lakes.....	100.0	103.6	4.5	-8.1	-3.6	100.0	107.5	1.1	-8.6	-7.5
Plains.....	100.0	157.8	-50.6	-9.6	-59.0	100.0	108.7	-3.8	-4.6	-8.4
Mideast.....	100.0	106.8	14.1	-21.2	-7.1	100.0	111.2	2.6	-13.8	-11.2
Rocky Mountain.....	100.0	96.9	-21.9	25.0	3.1	100.0	112.3	-4.1	-8.2	-12.3

1. The sum of "income component-mix" and "regional-share".

NOTE.—Details may not add to totals because of rounding.

Three industries, farming and textile and apparel manufacturing, were major contributors to the decline in the importance of the component-mix effect. Growth in each of these industries during the 1960's was closer to the all-industry rate than in the 1950's. Also, the relative declines that occurred in these industries during the 1950's made the income structure of the areas in which they were prominent more like that of the Nation.

Farming provides a clear example of these developments. From 1959 through 1969, farm income increased 38 percent as compared with a 95 percent gain in total income. During the 1950's, the disparity between these two rates had been much larger—personal income had increased 67 percent and farm income had declined 33 percent. Also, developments in farm income during the 1950's tended to make regional income structures more uniform. This is evident from a comparison of regional differences in income structures with and without farming.

Regional-share effect

There is a high correlation between the regional-share effect and relative growth in total income. In both the 1960's and 1950's, each region that experienced a positive regional-share effect recorded above-average growth in total income. Similarly, each region with a negative regional-share effect experienced a below-average income gain. (See table D and chart 10.) The situation that prevailed with respect to the 102 observations provided by the States over the two time periods was almost as striking.

Further light on the character of the regional-share effect is shed by its pervasiveness among income components. In regions with positive regional-share effects, 80 percent of the underlying components contributed to this effect. In the remaining regions, which had a negative regional-share effect, about 70 percent of the underlying components contributed. (See text table E.)

From this strong and broadly-based correlation, it is apparent that regional-share is the main explanatory factor in differential regional income growth. It

also follows that regional differences in the growth of the income components, on which the regional-share effect is based, need to receive primary emphasis in projecting regional economic growth.

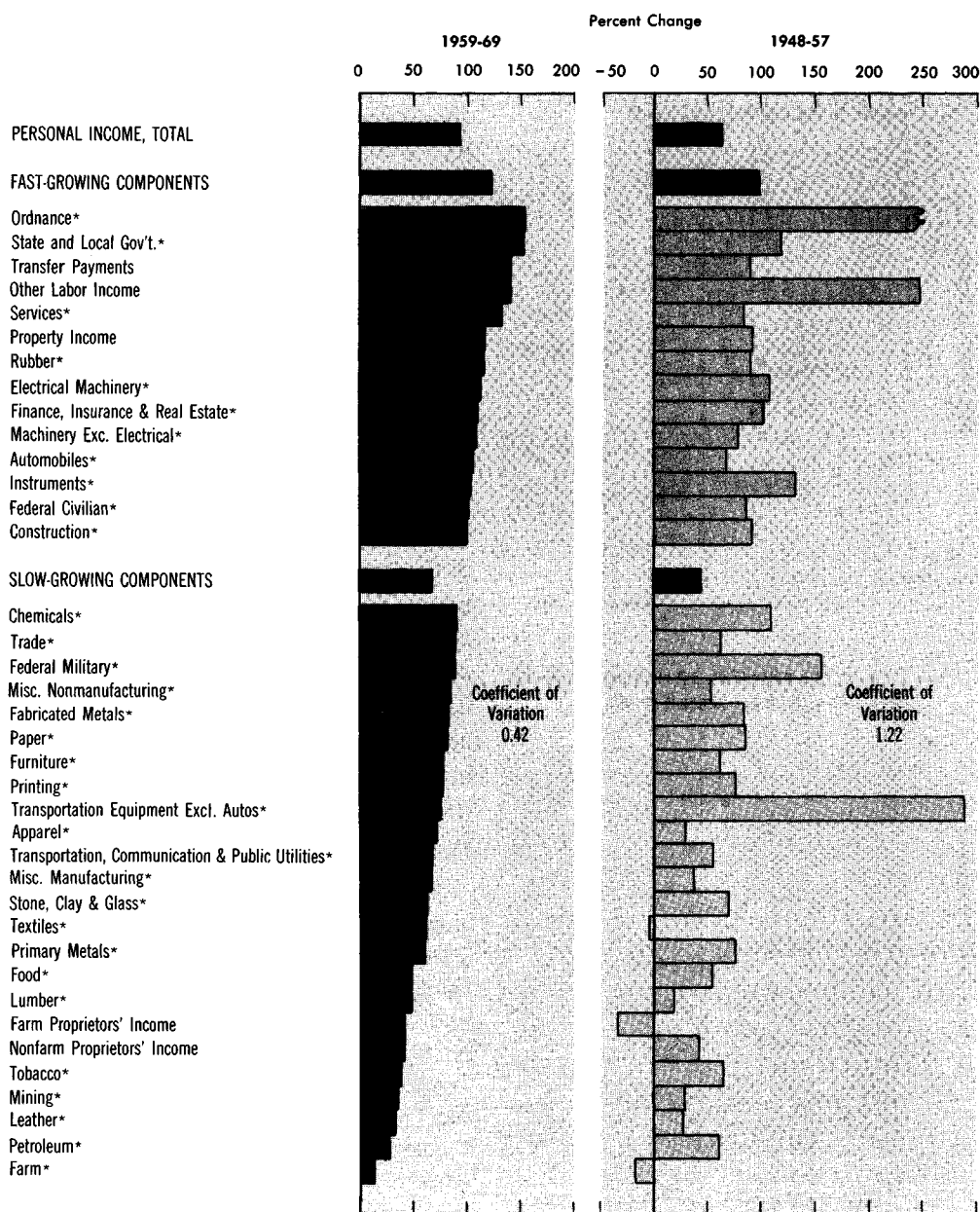
In economic analysis the regional-share effect is generally regarded as an indicator of the competitive position of a given geographic area *vis a vis* other areas. This is so, of course,

because the regional-share effect compares the performance of an industry in a given area with that of the same industry in other areas. This interpretation of the regional-share effect is subject to some qualifications. The fact that the size of the regional-share effect as compared with that of the component-mix effect depends on the degree of aggregation of the income-

CHART 9

Components of Personal Income

Growth rates of the income components showed less variation in the 1960's than earlier in the postwar period



*Wages and Salaries

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70-8-9

components has been stated in footnote 4. Here it should be added that in this economic interpretation of the regional-share effect a distinction should be made between industries whose markets are largely outside of the region and those that cater mainly to intra-regional demand.

Summaries of Regional-Share Effects

Following is a review of the main factors underlying the 1959-69 regional-

share effects in each region or group of regions. In addition, comparisons are made with developments in the 1950's. For those interested in a more detailed examination, the effects of each of the three shift-share factors for each of the regions and States are shown in table F for the 38 personal income components separately.

The regional summaries that follow will utilize the framework of export-base theory which views the Nation as composed of specialized regions engaging in trade with each other. Developments in the export industries are the dynamic element in regional income growth. Given these developments, changes in the remaining industries of the regions follow with a great deal of regularity. A region exports those goods and services in which it has a comparative advantage. A comparative advantage can be established in industries which are dependent on the quantity and quality of natural and human resources or which can benefit from superior technology and economies of scale. In the remaining industries ("residential"), regions are usually self-sufficient. Such industries are generally in the service area but also include some goods producing ones.

It may be noted that there are some difficulties in fitting the real world into the framework of export-base theory. For instance, it is difficult to classify transfer payments and property income, and one or both of these components played an important role in the income growth in 7 of the 8 regions during the 1960's.

Fast-growth regions

Southeast.—In the Southeast, the region with the top-ranking growth rate during the 1960's, there were larger-than-nationwide percentage gains in apparel, textile, nonautomotive transportation equipment, and electrical machinery manufacturing, and in military payrolls. In line with export-base theory the gains in these export industries, in turn, induced large increases in the Southeast's residential industries, particularly trade and construction.

There was also a substantial gain in property income. As noted, such income cannot be fitted neatly into the export-base theory framework. However, it had many of the effects of an export-type industry because a large part of it came to the region from the outside and stimulated demand for the output of residential industries. The large increase in property income in the Southeast came primarily from persons retiring to Florida who owned claims to property income originating elsewhere. In addition, earlier residents of the region benefited from unusually large increases in this income source. Historically, property income has been of below-average proportions in the Southeast, mainly because of low per capita incomes. With the large increases in average income that have marked this region, residents have been able to invest more and, hence, have received more property income.

Transfer payments also rose at an above-average rate in the Southeast for two reasons. First, retirees, especially to Florida, brought social security and other transfer payments with them. Second, the number of people and average payments under unemployment compensation and various State and local welfare programs have risen more sharply in the Southeast than in the rest of the Nation. The first element of this increase affected the growth of the region in much the same way as the influx of property income.

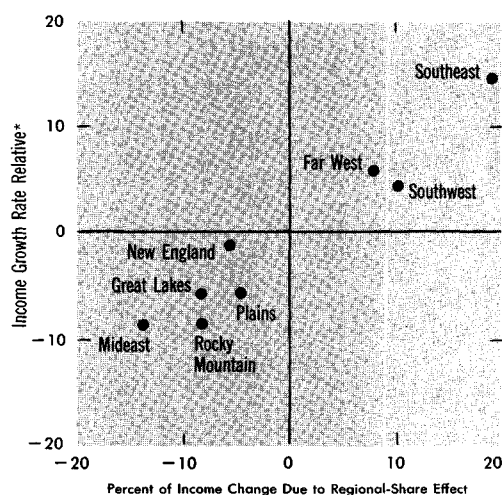
Developments in the Southeast during the 1960's are an extension of long-term trends that were operative during the 1948-57 period also. However, because the regional-share effects were less pronounced and because the component-mix effects were strongly negative—largely because of the decline in agriculture, an important income component in this region—the rate of income growth in the Southeast during the 1950's had a much smaller margin over that in the Nation than it had during the 1960's.

Far West.—Export industries increasing at well-above-average rates in the Far West were electrical and non-electrical machinery manufacturing, farm wages, and military payrolls.

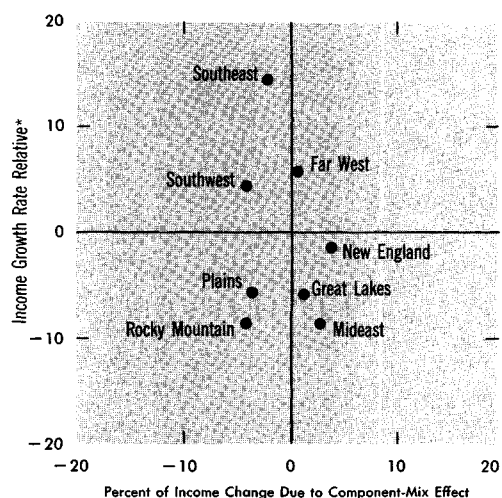
CHART 10

Regional-Share and Component-Mix Effects: 1959-69

The dominant element in differential regional growth is the regional-share effect



There is little correlation between component-mix effect and differential regional growth



*Regional growth rate as a percent of national growth rate

Transfer payments also showed unusually large gains. The growth in national defense spending and heavy immigration contributed greatly to these gains. These developments were only partly offset by below-average gains in farm proprietors' incomes and nonautomotive transportation equipment manufacturing. The net increases in export-base industries helped to stimulate above-average gains in residentiary industries as a whole.

The income experience of the Far West during the 1960's contrasts with that in the first postwar decade when all but two income components in the region grew at more-than-average rates—one an export, the other a residentiary industry. These were military payrolls and construction which were reacting to the exceptionally large expansions in these activities during World War II.

Southwest.—Most export-type industries expanded more rapidly in the Southwest during the 1960's than they did nationwide. The biggest differential growth was in industries manufacturing electrical and nonelectrical machinery, nonautomotive transportation equipment, fabricated metals, and apparel, and in Federal civilian payrolls. Moreover, the movement of pensioners towards the area resulted in especially large increases in transfer payments and property incomes. Farm income was the only export-type component to experience a relative decline. All of these increases, in turn, stimulated the trade and service groups, as well as the construction, finance, insurance and real estate categories.

Slow-growth regions

New England.—Major export industries expanded slowly in New England. These included apparel, textile, rubber, and electrical and nonelectrical machinery manufacturing as well as Federal payrolls. Only nonautomotive transportation equipment manufactures showed a gain significantly above the national average. As a result, income in most residentiary industries rose relatively slowly.

New England's income lag had been significantly greater during the 1950's. This was attributable to the textile

and ordnance industries which had larger weights in the income structure of the region in the earlier decade and which also experienced larger declines.

Great Lakes.—In the Great Lakes during the 1960's, most export and residentiary industries registered gains well below the national averages. Among export components, the most pronounced short-falls were in the machinery and transportation equipment manufacturing groups. The region's income position at the end of the period was bolstered by the war-induced demands. Without this stimulus it is probable that income growth would have lagged behind that in the Nation by an even wider margin.

Developments in the Great Lakes during the 1960's are in line with those of the first postwar decade. During this earlier time span, payrolls in most heavy manufacturing industries went up at a well below-national-average pace. In addition, there was a moderate short-fall in primary metals. Reinforcing the weakness in these industries were relative declines in farm proprietors' income and military wage payments. As a result, the gain in residentiary industries was also weak. The biggest differences between the region and Nation were in trade and in food processing. Smaller differences were registered in the finance, insurance and real estate group, and in transportation.

The Plains.—At first glance, the experience of the Plains region in the

1960's does not seem to conform to export-base theory. Most export-base industries rose more rapidly in the region than in the United States as a whole and yet most residentiary industries grew at less-than-average rates. This apparent contradiction reflects the role of agriculture. Because farm income grew so much more slowly than other export-industries in both the Plains and the Nation, and because farm income is three times more important as a source of income in the Plains than in the Nation, the growth rate of all export-industries combined was less in the Plains than in the Nation. And, in line with export-base theory, income in residentiary industries rose at below-average rates.

While the relative short-fall in total income growth in the Plains in the 1960's was moderate, in the previous decade the region's rate of income growth was the smallest in the Nation. This experience reflects mainly a sharp turn around in farm income. During the first postwar decade farm income in the Plains registered one of the largest declines in the eight regions, whereas in the 1960's it scored by far the greatest increase.

Mideast.—Nearly all export-base industries in the Mideast rose at less-than-average rates from 1959 to 1969, with the largest lags in electrical machinery, apparel, and fabricated metals manufacturing. Declines in the export-

(Continued on page 44.)

Table E.—Number of Income Components in Each Region Which Grew Faster or Slower Than in the Nation, 1959-69

Region	All components		Nationally fast-growing components		Nationally slow-growing components	
	Faster	Slower	Faster	Slower	Faster	Slower
Fast-growing regions, average.....	31	7	12	2	19	5
Southeast.....	34	4	14	0	20	4
Far West.....	29	9	11	3	18	6
Southwest.....	30	8	12	2	18	6
Slow-growing regions, average.....	11	27	4	10	8	16
New England.....	10	28	4	10	6	18
Great Lakes.....	7	31	1	13	6	18
Plains.....	15	23	6	8	9	15
Mideast.....	3	35	1	13	2	22
Rocky Mountain*.....	22	15	7	7	15	8

*Only 37 components; no observation for tobacco manufacturing.

Table F.—Shift-Share Analysis of State and

[Change in millions]

Line	Income components	United States				New England				Maine			
		National growth	Component mix	Regional share	Net relative change ³	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income.....	361,637	0	0	0	23,053	767	-1,303	-536	1,609	-60	-265	-325
2	Fast growing components.....	191,397	62,189	0	62,189	12,985	4,193	-486	3,707	754	263	-152	111
3	Ordinance ¹	1,083	701	0	701	109	71	47	117	0	0	6	6
4	State and local government ¹	21,839	13,981	0	13,981	1,276	817	-226	592	91	59	-12	46
5	Transfer payments.....	25,202	13,202	0	13,202	1,713	897	-217	681	149	78	-45	33
6	Other labor income.....	10,670	5,532	0	5,532	741	384	-63	321	45	23	-9	14
7	Services ¹	25,539	10,443	0	10,443	1,732	708	229	937	95	39	-37	2
8	Property income.....	46,331	10,963	0	10,963	3,067	726	455	1,180	200	47	-28	20
9	Rubber and misc. plastic products ¹	1,906	448	0	448	294	69	-183	-114	4	1	5	6
10	Electrical machinery ¹	7,208	1,361	0	1,361	720	136	-132	4	3	1	22	22
11	Finance, insurance, and real estate ¹	11,164	1,775	0	1,775	816	130	-72	58	35	6	-5	(*)
12	Machinery, except electrical ¹	8,192	1,278	0	1,278	810	126	-267	-140	7	1	2	3
13	Automobiles ¹	4,143	450	0	450	44	5	-9	-4	3	(*)	-2	-2
14	Instruments ¹	1,874	180	0	180	240	23	-5	18	1	(*)	1	1
15	Federal civilian ¹	11,824	936	0	936	593	47	-134	-87	59	5	-26	-21
16	Contract construction ¹	14,424	939	0	939	830	54	91	145	62	4	-24	-20
17	Slow growing components.....	177,716	-51,580	0	-51,580	10,531	-2,769	-787	-3,555	887	-277	-119	-396
18	Chemicals and allied products ¹	4,772	-102	0	-102	193	-4	-41	-46	3	(*)	3	3
19	Wholesale and retail trade ¹	40,626	-1,160	0	-1,160	2,499	-71	-37	-109	166	-5	-27	-32
20	Federal military ¹	7,580	-254	0	-254	458	-15	-295	-311	63	-2	-62	-64
21	Misc. nonmanufacturing ind. ^{1,2}	499	-43	0	-43	47	-4	-16	-20	5	(*)	-4	-5
22	Fabricated metal products ¹	5,942	-695	0	-695	488	-57	-21	-78	10	-1	1	(*)
23	Paper and allied products ¹	2,986	-381	0	-381	361	-46	-99	-145	94	-12	-28	-40
24	Furniture and fixtures ¹	1,572	-250	0	-250	88	-14	-27	-41	3	(*)	1	(*)
25	Printing, publishing and allied ind. ¹	4,576	-775	0	-775	318	-54	8	-46	9	-2	-1	-2
26	Transp. equip. excl. motor vehicles ¹	5,847	-1,148	0	-1,148	577	-113	117	4	22	-4	-7	-11
27	Apparel and other fab. tex. products ¹	3,785	-885	0	-885	286	-67	-123	-189	6	-2	1	(*)
28	Transportation, comm. and public util. ¹	20,822	-5,528	0	-5,528	1,006	-267	25	-242	79	-21	-25	-46
29	Miscellaneous manufacturing ¹	1,596	-446	0	-446	274	-77	-30	-107	3	-1	-1	-2
30	Stone, clay, glass products ¹	2,950	-976	0	-976	127	-42	29	-13	4	-1	1	(*)
31	Textile mill products ¹	3,272	-1,090	0	-1,090	478	-159	-272	-432	48	-16	-21	-37
32	Primary metals industries ¹	7,120	-2,428	0	-2,428	352	-120	-92	-212	1	(*)	3	3
33	Food and kindred products ¹	8,026	-3,816	0	-3,816	354	-168	-53	-222	37	-17	4	-13
34	Lumber and wood prod. excl. furniture ¹	2,331	-1,110	0	-1,110	114	-54	-10	-65	50	-24	-4	-27
35	Farm proprietors' income.....	10,819	-5,881	0	-5,881	159	-86	-23	-110	40	-22	13	-9
36	Nonfarm proprietors' income.....	33,310	-18,120	0	-18,120	1,826	-993	270	-723	149	-81	6	-75
37	Tobacco manufacturers ¹	338	-195	0	-195	4	-2	-2	-4	1	(*)	(*)	(*)
38	Mining ¹	3,763	-2,362	0	-2,362	20	-12	3	-9	1	(*)	(*)	(*)
39	Leather and leather products ¹	1,256	-708	0	-708	392	-249	-70	-319	74	-47	30	-17
40	Petroleum refining and related ind. ¹	1,430	-1,009	0	-1,009	14	-10	-3	-12	(*)	(*)	(*)	(*)
41	Farm ¹	2,497	-2,130	0	-2,130	96	-82	-25	-107	21	-18	-4	-22
42	Less: Personal contributions to soc. ins.....	7,476	10,603	0	10,603	463	657	30	687	32	46	-6	40

Line	Income components	Connecticut				Midwest				New York			
		National growth	Component mix	Regional share	Net relative change ³	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income.....	6,423	227	334	561	90,013	2,117	-11,220	-9,104	41,933	1,745	-6,687	-4,942
2	Fast growing components.....	3,616	1,121	99	1,219	49,825	15,969	-5,712	10,257	23,934	7,885	-3,279	4,606
3	Ordinance ¹	41	27	4	31	188	122	-237	-115	123	80	-272	-192
4	State and local government ¹	318	204	7	211	5,143	3,293	51	3,343	2,796	1,790	-102	1,688
5	Transfer payments.....	375	197	-6	191	6,308	3,304	-471	2,534	2,843	1,489	195	1,684
6	Other labor income.....	218	113	14	127	2,787	1,445	-546	899	1,274	660	-388	272
7	Services ¹	441	180	53	233	7,200	2,944	-846	2,098	3,773	1,543	-821	721
8	Property income.....	930	220	248	468	12,095	2,862	-634	2,227	5,996	1,419	8	1,427
9	Rubber and misc. plastic products ¹	83	20	-67	-48	380	89	-3	86	97	23	-31	-8
10	Electrical machinery ¹	186	35	-35	(*)	2,267	428	-987	-559	816	154	-339	-185
11	Finance, insurance, and real estate ¹	254	40	-2	39	3,595	571	-409	163	2,184	347	-152	195
12	Machinery, except electrical ¹	336	52	-142	-90	1,908	298	-379	-82	857	134	-196	-62
13	Automobiles ¹	12	1	-8	-7	461	50	-43	7	199	22	-42	-20
14	Instruments ¹	92	9	4	13	961	92	-174	-82	602	58	-124	-66
15	Federal civilian ¹	76	6	13	19	3,227	256	-395	-139	925	73	-428	-355
16	Contract construction ¹	254	17	15	32	3,306	215	-638	-423	1,450	94	-588	-493
17	Slow growing components.....	2,927	-724	292	-432	42,092	-11,151	-5,829	-16,980	18,873	-4,900	-3,894	-8,794
18	Chemicals and allied products ¹	75	-2	-11	-13	1,636	-35	-180	-215	530	-11	-220	-231
19	Wholesale and retail trade ¹	633	-18	84	66	10,275	-293	-1,719	-2,013	5,166	-148	-1,406	-1,554
20	Federal military ¹	58	-2	-26	-28	991	-33	-292	-325	280	-9	-230	-239
21	Misc. nonmanufacturing ind. ^{1,2}	9	-1	(*)	99	99	-8	25	16	42	-4	15	12
22	Fabricated metal products ¹	241	-28	7	-21	1,442	-169	-412	-581	495	-58	-235	-293
23	Paper and allied products ¹	44	-6	-2	-8	729	-93	-148	-241	323	-41	-132	-174
24	Furniture and fixtures ¹	18	-3	3	(*)	329	-52	-89	-142	157	-25	-70	-95
25	Printing, publishing and allied ind. ¹	87	-15	11	-3	1,593	-270	-198	-468	937	-159	-166	-325
26	Transp. equip. excl. motor vehicles ¹	412	-81	174	93	947	-186	-342	-528	363	-71	-58	-129
27	Apparel and other fab. tex. products ¹	73	-17	-36	-53	2,030	-475	-620	-1,094	1,195	-279	-531	-810
28	Transportation, comm. and public util. ¹	249	-66	39	-27	5,483	-1,456	-379	-1,835	2,626	-697	-136	-833
29	Miscellaneous manufacturing ¹	79	-22	-23	-45	634	-177	-124	-302	358	-100	-80	-180
30	Stone, clay, glass products ¹	31	-10	26	16	825	-273	-71	-344	242	-80	-21	-101
31	Textile mill products ¹	66	-22	-21	-43	757	-252	-264	-516	290	-97	-114	-211
32	Primary metals industries ¹	175	-60	-65	-125	2,383	-812	-337	-1,149	425	-145	-24	-169
33	Food and kindred products ¹	68	-32	9	-24	1,817	-864	-216	-1,080	790	-375	-239	-615
34	Lumber and wood prod. excl. furniture ¹	8	-4	3	(*)	168	-80	-21	-101	69	-33	-11	-44
35	Farm proprietors' income.....	35	-19	-6	-24	619	-337	37	-299	228	-124	20	-105
36	Nonfarm proprietors' income.....	521	-283	124	-159	7,864	-4,278	-130	-4,407	3,857	-2,098	-145	-2,243
37	Tobacco manufacturers ¹	1	-1	1	(*)	65	-38	-19	-57	20	-11	4	-7
38	Mining ¹	5	-3	1	-2	411	-258	-130	-388	59	-87	(*)	-36
39	Leather and leather products ¹	12	-7	(*)	-8	379	-241	-55	-296	209	-133	-50	-182
40	Petroleum refining and related ind. ¹	4	-3	2	(*)	363	-256	-28	-283	113	-80	-15	-94
41	Farm ¹	24	-20	-4	-24	253	-216	-119	-334	100	-85	-49	-134
42	Less: Personal contributions to soc. ins.....	119	169	56	226	1,904	2,701	-321	2,380	874	1,240	-486	754

See page 32 for footnotes.

Regional Income Changes, 1959-69—Continued

of dollars]

New Hampshire				Vermont				Massachusetts				Rhode Island				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
1,173	-12	85	73	635	(*)	118	118	11,469	577	-1,464	-888	1,744	35	-110	-75	1
631	202	108	310	354	120	124	245	6,701	2,183	-612	1,571	929	303	-53	250	2
(*)	(*)	2	2	(*)	(*)	(*)	(*)	67	43	35	78	(*)	(*)	(*)	1	3
62	40	-7	32	43	28	-5	23	669	429	-197	232	92	59	-11	48	4
89	46	-6	40	58	30	-7	24	890	466	-122	344	152	80	-30	50	5
38	20	2	21	19	10	4	14	366	190	-64	126	55	29	-11	18	6
81	33	5	38	48	20	27	47	958	302	170	562	109	44	10	54	7
153	36	12	49	76	18	41	59	1,482	351	190	540	225	53	-9	44	8
6	1	25	27	5	-2	-1	-2	161	38	-125	-87	34	8	-20	-12	9
40	8	51	59	15	3	51	54	457	86	-251	-165	19	4	30	33	10
31	5	3	8	14	2	3	6	429	68	-62	6	53	8	-10	-2	11
41	6	-10	-3	31	5	-16	-11	347	54	-90	-36	47	7	-11	-4	12
(*)	(*)	(*)	(*)	(*)	0	(*)	(*)	25	3	3	6	(*)	(*)	-2	-2	13
3	(*)	3	3	4	(*)	1	1	126	12	-15	-6	16	1	4	6	14
46	4	-7	-3	17	1	-6	-5	329	26	-102	-76	67	5	-7	-1	15
41	3	34	36	23	2	33	34	395	26	20	46	55	4	13	17	16
566	-180	-16	-196	293	-103	-5	-107	5,001	-1,276	-866	-2,142	857	-209	-73	-281	17
2	(*)	1	1	1	(*)	2	2	105	-2	-42	-44	7	(*)	6	6	18
108	-3	40	37	54	-2	24	22	1,352	-39	-145	-184	186	-5	-13	-18	19
39	-1	-33	-35	9	(*)	-14	-14	193	-6	-138	-145	95	-3	-22	-25	20
2	(*)	(*)	(*)	1	(*)	-1	-1	27	-2	-11	-14	3	(*)	(*)	(*)	21
8	-1	9	8	2	(*)	1	1	188	-22	-33	-55	40	-5	-5	-10	22
35	-5	-15	-19	7	-1	-2	-3	171	-22	-55	-77	8	-1	1	1	23
7	-1	-2	-3	7	-1	-1	-2	51	-8	-29	-37	2	(*)	1	1	24
15	-3	4	2	7	-1	9	8	181	-31	-20	-51	19	-3	5	2	25
1	(*)	3	3	1	(*)	9	9	137	-27	-67	-94	3	-1	5	4	26
8	-2	(*)	-2	5	-1	-3	-5	181	-42	-80	-123	12	-3	-4	-7	27
47	-13	8	-5	32	-8	-2	-11	527	-140	11	-129	72	-19	-6	-25	28
6	-2	-1	-3	2	-1	-1	-1	108	-30	-12	-43	77	-21	8	-13	29
7	-2	(*)	-2	14	-5	-3	-8	60	-20	1	-19	11	-4	(*)	(*)	30
46	-15	-29	-44	4	-1	-4	-5	202	-67	-128	-195	112	-37	-70	-107	31
9	-3	4	(*)	3	-1	3	2	121	-41	-25	-66	43	-15	-12	-27	32
13	-6	1	-5	13	-6	-4	-10	200	-95	-60	-155	25	-12	-4	-16	33
21	-10	-5	-15	12	-6	-4	-10	22	-10	-2	-13	1	-1	1	(*)	34
11	-6	-9	-16	37	-20	-14	-35	32	-17	-4	-22	4	-2	-2	-4	35
96	-52	21	-31	59	-32	6	-26	872	-475	85	-390	129	-70	28	-42	36
1	(*)	-1	-1	-1	-1	-1	-1	2	-1	-2	-3	0	0	0	0	37
1	-1	1	(*)	5	-3	(*)	-3	7	-4	(*)	-4	1	(*)	(*)	(*)	38
75	-48	-13	-61	2	-1	(*)	-2	225	-143	-92	-235	5	(*)	6	(*)	39
(*)	(*)	0	(*)	(*)	(*)	(*)	(*)	9	-6	-5	-11	(*)	(*)	(*)	(*)	40
7	-6	0	-6	12	-11	-5	-16	29	-25	-11	-36	3	(*)	(*)	(*)	41
24	33	7	41	12	17	2	19	233	331	-14	317	42	60	-16	44	42

New Jersey				Pennsylvania				Delaware				Maryland				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
14,967	254	-754	-500	23,306	-215	-4,581	-4,796	1,130	44	-153	-108	6,572	79	1,727	1,806	1
8,014	2,496	-712	1,784	12,008	3,910	-2,472	1,439	602	183	-148	35	3,651	1,084	1,508	2,592	2
6	4	-2	2	27	17	26	43	4	2	-10	-8	29	19	21	40	3
749	479	-98	381	1,081	692	-17	675	52	33	16	49	389	249	241	490	4
893	468	36	503	1,910	1,000	-824	177	54	28	12	40	386	202	119	321	5
515	267	-33	234	752	390	-142	247	35	18	-1	17	180	93	24	117	6
1,128	461	-75	387	1,553	635	-373	262	68	20	-8	20	461	189	402	500	7
1,765	418	210	628	2,973	703	-566	137	242	57	-152	-95	797	189	13	201	8
120	28	34	63	106	25	9	35	12	3	-2	1	42	10	-14	-4	9
726	137	-483	-346	646	122	-137	-15	1	(*)	4	4	77	15	-31	-17	10
505	80	-115	-34	623	99	-161	-62	24	4	(*)	4	202	32	51	83	11
372	58	-45	13	609	95	-129	-34	9	1	-10	-9	60	9	2	11	12
102	11	-59	-47	107	12	-13	-2	31	3	11	15	23	2	59	61	13
206	20	-56	-36	140	13	2	16	1	(*)	7	7	11	1	-3	-2	14
315	25	35	60	660	52	-192	-140	19	2	1	-1	682	54	583	637	15
613	40	-63	-23	820	53	46	99	51	3	-15	-12	314	20	41	62	16
7,260	-1,807	-23	-1,830	11,783	-3,436	-1,924	-5,360	545	-114	2	-113	3,081	-778	251	-527	17
547	-12	82	70	311	-7	-44	-50	177	-4	-9	-13	70	-2	11	9	18
1,709	-49	45	(*)	2,413	-69	-579	-648	86	-2	26	24	724	-21	319	299	19
194	-6	6	(*)	142	-5	-79	-84	29	-1	-3	-4	253	-8	18	10	20
17	-1	5	4	19	-2	-2	-3	1	(*)	-1	-1	9	-1	3	2	21
313	-37	-18	-55	548	-64	-122	-186	11	(*)	-1	-5	73	-8	-31	-40	22
165	-21	-9	-30	198	-25	-7	-33	2	(*)	4	4	39	-5	-1	-6	23
49	-8	-8	-16	100	-16	-7	-22	(*)	(*)	1	1	21	-3	-5	-8	24
208	-35	19	-17	324	-55	-83	-138	6	(*)	-1	-1	83	-14	44	30	25
195	-38	-179	-218	187	-37	110	73	1	(*)	-1	-1	199	-39	-214	-253	26
303	-71	-68	-139	449	-105	-11	-116	13	(*)	-3	-7	69	-16	-3	-19	27
906	-241	137	-103	1,411	-375	-371	-745	48	-13	-10	-23	408	-108	27	-82	28
142	-40	-35	-74	117	-33	-41	-41	2	-1	-3	-4	14	-4	2	-2	29
180	-60	36	-24	351	-116	-91	-208	3	-1	1	(*)	47	-15	6	-9	30
165	-55	-31	-86	269	-90	-86	-176	9	-3	-6	-8	24	-8	-26	-34	31
259	-88	-53	-141	1,463	-499	-258	-757	15	-5	-9	-14	220	-75	7	-68	32
346	-164	33	-132	496	-236	-19	-255	20	-10	11	2	151	-72	10	-62	33
29	-14	-1	-15	52	-25	-2	-27	2	-1	-2	-3	16	-7	-5	-13	34
73	-40	-44	-83	226	-123	-4	-127	27	-15	19	4	64	-35	47	12	35
1,246	-678	80	-598	2,021	-1,099	-58	-1,158	73	-40	-4	-44	541	-294	60	-234	36
7	-4	-7	-11	38	-22	-16	-38	0	0	0	0	(*)	(*)	(*)	-1	37
28	-18	(*)	-17	312	-196	-129	-325	(*)	(*)	0	-1	12	-7	-1	-9	38
52	-33	3	-30	103	-66	-10	-8	7	-4	0	-4	8	-5	1	-4	39
83	-59	-2	-60	155	-109	-9	-118	5	-4	1	-2	7	-5	-2	-7	40
43	-37	-13	-50	75	-64	-39	-103	7	-6	-2	-8	28	-24	-15	-39	41
307	435	19	454	486	689	186	875	17	24	6	31	160	227	32	258	42

Table F.—Shift-Share Analysis of State and

(Change in millions)

Line	Income components	District of Columbia				Great Lakes				Michigan			
		National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income.....	2,104	209	-773	-564	78,799	847	-6,326	-5,478	16,514	762	251	1,013
2	Fast growing components.....	1,616	411	-609	-199	43,539	13,378	-4,255	9,122	10,115	3,018	-40	2,977
3	Ordinance ¹	(*)	(*)	(*)	(*)	157	102	-46	56	65	42	-130	-88
4	State and local government ¹	77	49	10	59	4,403	2,819	-619	2,200	1,085	695	-31	664
5	Transfer payments.....	222	117	-8	108	4,964	2,600	-1,113	1,487	1,083	567	-275	292
6	Other labor income.....	32	17	-6	10	2,674	1,386	-153	1,233	590	306	104	410
7	Services ¹	218	89	29	118	4,821	1,972	-442	1,530	1,019	417	4	421
8	Property income.....	323	76	-148	-71	9,472	2,241	-133	2,108	1,943	460	137	596
9	Rubber and misc. plastic products ¹	(*)	0	(*)	(*)	835	196	-174	22	96	23	-8	15
10	Electrical machinery ¹	1	(*)	(*)	(*)	2,446	462	-840	-378	255	48	-174	-126
11	Finance, insurance, and real estate ¹	56	9	-33	-24	2,091	332	-268	65	351	56	29	85
12	Machinery, except electrical ¹	(*)	(*)	(*)	(*)	3,747	585	-687	-102	863	135	-82	53
13	Automobiles ¹	(*)	0	(*)	(*)	3,119	339	-185	154	1,944	211	180	391
14	Instruments ¹	(*)	(*)	(*)	(*)	343	33	-39	-6	63	6	-43	-37
15	Federal civilian ¹	626	50	-393	-344	1,438	114	-106	8	218	17	13	30
16	Contract construction ¹	59	4	-59	-55	3,029	197	549	746	539	35	236	271
17	Slow growing components.....	550	-115	-242	-356	36,851	-10,273	-2,022	-12,295	6,715	-1,808	376	-1,432
18	Chemicals and allied products ¹	(*)	(*)	(*)	(*)	1,008	-22	27	6	256	-5	-43	-49
19	Wholesale and retail trade ¹	177	-5	-125	-130	8,670	-248	-368	-616	1,654	-47	204	157
20	Federal military ¹	93	-3	-4	-7	518	-17	-151	-168	85	-3	-24	-27
21	Misc. nonmanufacturing ind. ^{1,2}	11	-1	4	3	69	-6	-1	-7	13	-1	2	1
22	Fabricated metal products ¹	1	(*)	-1	-1	2,463	-288	-110	-398	608	-71	39	-32
23	Paper and allied products ¹	2	(*)	-3	-3	802	-102	-95	-198	158	-20	-59	-79
24	Furniture and fixtures ¹	1	(*)	-1	-1	456	-72	-100	-172	102	-16	-5	-21
25	Printing, publishing and allied ind. ¹	34	-6	-11	-17	1,246	-211	-57	-268	155	-26	-4	-30
26	Transp. equip. excl. motor vehicles ¹	1	(*)	(*)	(*)	816	-160	-215	-376	78	-15	-30	-46
27	Apparel and other fab. tex. products ¹	(*)	(*)	(*)	(*)	329	-77	4	-73	43	-10	95	85
28	Transportation, comm. and public util. ¹	84	-22	-26	-48	4,343	-1,153	-444	-1,597	754	-200	3	-197
29	Miscellaneous manufacturing ¹	1	(*)	(*)	(*)	373	-104	-57	-161	55	-15	-14	-29
30	Stone, clay, glass products ¹	2	-1	-2	-2	840	-278	-109	-387	100	-33	13	-20
31	Textile mill products ¹	0	0	0	0	142	-47	-72	-119	11	-4	2	-2
32	Primary metals industries ¹	(*)	(*)	(*)	(*)	2,873	-980	159	-821	501	-171	138	-33
33	Food and kindred products ¹	15	-7	-11	-18	1,942	-923	-174	-1,098	292	-139	-37	-176
34	Lumber and wood prod. excl. furniture ¹	(*)	(*)	0	(*)	247	-117	13	-105	42	-20	1	-19
35	Farm proprietors' income.....	(*)	(*)	(*)	(*)	1,708	-928	48	-881	216	-117	-40	-158
36	Nonfarm proprietors' income.....	126	-69	-62	-130	6,819	-3,709	-193	-3,902	1,422	-773	146	-627
37	Tobacco manufacturers ¹	(*)	(*)	(*)	(*)	12	-7	-11	-14	2	-3	-4	-4
38	Mining ¹	(*)	(*)	(*)	(*)	431	-271	-11	-282	78	-49	-3	-52
39	Leather and leather products ¹	(*)	(*)	(*)	(*)	209	-133	-12	-145	15	-10	10	(*)
40	Petroleum refining and related ind. ¹	(*)	(*)	(*)	(*)	254	-179	5	-174	20	-14	1	-13
41	Farm ¹	(*)	(*)	(*)	(*)	281	-239	-100	-340	54	-46	-17	-62
42	Less: Personal contributions to soc. ins.....	61	87	-78	9	1,591	2,257	49	2,306	316	448	84	532

		Plains				Minnesota				Iowa			
1	Total personal income.....	28,560	-1,002	-1,217	-2,218	6,422	-74	302	229	5,024	-325	-148	-473
2	Fast growing components.....	14,167	4,742	-807	3,935	3,349	1,138	269	1,407	2,462	819	-233	586
3	Ordinance ¹	110	71	72	44	28	-17	12	11	7	27	34	34
4	State and local government ¹	1,737	1,112	-164	948	451	289	-35	253	305	195	-33	162
5	Transfer payments.....	2,112	1,107	-387	720	487	255	-101	154	369	193	-76	117
6	Other labor income.....	722	374	-55	319	176	91	26	117	117	61	-6	54
7	Services ¹	1,710	699	-63	637	415	170	91	261	267	109	-60	49
8	Property income.....	3,954	996	-414	522	830	196	-42	154	683	162	-35	127
9	Rubber and misc. plastic products ¹	73	17	58	75	12	3	16	13	26	10	16	16
10	Electrical machinery ¹	313	59	201	61	11	118	129	86	16	11	27	27
11	Finance, insurance, and real estate ¹	313	129	-126	3	207	33	-17	16	122	19	-9	10
12	Machinery, except electrical ¹	520	81	260	341	152	24	234	258	194	30	-30	1
13	Automobiles ¹	112	17	113	130	19	2	-1	1	10	1	1	2
14	Instruments ¹	706	56	-40	7	78	-21	-14	10	1	1	-3	-2
15	Federal civilian ¹	1,132	74	-185	-111	296	19	33	53	175	11	-24	-12
16	Contract construction ¹	1,132	74	-185	-111	296	19	33	53	175	11	-24	-12
17	Slow growing components.....	14,959	-4,940	-499	-5,439	3,209	-1,017	23	-994	2,661	-1,004	51	-953
18	Chemicals and allied products ¹	222	-5	15	10	29	-1	-11	-12	26	-1	5	4
19	Wholesale and retail trade ¹	3,345	-96	-310	-406	844	-24	-25	-49	522	-15	-58	-73
20	Federal military ¹	445	-15	-53	-67	35	-1	-21	-22	21	-1	-24	-25
21	Misc. nonmanufacturing ind. ^{1,2}	34	-3	2	-1	8	-1	1	(*)	8	-1	-1	-1
22	Fabricated metal products ¹	297	-35	43	8	76	-9	21	12	47	-5	1	-5
23	Paper and allied products ¹	145	-19	163	144	65	-8	161	152	11	-1	8	7
24	Furniture and fixtures ¹	64	-10	-3	-13	12	-2	2	(*)	11	-2	10	8
25	Printing, publishing and allied ind. ¹	332	-56	8	-48	94	-16	3	-13	51	-9	-4	-13
26	Transp. equip. excl. motor vehicles ¹	426	-84	-61	-134	6	-1	25	24	11	-2	5	3
27	Apparel and other fab. tex. products ¹	153	-36	-39	-75	25	-6	-11	-17	12	-3	-2	-5
28	Transportation, comm. and public util. ¹	1,886	-501	-403	-908	435	-116	-71	-187	263	-70	-81	-151
29	Miscellaneous manufacturing ¹	85	-24	-6	-29	21	-6	12	6	18	-5	(*)	-5
30	Stone, clay, glass products ¹	229	-76	-97	-172	73	-24	-67	-91	32	-11	-4	-14
31	Textile mill products ¹	18	-6	4	-2	8	-3	2	-1	7	(*)	4	3
32	Primary metals industries ¹	148	-50	22	-24	33	-11	3	-8	37	-13	9	-3
33	Food and kindred products ¹	1,095	-521	-56	-576	274	-130	3	-127	271	-129	16	-113
34	Lumber and wood prod. excl. furniture ¹	93	-44	-16	-60	32	-15	-2	-17	24	-12	-12	-24
35	Farm proprietors' income.....	2,247	-1,221	816	-405	366	-199	81	-118	608	-331	278	-52
36	Nonfarm proprietors' income.....	2,982	-1,622	-429	-2,051	623	-339	-74	-412	603	-328	-95	-423
37	Tobacco manufacturers ¹	2	-1	-2	-3								
38	Mining ¹	252	-158	-16	-174	86	-54	3	-51	15	-10	3	-7
39	Leather and leather products ¹	124	-79	-25	-104	6	-4	3	-1	1	-1	1	(*)
40	Petroleum refining and related ind. ¹	47	-33	9	-25	7	-5	9	5	1	-1	(*)	(*)
41	Farm ¹	288	-246	-76	-322	51	-43	-25	-69	66	-56	-9	-65
42	Less: Personal contributions to soc. ins.....	567	804	-90	715	137	195	-10	184	99	141	-35	106

See page 32 for footnotes.

Regional Income Changes, 1959-69—Continued

of dollars]

Ohio				Indiana				Illinois				Wisconsin				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
20,792	190	-2,848	-2,659	9,234	-103	-39	-142	24,349	18	-2,802	-2,784	7,909	-19	-888	-906	1
11,320	3,480	-1,747	1,733	4,824	1,508	-316	1,192	12,927	4,002	-1,526	2,476	4,354	1,370	-626	743	2
12	8	75	82	20	13	83	96	21	14	-14	(*)	39	25	-59	-34	3
1,058	677	-266	411	519	332	-141	191	1,265	810	-255	555	475	304	75	379	4
1,328	695	-377	319	590	309	-169	140	1,438	753	-231	522	526	275	-61	215	5
746	387	-112	275	321	166	1	167	767	398	-105	293	250	129	-42	87	6
1,223	500	-224	276	476	195	-80	115	1,673	684	-144	540	430	176	2	177	7
2,525	597	-451	147	972	230	76	306	2,995	709	250	959	1,036	245	-145	100	8
492	116	-223	-107	95	22	-4	24	113	27	69	87	38	9	-6	3	9
640	121	-158	-37	440	83	79	871	164	164	-405	-241	239	45	-98	-53	10
485	77	-67	10	229	36	-20	16	845	134	-190	-56	181	29	-20	9	11
982	153	-101	52	296	46	-62	-15	1,106	173	-335	-162	500	78	-108	-30	12
485	53	29	81	351	38	-171	-133	108	12	-9	3	231	25	-214	-189	13
52	5	13	18	18	2	9	11	185	18	-35	-18	25	2	18	21	14
477	38	-76	-38	162	13	17	30	481	38	-56	-18	101	8	-4	4	15
815	53	189	242	333	22	145	167	1,058	69	-57	12	284	18	36	55	16
9,912	-2,668	-1,112	-3,780	4,590	-1,356	290	-1,066	11,927	-3,269	-1,307	-4,575	3,707	-1,173	-269	-1,441	17
292	-6	-21	-27	136	7	7	290	290	-6	43	37	34	-1	42	41	18
2,204	-63	-164	-227	964	-28	-31	-59	3,051	-87	-344	-431	797	-23	-33	-56	19
134	-4	-39	-44	55	-2	-18	-20	202	-7	-23	-30	42	-1	-46	-47	20
23	-2	-9	-11	6	-1	-1	-1	19	-2	6	4	8	-1	(*)	(*)	21
747	-87	-101	-188	213	-25	63	38	721	-84	-117	-201	173	-20	5	-15	22
200	-26	-23	-49	59	-8	5	-2	171	-22	-2	-24	214	-27	-16	-44	23
101	-16	-54	-71	82	-13	12	-1	129	-21	-30	-51	41	-6	-22	-28	24
312	-53	-30	-82	99	-17	26	9	572	-97	-39	-136	108	-18	-10	-29	25
407	-80	-225	-305	190	-37	19	-18	114	-22	28	6	27	-5	-7	-13	26
67	-16	-18	-34	39	-9	-5	-15	157	-37	-65	-101	22	-5	-4	-9	27
1,130	-300	-134	-434	515	-137	-56	-193	1,571	-417	-224	-642	373	-99	-33	-132	28
91	-25	-30	-55	37	-10	11	(*)	158	-44	-24	-68	32	-9	(*)	-9	29
370	-122	-64	-187	127	-42	-32	-74	211	-70	-39	-109	32	-10	13	3	30
55	-18	-21	-40	5	-2	-4	-5	43	-14	-40	-54	28	-9	-9	-18	31
1,070	-365	-124	-489	538	-183	142	-41	617	-210	-18	-229	147	-50	21	-29	32
419	-199	-55	-254	232	-110	-40	-151	723	-344	-37	-381	277	-132	-5	-137	33
39	-19	10	-9	44	-21	10	-12	60	-29	-8	-36	61	-29	(*)	-28	34
259	-141	-9	-150	286	-155	155	(*)	533	-290	27	-263	414	-225	-84	-309	35
1,706	-928	2	-927	782	-425	85	-340	2,168	-1,179	-357	-1,537	741	-403	-68	-471	36
4	-2	-3	-5	3	-2	-1	-2	2	-1	(*)	-1	(*)	(*)	(*)	(*)	37
112	-70	27	-43	55	-34	-10	-44	170	-107	-23	-130	17	-11	-2	-12	38
42	-27	-2	-29	8	-5	3	-2	76	-49	-16	-65	67	-42	-6	-49	39
66	-46	7	-40	75	-53	-28	-81	91	-64	25	-39	3	-2	(*)	-2	40
59	-51	-30	-81	40	-34	-22	-56	78	-66	-26	-93	50	-42	-6	-48	41
439	623	-11	611	180	255	14	269	505	716	-31	685	152	216	-7	208	42

Missouri				North Dakota				South Dakota				Nebraska				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
8,449	-166	-1,144	-1,310	897	-40	46	5	926	-32	120	88	2,607	-153	15	-138	1
4,197	1,382	-399	983	449	158	-85	73	479	167	-58	108	1,269	420	-80	340	2
51	33	-51	-19	0	0	1	1	0	0	(*)	(*)	1	1	21	22	3
397	254	60	314	77	49	-33	16	74	48	-12	35	170	100	-17	92	4
644	337	-156	181	74	39	-14	25	81	43	-13	29	174	91	-4	87	5
234	121	-34	87	17	9	-7	2	18	9	-5	4	53	28	-2	26	6
567	232	-137	95	52	21	(*)	21	60	25	-10	14	141	58	16	74	7
1,132	268	-152	116	132	31	12	43	139	33	24	57	416	98	-89	9	8
12	3	25	28	(*)	0	0	0	(*)	(*)	(*)	(*)	9	2	-1	1	9
127	24	33	57	(*)	0	0	0	(*)	(*)	6	6	26	5	18	23	10
260	41	-65	-24	19	3	-5	-2	21	3	-2	1	83	13	-16	-3	11
115	18	-4	14	2	(*)	5	6	2	(*)	2	3	17	3	12	14	12
96	10	96	106	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	5	1	9	14	13
18	2	5	6	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3	(*)	9	14	14
235	19	46	64	29	2	1	4	41	3	-14	-11	77	6	-36	-30	15
310	20	-62	-41	48	3	-45	-42	41	3	-33	-30	94	6	5	11	16
4,417	-1,314	-739	-2,054	465	-174	125	-49	468	-170	162	-9	1,388	-503	76	-427	17
115	-2	3	(*)	(*)	0	1	1	1	(*)	-1	-1	9	(*)	1	(*)	18
1,044	-30	-186	-216	118	-3	-39	-42	110	-13	-17	-20	272	-8	1	-6	19
134	-4	-4	-8	12	(*)	61	-60	28	(*)	-16	-17	64	-2	-29	-31	20
6	-1	1	(*)	(*)	2	(*)	-2	(*)	(*)	(*)	(*)	4	(*)	-2	-3	21
122	-14	-5	-19	1	(*)	1	(*)	3	(*)	1	(*)	16	(*)	13	11	22
53	-7	-12	-19	(*)	0	(*)	(*)	(*)	(*)	(*)	(*)	3	(*)	4	4	23
29	-5	-19	-24	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	5	(*)	3	2	24
116	-20	-1	-20	(*)	5	(*)	(*)	(*)	(*)	(*)	(*)	22	(*)	-4	-8	25
178	-35	14	-21	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	7	(*)	1	1	26
99	-23	-34	-58	(*)	0	(*)	(*)	(*)	(*)	(*)	(*)	4	(*)	0	-1	27
604	-160	-109	-269	59	-16	-21	-36	43	-11	-4	-15	181	-48	-48	-96	28
37	-10	-26	-37	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2	(*)	7	6	29
72	-24	-28	-52	2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	10	(*)	1	-2	30
8	-3	-2	-4	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	0	(*)	31
64	-22	-3	-25	0	0	(*)	(*)	0	0	(*)	(*)	3	(*)	-1	2	32
254	-121	-24	-145	12	-6	1	-5	38	-18	-2	-20	130	-62	-18	-79	33
24	-12	-1	(*)	(*)	(*)	(*)	(*)	3	-2	-2	-4	4	(*)	1	(*)	34
420	-228	-137	-365	112	-61	150	89	90	-49	229	180	316	-171	189	15	35
832	-452	-148	-600	101	-55	-13	-68	109	-59	-31	-90	285	-155	-34	-188	36
2	-1	-1	-2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	37
33	-21	18	(*)	12	-8	-4	-11	12	-7	2	-6	12	-8	-6	-14	38
111	-70	-31	-101	(*)	(*)	(*)	(*)	0	0	(*)	(*)	(*)	(*)	(*)	(*)	39
10	-7	1	-6	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	1	(*)	(*)	(*)	40
51	-43	-4	-48	27	-23	-12	-35	19	-16	-3	-19	38	-32	-11	-44	41
165	233	6	240	17	24	-6	18	20	29	-17	11	50	70	-19	51	42

Table F.—Shift-Share Analysis of State and

[Change in millions]

Line	Income components	Kansas				Southeast				Virginia			
		National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income.....	4,234	-212	-409	-621	57,056	-1,607	13,139	11,532	6,607	-59	1,899	1,840
2	Fast growing components.....	1,963	658	-221	436	27,452	9,375	6,477	15,852	3,359	1,006	1,317	2,323
3	Ordinance ¹	3	2	20	22	66	43	223	266	4	3	-8	-5
4	State and local government ¹	263	168	-93	75	3,529	2,259	471	2,730	379	243	187	430
5	Transfer payments.....	284	149	-23	126	4,466	2,340	580	2,919	407	213	125	338
6	Other labor income.....	107	56	-27	28	1,541	799	481	1,280	162	84	52	136
7	Services ¹	208	85	38	123	3,958	1,618	135	1,754	434	177	161	339
8	Property income.....	622	147	-132	15	6,541	1,548	1,450	2,998	717	170	219	389
9	Rubber and misc. plastic products ¹	15	3	8	11	116	27	245	272	10	2	31	33
10	Electrical machinery ¹	14	3	16	18	449	85	556	641	33	6	81	87
11	Finance, insurance, and real estate ¹	102	16	-10	6	1,513	241	370	611	181	29	39	67
12	Machinery, except electrical ¹	39	6	40	46	335	52	496	548	18	3	35	38
13	Automobiles ¹	26	3	13	16	136	15	83	97	11	1	4	5
14	Instruments ¹	2	(*)	12	13	48	5	98	103	6	1	2	3
15	Federal civilian ¹	110	9	-25	-16	2,481	196	393	589	726	57	306	364
16	Contract construction ¹	169	11	-59	-48	2,273	148	895	1,043	272	18	82	99
17	Slow growing components.....	2,351	-757	-195	-952	30,751	-9,354	6,909	-2,445	3,398	-851	601	-251
18	Chemicals and allied products ¹	41	-1	18	17	1,076	-23	188	165	168	-4	32	28
19	Wholesale and retail trade ¹	434	-12	12	(*)	6,105	-174	1,654	1,480	691	-20	188	168
20	Federal military ¹	160	-5	-19	-24	2,295	-77	468	391	532	-18	106	89
21	Misc. nonmanufacturing ind. ^{1,2}	4	(*)	4	4	114	-10	-11	-21	11	-1	-4	-5
22	Fabricated metal products ¹	33	-4	11	7	437	-51	313	262	39	-5	3	-2
23	Paper and allied products ¹	13	-2	1	(*)	598	-76	98	22	58	-7	(*)	-8
24	Furniture and fixtures ¹	6	-1	2	1	392	-62	227	165	57	-9	30	21
25	Printing, publishing and allied ind. ¹	39	-7	16	10	390	-66	146	80	51	-9	20	12
26	Transp. equip. excl. motor vehicles ¹	223	-44	-98	-141	452	-89	655	567	91	-18	48	30
27	Apparel and other fab. tex. products ¹	14	-3	3	(*)	641	-150	631	481	56	-13	48	35
28	Transportation, comm. and public util. ¹	300	-80	-69	-149	3,260	-866	547	-319	420	-111	8	-103
29	Miscellaneous manufacturing ¹	5	-1	1	(*)	92	-26	110	85	13	-4	-1	-5
30	Stone, clay, glass products ¹	37	-12	1	-11	460	-152	130	-23	32	-11	19	8
31	Textile mill products ¹	(*)	(*)	(*)	(*)	1,812	-604	576	-28	118	-39	25	-15
32	Primary metals industries ¹	11	-4	9	6	668	-228	97	-130	40	-14	17	3
33	Food and kindred products ¹	117	-56	-31	-87	1,097	-521	339	-182	110	-52	27	-25
34	Lumber and wood prod. excl. furniture ¹	6	-3	(*)	-3	592	-282	98	-184	58	-28	15	-12
35	Farm proprietors' income.....	336	-182	26	-157	2,914	-1,584	-70	-1,654	160	-87	-30	-117
36	Nonfarm proprietors' income.....	430	-234	-36	-269	5,260	-2,862	519	-2,343	501	-273	45	-228
37	Tobacco manufacturers ¹	(*)	(*)	(*)	(*)	255	-147	29	-118	55	-32	16	-16
38	Mining ¹	82	-51	-32	-83	984	-618	55	-563	65	-41	7	-34
39	Leather and leather products ¹	6	-4	1	-3	106	-67	128	60	16	-10	2	-8
40	Petroleum refining and related ind. ¹	29	-21	-4	-25	135	-95	-3	-99	3	-2	(*)	-2
41	Farm ¹	37	-32	-12	-44	614	-524	-15	-539	53	-46	-19	-64
42	Less: Personal contributions to soc. ins.....	79	112	-8	105	1,148	1,628	247	1,875	151	214	18	232

Line	Income components	South Carolina				Georgia				Florida			
		National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income.....	2,958	-140	1,067	928	5,878	-210	2,363	2,152	8,792	278	4,018	4,296
2	Fast growing components.....	1,265	445	428	873	2,690	899	876	1,775	4,923	1,647	2,637	4,284
3	Ordinance ¹	0	0	2	2	(*)	(*)	13	13	59	38	11	49
4	State and local government ¹	179	114	32	147	325	208	130	338	547	350	314	664
5	Transfer payments.....	208	109	21	129	415	218	28	246	725	380	611	991
6	Other labor income.....	88	46	49	94	162	84	94	178	187	97	147	244
7	Services ¹	187	77	30	107	408	167	16	183	801	328	246	573
8	Property income.....	283	67	54	121	594	141	225	365	1,424	337	637	974
9	Rubber and misc. plastic products ¹	5	1	9	10	4	1	42	43	2	1	27	27
10	Electrical machinery ¹	10	2	49	50	21	4	31	35	45	8	171	179
11	Finance, insurance, and real estate ¹	66	10	23	33	187	30	68	98	305	48	151	200
12	Machinery, except electrical ¹	17	3	61	64	36	6	20	26	24	4	87	90
13	Automobiles ¹	(*)	(*)	5	5	56	6	13	19	2	(*)	1	1
14	Instruments ¹	2	(*)	11	11	4	(*)	6	7	7	1	26	27
15	Federal civilian ¹	118	9	14	23	276	22	70	92	257	20	119	140
16	Contract construction ¹	102	7	69	76	199	13	120	133	537	35	89	124
17	Slow growing components.....	1,751	-502	674	172	3,311	-934	1,520	586	4,033	-1,137	1,430	293
18	Chemicals and allied products ¹	70	-2	58	56	47	-1	15	14	73	-2	7	5
19	Wholesale and retail trade ¹	262	-7	112	105	718	-20	345	324	1,113	-32	518	486
20	Federal military ¹	206	-7	50	44	274	-9	167	158	350	-12	-32	-44
21	Misc. nonmanufacturing ind. ^{1,2}	4	(*)	1	1	20	-2	-3	-5	27	-2	1	-1
22	Fabricated metal products ¹	5	-1	36	36	26	-3	64	61	62	-7	33	26
23	Paper and allied products ¹	39	-5	25	20	85	-11	43	32	71	-9	8	-1
24	Furniture and fixtures ¹	11	-2	3	1	26	-4	5	(*)	29	-5	2	-3
25	Printing, publishing and allied ind. ¹	14	-2	4	1	47	-8	25	17	63	-11	36	26
26	Transp. equip. excl. motor vehicles ¹	2	(*)	49	49	106	-21	190	169	79	-15	164	149
27	Apparel and other fab. tex. products ¹	67	-16	45	30	117	-27	78	50	23	-5	59	54
28	Transportation, comm. and public util. ¹	115	-31	46	15	360	-96	168	72	491	-130	284	154
29	Miscellaneous manufacturing ¹	4	-1	16	15	14	-4	7	4	7	-2	16	14
30	Stone, clay, glass products ¹	23	-8	36	28	37	-12	28	16	54	-18	17	-1
31	Textile mill products ¹	433	-144	110	-34	313	-104	114	9	3	-1	7	6
32	Primary metals industries ¹	6	-2	2	(*)	22	-7	15	7	10	-3	5	2
33	Food and kindred products ¹	35	-17	18	1	150	-71	64	-7	130	-62	74	12
34	Lumber and wood prod. excl. furniture ¹	37	-18	3	-15	66	-31	10	-22	44	-21	-2	-22
35	Farm proprietors' income.....	134	-73	-25	-98	254	-138	124	-14	351	-191	-10	-201
36	Nonfarm proprietors' income.....	236	-128	104	-24	531	-289	64	-225	886	-482	137	-345
37	Tobacco manufacturers ¹	4	-2	-1	-3	1	-1	1	(*)	19	-11	-6	-17
38	Mining ¹	6	-4	2	-2	23	-14	14	(*)	38	-24	4	-20
39	Leather and leather products ¹	(*)	(*)	1	(*)	11	-7	6	-1	4	-3	9	6
40	Petroleum refining and related ind. ¹	1	-1	(*)	-1	4	-3	(*)	-3	3	-2	3	1
41	Farm ¹	38	-33	-21	-54	58	-50	-24	-73	103	-88	94	7
42	Less: Personal contributions to soc. ins.....	58	83	35	117	123	175	33	208	164	232	49	281

See page 32 for footnotes.

Regional Income Changes, 1959-69—Continued

of dollars]

West Virginia				Kentucky				Tennessee				North Carolina				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
2,775	-148	-830	-978	4,397	-188	338	150	5,095	-129	828	699	6,358	-402	2,342	1,941	1
1,234	466	-464	2	2,118	716	129	845	2,417	837	390	1,227	2,693	967	897	1,864	2
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3
171	110	-68	42	238	152	21	173	319	204	32	236	405	259	42	301	4
285	149	-133	16	390	205	-66	139	391	205	28	233	427	224	31	254	5
103	53	-66	-13	122	63	2	65	147	76	51	127	182	94	95	190	6
145	59	-83	-24	263	108	-44	64	358	147	-29	118	401	164	6	170	7
293	69	-111	-42	470	111	-18	94	551	130	54	185	626	148	217	365	8
2	(*)	4	4	11	3	26	28	26	6	30	36	9	2	37	39	9
18	3	-6	-3	109	21	17	37	57	11	54	64	105	20	44	63	10
50	8	-26	-18	93	15	7	22	133	21	29	51	152	24	72	96	11
16	2	2	4	89	14	33	47	39	6	54	60	42	7	124	130	12
5	1	8	9	31	3	22	25	6	1	18	19	7	1	2	3	13
1	(*)	1	1	4	(*)	10	11	14	1	-6	-4	2	(*)	22	22	14
59	5	-22	-17	130	10	27	37	209	17	-55	-38	134	11	45	55	15
87	6	36	41	167	11	91	102	163	11	79	90	201	13	161	174	16
1,599	-532	-404	-936	2,365	-782	215	-567	2,787	-812	456	-355	3,789	-1,193	1,528	335	17
159	-3	-86	-89	68	-1	-1	-3	246	-5	31	26	61	-1	75	73	18
248	-7	-72	-79	442	-13	16	3	556	-16	129	113	640	-18	289	271	19
19	-1	-18	-18	151	-5	39	34	100	-3	-51	-55	283	-9	147	137	20
1	(*)	(*)	(*)	6	(*)	-3	-3	5	(*)	2	1	10	-1	(*)	-1	21
27	-3	-4	-7	73	-9	8	(*)	74	-9	35	26	28	-3	43	40	22
6	-1	-2	-2	12	-1	11	10	43	-6	17	11	66	-8	-2	-10	23
4	-1	1	(*)	23	-4	-6	-10	46	-7	28	21	141	-22	102	80	24
14	-2	-1	-4	44	-7	10	3	54	-9	14	5	37	-6	21	15	25
6	-1	11	10	10	-2	-2	-4	16	-3	44	41	13	-3	1	-1	26
10	-2	4	1	49	-11	35	23	93	-22	80	59	76	-18	144	126	27
212	-56	-82	-138	262	-70	-19	-89	258	-68	17	-62	293	-78	125	48	28
4	-1	1	(*)	7	-2	9	7	16	-5	21	16	5	-1	17	16	29
103	-34	-35	-69	29	-9	7	-2	56	-18	5	-14	32	-10	37	26	30
5	-2	-1	-3	9	-3	2	-1	94	-31	14	-17	694	-231	271	40	31
161	-55	-35	-90	69	-23	21	-2	64	-22	35	13	10	-4	28	24	32
34	-16	-9	-25	123	-59	-16	-74	122	-58	26	-33	103	-49	55	6	33
17	-8	1	-7	28	-13	1	-12	47	-22	3	-19	74	-35	7	-28	34
42	-23	-36	-59	292	-158	28	-130	258	-140	-87	-227	437	-237	61	-176	35
212	-115	-7	-108	437	-238	51	-188	522	-284	56	-228	569	-310	93	-216	36
2	-1	-1	-2	43	-25	19	-6	4	-2	(*)	-2	124	-72	3	-69	37
295	-185	-47	-232	140	-88	-8	-96	28	-18	2	-16	11	-7	9	2	38
3	-2	5	3	8	-5	13	8	28	-28	51	23	3	-2	13	11	39
4	-3	(*)	-3	7	-5	2	-3	45	-2	1	(*)	1	-1	(*)	-1	40
11	-9	-6	-15	35	-30	-4	-33	38	-32	-14	(*)	78	-66	(*)	-78	41
58	82	-38	44	86	122	6	128	109	154	19	173	123	175	83	258	42
Alabama				Mississippi				Louisiana				Arkansas				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
4,433	-127	116	-11	2,429	-154	388	234	5,048	-122	144	21	2,284	-205	465	260	1
2,176	734	-112	622	1,092	401	160	561	2,493	890	-72	818	991	367	291	657	2
(*)	(*)	42	42	0	0	12	12	(*)	90	91	0	0	0	10	10	3
282	181	-54	127	167	107	-24	83	379	-116	127	137	88	-25	63	4	4
365	191	-17	174	219	115	3	118	409	-66	214	148	226	118	14	132	5
126	65	16	81	62	32	21	54	144	74	-1	73	57	30	21	50	6
307	125	-60	66	162	66	-30	36	353	145	-69	76	138	57	-9	47	7
433	102	31	134	231	55	63	118	694	-33	164	132	222	52	111	163	8
36	9	-8	1	6	2	23	25	(*)	(*)	(*)	3	1	1	25	26	9
17	3	14	17	19	4	23	27	(*)	(*)	(*)	28	14	3	52	55	10
116	18	-17	2	49	8	15	23	135	21	-7	15	47	7	16	23	11
18	3	34	37	12	2	21	23	18	3	2	6	6	1	21	22	12
12	1	-1	(*)	2	(*)	4	4	1	(*)	(*)	2	6	1	5	5	13
(*)	(*)	5	5	(*)	(*)	6	6	1	(*)	(*)	1	6	(*)	1	13	14
307	24	-109	-85	82	7	-1	5	113	9	5	14	70	6	-6	(*)	15
156	10	12	22	81	5	23	28	245	16	89	105	64	4	44	48	16
2,351	-728	226	-502	1,381	-494	244	-250	2,649	-879	236	-643	1,337	-510	183	-327	17
43	-1	16	15	17	(*)	4	3	102	-2	34	31	21	(*)	4	3	18
434	-12	21	8	214	-6	37	31	571	-16	33	17	216	-6	38	32	19
125	-4	34	30	85	-3	28	25	111	-4	37	33	56	-2	-40	-42	20
8	-1	-2	-3	7	-1	-4	-5	11	-4	-4	-5	5	(*)	5	5	21
54	-6	19	12	10	-1	-34	33	29	-3	20	16	10	-1	23	22	22
61	-8	38	30	43	-5	-25	-31	-11	-25	-35	32	-4	9	5	5	23
8	-1	12	11	19	-3	33	30	4	-1	(*)	-1	23	-4	17	13	24
24	-4	5	1	9	-2	-1	-2	23	-4	(*)	-3	12	-2	12	10	25
56	-11	29	17	39	-8	30	22	31	-6	79	73	4	-1	11	11	26
54	-13	71	58	61	-14	36	22	15	-3	6	2	19	-4	25	21	27
230	-61	-8	-69	113	-30	5	-25	377	-100	2	-98	129	-34	3	-32	28
4	-1	7	6	4	-1	12	10	4	-1	-1	-2	7	-2	6	4	29
34	-11	(*)	-11	17	-6	8	2	30	-10	7	-3	15	-5	2	-3	30
122	-41	15	-26	14	-5	11	6	2	-1	-1	-2	6	-2	11	9	31
246	-84	-8	-92	2	-1	8	7	23	-8	2	-6	15	-5	8	3	32
74	-35	33	-2	46	-22	22	(*)	119	-57	2	-55	51	-24	45	20	33
56	-26	19	-8	51	-24	33	9	54	-26	(*)	-26	62	-29	9	-21	34
224	-122	-9	-130	285	-155	-33	-175	173	-94	-12	-105	306	-166	-55	-221	35
392	-213	-47	-260	250	-136	(*)	-136	491	-267	-11	-278	233	-127	18	-109	36
2	-1	1	(*)	0	0	0	0	2	-1	-2	-3	0	0	0	0	37
57	-36	-21	-56	33	-21	-1	-22	261	-164	101	-63	27	-17	-6	-23	38
2	-1	3	4	4	-2	5	3	1	(*)	(*)	(*)	11	-7	20	13	39
4	-3	3	(*)	3	-2	7	5	91	-64	-19	-84	11	-8	(*)	-7	40
36	-31	-4	-35	55	-47	-14	-61	42	-35	-11	-46	68	-58	18	-40	41
94	133	-2	131	44	62	16	78	94	134	21	154	44	62	8	70	42

Table F.—Shift-Share Analysis of State and

[Change in millions]

Line	Income components	Southwest				Oklahoma				Texas			
		National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income	24,885	-1,085	2,727	1,642	3,902	-182	-26	-208	16,998	-877	2,342	1,465
2	Fast growing components	12,084	4,010	1,738	5,748	1,947	651	-60	591	7,987	2,637	1,481	4,118
3	Ordinance ¹	55	36	-16	20	(*)	(*)	(*)	(*)	9	6	71	77
4	State and local government ¹	1,550	992	-106	886	244	156	-68	88	986	631	-63	568
5	Transfer payments	1,609	843	328	1,171	345	181	-52	129	1,015	532	225	757
6	Other labor income	649	336	59	396	99	51	-14	37	452	234	57	291
7	Services ¹	1,666	681	227	908	207	85	14	99	1,127	461	177	638
8	Property income	3,317	785	58	843	525	124	-10	114	2,317	548	50	598
9	Rubber and misc. plastic products ¹	39	9	38	47	11	3	7	10	27	6	27	34
10	Electrical machinery ¹	106	20	496	516	10	2	50	52	77	15	292	306
11	Finance, insurance, and real estate ¹	681	108	130	238	95	15	(*)	15	483	77	105	182
12	Machinery, except electrical ¹	278	43	192	236	48	7	31	38	209	33	106	139
13	Automobiles ¹	44	5	25	29	5	(*)	8	9	37	4	13	17
14	Instruments ¹	33	3	50	53	6	1	-8	-8	21	2	41	43
15	Federal civilian ¹	999	79	133	212	210	17	28	45	576	46	104	149
16	Contract construction ¹	1,058	69	122	191	143	9	-45	-36	650	42	277	319
17	Slow growing components	13,299	-4,389	994	-3,395	2,030	-726	36	-690	9,359	-3,021	855	-2,166
18	Chemicals and allied products ¹	279	-6	83	77	8	(*)	-7	-7	265	-6	92	86
19	Wholesale and retail trade ¹	2,864	-82	367	285	408	(*)	-46	-57	2,027	-58	362	304
20	Federal military ¹	1,035	-35	-9	-44	143	-5	10	5	719	-24	4	-20
21	Misc. nonmanufacturing ind. ^{1,2}	27	-2	10	8	5	(*)	3	2	16	-1	7	6
22	Fabricated metal products ¹	198	-23	146	123	40	-5	29	24	144	-17	103	86
23	Paper and allied products ¹	55	-7	39	32	4	(*)	2	2	51	-6	31	25
24	Furniture and fixtures ¹	48	-8	18	11	4	-1	3	2	41	-6	15	8
25	Printing, publishing and allied ind. ¹	172	-29	41	12	25	-4	2	-2	126	-21	31	10
26	Transp. equip. excl. motor vehicles ¹	415	-81	379	297	46	-9	45	36	314	-62	307	245
27	Apparel and other fab. tex. products ¹	111	-26	108	82	9	-2	19	17	95	-22	80	58
28	Transportation, comm. and public util. ¹	1,540	-409	-61	-470	228	-61	8	-53	1,077	-286	-48	-334
29	Miscellaneous manufacturing ¹	24	-7	21	14	3	-1	4	3	19	-5	12	7
30	Stone, clay, glass products ¹	145	-48	48	1	32	-10	3	-7	98	-32	34	2
31	Textile mill products ¹	25	-8	5	-3	3	-1	4	3	22	-7	-1	-8
32	Primary metals industries ¹	174	-59	52	-8	17	-6	1	-4	134	-46	44	-1
33	Food and kindred products ¹	413	-196	43	-153	64	-30	-4	-35	304	-145	43	-101
34	Lumber and wood prod. excl. furniture ¹	88	-42	24	-18	7	-4	-1	-5	57	-27	26	-2
35	Farm proprietors' income	1,334	-725	-304	-1,029	221	-120	-37	-157	908	-494	-257	-751
36	Nonfarm proprietors' income	2,600	-1,414	-44	-1,459	422	-230	8	-221	1,785	-971	(*)	-971
37	Tobacco manufacturers ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
38	Mining ¹	1,155	-725	-34	-759	256	-161	-8	-169	710	-446	-72	-518
39	Leather and leather products ¹	10	-7	11	4	1	-1	1	(*)	9	-6	10	4
40	Petroleum refining and related ind. ¹	338	-238	1	-237	40	-34	10	-24	284	-201	-10	-211
41	Farm ¹	247	-210	50	-161	35	-30	-12	-42	154	-131	41	-91
42	Less: Personal contributions to soc. ins.	498	706	5	711	75	107	2	109	348	493	-6	487

		Idaho				Wyoming				Colorado			
1	Total personal income	1,162	-111	-160	-271	676	-64	-254	-318	3,547	-39	306	267
2	Fast growing components	503	178	-124	55	325	108	-176	-69	1,862	611	186	796
3	Ordinance ¹	(*)	(*)	2	3	2	1	-4	-3	12	8	76	84
4	State and local government ¹	79	51	-36	15	54	34	-24	10	238	162	27	180
5	Transfer payments	85	44	-24	21	40	21	-11	10	256	154	-9	125
6	Other labor income	28	15	-9	6	16	8	-12	-4	83	43	15	58
7	Services ¹	67	27	-3	25	34	14	-18	-4	244	100	55	155
8	Property income	132	31	-33	-2	91	22	-41	-19	494	117	-73	44
9	Rubber and misc. plastic products ¹	0	0	(*)	(*)	0	0	(*)	(*)	33	8	-19	-11
10	Electrical machinery ¹	0	0	2	2	(*)	2	(*)	(*)	12	23	24	39
11	Finance, insurance, and real estate ¹	22	3	-2	2	11	2	-3	-1	105	17	60	65
12	Machinery, except electrical ¹	3	(*)	(*)	1	(*)	2	2	2	29	5	60	65
13	Automobiles ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3	(*)	4	4
14	Instruments ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2	(*)	20	20
15	Federal civilian ¹	37	3	-2	1	25	2	-7	-5	177	14	12	26
16	Contract construction ¹	50	3	-22	-18	49	3	-54	-51	174	11	-29	-18
17	Slow growing components	679	-261	-33	-293	363	-154	-87	-241	1,754	-553	136	-416
18	Chemicals and allied products ¹	18	(*)	-24	-24	1	(*)	(*)	(*)	10	(*)	-2	-2
19	Wholesale and retail trade ¹	130	-4	-33	-36	64	-2	-31	-33	435	-12	54	41
20	Federal military ¹	21	-1	-7	-7	8	(*)	11	11	111	-4	145	141
21	Misc. nonmanufacturing ind. ^{1,2}	2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	4	(*)	(*)	(*)
22	Fabricated metal products ¹	3	(*)	1	1	1	0	-1	-1	15	-2	15	13
23	Paper and allied products ¹	4	(*)	1	-1	0	0	0	0	4	(*)	4	3
24	Furniture and fixtures ¹	(*)	(*)	1	1	(*)	0	(*)	(*)	5	-1	4	3
25	Printing, publishing, and allied ind. ¹	5	-1	-1	-1	3	(*)	-1	-2	34	-6	1	1
26	Transp. equip. excl. motor vehicles ¹	2	(*)	9	8	(*)	0	(*)	(*)	67	-13	-103	-116
27	Apparel and other fab. tex. products ¹	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)	5	-1	1	(*)
28	Transportation, comm. and public util. ¹	70	-19	-23	-42	58	-15	-25	-40	233	-62	8	-54
29	Miscellaneous manufacturing ¹	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	7	-2	3	5
30	Stone, clay, glass products ¹	3	-1	2	1	3	-1	(*)	-1	22	-7	12	5
31	Textile mill products ¹	0	0	(*)	(*)	0	0	(*)	(*)	(*)	(*)	(*)	(*)
32	Primary metals industries ¹	5	-2	2	0	0	0	(*)	(*)	47	-16	-9	-25
33	Food and kindred products ¹	33	-16	28	12	6	-3	-1	-4	84	-40	18	-22
34	Lumber and wood prod. excl. furniture ¹	59	-28	8	-20	4	-2	(*)	-2	8	-4	3	-1
35	Farm proprietors' income	141	-77	32	-45	56	-31	-37	-68	133	-72	-13	-85
36	Nonfarm proprietors' income	123	-67	-15	-82	69	-38	-18	-55	394	-214	-76	-290
37	Tobacco manufacturers ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
38	Mining ¹	19	-12	3	-9	55	-34	23	-11	82	-51	12	-40
39	Leather and leather products ¹	(*)	(*)	(*)	(*)	0	0	(*)	(*)	9	-6	17	12
40	Petroleum refining and related ind. ¹	(*)	(*)	(*)	(*)	16	-11	-6	-17	6	-4	-1	-5
41	Farm ¹	38	-33	-15	-47	19	-16	-3	-19	41	-35	38	3
42	Less: Personal contributions to soc. ins.	20	29	4	32	12	17	-9	9	68	97	16	113

Regional Income Changes, 1959-69—Continued

of dollars]

New Mexico				Arizona				Rocky Mountain				Montana				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
1,664	-22	-524	-546	2,321	-4	934	930	8,238	-341	-552	-894	1,270	-89	-354	-443	1
893	302	-295	8	1,257	420	611	1,031	4,132	1,378	-393	985	608	214	-267	-52	2
14	9	-36	-27	33	21	-50	-29	27	18	56	74	0	0	4	4	3
142	91	-38	53	177	114	63	177	577	369	-91	279	95	61	-60	1	4
94	49	34	83	155	81	122	203	589	308	-102	206	104	55	-57	-2	5
40	21	-24	-3	58	30	41	71	200	104	-32	71	30	15	-16	-1	6
164	67	-64	3	167	68	100	169	514	210	15	225	72	30	-37	-7	7
183	43	-60	-17	293	69	78	147	1,086	257	-220	37	179	42	-60	-17	8
0	0	1	1	1	(*)	3	3	34	8	-15	-7	0	0	1	1	9
1	(*)	15	15	18	(*)	3	140	144	3	38	40	0	0	(*)	(*)	10
38	6	-13	-7	64	10	38	49	205	33	-2	31	25	4	-10	-6	11
2	(*)	1	2	10	3	53	56	43	7	80	87	1	(*)	(*)	(*)	12
(*)	(*)	1	4	1	(*)	3	3	4	(*)	5	6	(*)	(*)	(*)	(*)	13
1	(*)	-2	-2	6	(*)	1	19	20	(*)	19	19	(*)	(*)	(*)	(*)	14
113	9	-25	-16	100	8	26	34	425	34	52	85	44	3	4	7	15
101	7	-85	-78	164	11	-25	-14	409	27	-194	-167	57	4	-35	-32	16
802	-281	-249	-530	1,108	-361	352	-9	4,271	-1,485	-174	-1,659	691	-263	-112	-374	17
2	(*)	-2	-2	4	(*)	(*)	(*)	39	-1	-32	-33	4	(*)	-5	-5	18
161	-5	-49	-54	267	-8	99	92	964	-28	-90	-117	141	-4	-57	-61	19
90	-3	-60	-63	84	-3	36	34	181	-6	153	147	24	-1	-2	-3	20
2	(*)	(*)	(*)	11	(*)	(*)	-1	8	(*)	(*)	(*)	1	(*)	(*)	(*)	21
3	(*)	(*)	(*)	1	(*)	(*)	13	32	-4	11	7	1	(*)	(*)	(*)	22
0	(*)	(*)	(*)	1	(*)	(*)	5	10	-1	6	5	1	(*)	(*)	(*)	23
(*)	(*)	(*)	(*)	3	(*)	(*)	(*)	8	-1	4	2	(*)	(*)	(*)	(*)	24
6	(*)	-1	-2	15	(*)	(*)	6	60	-10	6	-4	8	(*)	(*)	(*)	25
13	(*)	-3	-6	42	(*)	(*)	33	24	-19	-96	-115	(*)	(*)	(*)	(*)	26
1	(*)	2	1	6	(*)	(*)	8	6	9	-2	10	(*)	(*)	(*)	(*)	27
100	(*)	-27	-56	135	(*)	(*)	8	582	-155	-100	-255	101	(*)	(*)	(*)	28
1	(*)	-2	-3	1	(*)	(*)	3	11	-3	3	(*)	1	(*)	(*)	(*)	29
7	(*)	-2	-6	8	(*)	(*)	14	45	-15	10	(*)	4	(*)	(*)	(*)	30
(*)	(*)	2	0	0	(*)	(*)	0	0	(*)	(*)	(*)	0	(*)	(*)	(*)	31
1	(*)	(*)	-1	22	(*)	(*)	-8	118	-40	-5	-45	16	(*)	(*)	(*)	32
14	(*)	-7	-7	30	(*)	(*)	5	180	-85	35	-51	18	(*)	(*)	(*)	33
8	(*)	(*)	-4	16	(*)	(*)	-8	107	-51	24	-27	32	(*)	(*)	(*)	34
93	-51	-6	-57	111	-60	-3	-64	501	-273	-24	-297	132	-72	-11	-73	35
164	-89	-79	-168	228	-124	26	-98	862	-469	-152	-621	128	-70	-22	-91	36
110	-69	-18	-87	79	-49	64	14	265	-167	40	-127	39	-24	-3	-27	37
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	9	-6	18	12	(*)	(*)	(*)	(*)	38
4	-3	1	-2	39	(*)	(*)	(*)	39	-28	-13	-40	9	-6	-2	-8	39
19	-16	-3	-19	(*)	(*)	(*)	(*)	142	-121	19	-102	31	-27	1	-25	40
31	44	-20	24	44	62	29	92	165	234	-14	220	29	41	-24	16	42
Utah				Far West				Washington				Oregon				Line
National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change	
1,583	-38	-90	-128	49,261	315	4,074	4,389	6,178	-93	467	374	3,614	-196	16	-180	1
835	266	-11	255	26,274	8,878	2,986	11,863	2,989	1,029	-36	993	1,682	598	44	642	2
13	9	-22	-14	370	-30	210	210	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3
111	71	1	72	3,500	2,241	582	2,823	440	282	49	331	259	166	-22	143	4
103	54	(*)	54	3,359	1,760	1,343	3,102	477	250	-101	149	271	142	-11	131	5
43	22	-10	12	1,316	682	291	973	167	87	32	119	110	57	-9	48	6
98	40	17	57	3,819	1,562	643	2,204	376	154	5	158	224	91	-34	57	7
189	45	-14	30	6,626	1,568	-650	917	772	183	-61	122	427	101	13	114	8
1	(*)	2	2	134	31	35	66	1	(*)	7	7	2	(*)	3	3	9
4	1	12	13	891	168	667	836	13	2	9	11	19	4	38	42	10
42	7	-10	-3	1,410	224	324	548	166	26	39	65	86	14	21	35	11
10	2	17	19	550	86	306	391	29	5	36	41	29	5	26	30	12
1	(*)	2	2	181	20	11	31	9	1	-2	1	6	1	17	18	13
(*)	(*)	3	3	133	13	50	62	1	(*)	3	3	5	(*)	4	5	14
142	11	45	57	1,721	136	133	269	268	21	-42	-21	104	8	-1	7	15
77	5	-54	-49	2,263	147	-717	-570	269	18	-8	10	138	9	(*)	8	16
784	-255	-79	-334	24,088	-7,000	1,165	-5,835	3,317	-941	504	-437	2,001	-697	-8	-705	17
6	(*)	-2	-2	318	-7	-64	-70	72	-2	-85	-86	8	(*)	3	3	18
194	-6	-23	-28	5,737	-164	395	231	718	-20	22	2	439	-13	18	6	19
17	-1	5	5	1,385	-46	246	200	214	-7	51	44	31	-1	-24	-25	20
1	(*)	(*)	0	93	-8	-6	-14	12	-1	-2	-3	6	-1	-2	-3	21
13	(*)	-4	-6	583	-68	28	-40	35	-4	2	-2	27	-3	17	14	22
1	(*)	1	1	278	-35	39	3	93	-12	3	-11	40	-5	8	2	23
3	(*)	-1	-2	185	-29	-29	-58	14	-3	-5	-5	10	-2	5	3	24
10	(*)	2	1	454	-77	44	-33	43	-7	4	-4	27	-5	-9	25	25
26	-5	-3	-8	2,118	-416	-451	-867	423	-83	329	246	11	-2	37	35	26
4	-1	9	8	221	-52	26	-26	12	-3	5	2	9	-2	0	-2	27
120	-32	-21	-52	2,625	-697	705	8	332	-88	43	-45	237	-63	-2	-65	28
2	-1	1	1	103	-29	83	54	8	-2	2	(*)	5	-1	4	3	29
13	-4	-4	-9	274	-91	48	-43	29	-10	5	-5	14	-5	3	-2	30
1	(*)	-1	-1	38	-13	22	10	3	-1	-1	-2	10	-3	-4	-7	31
50	-17	-5	-22	404	-138	102	-36	62	-21	32	11	34	-11	14	2	32
39	-18	-9	-27	1,061	-504	94	-410	135	-64	17	-48	90	-43	15	-28	33
4	-2	1	-1	915	-436	-124	-560	229	-109	1	-108	379	-180	-38	-218	34
39	-21	-4	-26	1,305	-710	-466	-1,175	168	-91	52	-39	134	-73	-60	-132	35
148	-81	-21	-102	4,970	-2,704	125	-2,578	626	-341	32	-308	428	-233	8	-225	36
71	-45	4	-40	234	-147	52	-94	10	-6	2	-4	7	-4	3	-1	37
(*)	(*)	(*)	(*)	25	-16	5	-11	1	-1	(*)	-1	1	-1	(*)	-1	38
9	-7	-4	-11	240	-169	26	-143	10	-7	-2	-8	2	-1	1	(*)	39
13	-11	-3	-14	523	-446	264	-182	68	-58	-6	-65	53	-45	-10	-55	40
35	50	-1	49	1,101	1,562	77	1,639	127	180	1	182	69	97	20	117	42

Table F.—Shift-Share Analysis of State and Regional Income Changes, 1959-69—Continued

[Change in millions of dollars]

Line	Income components	Nevada				California			
		National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income.....	729	46	490	536	38,739	558	3,101	3,659
2	Fast growing components.....	446	154	381	535	21,157	7,097	2,596	9,693
3	Ordinance ¹	0	0	0	0	370	240	-29	211
4	State and local government ¹	47	30	60	91	2,753	1,763	495	2,258
5	Transfer payments.....	35	18	41	60	2,576	1,349	1,413	2,763
6	Other labor income.....	17	9	9	18	1,021	529	259	788
7	Services ¹	163	67	184	251	3,056	1,250	488	1,738
8	Property income.....	92	22	15	37	5,335	1,262	-617	645
9	Rubber and misc. plastic products ¹	(*)	0	(*)	(*)	131	31	25	56
10	Electrical machinery ¹	(*)	0	4	4	859	162	617	779
11	Finance, insurance, and real estate ¹	14	2	21	24	1,144	182	242	424
12	Machinery, except electrical ¹	(*)	(*)	(*)	(*)	491	77	243	320
13	Automobiles ¹	(*)	0	(*)	(*)	166	18	-4	14
14	Instruments ¹	0	0	(*)	(*)	127	12	42	54
15	Federal civilian ¹	32	3	13	16	1,317	104	163	267
16	Contract construction ¹	44	3	33	36	1,812	118	-742	-824
17	Slow growing components.....	297	-88	125	37	18,473	-5,274	544	-4,730
18	Chemicals and allied products ¹	4	(*)	-1	-2	234	-5	20	15
19	Wholesale and retail trade ¹	81	-2	49	46	4,499	-128	306	178
20	Federal military ¹	27	-1	11	10	1,114	-37	207	170
21	Misc. nonmanufacturing ind. ^{1,2}	1	(*)	1	1	74	-6	-3	-9
22	Fabricated metal products ¹	1	(*)	2	2	520	-61	7	-53
23	Paper and allied products ¹	0	0	(*)	(*)	145	-18	30	11
24	Furniture and fixtures ¹	(*)	(*)	1	1	161	-26	-32	-58
25	Printing, publishing and allied ind. ¹	4	-1	3	2	380	-64	41	-23
26	Transp. equip. excl. motor vehicles ¹	1	(*)	-1	-1	1,683	-330	-817	-1,147
27	Apparel and other fab. tex. products ¹	(*)	0	(*)	(*)	201	-47	21	-26
28	Transportation, comm. and public util. ¹	51	-13	26	12	2,005	-532	638	106
29	Miscellaneous manufacturing ¹	1	(*)	2	2	90	-25	75	49
30	Stone, clay, glass products ¹	5	-2	2	(*)	227	-75	39	-36
31	Textile mill products ¹	0	0	(*)	(*)	25	-8	27	19
32	Primary metals industries ¹	6	-2	5	3	302	-103	51	-52
33	Food and kindred products ¹	5	-2	1	-2	830	-395	61	-333
34	Lumber and wood prod. excl. furniture ¹	3	-1	-2	-4	304	-145	-85	-230
35	Farm proprietors' income.....	15	-8	-2	-10	989	-538	-457	-995
36	Nonfarm proprietors' income.....	71	-39	18	-20	3,845	-2,091	66	-2,025
37	Tobacco manufacturers ¹	16	-10	11	1	(*)	(*)	(*)	(*)
38	Mining ¹	0	0	0	0	201	-126	36	-90
39	Leather and leather products ¹	0	0	0	0	23	-15	5	-9
40	Petroleum refining and related ind. ¹	0	0	(*)	(*)	228	-161	27	-134
41	Farm ¹	7	-6	(*)	-6	394	-336	280	-57
42	Less: Personal contributions to soc. ins.....	14	20	17	37	892	1,265	39	1,304

Line	Income components	Alaska				Hawaii			
		National growth	Component mix	Regional share	Net relative change	National growth	Component mix	Regional share	Net relative change
1	Total personal income.....	530	10	156	166	1,242	-16	519	502
2	Fast growing components.....	291	71	38	108	647	196	413	608
3	Ordinance ¹	32	20	62	83	93	59	39	98
4	State and local government ¹	22	12	11	11	59	31	40	71
5	Transfer payments.....	10	5	12	17	31	16	10	26
6	Other labor income.....	31	12	13	26	87	36	89	125
7	Services ¹	33	8	-7	1	141	33	94	127
8	Property income.....	0	0	(*)	(*)	(*)	0	(*)	(*)
9	Rubber and misc. plastic products ¹	(*)	0	(*)	(*)	(*)	(*)	(*)	(*)
10	Electrical machinery ¹	(*)	1	6	7	32	5	46	51
11	Finance, insurance, and real estate ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
12	Machinery, except electrical ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
13	Automobiles ¹	0	0	(*)	(*)	(*)	(*)	(*)	(*)
14	Instruments ¹	103	8	-39	-31	130	10	14	24
15	Federal civilian ¹	52	3	-8	-5	72	5	83	88
16	Contract construction ¹	250	-46	124	78	623	-173	117	-56
17	Slow growing components.....	239	-25	118	58	595	-189	106	-139
18	Chemicals and allied products ¹	(*)	0	3	3	2	(*)	1	1
19	Wholesale and retail trade ¹	41	-1	33	32	126	-4	77	73
20	Federal military ¹	107	-4	-17	-21	164	-5	-51	-56
21	Misc. nonmanufacturing ind. ^{1,2}	5	(*)	-5	-5	1	(*)	3	2
22	Fabricated metal products ¹	(*)	(*)	(*)	(*)	2	(*)	1	1
23	Paper and allied products ¹	(*)	-1	(*)	-1	1	(*)	-1	-2
24	Furniture and fixtures ¹	(*)	(*)	(*)	(*)	3	(*)	-2	-3
25	Printing, publishing and allied ind. ¹	(*)	(*)	(*)	(*)	9	(*)	2	(*)
26	Transp. equip. excl. motor vehicles ¹	(*)	(*)	(*)	(*)	(*)	(*)	5	5
27	Apparel and other fab. tex. products ¹	(*)	0	(*)	(*)	5	(*)	3	2
28	Transportation, comm. and public util. ¹	(*)	-7	45	38	67	-18	66	48
29	Miscellaneous manufacturing ¹	(*)	(*)	(*)	(*)	(*)	(*)	1	1
30	Stone, clay, glass products ¹	1	(*)	1	(*)	5	(*)	10	9
31	Textile mill products ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
32	Primary metals industries ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
33	Food and kindred products ¹	4	-2	1	-1	63	-30	-14	-44
34	Lumber and wood prod. excl. furniture ¹	5	-3	10	8	2	-1	1	(*)
35	Farm proprietors' income.....	1	(*)	-1	-2	30	-16	-12	-28
36	Nonfarm proprietors' income.....	38	-21	13	-8	89	-48	21	-27
37	Tobacco manufacturers ¹	9	-6	40	34	(*)	(*)	(*)	(*)
38	Mining ¹	0	0	(*)	(*)	(*)	(*)	(*)	(*)
39	Leather and leather products ¹	0	0	(*)	(*)	(*)	(*)	3	3
40	Petroleum refining and related ind. ¹	1	(*)	(*)	-1	52	-45	2	-42
41	Farm ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
42	Less: Personal contributions to soc. ins.....	10	14	6	20	28	39	11	50

*Less than \$500,000.

1. Wage and salary disbursements.

2. Includes wages and salaries in forestry and fisheries, agricultural services, and rest of the world.

3. Sum of component-mix and regional-share.

NOTE.—Details may not add to totals because of rounding.

Source: U.S. Department of Commerce, Office of Business Economics.

AMONG States, gains in total personal income last year ranged from a low of 6¼ percent in Louisiana to a high of 14 percent in Nevada. Increases in per capita income ranged from 4¾ percent in Washington to 13½ percent in North Dakota. Among regions, personal income growth was largest in the Southwest and Southeast, and smallest in the Mideast and New England.

An analysis of factors underlying regional differences in growth during the 1960's is presented in an article beginning on page 14 of this issue of the SURVEY.

The following tables contain State personal

income estimates. Tables 1 and 2 show total and per capita income annually for the post-war period, including revised data for the last three years. Tables 4-63 and 70 contain breakdowns by type of income and by industrial source for 1967-69. The figures for 1969 are the first detailed estimates for that year. Those for 1967 and 1968 are revisions of estimates published in the August 1969

SURVEY. An extension of tables 4-62 and 70 back to 1948 is available on request.

These estimates were prepared in the OBE Regional Economics Division by Vivian Conklin, Elizabeth Queen, Q. Francis Dallavalle, Kenneth Berkman, Maurice Schlak, Gordon Lester, Jr., Michael Carroll, Victor Sahadachny, William Reid, and Lynn Hazen, under the direction of Edwin J. Coleman.

By THE REGIONAL ECONOMICS DIVISION STAFF

State and Regional Personal Income in 1969

CHART 11

Per Capita Personal Income, 1969

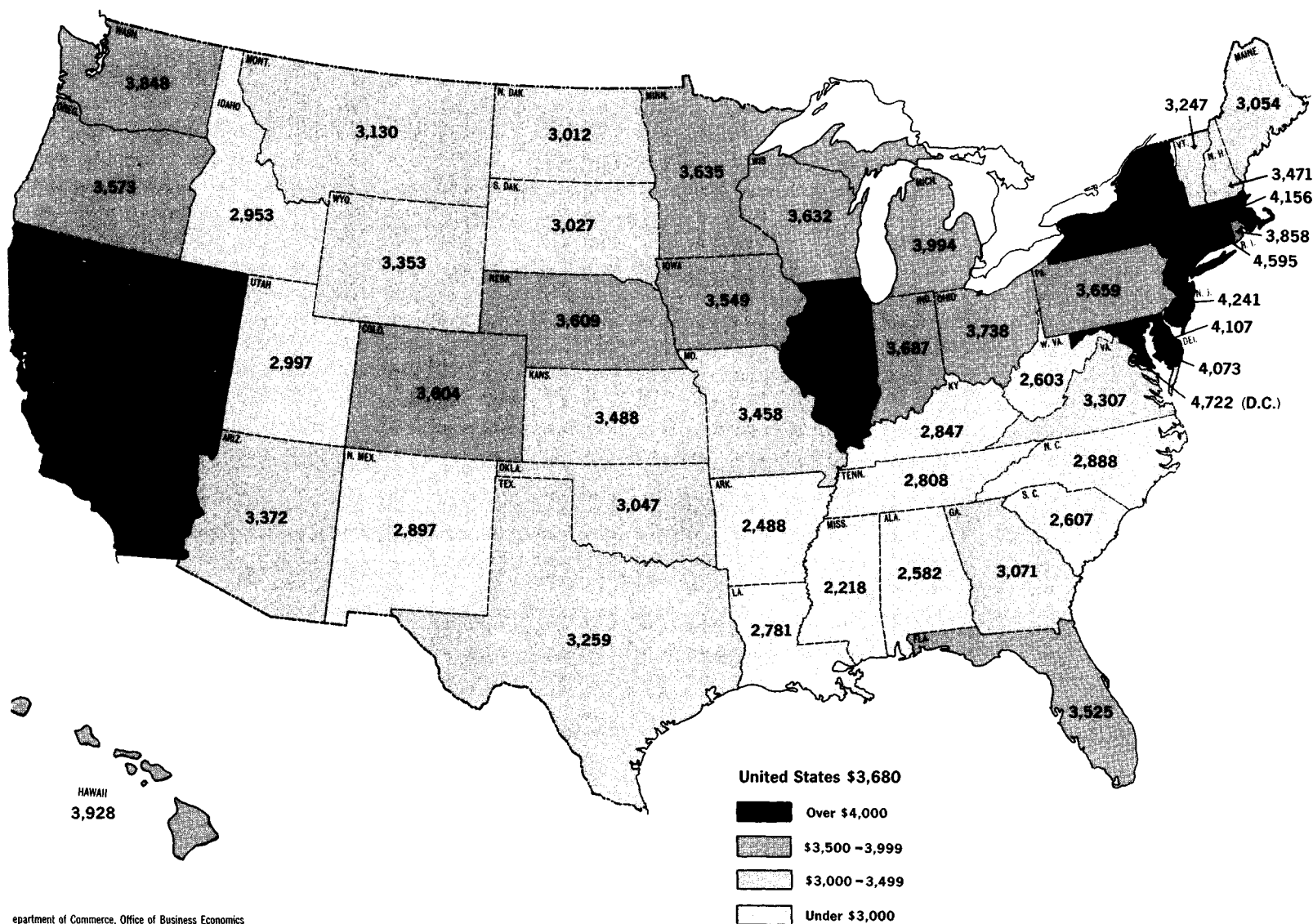


Table 1.—Total Personal Income, by States and Regions, 1948-69

(Millions of dollars)

State and region	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967 *	1968 *	1969 *
United States.....	208,878	205,791	226,214	253,233	269,767	285,458	287,613	308,265	330,481	348,462	358,474	380,963	398,725	414,411	440,192	463,053	494,913	535,949	583,829	625,490	684,442	744,479
New England.....	13,796	13,623	14,911	16,525	17,451	18,500	18,731	20,038	21,367	22,477	23,078	24,405	25,532	26,579	28,165	29,461	31,378	33,755	36,693	39,931	43,539	46,922
Maine.....	1,084	1,060	1,087	1,188	1,291	1,298	1,314	1,449	1,534	1,583	1,644	1,703	1,796	1,815	1,885	1,932	2,100	2,274	2,445	2,559	2,768	2,987
New Hampshire.....	668	671	704	792	833	884	915	983	1,035	1,102	1,137	1,242	1,305	1,360	1,449	1,516	1,608	1,737	1,916	2,092	2,300	2,489
Vermont.....	407	396	425	482	496	521	526	549	598	619	627	673	716	732	778	799	858	958	1,092	1,181	1,310	1,426
Massachusetts.....	7,012	6,971	7,654	8,344	8,675	9,179	9,293	9,891	10,497	11,074	11,456	12,141	12,680	13,242	13,912	14,547	15,431	16,470	17,783	19,357	21,141	22,722
Rhode Island.....	1,175	1,151	1,262	1,384	1,446	1,531	1,523	1,614	1,674	1,701	1,752	1,846	1,897	1,966	2,115	2,199	2,352	2,512	2,750	2,997	3,279	3,515
Connecticut.....	3,450	3,374	3,779	4,335	4,710	5,087	5,160	5,552	6,029	6,398	6,462	6,800	7,138	7,464	8,026	8,468	9,030	9,805	10,707	11,744	12,741	13,784
Mideast.....	54,342	54,408	59,210	64,882	68,428	72,684	73,590	78,206	83,741	88,282	90,022	95,290	99,042	102,420	108,230	113,023	120,729	129,090	139,164	149,380	162,853	176,200
New York.....	26,051	26,046	27,841	30,009	31,396	33,206	34,275	36,453	38,608	40,818	41,808	44,392	46,281	47,939	50,676	52,697	56,156	59,674	63,928	68,880	75,302	81,384
New Jersey.....	8,063	8,131	8,934	10,151	10,934	11,750	11,957	12,688	13,719	14,550	14,822	15,845	16,528	17,336	18,449	19,400	20,550	22,148	23,912	25,692	28,057	30,312
Pennsylvania.....	14,716	14,553	16,189	17,752	18,617	19,938	19,515	20,669	22,295	23,414	23,555	24,672	25,395	26,696	26,879	27,847	29,896	31,926	34,769	37,036	39,874	43,182
Delaware.....	537	566	684	731	782	835	857	980	1,124	1,125	1,130	1,196	1,238	1,269	1,343	1,446	1,550	1,690	1,774	1,864	2,048	2,218
Maryland.....	3,331	3,392	3,772	4,318	4,721	5,041	5,069	5,467	5,976	6,314	6,574	6,957	7,289	7,805	8,349	8,964	9,755	10,690	11,673	12,594	14,048	15,336
District of Columbia.....	1,644	1,700	1,790	1,921	1,978	1,914	1,917	1,949	2,019	2,061	2,133	2,228	2,311	2,375	2,534	2,669	2,822	2,962	3,108	3,313	3,524	3,768
Great Lakes.....	47,806	46,004	50,849	57,556	61,019	66,312	65,549	70,776	75,631	78,619	78,383	83,418	86,490	88,002	92,992	97,626	104,786	115,189	125,775	132,543	144,367	156,739
Michigan.....	9,691	9,627	10,895	12,176	13,050	14,741	14,354	15,900	16,529	16,870	16,478	17,482	18,203	18,131	19,320	20,787	22,701	25,398	27,680	29,142	32,222	35,010
Ohio.....	12,269	11,749	12,930	14,894	15,942	17,423	17,397	18,762	19,992	20,959	20,615	22,011	22,729	22,976	24,154	25,144	26,821	29,318	32,116	33,696	36,928	40,145
Indiana.....	5,624	5,388	5,998	6,938	7,326	8,073	7,653	8,265	8,875	9,187	9,157	9,776	10,225	10,496	11,148	11,813	12,577	13,996	15,199	15,911	17,297	18,568
Illinois.....	15,521	14,607	15,948	17,711	18,608	19,812	19,933	21,167	23,024	24,056	24,378	25,776	26,718	27,517	28,992	30,228	32,247	35,146	38,345	40,699	43,712	47,340
Wisconsin.....	4,701	4,633	5,078	5,837	6,093	6,265	6,212	6,682	7,211	7,547	7,755	8,375	8,615	8,882	9,378	9,654	10,439	11,331	12,435	13,094	14,207	15,376
Plains.....	19,647	17,971	20,135	21,912	23,016	23,435	24,233	24,763	26,075	27,859	29,543	30,235	31,871	32,924	35,002	36,374	37,958	41,979	45,653	48,136	52,132	56,575
Minnesota.....	4,106	3,846	4,227	4,660	4,823	5,079	5,202	5,483	5,778	6,135	6,594	6,798	7,241	7,584	7,874	8,318	8,622	9,545	10,390	11,179	12,258	13,448
Iowa.....	4,042	3,392	3,897	4,127	4,338	4,200	4,525	4,307	4,580	5,077	5,202	5,319	5,475	5,743	6,005	6,352	6,649	7,567	8,327	8,523	9,123	9,870
Missouri.....	5,338	5,196	5,672	6,245	6,576	6,948	6,974	7,451	7,844	8,053	8,467	8,945	9,149	9,418	9,892	10,402	11,023	11,961	12,859	13,813	15,048	16,085
North Dakota.....	813	674	782	794	740	757	766	848	881	905	1,030	950	1,087	964	1,371	1,292	1,288	1,504	1,567	1,595	1,658	1,852
South Dakota.....	916	689	814	942	828	892	916	857	914	1,068	1,094	980	1,217	1,226	1,407	1,349	1,319	1,527	1,680	1,730	1,875	1,995
Nebraska.....	1,909	1,697	1,978	2,067	2,187	2,125	2,253	2,191	2,274	2,615	2,715	2,760	2,990	3,048	3,276	3,342	3,484	3,854	4,244	4,414	4,649	5,230
Kansas.....	2,523	2,477	2,765	3,077	3,524	3,434	3,597	3,626	3,804	4,006	4,441	4,483	4,712	4,941	5,177	5,319	5,572	6,020	6,586	6,882	7,520	8,096
Southeast.....	31,769	31,246	34,590	39,288	42,041	43,958	43,780	47,557	51,312	54,082	56,417	60,401	62,650	65,966	70,551	75,282	81,417	88,847	98,085	106,442	117,488	128,989
Virginia.....	3,624	3,648	4,070	4,763	5,150	5,292	5,338	5,638	6,084	6,349	6,593	6,994	7,339	7,776	8,448	8,984	9,909	10,725	11,688	12,740	14,154	15,441
West Virginia.....	2,126	1,994	2,136	2,365	2,462	2,473	2,347	2,492	2,768	2,967	2,858	2,938	2,957	3,002	3,095	3,233	3,454	3,687	3,949	4,204	4,426	4,735
Kentucky.....	2,788	2,659	2,881	3,361	3,587	3,752	3,692	3,866	4,107	4,291	4,430	4,655	4,792	5,123	5,427	5,733	5,980	6,533	7,177	7,745	8,478	9,202
Tennessee.....	3,037	3,001	3,295	3,645	3,810	4,080	4,105	4,374	4,671	4,872	5,026	5,394	5,521	5,879	6,258	6,644	7,143	7,859	8,669	9,287	10,213	11,189
North Carolina.....	3,732	3,675	4,219	4,691	4,851	5,040	5,120	5,571	5,935	5,980	6,286	6,731	7,142	7,609	8,178	8,632	9,328	10,135	11,389	12,339	13,636	15,030
South Carolina.....	1,779	1,724	1,886	2,321	2,527	2,615	2,434	2,599	2,697	2,810	2,900	3,132	3,298	3,464	3,752	3,948	4,278	4,733	5,334	5,758	6,381	7,018
Georgia.....	3,154	3,150	3,574	4,122	4,447	4,581	4,536	5,000	5,350	5,531	5,778	6,222	6,489	6,757	7,293	7,905	8,647	9,543	10,579	11,554	12,781	14,253
Florida.....	3,043	3,177	3,599	4,048	4,554	5,050	5,328	6,070	6,972	7,730	8,457	9,308	9,746	10,253	11,060	11,865	12,982	14,193	15,693	17,458	19,820	22,396
Alabama.....	2,571	2,446	2,691	3,077	3,287	3,432	3,314	3,761	4,005	4,261	4,440	4,693	4,876	5,014	5,270	5,660	6,099	6,710	7,240	7,649	8,328	9,116
Mississippi.....	1,639	1,441	1,643	1,796	1,907	1,943	1,875	2,102	2,141	2,172	2,352	2,572	2,632	2,820	2,979	3,291	3,423	3,748	4,128	4,431	4,871	5,234
Louisiana.....	2,679	2,857	3,021	3,336	3,636	3,858	3,881	4,114	4,547	5,028	5,089	5,344	5,399	5,568	5,893	6,284	6,788	7,405	8,239	9,043	9,809	10,413
Arkansas.....	1,597	1,474	1,575	1,763	1,823	1,842	1,810	1,970	2,035	2,091	2,208	2,418	2,459	2,701	2,898	3,103	3,386	3,577	3,998	4,236	4,590	4,963
Southwest.....	13,066	13,924	14,850	16,917	18,327	18,923	19,288	20,664	22,208	23,752	24,961	26,345	27,370	28,883	30,358	31,867	33,923	36,602	40,262	43,604	48,141	52,871
Oklahoma.....	2,390	2,460	2,547	2,837	3,087	3,201	3,193	3,390	3,591	3,744	3,994	4,131	4,350	4,551	4,688	4,880	5,220	5,657	6,145	6,664	7,200	7,825
Texas.....	9,142	9,839	10,486	11,914	12,837	13,196	13,504	14,438	15,472	16,538	17,126	17,995	18,535	19,551	20,518	21,589	23,053	24,895	27,615	29,952	33,247	36,458
New Mexico.....	655	719	811	936	1,004	1,048	1,077	1,181	1,284	1,442	1,619	1,762	1,801	1,873	1,970	2,032	2,117	2,269	2,382	2,464	2,650	2,879
Arizona.....	879	906	1,006	1,230	1,399	1,478	1,514	1,655	1,861	2,028	2,222	2,457	2,684	2,908	3,182	3,366	3,533	3,78				

Table 2.—Per Capita Personal Income, by States and Regions, 1948-69

[Dollars]

State and region	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967*	1968*	1969*
United States	1,430	1,384	1,496	1,652	1,733	1,804	1,785	1,876	1,975	2,045	2,068	2,161	2,215	2,264	2,368	2,455	2,586	2,765	2,980	3,162	3,425	3,687
New England	1,494	1,452	1,601	1,779	1,865	1,921	1,905	2,030	2,152	2,241	2,258	2,338	2,426	2,502	2,627	2,710	2,844	3,028	3,268	3,522	3,814	4,076
Maine.....	1,235	1,174	1,185	1,297	1,411	1,422	1,417	1,551	1,635	1,679	1,742	1,780	1,844	1,828	1,904	1,957	2,132	2,304	2,477	2,585	2,830	3,054
New Hampshire.....	1,285	1,259	1,323	1,497	1,557	1,616	1,652	1,765	1,829	1,927	1,957	2,084	2,144	2,205	2,300	2,343	2,436	2,581	2,830	3,023	3,272	3,471
Vermont.....	1,134	1,073	1,121	1,275	1,323	1,375	1,395	1,464	1,586	1,646	1,650	1,739	1,842	1,877	1,980	2,013	2,150	2,377	2,645	2,799	3,053	3,247
Massachusetts.....	1,500	1,470	1,633	1,793	1,866	1,910	1,893	2,026	2,146	2,247	2,287	2,373	2,461	2,556	2,678	2,774	2,902	3,079	3,312	3,575	3,888	4,156
Rhode Island.....	1,493	1,437	1,606	1,765	1,803	1,879	1,866	1,961	1,993	1,999	2,042	2,154	2,219	2,291	2,425	2,510	2,657	2,813	3,072	3,334	3,611	3,858
Connecticut.....	1,713	1,660	1,875	2,138	2,263	2,346	2,204	2,414	2,603	2,712	2,642	2,695	2,806	2,889	3,038	3,113	3,239	3,448	3,709	4,022	4,303	4,595
Mideast	1,648	1,618	1,756	1,912	1,985	2,068	2,054	2,153	2,283	2,378	2,387	2,494	2,566	2,616	2,735	2,817	2,973	3,142	3,358	3,582	3,872	4,158
New York.....	1,797	1,749	1,873	2,015	2,067	2,139	2,167	2,283	2,396	2,493	2,518	2,661	2,748	2,807	2,923	3,009	3,180	3,349	3,563	3,816	4,141	4,442
New Jersey.....	1,689	1,663	1,834	2,028	2,133	2,247	2,231	2,306	2,443	2,536	2,516	2,634	2,707	2,763	2,885	2,960	3,072	3,256	3,469	3,682	3,968	4,241
Pennsylvania.....	1,431	1,401	1,541	1,697	1,773	1,870	1,804	1,889	2,032	2,137	2,130	2,196	2,241	2,255	2,366	2,437	2,595	2,747	2,981	3,171	3,394	3,659
Delaware.....	1,721	1,854	2,131	2,208	2,293	2,379	2,329	2,519	2,755	2,641	2,610	2,712	2,758	2,753	2,870	2,994	3,120	3,340	3,444	3,558	3,842	4,107
Maryland.....	1,467	1,456	1,602	1,769	1,888	1,964	1,888	1,994	2,126	2,198	2,205	2,269	2,344	2,468	2,580	2,678	2,836	3,024	3,226	3,434	3,780	4,073
District of Columbia.....	1,957	2,107	2,221	2,377	2,457	2,363	2,424	2,483	2,660	2,701	2,818	2,928	3,017	3,069	3,228	3,357	3,523	3,680	3,861	4,100	4,394	4,722
Great Lakes	1,603	1,517	1,666	1,864	1,937	2,062	1,983	2,095	2,198	2,248	2,203	2,322	2,383	2,404	2,520	2,616	2,772	3,006	3,237	3,379	3,653	3,928
Michigan.....	1,560	1,520	1,700	1,874	1,962	2,161	2,031	2,183	2,214	2,229	2,149	2,251	2,324	2,297	2,436	2,581	2,775	3,042	3,257	3,382	3,715	3,994
Ohio.....	1,558	1,474	1,620	1,848	1,927	2,028	1,961	2,081	2,171	2,227	2,148	2,276	2,334	2,327	2,426	2,508	2,647	2,857	3,087	3,210	3,480	3,738
Indiana.....	1,451	1,361	1,512	1,694	1,766	1,930	1,795	1,894	1,991	2,028	1,998	2,119	2,188	2,220	2,357	2,467	2,598	2,855	3,054	3,166	3,415	3,687
Illinois.....	1,815	1,685	1,825	2,015	2,078	2,186	2,154	2,243	2,416	2,488	2,466	2,581	2,649	2,718	2,824	2,911	3,056	3,298	3,553	3,736	3,989	4,285
Wisconsin.....	1,419	1,366	1,477	1,697	1,756	1,787	1,722	2,816	1,927	1,991	2,018	2,152	2,176	2,225	2,335	2,375	2,545	2,728	2,974	3,122	3,374	3,632
Plains	1,444	1,298	1,428	1,547	1,624	1,642	1,677	1,681	1,749	1,860	1,970	1,990	2,067	2,117	2,229	2,312	2,399	2,645	2,864	3,013	3,242	3,497
Minnesota.....	1,432	1,310	1,410	1,548	1,592	1,665	1,671	1,729	1,783	1,874	1,990	2,020	2,115	2,189	2,247	2,365	2,436	2,675	2,896	3,083	3,346	3,635
Iowa.....	1,589	1,316	1,415	1,577	1,652	1,598	1,723	1,608	1,694	1,869	1,921	1,949	1,986	2,079	2,174	2,299	2,404	2,735	3,013	3,080	3,288	3,549
Missouri.....	1,389	1,338	1,431	1,555	1,656	1,728	1,715	1,802	1,884	1,922	2,023	2,101	2,114	2,162	2,265	2,360	2,470	2,663	2,826	3,021	3,264	3,458
North Dakota.....	1,402	1,129	1,263	1,315	1,217	1,243	1,254	1,379	1,437	1,479	1,700	1,537	1,714	1,502	2,148	1,999	1,981	2,311	2,415	2,540	2,657	3,012
South Dakota.....	1,497	1,092	1,243	1,438	1,272	1,377	1,398	1,293	1,364	1,604	1,668	1,469	1,782	1,771	1,999	1,908	1,885	2,210	2,467	2,586	2,820	3,027
Nebraska.....	1,509	1,303	1,491	1,571	1,668	1,612	1,681	1,595	1,628	1,876	1,963	1,976	2,110	2,112	2,244	2,273	2,365	2,640	2,941	3,061	3,200	3,609
Kansas.....	1,334	1,287	1,443	1,578	1,782	1,722	1,762	1,732	1,795	1,883	2,073	2,075	2,162	2,251	2,343	2,398	2,498	2,683	2,909	3,029	3,283	3,488
Southeast	984	953	1,022	1,141	1,213	1,267	1,256	1,343	1,423	1,467	1,507	1,585	1,610	1,663	1,747	1,834	1,951	2,099	2,291	2,461	2,685	2,916
Virginia.....	1,130	1,108	1,228	1,387	1,470	1,488	1,502	1,571	1,635	1,652	1,684	1,770	1,841	1,896	2,015	2,093	2,263	2,417	2,607	2,804	3,074	3,307
West Virginia.....	1,120	1,033	1,065	1,192	1,282	1,232	1,326	1,491	1,610	1,549	1,584	1,594	1,594	1,634	1,696	1,778	1,892	2,025	2,174	2,313	2,433	2,603
Kentucky.....	990	933	981	1,143	1,228	1,292	1,272	1,329	1,417	1,466	1,496	1,552	1,575	1,673	1,755	1,840	1,895	2,060	2,254	2,409	2,630	2,847
Tennessee.....	944	927	994	1,081	1,137	1,229	1,222	1,281	1,368	1,419	1,448	1,532	1,543	1,617	1,693	1,772	1,874	2,042	2,234	2,365	2,584	2,808
North Carolina.....	973	940	1,037	1,139	1,181	1,223	1,239	1,313	1,377	1,369	1,436	1,510	1,560	1,625	1,724	1,801	1,916	2,049	2,281	2,436	2,658	2,888
South Carolina.....	891	850	893	1,071	1,160	1,199	1,119	1,181	1,210	1,236	1,259	1,334	1,377	1,427	1,528	1,576	1,688	1,844	2,046	2,187	2,391	2,607
Georgia.....	968	947	1,034	1,167	1,241	1,288	1,259	1,375	1,446	1,469	1,519	1,609	1,639	1,677	1,774	1,878	2,008	2,173	2,377	2,573	2,791	3,071
Florida.....	1,180	1,191	1,281	1,358	1,443	1,526	1,520	1,620	1,723	1,768	1,827	1,936	1,950	1,968	2,049	2,141	2,291	2,442	2,645	2,888	3,192	3,525
Alabama.....	866	815	880	1,006	1,071	1,124	1,100	1,233	1,304	1,371	1,404	1,465	1,488	1,506	1,575	1,669	1,774	1,920	2,053	2,167	2,365	2,582
Mississippi.....	789	691	755	830	886	923	908	1,020	1,026	1,040	1,128	1,203	1,204	1,267	1,308	1,434	1,484	1,611	1,764	1,894	2,074	2,218
Louisiana.....	1,032	1,085	1,120	1,205	1,279	1,346	1,346	1,396	1,500	1,614	1,613	1,666	1,654	1,686	1,747	1,839	1,940	2,079	2,272	2,463	2,644	2,781
Arkansas.....	875	799	825	927	992	1,035	1,044	1,142	1,194	1,207	1,279	1,377	1,372	1,485	1,544	1,625	1,743	1,836	2,036	2,144	2,315	2,488
Southwest	1,187	1,256	1,297	1,431	1,513	1,555	1,570	1,629	1,713	1,783	1,836	1,899	1,921	1,975	2,022	2,092	2,198	2,345	2,549	2,725	2,969	3,216
Oklahoma.....	1,144	1,169	1,143	1,284	1,391	1,467	1,445	1,507	1,580	1,641	1,762	1,805	1,861	1,908	1,924	1,990	2,120	2,299	2,479	2,647	2,833	3,047
Texas.....	1,199	1,291	1,349	1,469	1,544	1,583	1,611	1,667	1,752	1,823	1,851	1,913	1,924	1,982	2,025	2,102	2,213	2,358	2,580	2,762	3,019	3,259
New Mexico.....	1,084	1,116	1,177	1,305	1,366	1,386	1,412	1,504	1,593	1,702	1,827	1,917	1,888	1,939	2,011	2,048	2,098	2,236	2,356	2,451	2,666	2,897
Arizona.....	1,274	1,269	1,331	1,567	1,662	1,653	1,623	1,677	1,767	1,803	1,863	1,948	2,032	2,068	2,168	2,220	2,281	2,402	2,570	2,772	3,026	3,372
Rocky Mountain	1,419	1,360	1,457	1,659	1,727	1,699	1,661	1,742	1,821	1,919	2,001	2,064	2,108	2,152	2,281	2,320	2,382	2,546	2,693	2,830	3,034	3,294
Montana.....	1,616	1,385	1,622	1,760	1,786	1,779	1,729	1,852	1,892	1,944	2,059	2,010	2,037	1,970	2,268	2,263	2,260	2,448	2,664	2,743	2,906	3,130
Idaho.....	1,316	1,249	1,295	1,443	1,588	1,508	1,503	1,539	1,667	1,720	1,800	1,872	1,850	1,913	2,030	2,045	2,125	2,402	2,405	2,557	2,660	2,953
Wyoming.....	1,595	1,606	1,669	1,911	1,867	1,893	1,819	1,857	1,939	2,054	2,143	2,234	2,261	2,296	2,386	2,412	2,435	2,570	2,764</			

Tables 4-27.—Personal Income

[Millions]

Line	Item	Table 4.—United States			Table 5.—New England			Table 6.—Maine			Table 7.—New Hampshire			Table 8.—Vermont		
		1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969
1	Personal income.....	625,490	684,442	744,479	39,931	43,539	46,922	2,559	2,768	2,987	2,092	2,300	2,489	1,181	1,310	1,426
2	Wage and salary disbursements.....	419,309	460,633	504,705	27,166	29,400	31,762	1,662	1,785	1,911	1,438	1,581	1,718	758	836	921
3	Farms.....	2,724	2,884	3,010	88	89	91	22	21	22	8	8	8	8	8	10
4	Mining.....	4,647	4,874	5,384	26	30	32	1	1	1	2	3	3	6	6	7
5	Coal mining.....	1,011	1,011	1,158	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
6	Crude petroleum and natural gas.....	2,173	2,301	2,508	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
7	Mining and quarrying except fuel.....	1,463	1,562	1,718	26	29	31	1	1	1	2	3	3	6	6	7
8	Contract construction.....	24,238	26,985	30,631	1,486	1,626	1,854	91	89	108	89	97	120	56	68	82
9	Manufacturing.....	134,165	145,874	157,543	10,441	10,999	11,618	606	651	674	577	629	658	261	277	302
10	Durables.....	84,615	92,003	99,554	6,801	7,117	7,600	175	189	208	297	323	348	190	202	221
11	Nondurables.....	49,550	53,871	57,989	3,639	3,882	4,019	430	462	466	279	306	310	71	75	81
12	Wholesale and retail trade.....	68,799	75,262	82,474	4,260	4,638	5,035	259	283	309	210	232	259	109	121	134
13	Finance, insurance and real estate.....	19,776	22,294	24,756	1,420	1,579	1,738	59	66	72	58	65	73	28	32	35
14	Banking.....	5,101	5,703	6,522	356	396	449	18	21	23	16	18	20	9	10	11
15	Other finance, insurance and real estate.....	14,675	16,591	18,234	1,064	1,183	1,289	40	45	49	42	47	53	19	21	24
16	Transportation, communications and public utilities.....	31,457	33,975	37,337	1,540	1,649	1,830	102	107	117	74	81	92	46	49	55
17	Railroad transportation.....	5,592	5,726	5,945	145	150	152	23	23	24	5	6	6	7	7	7
18	Highway freight and warehousing.....	7,102	7,857	8,685	390	422	461	26	27	30	20	23	25	13	14	16
19	Other transportation.....	6,880	7,582	8,326	272	302	329	9	10	10	7	8	9	5	5	6
20	Communications and public utilities.....	11,883	12,810	14,381	734	774	888	45	47	54	41	44	52	21	22	26
21	Services.....	50,749	56,134	63,018	3,610	4,025	4,503	162	178	199	167	184	205	119	130	147
22	Hotels and other lodging places.....	2,444	2,674	2,992	133	143	160	14	14	15	15	16	17	13	14	22
23	Personal services and private households.....	8,609	8,995	9,425	492	509	531	32	34	35	27	28	29	19	20	22
24	Business and repair services.....	10,541	11,639	13,331	717	794	899	15	17	19	21	24	28	9	10	13
25	Amusement and recreation.....	3,027	3,254	3,540	133	143	148	4	5	6	9	10	11	8	9	4
26	Professional, social and related services.....	26,128	29,572	33,730	2,136	2,435	2,764	96	108	123	95	106	119	70	77	86
27	Government.....	81,947	91,465	99,566	4,226	4,692	4,984	356	382	402	250	279	296	123	143	147
28	Federal, civilian.....	21,391	23,616	25,277	982	1,066	1,132	91	98	101	77	86	91	26	28	30
29	Federal, military.....	13,141	14,502	15,350	579	623	633	78	73	67	40	44	45	5	5	5
30	State and local.....	47,415	53,347	58,939	2,665	3,002	3,219	187	211	235	133	150	160	92	110	112
31	Other industries.....	807	886	986	68	73	78	6	6	6	3	3	3	1	1	2
32	Other labor income.....	22,178	24,775	27,499	1,535	1,684	1,846	89	98	106	81	91	99	42	47	52
33	Proprietors' income.....	62,147	64,088	66,846	2,957	3,135	3,253	249	271	305	162	170	174	130	135	138
34	Farm.....	14,832	15,020	16,393	159	191	217	43	47	73	6	8	8	36	43	42
35	Nonfarm.....	47,315	49,068	50,453	2,798	2,944	3,036	205	223	231	155	162	167	94	92	95
36	Property income.....	90,485	98,649	106,338	6,269	6,955	7,494	371	401	431	307	338	365	175	200	216
37	Transfer payments.....	51,818	59,030	65,084	3,304	3,794	4,208	274	307	340	176	198	222	112	131	143
38	Less: Personal contributions for social insurance.....	20,447	22,733	25,993	1,300	1,429	1,641	85	94	107	72	78	89	37	39	45

Line	Item	Table 16.—Delaware			Table 17.—Maryland			Table 18.—District of Columbia			Table 19.—Great Lakes			Table 20.—Michigan		
		1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969
1	Personal income.....	1,864	2,048	2,218	12,594	14,048	15,336	3,313	3,524	3,768	132,543	144,367	156,739	29,142	32,222	35,010
2	Wage and salary disbursements.....	1,241	1,370	1,475	9,312	10,453	11,454	2,220	2,393	2,537	91,285	99,919	109,499	20,408	22,676	24,862
3	Farms.....	5	5	6	20	18	19	236	236	236	236	236	236	51	53	48
4	Mining.....	1	(1)	(1)	13	14	15	(1)	(1)	(1)	541	555	606	98	103	108
5	Coal mining.....	(1)	(1)	(1)	1	2	2	(1)	(1)	(1)	182	187	218	(1)	(1)	(1)
6	Crude petroleum and natural gas.....	(1)	(1)	(1)	11	11	13	(1)	(1)	(1)	96	99	104	8	8	9
7	Mining and quarrying except fuel.....	(1)	(1)	(1)	11	11	13	(1)	(1)	(1)	263	268	283	90	95	99
8	Contract construction.....	81	89	92	568	605	707	66	67	66	5,321	6,003	6,981	1,092	1,158	1,381
9	Manufacturing.....	542	594	632	1,994	2,114	2,243	76	77	80	39,041	42,495	46,007	9,570	10,747	11,529
10	Durables.....	116	145	147	1,192	1,255	1,324	9	9	10	28,893	31,483	34,111	7,954	8,979	9,621
11	Nondurables.....	426	448	486	802	859	918	67	68	69	10,148	11,012	11,896	1,616	1,768	1,908
12	Wholesale and retail trade.....	161	179	201	1,455	1,630	1,789	224	231	235	14,510	15,790	17,232	2,940	3,236	3,562
13	Finance, insurance and real estate.....	44	49	54	404	452	499	81	87	93	3,586	3,976	4,368	646	724	807
14	Banking.....	15	17	18	77	87	99	16	17	19	903	997	1,124	189	210	238
15	Other finance, insurance and real estate.....	29	32	36	326	365	400	65	70	73	2,683	2,979	3,245	457	513	569
16	Transportation, communications and public utilities.....	67	72	76	648	697	758	114	119	124	6,229	6,677	7,344	1,137	1,232	1,355
17	Railroad transportation.....	15	15	16	117	121	130	12	12	12	1,344	1,378	1,445	167	174	193
18	Highway freight and warehousing.....	17	19	19	130	143	156	5	6	5	1,808	2,002	2,218	333	368	412
19	Other transportation.....	9	11	12	137	143	154	31	30	31	728	799	880	104	117	125
20	Communications and public utilities.....	26	27	30	264	289	318	67	71	76	2,348	2,498	2,802	532	574	626
21	Services.....	130	143	159	1,205	1,365	1,540	460	513	566	9,197	10,136	11,455	1,970	2,176	2,518
22	Hotels and other lodging places.....	4	4	5	39	39	45	21	19	21	353	374	405	62	69	78
23	Personal services and private households.....	27	29	30	194	205	215	72	74	76	1,477	1,532	1,602	332	349	369
24	Business and repair services.....	25	26	30	358	421	498	58	65	75	1,754	1,937	2,224	369	424	490
25	Amusement and recreation.....	6	8	9	58	63	66	9	9	10	419	456	497	88	94	106
26	Professional, social and related services.....	66	77	86	556	637	716	301	346	384	5,194	5,838	6,727	1,119	1,239	1,475
27	Government.....	209	236	252	2,990	3,540	3,863	1,177	1,276	1,348	12,514	13,930	15,131	2,880	3,221	3,525
28	Federal, civilian.....	35	40	42	1,508	1,856	2,042	864	915	945	2,523	2,763	2,969	406	450	478
29	Federal, military.....	55	60	55	492	510	531	156	171	185	813	858	897	139	147	149
30	State and local.....	118	137	156	990	1,175	1,291	158	189	218	9,178	10,309	11,264	2,335	2,624	2,888
31	Other industries.....	2	2	2	16	18	21	20	22	26	110	122	136	24	25	29
32	Other labor income.....	72	81	88	397	443	488	68	72	77	5,432	6,084	6,737	1,289	1,479	1,625
33	Proprietors' income.....	134	139	167	930	951	1,024	132	125	129	12,204	12,351	12,771	2,419	2,508	2,586
34	Farm.....	40	36	60	106	98	145	132	125	129	2,536	2,513	2,636	270	281	287
35	Nonfarm.....	94	103	107	826	852	879	132	125	129	9,667	9,837	10,135	2,149	2,227	2,299
36	Property income.....	354	380	403	1,544	1,702	1,841	544	552	593	18,450	20,118	21,606	3,868	4,278	4,596
37	Transfer payments.....	119	136	151	861	1,011	1,116	461	506	566	9,548	10,756	11,707	2,061	2,308	2,522
38	Less: Personal contributions for social insurance.....	56	57	66	451	510	587	113	123	135	4,375	4,860	5,581	902	1,027	1,181

See page 40 for footnotes.

by Major Sources, 1967-69

of dollars]

Table 9.—Massachusetts			Table 10.—Rhode Island			Table 11.—Connecticut			Table 12.—Midwest			Table 13.—New York			Table 14.—New Jersey			Table 15.—Pennsylvania			Line
1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	
19,357	21,141	22,722	2,997	3,279	3,515	11,744	12,741	13,784	149,380	162,853	176,200	68,880	75,302	81,384	25,692	28,057	30,312	37,036	39,874	43,182	1
13,196	14,327	15,423	2,084	2,258	2,416	8,028	8,614	9,373	101,199	110,638	120,163	45,323	49,505	53,674	18,166	19,802	21,468	24,937	27,116	29,555	2
24	24	23	4	4	4	23	24	24	183	184	186	66	69	71	40	41	38	52	51	52	3
9	10	10	2	2	1	7	8	8	423	414	458	83	81	84	31	33	40	295	285	317	4
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	226	220	250	2	2	3	2	2	3	221	214	243	5
9	10	10	2	2	1	7	8	8	41	36	36	21	18	17	1	1	1	18	16	17	6
686	769	858	119	125	131	444	478	554	5,213	5,776	6,384	2,072	2,284	2,493	1,065	1,153	1,238	1,361	1,578	1,788	7
4,568	4,796	5,048	757	805	857	3,672	3,841	4,079	33,129	35,299	37,688	13,098	13,918	14,766	7,055	7,518	8,092	10,364	11,078	11,875	8
2,747	2,876	3,070	464	490	531	2,928	3,035	3,222	19,184	20,392	21,779	7,179	7,652	8,153	3,851	4,069	4,354	6,837	7,262	7,790	9
1,821	1,920	1,978	294	315	326	744	805	856	13,944	14,907	15,909	5,919	6,266	6,614	3,204	3,449	3,738	5,526	5,816	6,084	10
2,212	2,425	2,600	315	342	365	1,155	1,236	1,369	16,309	17,644	19,140	7,892	8,444	9,081	2,931	3,194	3,514	5,366	5,667	5,967	11
733	814	889	92	101	108	450	502	561	6,002	6,863	7,563	3,624	4,223	4,692	841	931	1,006	1,009	1,121	1,221	12
195	215	243	23	26	30	95	107	122	1,508	1,710	1,983	926	1,071	1,260	190	204	233	283	314	355	13
538	599	646	69	75	79	355	395	438	4,495	5,153	5,580	2,698	3,152	3,432	651	727	773	726	807	866	14
811	860	956	106	111	123	401	441	486	8,057	9,463	10,863	3,876	4,468	4,752	1,463	1,599	1,762	1,780	2,009	2,160	15
56	60	60	7	8	9	46	47	48	1,110	1,143	1,167	368	384	380	146	147	141	452	464	487	17
200	215	234	33	35	38	98	107	118	1,576	1,731	1,902	540	579	632	429	485	538	455	499	551	18
184	204	219	12	14	15	54	61	70	2,347	2,545	2,734	1,546	1,687	1,830	381	423	466	244	251	241	19
371	382	443	53	54	63	202	225	250	3,025	3,244	3,650	1,422	1,518	1,730	507	543	617	739	796	880	20
2,015	2,278	2,535	224	252	278	923	1,002	1,140	13,818	15,228	16,920	6,991	7,652	8,488	2,222	2,469	2,708	2,811	3,087	3,459	21
58	65	68	6	6	7	27	28	31	566	592	649	320	334	363	79	84	95	104	111	121	22
224	236	245	36	38	39	153	154	162	1,968	2,041	2,103	948	982	1,009	321	332	336	405	420	436	23
463	511	573	35	41	46	173	190	221	3,492	3,842	4,361	1,875	2,022	2,284	696	779	862	479	530	611	24
61	67	71	12	12	13	38	40	43	808	857	922	524	549	589	103	110	119	107	118	129	25
1,209	1,399	1,579	134	154	172	532	591	683	6,985	7,896	8,885	3,323	3,764	4,242	1,024	1,163	1,296	1,716	1,908	2,161	26
2,102	2,312	2,464	460	511	544	934	1,064	1,132	17,887	20,368	22,151	7,544	8,577	9,329	2,486	2,828	3,030	3,481	3,910	4,328	27
526	563	601	117	131	136	144	161	174	5,407	6,089	6,505	1,341	1,464	1,549	584	658	708	1,071	1,157	1,219	28
230	252	263	145	162	171	81	88	92	1,493	1,658	1,716	283	319	337	347	404	400	160	195	208	29
1,346	1,497	1,610	198	219	237	709	815	866	10,991	12,621	13,930	5,920	6,795	7,443	1,555	1,767	1,922	2,250	2,559	2,901	30
37	40	41	4	5	5	17	18	20	176	199	220	78	88	97	32	36	38	29	32	36	31
734	802	879	111	121	132	479	525	577	5,444	6,015	6,635	2,374	2,617	2,894	1,050	1,170	1,294	1,483	1,634	1,795	32
1,311	1,407	1,450	201	220	227	904	931	960	11,973	12,327	12,757	5,659	5,921	6,062	1,899	1,979	2,033	3,217	3,212	3,342	33
34	43	44	1	2	3	38	47	47	888	920	975	335	356	366	69	61	66	338	289	339	34
1,277	1,365	1,406	200	218	224	866	884	913	11,085	11,506	11,781	5,324	5,585	5,696	1,830	1,918	1,966	2,879	2,922	3,003	35
3,031	3,328	3,592	419	472	508	1,966	2,215	2,382	23,151	25,074	27,126	11,723	12,697	13,770	3,611	3,925	4,261	5,373	5,819	6,257	36
1,718	1,970	2,176	284	323	363	740	865	964	12,468	14,327	15,819	5,918	6,818	7,537	1,816	2,129	2,342	3,293	3,727	4,108	37
632	693	797	102	115	131	372	410	422	4,854	5,528	6,301	2,117	2,255	2,553	850	949	1,086	1,268	1,634	1,874	38

Table 21.—Ohio			Table 22.—Indiana			Table 23.—Illinois			Table 24.—Wisconsin			Table 25.—Plains			Table 26.—Minnesota			Table 27.—Iowa			Line
1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	
33,696	36,928	40,145	15,911	17,297	18,868	40,699	43,712	47,340	13,094	14,207	15,376	48,136	52,132	56,575	11,179	12,258	13,448	8,523	9,123	9,870	1
23,482	25,873	28,484	11,030	12,002	13,161	27,869	30,128	32,825	8,496	9,241	10,168	28,887	31,597	34,615	7,240	8,001	8,911	4,651	5,025	5,456	2
42	44	42	29	27	27	67	63	67	46	49	54	270	262	271	35	38	36	67	68	70	3
156	165	187	59	64	68	207	203	220	21	20	23	299	325	345	111	123	126	23	25	25	4
73	75	87	25	28	31	84	84	100				11	12	14	(1)	(1)	(1)	1	1	1	5
32	36	41	9	8	8	48	47	46	(1)	(1)	(1)	79	82	89	1	1	1	(1)	(1)	(1)	6
51	55	59	26	28	29	75	71	73	21	20	23	209	232	242	110	122	125	22	23	23	7
1,344	1,617	1,920	670	717	852	1,689	1,929	2,189	526	582	640	1,797	1,990	2,219	509	562	661	307	328	349	8
10,505	11,519	12,526	5,139	5,573	6,108	10,224	10,841	11,680	3,605	3,815	4,164	8,182	8,922	9,586	2,111	2,341	2,635	1,507	1,630	1,753	9
7,640	8,398	9,178	4,004	4,355	4,784	6,861	7,206	7,749	2,433	2,545	2,779	4,750	5,238	5,635	1,205	1,362	1,557	887	960	1,029	10
2,864	3,120	3,348	1,134	1,218	1,325	3,363	3,635	3,931	1,171	1,270	1,385	3,432	3,684	3,951	907	979	1,078	621	670	724	11
3,597	3,907	4,311	1,628	1,762	1,926	5,006	5,421	5,849	1,341	1,463	1,584	5,453	5,925	6,479	1,405	1,535	1,690	873	933	1,001	12
830	919	1,009	403	447	488	1,395	1,539	1,683	312	347	381	1,381	1,527	1,677	356	396	442	215	236	261	13
193	213	242	106	116	129	331	363	408	84	94	106	400	437	487	99	107	119	67	73	81	14
637	706	767	298	331	359	1,064	1,176	1,275	228	253	275	981	1,090	1,190	257	289	322	147	162	180	15
1,580	1,731	1,892	739	786	868	2,243	2,359	2,593	530	568	636	2,570	2,728	2,979	604	640	709	343	362	390	16
358	372	388	181	187	205	543	548	555	95	98	104	726	737	777	166	168	177	89	90	90	17
501	571	630	225	245	270	590	646	708	159	172	198	590	654	725	127	140	157	89	98	109	18
147	157	169	55	57	60	363	403	451	59	65	74	374	396	449	114	123	147	23	24	25	19
574	630	705	279	297	333	747	763	879	216	233	260	880	940	1,028	197	209	227	142	150	166	20
2,285	2,488	2,794	872	971	1,095	3,231	3,565	3,985	935	1,063	3,362	3,724	4,158	918	1,013	1,115	498	537	568	21	22
77	86	94	37	42	44	152	157	157	45	39	42	139	152	165	39	45	50	18	20	21	22
394	405	407	181	191	202	452	472	493	127	134	142	543	571	602	129	136	145	85	88	92	23
421	473	544	130	135	156	725	777	880	119	128	153	466	525	610	137	156	181	54	61	71	24
113	125	134	33	36	39	151	163	178	34	38	41	132	143	157	32	42	46	17	19	20	25
1,280	1,418	1,624	512	582	667	1,759	2,002	2,277	524	596	684	2,052	2,333	2,624	580	640	698	313	350	395	26
3,115	3,450	3,765	1,481	1,644	1,717	3,774	4,168	4,516	1,448	1,607	5,512	6,131	6,881	1,778	1,338	1,480	1,480	817	891	995	27
890	944	944	303	341	364	815	897	971	180	195	212	1,253	1,362	1,460	216	232	250	163	176	187	28
195	220	232	85	88	93	354	366	385	39	37	39	661	754	848	45	48	50	22	23	19	29
2,101	2,350	2,590	1,092	1,214	1,260	2,604	2,905	3,160	1,046	1,216	1,357	3,598	4,015	4,522	918	1,058	1,151	632	692	790	30
30	33	37	10	11	12	33	38	42	13	15	16	61	62	69	14	15	17	14	14	14	31
1,445	1,628	1,810	665	743	827	1,540	1,694	1,873	493	540	601	1,469	1,634	1,804	376	423	479	244	269	295	32
2,800	2,947	2,970	1,634	1,704	1,857	3,862	3,594	3,761	1,549	1,598	1,598	7,632	7,754	8,308	1,424	1,452	1,505	1,824	1,842	2,018	33
366	444	384	483	473	588	914	741	834	503	575	544	3,701	3,776	4,221	602	607	636	1,016	1,045	1,199	34
2,435	2,503	2,586	1,151	1,232	1,269	2,887	2,853	2,927	1,046	1,023	1,054	3,931	3,978	4,087	822	845	870	809	797	819	35
4,613	4,982	5,345	1,976	2,142	2,307	6,060	6,633	7,125	1,932	2,083	2,233	7,524	8,128	8,662	1,543	1,722	1,863	1,345	1,448	1,532	36
2,534	2,815	3,052	1,120	1,263	1,354	2,776	3,169	3,482	1,057	1,201	1,297	4,135	4,665	5,068	960	1,066	1,156	715	813	878	37
1,178	1,316	1,515	514	557	639	1,347	1,505	1,725	433	456	521	1,510	1,646	1,882	364	407	467	257	273	310	38

Tables 28-51.—Personal Income by Major

[Millions]

Line	Item	Table 28.—Missouri			Table 29.—North Dakota			Table 30.—South Dakota			Table 31.—Nebraska			Table 32.—Kansas		
		1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969
1	Personal income.....	13,813	15,048	16,085	1,595	1,658	1,852	1,730	1,875	1,995	4,414	4,649	5,230	6,882	7,520	8,096
2	Wage and salary disbursements.....	8,882	9,671	10,530	800	850	919	816	883	966	2,358	2,579	2,872	4,140	4,587	4,960
3	Farms.....	59	56	56	21	21	20	17	17	21	38	32	35	34	31	32
4	Mining.....	53	60	66	12	13	13	15	17	18	10	10	12	75	78	85
5	Coal mining.....	6	6	7	2	2	2	(1)	(1)	(1)	4	4	5	2	3	3
6	Crude petroleum and natural gas.....	1	1	1	9	9	10	(1)	(1)	(1)	4	4	5	64	65	71
7	Mining and quarrying except fuel.....	46	52	57	1	2	1	15	17	18	6	6	6	9	10	11
8	Contract construction.....	501	550	597	53	52	55	44	49	53	152	168	204	231	281	299
9	Manufacturing.....	2,787	3,029	3,170	45	49	54	90	99	106	479	529	580	1,162	1,244	1,289
10	Durables.....	1,658	1,817	1,895	19	21	21	26	31	32	226	260	298	730	788	803
11	Nondurables.....	1,130	1,212	1,274	26	29	33	63	68	74	254	269	282	432	457	486
12	Wholesale and retail trade.....	1,621	1,757	1,934	176	188	201	177	191	206	460	503	554	743	818	893
13	Finance, insurance and real estate.....	426	471	511	32	34	36	37	41	43	140	154	169	174	194	216
14	Banking.....	108	119	134	13	14	15	17	18	20	38	41	47	58	64	71
15	Other finance, insurance and real estate.....	319	352	377	19	20	21	20	23	24	102	113	122	116	131	144
16	Transportation, communications and public utilities.....	830	887	975	77	81	86	62	66	73	241	255	277	413	437	469
17	Railroad transportation.....	167	170	184	29	29	30	11	11	12	103	105	113	161	163	170
18	Highway freight and warehousing.....	216	241	267	12	12	13	16	17	19	44	50	56	86	95	105
19	Other transportation.....	179	187	210	4	4	5	4	5	5	18	18	18	33	35	39
20	Communications and public utilities.....	268	288	314	33	35	38	31	33	36	76	82	90	133	143	156
21	Services.....	1,009	1,121	1,261	105	116	129	115	124	138	291	326	365	437	486	551
22	Hotels and other lodging places.....	43	47	50	5	6	6	4	5	5	12	12	13	17	18	20
23	Personal services and private households.....	170	178	187	16	17	18	18	19	21	46	49	51	78	83	88
24	Business and repair services.....	163	182	209	6	7	8	8	9	11	38	42	50	60	68	80
25	Amusement and recreation.....	46	48	51	3	3	3	4	5	5	11	13	14	18	20	22
26	Professional, social and related services.....	586	666	764	75	83	94	81	86	97	184	211	235	264	297	341
27	Government.....	1,586	1,730	1,946	275	293	322	254	275	303	539	597	672	861	1,007	1,113
28	Federal, civilian.....	459	504	547	55	60	63	66	72	75	118	120	128	176	197	211
29	Federal, military.....	222	235	268	75	81	85	39	38	41	89	100	101	168	230	255
30	State and local.....	905	990	1,131	145	152	174	149	165	188	332	378	443	517	581	616
31	Other industries.....	10	12	14	2	2	2	4	4	4	8	4	5	10	11	13
32	Other labor income.....	469	522	569	31	33	36	34	37	41	108	120	135	209	231	249
33	Proprietors' income.....	1,539	1,688	1,611	393	362	459	470	494	501	951	862	1,065	1,030	1,055	1,149
34	Farm.....	497	606	499	257	225	320	331	362	366	550	475	668	448	456	534
35	Nonfarm.....	1,041	1,082	1,112	136	137	139	140	132	135	401	387	398	582	599	615
36	Property income.....	2,150	2,287	2,447	273	299	315	294	325	343	774	817	866	1,144	1,229	1,296
37	Transfer payments.....	1,227	1,383	1,506	145	162	177	161	182	197	352	406	445	575	652	710
38	Less: Personal contributions for social insurance.....	453	502	578	47	48	54	45	47	53	129	134	153	215	235	268

Line	Item	Table 40.—Georgia			Table 41.—Florida			Table 42.—Alabama			Table 43.—Mississippi			Table 44.—Louisiana		
		1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969
1	Personal income.....	11,554	12,781	14,253	17,458	19,820	22,396	7,649	8,328	9,116	4,431	4,871	5,234	9,043	9,809	10,413
2	Wage and salary disbursements.....	8,156	9,041	10,136	10,729	12,130	13,995	5,267	5,708	6,271	2,675	2,988	3,269	5,881	6,427	6,859
3	Farms.....	47	46	46	175	194	218	35	36	40	46	51	52	38	41	39
4	Mining.....	37	42	47	56	59	58	62	53	60	39	42	46	409	437	475
5	Coal mining.....	(1)	(1)	(1)	(1)	(1)	7	2	3	4	(1)	(1)	(1)	381	407	444
6	Crude petroleum and natural gas.....	(1)	(1)	(1)	6	7	7	2	3	4	34	37	41	28	30	31
7	Mining and quarrying except fuel.....	37	41	46	50	51	51	15	14	14	5	5	5	28	30	31
8	Contract construction.....	418	480	544	775	908	1,231	287	303	344	171	163	195	596	654	699
9	Manufacturing.....	2,344	2,616	2,951	1,811	2,050	2,306	1,654	1,825	2,028	796	915	993	1,135	1,244	1,337
10	Durables.....	911	1,016	1,189	1,057	1,221	1,382	878	959	1,079	430	498	546	499	548	583
11	Nondurables.....	1,432	1,600	1,762	754	828	924	777	866	949	366	422	447	636	696	754
12	Wholesale and retail trade.....	1,406	1,575	1,802	2,147	2,432	2,752	818	901	992	392	431	472	998	1,103	1,193
13	Finance, insurance and real estate.....	375	423	483	604	694	828	201	223	240	98	110	123	238	264	292
14	Banking.....	91	103	120	124	141	167	52	58	65	33	37	41	61	69	77
15	Other finance, insurance and real estate.....	284	320	363	480	553	661	149	164	175	65	73	82	177	195	214
16	Transportation, communications and public utilities.....	661	731	814	887	1,001	1,164	342	368	405	170	186	208	581	626	678
17	Railroad transportation.....	120	125	131	99	101	111	75	77	84	39	39	42	71	72	74
18	Highway freight and warehousing.....	151	167	185	121	135	159	79	86	94	31	36	41	81	90	98
19	Other transportation.....	161	188	216	349	404	462	45	48	52	18	21	25	246	266	287
20	Communications and public utilities.....	229	251	282	319	360	432	142	157	175	82	89	101	183	198	219
21	Services.....	821	898	1,024	1,708	1,910	2,222	604	647	697	305	336	368	657	722	804
22	Hotels and other lodging places.....	43	50	60	174	203	229	18	21	23	15	17	19	31	36	41
23	Personal services and private households.....	269	279	298	362	384	413	167	175	185	114	121	128	169	178	185
24	Business and repair services.....	132	152	184	275	324	400	144	151	157	47	49	52	124	139	159
25	Amusement and recreation.....	39	42	45	105	114	129	12	13	15	6	6	7	25	27	28
26	Professional, social and related services.....	338	375	436	792	884	1,051	262	286	318	123	142	162	307	342	390
27	Government.....	2,016	2,198	2,390	2,522	2,835	3,136	1,326	1,422	1,542	646	744	801	1,213	1,320	1,415
28	Federal, civilian.....	559	613	661	550	623	668	489	516	547	146	160	175	211	229	246
29	Federal, military.....	620	685	723	598	651	678	244	270	288	145	168	200	234	254	262
30	State and local.....	837	900	1,006	1,374	1,561	1,791	593	636	708	354	410	426	768	837	908
31	Other industries.....	31	33	35	43	48	54	12	12	13	11	11	11	16	16	17
32	Other labor income.....	392	448	512	468	541	629	271	304	339	143	163	182	301	337	369
33	Proprietors' income.....	1,208	1,242	1,378	1,779	1,910	2,001	767	804	878	773	794	788	989	995	982
34	Farm.....	428	399	509	459	471	522	247	273	331	431	427	411	317	283	260
35	Nonfarm.....	781	844	869	1,320	1,438	1,480	521	531	548	342	367	378	672	712	732
36	Property income.....	1,308	1,458	1,588	3,128	3,570	3,906	862	951	1,025	514	551	594	1,360	1,476	1,561
37	Transfer payments.....	869	997	1,101	1,859	2,208	2,483	742	846	926	455	518	568	782	878	990
38	Less: Personal contributions for social insurance.....	380	405	463	507	538	618	260	284	324	128	144	167	270	303	348

See page 40 for footnotes.

Sources, 1967-69—Continued

of dollars]

Table 33.—Southeast			Table 34.—Virginia			Table 35.—West Virginia			Table 36.—Kentucky			Table 37.—Tennessee			Table 38.—North Carolina			Table 39.—South Carolina			Line
1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	
106,442	117,488	128,969	12,740	14,154	15,441	4,204	4,426	4,735	7,745	8,478	9,202	9,287	10,213	11,189	12,339	13,636	15,030	5,758	6,381	7,018	1
71,113	78,968	87,367	9,359	10,456	11,456	2,814	2,963	3,180	4,988	5,508	6,004	6,252	6,942	7,647	8,447	9,534	10,513	4,099	4,592	5,079	2
649	681	726	42	43	45	7	7	7	48	43	38	35	34	31	33	32	25	25	25	3	
1,282	1,329	1,463	82	88	101	341	331	375	168	173	192	38	41	42	21	23	24	9	10	10	4
563	561	640	64	69	81	317	306	347	137	139	157	10	11	12	(1)	(1)	(1)	(1)	(1)	(1)	5
471	503	548	1	1	(1)	16	16	19	15	16	15	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6
248	265	275	17	18	19	9	9	10	15	18	20	28	29	30	21	22	24	9	9	10	7
4,495	4,992	5,723	528	588	658	175	194	220	329	384	447	344	380	425	452	494	588	242	269	285	8
19,720	22,123	24,368	1,931	2,185	2,358	885	930	966	1,490	1,661	1,823	2,249	2,536	2,783	3,151	3,596	3,970	1,563	1,760	1,944	9
8,670	9,738	10,896	816	921	999	556	577	596	866	970	1,069	940	1,071	1,175	1,000	1,139	1,322	361	416	488	10
11,051	12,385	13,472	1,114	1,264	1,359	329	353	370	625	691	754	1,309	1,465	1,608	2,152	2,457	2,648	1,202	1,343	1,456	11
11,325	12,595	14,047	1,291	1,429	1,590	371	400	431	756	831	913	1,033	1,135	1,258	1,280	1,436	1,588	505	571	643	12
2,914	3,289	3,727	350	391	440	72	79	85	173	192	213	254	289	325	319	363	409	133	152	169	13
736	834	961	91	102	119	24	26	29	50	56	64	66	76	87	83	96	112	31	35	40	14
2,178	2,454	2,766	258	289	321	49	52	56	123	136	149	188	214	239	236	267	297	103	117	128	15
5,269	5,774	6,393	652	706	761	270	286	298	386	416	450	398	433	479	526	587	651	194	217	252	16
1,048	1,078	1,122	164	169	168	87	91	89	131	134	139	103	105	107	64	66	70	36	38	41	17
1,168	1,300	1,448	128	140	154	45	48	52	78	88	97	134	153	174	216	244	270	48	55	63	18
1,166	1,308	1,455	141	157	172	17	17	17	43	47	50	49	54	60	64	71	77	24	24	26	19
1,888	2,088	2,368	219	240	267	121	129	140	134	147	164	111	122	138	183	206	234	86	100	121	20
7,954	8,764	9,901	983	1,093	1,231	241	251	275	482	533	606	690	760	855	808	887	994	385	429	493	21
472	538	615	58	62	70	14	15	16	21	23	27	34	40	50	33	37	41	16	19	22	22
2,092	2,199	2,333	226	238	251	45	45	48	109	114	121	175	185	194	257	271	289	126	132	140	23
1,334	1,479	1,726	203	223	261	28	27	30	61	68	81	127	137	156	101	100	122	58	69	81	24
317	345	385	31	33	37	12	13	13	22	24	25	19	20	23	27	30	34	10	11	13	25
3,739	4,203	4,843	465	538	612	142	151	167	269	303	352	335	377	433	391	449	508	175	198	236	26
17,330	19,230	20,806	3,487	3,915	4,253	447	484	520	1,150	1,268	1,313	1,203	1,323	1,437	1,793	2,050	2,188	1,037	1,152	1,248	27
4,810	5,310	5,697	1,529	1,709	1,858	88	95	104	270	301	346	335	366	391	275	309	332	233	254	266	28
4,440	4,857	5,115	1,036	1,108	1,185	19	21	21	337	349	346	140	149	152	600	679	721	400	449	467	29
8,081	9,063	9,994	922	1,098	1,210	340	368	394	543	618	662	727	808	894	918	1,062	1,135	403	449	515	30
175	192	214	15	17	19	2	2	3	7	8	9	8	10	11	13	16	19	7	8	10	31
3,480	3,962	4,453	371	423	470	171	185	199	250	283	315	337	384	430	430	500	563	213	245	277	32
11,813	12,071	12,831	962	961	1,018	341	340	356	1,086	1,101	1,184	1,054	1,073	1,151	1,519	1,481	1,677	608	597	638	33
3,994	3,836	4,345	207	184	213	31	22	28	402	407	470	251	252	304	637	556	722	197	150	177	34
7,820	8,235	8,486	755	777	804	311	317	328	684	694	714	803	822	847	882	925	955	411	447	461	35
13,814	15,242	16,463	1,554	1,731	1,866	498	527	561	888	987	1,062	1,126	1,224	1,320	1,423	1,536	1,655	587	652	705	36
9,586	10,945	12,113	925	1,060	1,175	508	555	602	774	868	943	831	936	1,038	912	1,029	1,134	438	502	557	37
3,363	3,700	4,237	431	477	543	128	143	164	242	268	305	312	345	396	392	444	512	188	207	238	38

Table 45.—Arkansas			Table 46.—Southwest			Table 47.—Oklahoma			Table 48.—Texas			Table 49.—New Mexico			Table 50.—Arizona			Table 51.—Rocky Mountain			Line
1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	
4,236	4,590	4,963	43,604	48,141	52,871	6,664	7,200	7,825	29,952	33,247	36,458	2,464	2,650	2,879	4,525	5,044	5,709	13,438	14,640	16,066	1
2,446	2,679	2,959	28,329	31,493	35,111	4,057	4,442	4,869	19,606	21,903	24,402	1,659	1,786	1,947	3,007	3,363	3,892	8,727	9,562	10,564	2
66	77	100	311	338	347	30	29	30	200	222	226	20	20	20	61	67	72	180	176	191	3
30	31	32	1,386	1,468	1,619	311	334	359	842	870	945	120	126	140	113	138	176	322	358	420	4
1	1	1	4	7	8	2	3	4	802	826	893	3	4	4	(1)	(1)	(1)	22	22	26	5
15	15	16	1,153	1,201	1,297	301	322	344	802	826	893	50	53	59	1	1	1	112	136	158	6
15	16	15	229	260	314	9	10	11	40	45	51	67	69	77	112	137	175	188	200	235	7
177	174	179	1,809	2,016	2,369	197	224	259	1,309	1,441	1,656	104	115	130	200	235	324	561	618	674	8
711	806	909	5,779	6,607	7,419	733	824	907	4,374	5,033	5,648	109	113	127	563	637	737	1,452	1,584	1,767	9
357	407	467	3,455	4,046	4,587	476	539	587	2,455	2,917	3,314	69	70	78	456	521	608	887	977	1,095	10
355	399	442	2,323	2,561	2,832	257	286	320	1,919	2,116	2,334	40	43	49	107	116	129	564	607	671	11
394	435	476	4,989	5,544	6,181	668	720	783	3,574	4,010	4,478	240	258	278	507	556	642	1,537	1,696	1,867	12
96	109	120	1,279	1,441	1,639	173															

Tables 53-62A—Personal Income by Major Sources, 1967-69

[Millions of dollars]

Item	Table 52.—Montana			Table 53.—Idaho			Table 54.—Wyoming			Table 55.—Colorado			Table 56.—Utah			Table 57.—Far West		
	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969
Personal income.....	1,915	2,022	2,172	1,795	1,886	2,120	930	998	1,073	6,129	6,853	7,569	2,669	2,880	3,132	88,571	97,454	105,798
Wage and salary disbursements.....	1,111	1,164	1,252	1,055	1,130	1,249	568	626	680	4,134	4,623	5,173	1,860	2,018	2,210	59,986	66,125	72,282
Farms.....	40	35	39	35	33	32	20	21	20	73	75	87	12	13	13	740	851	894
Mining.....	42	43	53	25	26	29	68	85	102	107	116	129	79	88	106	340	359	387
Coal mining.....	(1)	(1)	(1)	(1)	(1)	(1)	1	2	2	10	11	12	10	9	11	(1)	(1)	1
Crude petroleum and natural gas.....	11	16	18	(1)	(1)	(1)	44	55	66	50	57	66	7	8	9	196	211	224
Mining and quarrying except fuel.....	31	27	34	25	26	29	23	28	35	47	48	51	62	71	87	144	148	163
Contract construction.....	87	90	87	73	74	86	43	51	51	263	303	341	95	101	110	3,335	3,707	4,089
Manufacturing.....	143	157	171	210	238	266	45	44	48	727	794	903	327	352	380	16,240	17,648	18,872
Durable.....	90	102	113	117	135	154	16	15	18	440	481	549	224	244	263	11,928	12,958	13,787
Nondurable.....	53	55	58	93	103	112	28	29	30	287	313	354	103	108	118	4,312	4,690	5,085
Wholesale and retail trade.....	199	213	229	198	213	231	84	92	99	741	839	937	315	340	371	10,065	11,039	12,042
Finance, insurance and real estate.....	39	42	46	39	42	47	17	19	21	196	222	255	69	75	84	2,730	3,103	3,451
Banking.....	18	19	20	15	16	18	8	9	10	51	57	66	20	22	25	713	790	903
Other finance, insurance and real estate.....	21	23	25	24	26	28	9	10	11	145	165	189	49	53	60	2,017	2,313	2,547
Transportation, communications and public utilities.....	129	135	143	91	95	103	68	73	78	353	388	426	173	184	194	4,502	4,900	5,412
Railroad transportation.....	59	60	63	29	30	32	29	30	30	65	65	65	62	64	62	601	610	633
Highway freight and warehousing.....	20	22	23	18	19	21	10	12	15	81	90	95	41	46	51	889	987	1,094
Other transportation.....	9	10	10	5	6	6	7	7	8	68	83	97	16	17	19	1,272	1,420	1,577
Communications and public utilities.....	41	44	46	39	40	43	22	23	25	139	150	169	54	57	62	1,740	1,884	2,109
Services.....	119	128	142	139	149	162	53	58	65	521	572	656	196	231	259	8,095	8,974	10,066
Hotels and other lodging places.....	11	11	12	10	10	11	12	13	14	33	38	44	9	9	10	484	535	607
Personal services and private households.....	17	18	19	18	19	20	9	10	10	73	77	83	26	27	28	1,138	1,193	1,243
Business and repair services.....	12	14	16	47	50	52	6	7	9	79	102	122	31	35	41	1,877	2,030	2,308
Amusement and recreation.....	3	4	4	4	4	5	3	3	3	26	26	30	10	10	12	1,030	1,104	1,201
Professional, social and related services.....	75	81	91	60	66	74	23	25	28	310	328	377	119	149	169	3,566	4,113	4,708
Government.....	310	319	341	243	257	291	169	182	196	1,148	1,308	1,431	592	632	689	13,794	15,385	16,891
Federal, civilian.....	84	82	97	67	71	77	42	44	47	335	365	392	312	334	349	3,247	3,574	3,811
Federal, military.....	59	52	47	26	31	36	25	27	28	273	339	369	34	39	40	2,495	2,852	3,050
State and local.....	167	184	197	149	155	178	102	111	121	540	604	670	246	259	300	8,053	8,959	10,029
Other industries.....	2	3	3	3	3	4	1	1	1	6	7	8	2	2	2	144	157	178
Other labor income.....	51	55	60	52	57	64	24	27	30	178	201	229	82	92	100	2,988	3,324	3,682
Proprietors' income.....	340	340	371	348	333	416	143	131	136	625	687	708	253	249	258	8,524	9,003	9,166
Farm.....	170	173	199	193	167	245	60	46	48	132	179	188	53	51	55	1,420	1,580	1,512
Nonfarm.....	170	167	172	155	166	171	83	85	88	493	508	520	200	198	203	7,104	7,423	7,654
Property income.....	298	331	352	237	250	270	145	157	168	868	979	1,062	362	388	420	12,311	13,450	14,557
Transfer payments.....	179	199	212	160	181	195	77	87	93	522	586	652	211	241	266	7,901	8,979	10,018
Less: Personal contributions for social insurance.....	64	66	75	57	65	74	27	30	34	198	223	254	99	108	122	3,139	3,427	3,907

Item	Table 58.—Washington			Table 59.—Oregon			Table 60.—Nevada			Table 61.—California			Table 62.—Hawaii			Table 62A.—Alaska		
	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969
Personal income.....	10,922	12,108	13,093	6,130	6,663	7,261	1,584	1,783	2,037	69,936	76,900	83,408	2,419	2,710	3,060	1,026	1,119	1,258
Wage and salary disbursements.....	7,352	8,225	8,944	3,959	4,345	4,762	1,184	1,342	1,544	47,491	52,212	57,032	1,766	1,991	2,279	851	940	1,064
Farms.....	61	66	76	50	51	54	10	11	9	618	723	755	67	66	66	1	(1)	(1)
Mining.....	15	15	17	13	13	12	28	29	34	284	303	324	(1)	(1)	(1)	27	36	54
Coal mining.....	(1)	(1)	1	(1)	(1)	(1)	1	1	1	194	208	221	---	---	---	23	33	50
Crude petroleum and natural gas.....	14	13	14	13	12	12	27	27	34	90	95	103	(1)	(1)	(1)	2	2	2
Mining and quarrying except fuel.....	498	548	564	250	266	293	76	95	126	2,512	2,799	3,106	139	171	237	81	86	101
Contract construction.....	2,182	2,418	2,558	1,136	1,272	1,392	50	55	67	12,872	13,902	14,856	140	150	167	41	46	52
Manufacturing.....	1,647	1,844	1,947	842	953	1,041	29	32	40	9,410	10,129	10,759	26	32	41	21	22	24
Durable.....	534	574	611	294	319	351	22	24	26	3,462	3,774	4,097	115	118	126	21	24	28
Wholesale and retail trade.....	1,230	1,363	1,479	755	825	910	167	190	214	7,913	8,661	9,439	260	291	333	90	99	116
Finance, insurance and real estate.....	315	371	407	172	192	213	40	44	52	2,202	2,496	2,778	85	96	117	18	20	23
Banking.....	81	93	108	52	57	64	12	13	16	569	627	715	17	20	24	8	8	9
Other finance, insurance and real estate.....	235	278	299	120	135	149	28	31	37	1,634	1,869	2,063	68	76	93	10	11	13
Transportation, communications and public utilities.....	541	586	638	370	397	424	93	103	116	3,498	3,815	4,233	132	159	186	72	77	96
Railroad transportation.....	111	114	116	87	89	90	22	22	22	380	385	404	---	---	---	3	3	4
Highway freight and warehousing.....	108	117	128	92	105	118	13	15	17	675	750	831	14	16	19	10	11	16
Other transportation.....	163	181	200	64	69	70	18	21	26	1,027	1,148	1,279	68	75	86	29	31	41
Communications and public utilities.....	158	174	194	126	133	146	41	44	51	1,415	1,532	1,719	49	68	81	31	33	35
Services.....	746	842	932	419	466	518	466	520	587	6,463	7,147	8,030	224	258	305	67	77	88
Hotels and other lodging places.....	35	41	48	27	30	32	138	154	184	284	309	343	40	53	66	7	7	8
Personal services and private households.....	115	124	129	70	74	78	24	2										

Table 63—Broad Industrial Sources of Personal Income, by States and Regions, 1969

Table 70—Industrial Sources of Civilian Income Received by Persons for Participation in Current Production,¹ by States and Regions, 1969

(Millions of Dollars)

State and region	Table 63					Table 70											
	Total personal income	Farm income ¹	Government income disbursements ²		Private nonfarm income ³	Total	Farms	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation, communications, and public utilities	Services	Government ²	Other	
			Federal	State and local													
United States.....	744,479	18,977	93,415	68,315	563,772	582,485	19,445	6,154	36,773	174,267	98,363	31,234	41,625	88,203	84,738	1,683	
New England.....	46,922	301	5,169	3,842	37,610	36,147	309	35	2,306	12,811	5,832	2,176	2,054	6,115	4,375	134	
Maine.....	2,987	93	456	279	2,159	2,248	95	2	146	750	377	92	134	301	337	14	
New Hampshire.....	2,489	15	334	176	1,963	1,940	16	3	149	723	310	94	105	282	252	5	
Vermont.....	1,426	51	158	132	1,085	1,100	52	8	97	333	164	47	64	191	142	2	
Massachusetts.....	22,722	66	2,553	1,977	18,127	17,465	68	11	1,067	5,569	2,960	1,105	1,073	3,323	2,223	66	
Rhode Island.....	3,515	7	599	284	2,625	2,597	7	1	163	947	430	136	138	387	376	11	
Connecticut.....	13,784	69	1,070	994	11,650	10,799	71	10	686	4,488	1,591	702	540	1,631	1,045	36	
Mideast.....	176,200	1,132	20,407	17,012	137,648	137,594	1,164	511	7,672	41,766	22,683	9,139	10,541	23,214	20,568	337	
New York.....	81,384	426	7,265	9,378	64,316	62,195	438	94	2,974	16,455	10,696	5,554	5,106	11,697	9,031	149	
New Jersey.....	30,312	102	3,047	2,227	24,936	24,352	105	44	1,517	8,948	4,082	1,275	1,960	3,707	2,646	67	
Pennsylvania.....	43,182	382	4,830	3,551	34,419	34,416	392	355	2,155	13,108	5,352	1,536	2,409	4,906	4,144	59	
Delaware.....	2,218	64	231	178	1,745	1,669	66	1	107	693	234	66	85	217	198	3	
Maryland.....	15,336	160	3,451	1,406	10,319	12,411	164	17	844	2,475	2,054	600	839	2,018	3,369	32	
District of Columbia.....	3,768	.....	1,583	272	1,914	2,552	.....	(³)	75	88	265	108	142	668	1,180	26	
Great Lakes.....	156,739	2,811	13,865	12,624	127,439	127,889	2,877	679	8,330	50,770	20,578	5,500	8,169	16,443	14,301	241	
Michigan.....	35,010	328	2,778	3,256	28,648	28,878	336	119	1,690	12,774	4,332	1,037	1,516	3,635	3,390	49	
Ohio.....	40,145	415	3,759	2,910	33,061	32,971	426	211	2,261	13,806	5,120	1,285	2,104	4,139	3,553	65	
Indiana.....	18,868	601	1,704	1,370	15,193	15,723	615	78	1,052	6,711	2,331	628	972	1,681	1,632	24	
Illinois.....	47,340	882	4,231	3,617	38,611	38,015	902	246	2,544	12,891	6,846	2,056	2,861	5,443	4,152	74	
Wisconsin.....	15,376	585	1,393	1,471	11,926	12,302	599	26	783	4,588	1,949	495	716	1,545	1,573	29	
Plains.....	56,575	4,399	6,826	5,090	40,261	43,769	4,496	394	2,721	10,578	7,946	2,161	3,352	5,970	6,014	140	
Minnesota.....	13,448	657	1,282	1,306	10,203	10,823	672	138	770	2,903	2,000	547	794	1,537	1,436	25	
Iowa.....	9,870	1,244	1,015	891	6,719	7,732	1,271	27	446	1,933	1,300	346	455	940	981	34	
Missouri.....	16,085	544	2,119	1,310	12,112	12,413	556	73	733	3,499	2,310	652	1,091	1,778	1,690	30	
North Dakota.....	1,852	333	313	194	1,012	1,322	340	15	75	61	263	52	96	179	237	3	
South Dakota.....	1,995	379	304	208	1,105	1,461	387	20	68	118	264	57	84	192	264	7	
Nebraska.....	5,230	687	655	488	3,399	3,961	703	14	251	641	711	216	308	529	573	14	
Kansas.....	8,096	554	1,138	694	5,710	6,057	567	106	375	1,422	1,099	291	525	815	832	26	
Southeast.....	128,989	4,963	21,130	11,340	91,556	99,271	5,080	1,648	6,812	26,985	16,864	4,728	7,116	13,897	15,803	337	
Virginia.....	15,441	253	4,050	1,280	9,859	11,731	259	112	758	2,607	1,840	538	836	1,652	3,101	27	
West Virginia.....	4,735	34	669	459	3,573	3,702	35	417	258	1,069	526	110	332	451	500	4	
Kentucky.....	9,202	498	1,452	783	6,469	7,139	508	220	555	2,016	1,147	279	507	920	973	14	
Tennessee.....	11,189	328	1,430	1,018	8,413	9,051	335	47	540	3,081	1,549	414	536	1,239	1,293	17	
North Carolina.....	15,030	789	2,019	1,253	10,970	12,006	806	26	704	4,374	1,927	509	722	1,437	1,474	28	
South Carolina.....	7,018	198	1,230	554	5,035	5,509	203	11	337	2,140	800	216	281	722	786	13	
Georgia.....	14,253	544	2,263	1,174	10,272	11,275	556	50	656	3,262	2,115	592	897	1,421	1,680	45	
Florida.....	22,396	724	3,586	1,927	16,159	15,915	743	63	1,413	2,556	3,192	1,084	1,299	2,991	2,474	100	
Alabama.....	9,116	363	1,593	848	6,312	7,176	371	67	416	2,248	1,103	293	451	943	1,265	19	
Mississippi.....	5,234	452	864	498	3,421	4,020	463	54	239	1,118	612	160	236	516	604	17	
Louisiana.....	10,413	283	1,244	1,122	7,764	7,927	290	544	715	1,492	1,439	371	755	1,130	1,159	31	
Arkansas.....	4,963	499	731	424	3,309	3,820	510	38	221	1,021	614	162	263	475	493	23	
Southwest.....	52,871	2,018	8,079	4,633	38,141	40,269	2,069	1,936	2,823	8,200	7,434	2,180	3,014	6,096	6,391	125	
Oklahoma.....	7,825	321	1,440	753	5,311	5,740	328	410	328	1,008	989	292	472	815	1,076	22	
Texas.....	36,458	1,314	5,187	2,914	27,043	27,926	1,348	1,176	1,978	6,238	5,355	1,547	2,098	4,144	3,961	82	
New Mexico.....	2,879	152	557	387	1,783	2,201	155	155	154	141	336	93	167	426	567	6	
Arizona.....	5,709	231	895	579	4,003	4,402	238	194	362	814	755	248	278	712	788	15	
Rocky Mountain.....	16,066	908	2,657	1,634	10,868	12,376	929	461	833	1,958	2,230	607	1,044	1,830	2,445	39	
Montana.....	2,172	233	337	213	1,389	1,629	238	60	107	191	283	66	158	224	296	7	
Idaho.....	2,120	270	286	196	1,368	1,687	277	32	113	297	290	65	116	230	257	9	
Wyoming.....	1,073	67	159	128	719	814	69	111	66	53	124	29	86	104	168	3	
Colorado.....	7,569	271	1,267	766	5,265	5,727	277	142	408	998	1,095	340	473	912	1,069	14	
Utah.....	3,132	67	608	330	2,127	2,519	68	115	139	420	437	107	212	361	655	6	
Far West.....	105,798	2,347	14,143	11,666	77,642	81,939	2,419	432	4,901	20,954	14,287	4,575	6,017	14,131	13,922	300	
Washington.....	13,093	374	1,958	1,363	9,398	10,190	384	19	677	2,846	1,783	541	709	1,407	1,778	45	
Oregon.....	7,261	192	862	732	5,474	5,785	198	14	370	1,576	1,118	284	477	823	903	23	
Nevada.....	2,037	29	258	197	1,553	1,675	30	38	140	75	246	71	128	671	273	4	
California.....	83,408	1,752	1,065	9,374	61,217	64,290	1,808	362	3,715	16,457	11,139	3,678	4,704	11,230	10,969	228	
Alaska.....	1,258	(⁴)	421	153	684	969	1	58	112	58	133	29	110	114	332	21	
Hawaii.....	3,060	9	717	322	1,923	2,261	100	(³)	264	186	376	138	207	393	587	9	

Footnotes to table 63:

1. Consists of net income of farm proprietors', farm wages, and farm other labor income less personal contributions under the OASDHI program.

2. Consists of income disbursed directly to persons by the Federal and State and local Governments. Comprises wages and salaries (net of employee contributions for social insurance), other labor income, interest and transfer payments.

3. Equals total personal income less farm income and government income disbursements.

4. Less than \$500,000.

NOTE.—Details may not add to total because of rounding.

Footnotes to table 70:

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

2. Does not include earnings of military personnel.

3. Less than \$500,000.

NOTE.—Details may not add to total because of rounding.

Source: U.S. Department of Commerce, Office of Business Economics.

Table 70.—Industrial Sources of Civilian Income Received by Persons for Participation in Current Production,¹ by States and Regions, 1968—Continued

[Millions of dollars]

State and region	Total	Farms	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation, communications, and public utilities	Services	Government ²	Other
United States	533,908	17,944	5,604	32,835	161,280	90,823	28,695	37,939	79,765	77,462	1,561
New England	33,524	281	33	2,059	12,117	5,418	2,008	1,854	5,534	4,092	128
Maine.....	2,074	69	2	125	723	350	85	123	274	311	14
New Hampshire.....	1,793	16	3	124	691	282	86	93	257	237	5
Vermont.....	1,008	51	7	82	305	151	43	57	171	139	2
Massachusetts.....	16,254	67	11	968	5,287	2,777	1,027	967	3,015	2,072	63
Rhode Island.....	2,430	7	2	156	889	407	128	124	355	353	11
Connecticut.....	9,965	72	9	604	4,223	1,453	640	490	1,462	980	34
Mideast	127,103	1,007	465	7,008	39,114	21,121	8,445	9,664	21,129	18,838	312
New York.....	57,636	405	91	2,745	15,514	10,030	5,106	4,654	10,657	8,296	139
New Jersey.....	22,509	103	36	1,421	8,311	3,749	1,198	1,781	3,407	2,439	64
Pennsylvania.....	31,707	341	323	1,928	12,223	4,982	1,428	2,242	4,446	3,739	54
Delaware.....	1,524	41	1	104	650	211	60	80	197	178	4
Maryland.....	11,314	117	15	735	2,331	1,889	549	772	1,813	3,065	28
District of Columbia.....	2,413		(?)	76	85	261	103	135	609	1,121	23
Great Lakes	117,297	2,752	625	7,281	46,873	19,067	5,078	7,443	14,819	13,136	223
Michigan.....	26,474	335	114	1,450	11,901	3,990	947	1,381	3,224	3,087	45
Ohio.....	30,174	489	188	1,937	12,688	4,698	1,186	1,930	3,750	3,249	80
Indiana.....	14,334	500	73	907	6,120	2,160	582	885	1,522	1,563	22
Illinois.....	34,997	805	228	2,267	11,963	6,399	1,908	2,603	4,934	3,822	69
Wisconsin.....	11,318	624	22	720	4,201	1,821	456	643	1,389	1,415	27
Plains	40,133	4,042	372	2,471	9,841	7,362	2,000	3,084	5,425	5,406	130
Minnesota.....	9,807	645	135	664	2,580	1,837	500	719	1,409	1,296	23
Iowa.....	7,096	1,114	28	423	1,797	1,227	318	426	858	872	33
Missouri.....	11,620	662	66	681	3,340	2,125	609	997	1,606	1,506	28
North Dakota.....	1,159	247	15	71	56	249	50	91	163	213	3
South Dakota.....	1,371	380	18	64	110	248	55	77	174	238	7
Nebraska.....	3,452	507	12	213	585	657	200	283	481	500	13
Kansas.....	5,630	487	99	355	1,372	1,019	268	491	735	782	24
Southeast	89,908	4,526	1,505	6,028	24,481	15,352	4,262	6,444	12,518	14,481	311
Virginia.....	10,708	228	99	683	2,413	1,672	486	775	1,488	2,839	25
West Virginia.....	3,456	30	370	229	1,027	493	102	319	417	465	4
Kentucky.....	6,527	450	199	488	1,836	1,061	255	471	829	925	13
Tennessee.....	8,228	286	46	491	2,806	1,421	376	487	1,119	1,182	16
North Carolina.....	10,811	639	25	604	3,958	1,768	459	654	1,303	1,378	24
South Carolina.....	4,971	177	10	319	1,935	725	198	243	645	708	11
Georgia.....	10,021	445	45	587	2,891	1,880	528	806	1,272	1,525	42
Florida.....	13,901	668	63	1,074	2,274	2,834	944	1,122	2,631	2,198	92
Alabama.....	6,522	309	59	372	2,021	1,017	274	412	879	1,162	17
Mississippi.....	3,761	479	49	205	1,028	568	148	212	475	579	17
Louisiana.....	7,485	325	502	760	1,386	1,344	342	697	1,028	1,071	29
Arkansas.....	3,516	491	37	214	904	570	151	245	433	449	21
Southwest	36,446	1,993	1,767	2,445	7,304	6,769	1,983	2,765	5,464	5,841	116
Oklahoma.....	5,223	268	384	291	916	922	272	426	739	985	20
Texas.....	25,345	1,344	1,090	1,747	5,558	4,866	1,407	1,931	3,702	3,622	76
New Mexico.....	2,032	144	140	138	126	315	86	157	396	525	6
Arizona.....	3,846	236	153	269	703	666	218	251	627	710	13
Rocky Mountain	11,210	795	395	771	1,756	2,051	557	969	1,652	2,227	37
Montana.....	1,501	209	49	110	175	266	63	149	205	268	6
Idaho.....	1,483	200	29	100	266	271	60	107	213	228	9
Wyoming.....	754	67	94	66	49	117	28	81	95	156	3
Colorado.....	5,160	255	128	367	877	993	308	431	812	976	13
Utah.....	2,312	64	95	129	389	404	98	201	327	599	5
Far West	75,474	2,444	403	4,481	19,576	13,235	4,220	5,448	12,782	12,611	275
Washington.....	9,438	359	17	658	2,685	1,661	504	652	1,288	1,572	43
Oregon.....	5,288	166	14	339	1,438	1,028	261	446	751	822	21
Nevada.....	1,457	19	31	107	62	222	63	112	599	237	4
California.....	59,292	1,899	340	3,378	15,390	10,323	3,392	4,237	10,144	9,980	207
Alaska.....	848	1	40	95	52	115	27	90	101	306	21
Hawaii.....	1,966	103	(?)	196	167	333	115	178	341	524	8

See footnotes for table 70 on page 41.

Table 70.—Industrial Sources of Civilian Income Received by Persons for Participation in Current Production,¹ by States and Regions, 1967—Continued

[Millions of dollars]

State and region	Total	Farms	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation, communications, and public utilities	Services	Government ²	Other
United States	489,439	17,594	5,346	29,838	148,129	83,865	25,778	35,062	73,111	69,258	1,458
New England	31,009	248	29	1,899	11,478	5,000	1,817	1,728	5,020	3,668	122
Maine.....	1,915	65	1	124	669	321	76	117	248	280	14
New Hampshire.....	1,636	14	3	115	632	259	77	84	236	212	5
Vermont.....	921	44	7	70	286	140	39	53	160	119	2
Massachusetts.....	14,980	58	10	873	5,025	2,540	928	909	2,695	1,882	59
Rhode Island.....	2,244	5	2	148	837	374	116	118	316	318	10
Connecticut.....	9,313	61	8	568	4,028	1,366	580	446	1,366	857	32
Mideast	116,911	1,073	472	6,397	36,663	19,643	7,477	8,975	19,419	16,507	284
New York.....	52,988	402	92	2,514	14,580	9,389	4,444	4,322	9,824	7,295	125
New Jersey.....	20,731	110	34	1,319	7,788	3,457	1,088	1,625	3,101	2,152	58
Pennsylvania.....	29,420	391	330	1,701	11,424	4,647	1,299	2,107	4,127	3,343	50
Delaware.....	1,387	45	1	95	592	190	54	74	178	154	3
Maryland.....	10,126	125	14	694	2,195	1,705	495	717	1,630	2,527	27
District of Columbia.....	2,259		(³)	75	84	255	97	131	559	1,037	20
Great Lakes	107,919	2,775	610	6,556	43,001	17,727	4,638	6,935	13,710	11,760	208
Michigan.....	23,936	322	109	1,373	10,581	3,669	856	1,273	2,960	2,752	43
Ohio.....	27,481	408	177	1,647	11,551	4,370	1,083	1,760	3,491	2,938	56
Indiana.....	13,219	513	68	849	5,631	2,004	526	828	1,376	1,402	21
Illinois.....	32,807	983	232	2,021	11,271	5,980	1,755	2,475	4,589	3,438	64
Wisconsin.....	10,476	550	24	666	3,967	1,703	418	600	1,294	1,230	25
Plains	37,230	3,975	344	2,265	9,020	6,882	1,832	2,900	5,006	4,878	127
Minnesota.....	8,974	638	121	607	2,323	1,700	454	677	1,295	1,138	21
Iowa.....	6,681	1,083	26	402	1,664	1,169	295	403	807	799	33
Missouri.....	10,642	557	59	626	3,070	1,979	556	931	1,466	1,374	25
North Dakota.....	1,143	279	14	72	51	237	48	87	151	201	3
South Dakota.....	1,275	348	16	59	100	237	51	73	168	216	7
Nebraska.....	3,319	588	12	198	531	620	185	268	448	452	16
Kansas.....	5,196	482	96	301	1,280	941	243	462	673	697	21
Southeast	81,734	4,652	1,445	5,471	21,780	13,998	3,812	5,860	11,437	12,988	290
Virginia.....	9,633	250	91	620	2,128	1,531	439	715	1,357	2,479	24
West Virginia.....	3,297	38	378	209	975	466	95	301	401	430	4
Kentucky.....	5,973	451	192	429	1,646	988	233	436	766	819	12
Tennessee.....	7,480	287	42	452	2,485	1,317	335	446	1,033	1,069	15
North Carolina.....	9,773	721	23	556	3,462	1,604	407	584	1,194	1,199	21
South Carolina.....	4,506	222	10	288	1,714	651	175	216	579	642	9
Georgia.....	9,111	476	40	517	2,583	1,694	469	727	1,159	1,407	39
Florida.....	12,352	637	60	926	2,008	2,518	831	991	2,358	1,937	85
Alabama.....	6,038	282	58	354	1,828	951	250	381	826	1,092	17
Mississippi.....	3,428	478	46	211	893	524	132	193	431	503	17
Louisiana.....	6,919	356	470	694	1,263	1,228	312	643	939	984	29
Arkansas.....	3,225	453	35	215	796	525	135	228	393	427	18
Southwest	32,844	1,804	1,679	2,208	6,384	6,155	1,781	2,534	4,919	5,277	103
Oklahoma.....	4,821	323	358	256	814	855	247	385	654	912	16
Texas.....	22,669	1,133	1,063	1,595	4,827	4,392	1,257	1,767	3,326	3,238	70
New Mexico.....	1,901	133	133	127	121	298	81	149	380	474	5
Arizona.....	3,453	216	125	230	621	609	196	232	559	652	12
Rocky Mountain	10,371	791	355	709	1,607	1,885	512	900	1,518	2,059	35
Montana.....	1,436	211	49	107	160	253	60	143	196	252	6
Idaho.....	1,422	229	27	98	234	254	56	102	198	218	8
Wyoming.....	707	80	75	57	50	108	26	75	87	145	3
Colorado.....	4,653	205	118	324	803	890	279	391	748	881	13
Utah.....	2,153	66	86	123	360	380	91	189	289	563	5
Far West	68,883	2,171	382	4,079	17,992	12,168	3,780	4,998	11,684	11,372	258
Washington.....	8,587	366	18	604	2,418	1,521	441	599	1,174	1,404	41
Oregon.....	4,893	195	16	321	1,282	957	238	415	694	753	21
Nevada.....	1,298	19	31	87	57	196	57	102	537	211	3
California.....	54,105	1,592	318	3,066	14,234	9,495	3,045	3,882	9,278	9,003	193
Alaska.....	772	1	(³)	91	47	105	24	84	91	277	23
Hawaii.....	1,766	105		163	158	301	104	147	306	473	8

See footnotes for table 70 on page 41.

(Continued from page 3)

income was unaffected by some aspect of the increases in social security benefits and Federal pay (both first paid in April) and the associated retroactive payments. Table 1 shows changes in income and its components from February through July, and indicates the impact of the retroactive payments.

In the case of the Federal pay increase, the retroactive payment was spread in about equal amounts through April and May. Its absence from the income stream in June put a drag of about \$3¼ billion on total income in that month. Another factor holding back June income was the failure of some companies to pay customary extra dividends. Because income from dividends was more normal in July, the dividend component, seasonally adjusted, moved up again. Private wages and salaries increased as higher hourly pay and a slightly longer workweek outweighed the drop in the number of workers on nonfarm payrolls.

Retail trade

A reading of the weekly retail trade data for July suggests only a small increase in sales, concentrated in autos. A recovery in spending for autos, following a sharp drop in the first quarter, also contributed significantly to consumption spending on durable goods in the second quarter. Dealer sales of domestic models in the quarter were nearly 8 million units at a seasonally adjusted annual rate, well below the

pace through most of last year but up more than ½ million units from the first quarter. Sales in July were about equal to the second quarter rate. Meanwhile, sales of foreign models have continued to expand and are now at an annual rate of about 1½ million units. This fall will see the introduction of new domestic subcompacts intended to compete directly with the foreign vehicles, but the industry faces the threat of a strike and a prolonged stoppage could of course disrupt the market appreciably.

Wholesale prices higher

The wholesale price index for industrial commodities, seasonally adjusted, has been rising from month to month this year at a fairly steady annual rate of about 3½ percent, somewhat below the pace in the second half of last year. The 3½ percent rate was maintained in July. On an unadjusted basis, the industrial index in July was affected by an increase in prices of machinery and equipment, and a substantial rise in prices of tires and tubes. However, the index of metals prices dropped for the first time since late 1968, reflecting both a weakening of iron and steel scrap prices and widespread reductions for nonferrous metals.

The price indexes for farm products and processed foods and feeds have been quite volatile in recent months. They rose substantially in July, both before and after seasonal adjustment. As a consequence, the increase in the aggregate wholesale index was considerably

larger than it had been in the preceding few months, when the behavior of non-industrial prices had had a moderating effect on the total.

(Continued from page 23)

base industries were accompanied by poor performances in nearly all residentiary industries, especially trade, services, and construction.

A similar pattern of income change characterized the mideast in the 1948-57 period.

Rocky Mountains.—The Rocky Mountain region, like the Plains, is a region in which the developments that occurred reflect the dominance of agriculture. Individually, export-based industries performed relatively well in this region. However, the importance of agriculture limited the relative growth of all export-type industries taken as a whole. This, in turn, held down the relative rise in income from residentiary industries and, of course, in total income.

Economic developments in the Rocky Mountain States during the 1960's differ from those in the first postwar period, when the advance in total income in the region was a little above average. The somewhat better performance of the Rocky Mountain States in the 1950's is largely due to farm income which in that period contracted much less in the Rocky Mountain region than nationwide.

CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1969 edition of BUSINESS STATISTICS, biennial statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (price \$3.00) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1965 through 1968 (1958-68 for major quarterly series), annually, 1939-68; for selected series, monthly or quarterly, 1947-68 (where available). Series added or significantly revised after the 1969 BUSINESS STATISTICS went to press are indicated by an asterisk (*) and a dagger (†), respectively; certain revisions for 1968 issued too late for inclusion in the 1969 volume appear in the monthly SURVEY beginning with the September 1969 issue. Also, unless otherwise noted, revised monthly data for periods not shown herein corresponding to revised annual data are available upon request.

The sources of the data are given in the 1969 edition of BUSINESS STATISTICS; they appear in the main descriptive note for each series, and are also listed alphabetically on pages 189-90. 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 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1967	1968	1969	1967			1968				1969				1970	
	Annual total			II	III	IV	I	II	III	IV	I	II	III	IV	I	II
	Seasonally adjusted quarterly totals at annual rates															

GENERAL BUSINESS INDICATORS—Quarterly Series

NATIONAL INCOME AND PRODUCT																
Gross national product, total †.....bil. \$..	793.9	865.0	931.4	784.5	800.9	815.9	834.9	858.1	875.8	891.4	907.6	923.7	942.6	951.7	959.5	* 971.1
Personal consumption expenditures, total.....do....	492.1	535.8	577.5	489.6	495.5	502.5	519.7	529.1	543.8	550.8	561.8	573.3	582.1	592.6	603.1	* 614.4
Durable goods, total ?.....do....	73.1	84.0	90.0	73.6	73.7	75.3	79.9	82.6	86.7	86.9	89.1	90.6	89.5	90.8	89.1	* 91.9
Automobiles and parts.....do....	30.5	37.2	40.3	31.4	31.2	31.1	34.9	36.0	39.1	38.8	39.8	40.0	40.2	41.1	37.7	* 39.4
Furniture and household equipment.....do....	31.4	34.6	36.7	31.2	31.3	32.5	33.7	34.1	35.4	35.2	35.8	37.2	36.7	36.9	38.3	* 38.9
Nondurable goods, total ?.....do....	215.0	230.2	245.8	214.2	215.5	217.1	225.6	227.6	232.6	234.8	239.2	244.0	248.1	252.0	258.8	* 262.6
Clothing and shoes.....do....	42.3	46.1	49.9	42.5	42.7	42.5	44.8	45.2	47.1	47.2	47.9	50.0	50.7	50.9	51.3	* 51.8
Food and beverages.....do....	108.5	115.1	121.7	107.8	108.4	109.5	112.7	114.7	116.1	117.0	119.1	120.8	122.4	124.6	128.8	* 131.2
Gasoline and oil.....do....	17.6	19.0	21.1	17.5	17.7	18.1	18.8	18.6	19.2	19.3	20.3	20.8	21.5	21.7	22.4	* 22.7
Services, total ?.....do....	204.0	221.6	241.6	201.8	206.3	210.1	214.2	218.9	224.5	229.0	233.5	238.7	244.5	249.8	255.2	* 259.9
Household operation.....do....	29.1	31.2	33.9	29.0	29.2	30.1	30.4	30.8	31.5	32.1	32.7	33.3	34.5	34.8	35.2	* 35.9
Housing.....do....	71.8	77.4	84.0	71.2	72.3	73.7	75.2	76.6	77.9	79.8	81.4	83.0	84.7	87.0	89.0	* 90.8
Transportation.....do....	14.5	15.6	16.7	14.4	14.6	14.6	15.2	15.3	15.6	16.1	16.2	16.5	16.8	17.1	17.7	* 17.9
Gross private domestic investment, total.....do....	116.6	126.5	139.8	110.7	118.6	123.0	119.8	127.3	126.5	132.6	136.0	139.3	143.8	140.2	133.2	* 134.3
Fixed investment.....do....	108.4	118.9	131.4	106.2	109.9	113.0	117.2	117.0	118.3	123.3	128.7	131.4	132.4	133.0	131.6	* 131.2
Nonresidential.....do....	83.3	88.7	99.3	82.9	83.3	84.1	88.3	86.4	88.3	91.6	95.7	97.5	101.5	102.6	102.6	* 102.8
Structures.....do....	28.0	29.6	33.8	27.3	27.9	28.0	29.8	28.9	29.4	30.3	32.6	32.3	35.2	35.1	35.7	* 35.3
Producers' durable equipment.....do....	55.3	59.1	65.5	55.6	55.4	56.2	58.5	57.5	59.0	61.3	63.1	65.2	66.3	67.5	66.9	* 67.5
Residential structures.....do....	25.1	30.3	32.0	23.3	26.6	28.8	28.8	30.6	29.9	31.7	33.0	33.9	31.0	30.4	29.1	* 28.4
Nonfarm.....do....	24.5	29.7	31.5	22.7	26.0	28.3	28.3	30.1	29.4	31.1	32.4	33.3	30.4	29.8	28.4	* 27.8
Change in business inventories.....do....	8.2	7.6	8.5	4.5	8.7	10.0	2.6	10.4	8.2	9.3	7.4	7.9	11.3	7.2	1.6	* 3.1
Nonfarm.....do....	7.5	7.5	8.0	4.0	7.8	8.5	2.5	10.3	8.1	9.3	7.3	7.6	10.8	6.5	.9	* 2.6
Net exports of goods and services.....do....	5.2	2.5	1.9	5.8	5.6	4.0	1.8	3.4	3.4	1.4	1.3	1.3	2.6	2.6	3.5	* 4.1
Exports.....do....	46.2	50.6	55.5	46.0	46.3	46.8	47.7	50.7	53.2	50.9	47.8	57.2	58.3	58.8	61.1	* 62.8
Imports.....do....	41.0	48.1	53.6	40.1	40.7	42.8	45.9	47.3	49.8	49.5	46.5	55.9	55.6	56.2	57.6	* 58.7
Govt. purchases of goods and services, total.....do....	180.1	200.2	212.2	178.4	181.3	186.5	193.7	198.3	202.1	206.7	208.5	209.9	214.1	216.3	219.6	* 218.4
Federal.....do....	90.7	99.5	101.3	90.1	91.4	93.6	96.4	98.9	100.7	101.9	100.9	99.8	102.5	102.1	102.3	* 99.7
National defense.....do....	72.4	78.0	78.8	71.8	73.0	74.7	76.3	77.8	78.6	79.2	78.6	77.9	79.8	78.8	79.3	* 76.8
State and local.....do....	89.4	100.7	110.8	88.2	89.9	92.9	97.2	99.4	101.4	104.7	107.5	110.1	111.6	114.2	117.4	* 118.7
By major type of product: †																
Final sales, total.....do....	785.7	857.4	922.9	780.0	792.2	805.9	832.3	847.8	867.6	882.1	900.2	915.9	931.2	944.5	957.9	* 968.1
Goods, total.....do....	390.7	422.9	451.6	392.1	393.1	395.0	411.6	417.8	429.0	433.3	440.9	448.8	454.9	461.7	465.5	* 471.8
Durable goods.....do....	156.5	170.4	183.9	158.2	157.6	158.5	165.2	168.0	173.1	175.3	180.5	182.7	184.8	187.4	185.5	* 188.5
Nondurable goods.....do....	234.2	252.5	267.7	234.0	235.5	236.5	246.4	249.8	255.9	258.0	260.4	266.1	270.1	274.3	280.0	* 283.3
Services.....do....	316.5	347.1	377.6	311.9	319.7	328.4	334.7	343.1	352.2	358.4	364.8	372.3	383.0	390.3	400.1	* 405.8
Structures.....do....	78.6	87.4	93.8	75.9	79.4	82.5	86.0	86.8	86.3	90.5	94.5	94.8	93.3	92.5	92.3	* 90.4
Change in business inventories.....do....	8.2	7.6	8.5	4.5	8.7	10.0	2.6	10.4	8.2	9.3	7.4	7.9	11.3	7.2	1.6	* 3.1
Durable goods.....do....	4.7	5.7	6.4	2.1	5.6	6.1	2.5	7.1	5.8	7.2	5.6	6.7	7.9	5.3	—	* -1.9
Nondurable goods.....do....	3.5	2.0	2.1	2.4	3.1	3.9	.1	3.2	2.4	2.1	1.8	1.2	3.5	1.9	1.9	* 5.0
GNP in constant (1958) dollars																
Gross national product, total †.....bil. \$..	675.2	707.2	727.1	671.6	678.9	683.6	693.5	705.4	712.6	717.5	722.1	726.1	730.9	729.2	723.8	* 724.9
Personal consumption expenditures, total.....do....	430.1	452.3	467.7	430.3	431.6	434.3	445.0	448.4	457.7	458.1	463.3	467.1	468.7	471.7	474.0	* 478.1
Durable goods.....do....	72.9	81.4	84.9	74.0	73.3	74.0	78.1	80.2	83.9	83.2	84.9	85.7	84.1	84.9	82.7	* 84.9
Nondurable goods.....do....	190.2	196.5	201.2	190.4	190.0	190.3	195.5	194.9	197.9	197.6	199.7	200.9	201.9	202.4	205.6	* 206.6
Services.....do....	167.0	174.4	181.6	165.9	168.3	169.9	171.3	173.2	175.9	177.4	178.7	180.5	182.7	184.4	185.8	* 186.6
Gross private domestic investment, total.....do....	101.2	105.7	111.3	96.7	102.4	105.1	101.3	107.1	105.1	109.5	109.7	111.5	114.1	110.0	102.9	* 103.1
Fixed investment.....do....	93.5	98.8	104.1	92.5	94.2	95.9	98.9	97.6	97.7	101.0	103.6	104.8	104.2	103.9	101.5	* 100.1
Nonresidential.....do....	73.2	75.5	80.8	73.3	72.9	72.9	76.1	73.8	74.9	77.1	79.3	80.2	81.9	82.1	80.9	* 80.2
Residential structures.....do....	20.4	23.3	23.3	19.2	21.3	23.0	22.9	23.8	22.8	23.9	24.3	24.7	22.3	21.8	20.7	* 20.0
Change in business inventories.....do....	7.7	6.9	7.2	4.3	8.3	9.2	2.4	9.5	7.4	8.5	6.1	6.6	9.9	6.1	1.3	* 2.9
Net exports of goods and services.....do....	3.6	.9	.2	4.3	4.2	2.1	.8	1.5	1.5	—	—	—	.8	.9	1.9	* 2.4
Govt. purchases of goods and services, total.....do....	140.2	148.3	147.8	140.2	140.7	142.2	146.4	148.5	148.3	150.0	149.5	147.9	147.3	146.6	145.0	* 141.3
Federal.....do....	74.7	78.7	75.7	74.9	75.4	75.5	77.5	79.1	78.9	79.4	78.0	75.8	75.2	73.8	71.1	* 67.8
State and local.....do....	65.5	69.6	72.1	65.3	65.3	66.7	68.9	69.4	69.4	70.6	71.5	72.1	72.1	72.9	73.8	* 73.5

* Revised. † Preliminary. ‡ Revised series. Estimates of national income and product and personal income have been revised back to 1967 (see p. 17 ff. of the July 1970

SURVEY); revisions prior to May 1969 for personal income appear on p. 26 ff. of the July 1970 SURVEY. † Includes data not shown separately.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1967	1968	1969	1967		1968				1969				1970		
	Annual total			III	IV	I	II	III	IV	I	II	III	IV	I	II	III
	GENERAL BUSINESS INDICATORS—Quarterly Series—Continued															
NATIONAL INCOME AND PRODUCT—Con.																
Quarterly Data Seasonally Adjusted at Annual Rates																
National income, total†.....bil. \$..	653.6	712.7	769.5	658.3	671.6	687.2	706.1	722.2	735.2	749.3	764.0	779.5	785.2	791.5	p 797.7	-----
Compensation of employees, total.....do....	467.2	514.1	564.2	470.9	481.8	495.3	507.6	520.9	532.5	544.9	557.5	572.2	582.1	592.2	r 596.4	-----
Wages and salaries, total.....do....	423.1	464.8	509.0	426.4	436.2	447.9	458.9	471.0	481.4	491.6	502.9	516.4	525.3	534.4	r 537.4	-----
Private.....do....	337.3	369.1	404.9	340.1	346.5	356.0	364.7	373.4	382.5	391.5	401.2	409.9	417.2	422.6	r 424.0	-----
Military.....do....	16.2	17.9	19.0	16.1	17.0	17.3	17.6	18.6	18.2	18.1	18.4	19.9	19.6	a20.1	r 19.5	-----
Government civilian.....do....	69.5	77.8	85.1	70.3	72.7	74.7	76.6	79.0	80.7	81.9	83.4	86.6	88.5	a91.7	r 93.9	-----
Supplements to wages and salaries.....do....	44.2	49.3	55.1	44.5	45.6	47.4	48.7	49.9	51.1	53.3	54.6	55.8	56.8	57.9	59.0	-----
Proprietors' income, total?.....do....	62.1	64.1	66.8	62.9	62.9	62.9	63.8	64.4	65.2	66.0	66.7	67.5	67.2	67.6	67.8	-----
Business and professional?.....do....	47.3	49.1	50.5	47.9	47.7	48.5	49.2	49.2	49.4	49.9	50.5	50.9	50.6	50.6	51.2	-----
Farm.....do....	14.8	15.0	16.4	14.9	15.2	14.4	14.6	15.3	15.8	16.2	16.2	16.6	16.6	17.0	16.5	-----
Rental income of persons.....do....	21.1	21.3	22.0	21.3	21.3	21.3	21.3	21.3	21.3	21.6	22.0	22.1	22.3	22.5	22.6	-----
Corporate profits and inventory valuation adjustment, total.....bil. \$..	78.7	85.4	85.8	78.4	80.0	81.3	86.0	87.4	87.1	87.1	87.4	86.8	82.0	76.7	p 77.8	-----
By broad industry groups:																
Financial institutions.....do....	10.0	11.0	12.0	9.9	10.2	10.6	10.8	11.5	11.2	11.5	11.9	12.2	12.2	12.0	p 12.3	-----
Nonfinancial corporations, total.....do....	68.7	74.4	73.8	68.6	69.8	70.6	75.2	75.9	75.9	75.4	74.6	69.8	64.7	64.7	p 65.5	-----
Manufacturing, total.....do....	38.7	42.4	41.8	38.1	38.7	40.1	42.8	42.9	43.7	43.4	42.9	41.8	39.1	35.2	-----	-----
Nondurable goods industries.....do....	18.0	19.1	19.3	17.9	18.1	18.6	18.9	19.4	19.2	19.4	19.9	19.1	19.0	18.3	-----	-----
Durable goods industries.....do....	20.7	23.3	22.4	20.2	20.6	21.5	23.9	23.6	24.4	24.0	23.0	22.7	20.0	16.9	-----	-----
Transportation, communication, and public utilities.....do....	10.8	11.0	10.7	10.8	10.7	11.1	11.0	11.2	10.7	11.0	10.8	10.6	10.3	9.1	-----	-----
All other industries.....do....	19.1	21.0	21.4	19.6	20.3	19.5	21.3	21.8	21.5	21.2	21.8	22.2	20.4	20.4	-----	-----
Corporate profits before tax, total.....do....	79.8	88.7	91.2	78.8	83.3	86.7	88.6	88.4	91.3	93.0	93.4	89.9	88.5	82.6	p 82.3	-----
Corporate profits tax liability.....do....	33.2	40.6	42.7	32.6	34.5	39.8	40.4	40.4	41.7	43.5	43.8	42.1	41.4	38.0	p 38.0	-----
Corporate profits after tax.....do....	46.6	48.2	48.5	46.2	48.9	46.9	48.3	48.0	49.6	49.5	49.7	47.9	47.1	44.6	p 44.3	-----
Dividends.....do....	21.4	23.3	24.7	21.9	21.0	22.3	23.1	23.8	24.1	24.1	24.4	25.0	25.2	25.2	25.1	-----
Undistributed profits.....do....	25.3	24.9	23.9	24.3	27.8	24.7	25.2	24.2	25.5	25.5	25.2	22.9	21.9	19.4	p 19.2	-----
Inventory valuation adjustment.....do....	-1.1	-3.3	-5.4	-4	-3.3	-5.4	-2.6	-9	-4.2	-5.9	-6.0	-3.2	-6.5	-5.8	-4.5	-----
Net interest.....do....	24.4	27.8	30.7	24.8	25.6	26.4	27.3	28.2	29.1	29.7	30.4	31.0	31.7	32.4	33.1	-----
DISPOSITION OF PERSONAL INCOME†																
Quarterly Data Seasonally Adjusted at Annual Rates																
Personal income, total.....bil. \$..	629.3	688.7	748.9	634.7	646.3	664.0	680.9	697.6	712.5	725.8	741.1	758.1	770.5	782.3	r 801.3	-----
Less: Personal tax and nontax payments.....do....	83.0	97.5	117.3	84.0	86.3	89.1	92.6	102.1	106.5	113.8	118.1	117.5	119.9	117.0	r 117.7	-----
Equals: Disposable personal income.....do....	546.3	591.2	631.6	550.7	559.9	574.9	588.4	595.6	606.0	612.0	623.0	640.6	650.6	665.3	p 683.6	-----
Less: Personal outlays‡.....do....	506.0	550.8	593.9	509.4	516.6	534.1	543.8	559.1	566.4	577.7	589.7	598.7	609.6	620.5	p 632.1	-----
Equals: Personal savings§.....do....	40.4	40.4	37.6	41.3	43.3	40.8	44.6	36.5	39.6	34.3	33.3	42.0	41.1	44.8	r 51.5	-----
NEW PLANT AND EQUIPMENT EXPENDITURES																
Unadjusted quarterly or annual totals:†																
All industries.....bil. \$..	65.47	67.76	75.56	16.20	18.12	15.10	16.85	16.79	19.03	16.04	18.81	19.25	21.46	17.47	120.46	120.62
Manufacturing.....do....	28.51	28.37	31.68	6.88	7.77	6.15	6.99	7.13	8.10	6.58	7.82	8.16	9.12	7.14	8.27	8.26
Durable goods industries ¶.....do....	14.06	14.12	15.96	3.40	3.96	3.06	3.36	3.54	4.16	3.36	3.98	4.08	4.59	3.59	4.17	4.15
Nondurable goods industries ¶.....do....	14.45	14.25	15.72	3.48	3.81	3.09	3.63	3.59	3.94	3.22	3.84	4.12	4.53	3.56	4.09	4.11
Nonmanufacturing.....do....	36.96	39.40	43.88	9.32	10.35	8.95	9.86	9.66	10.93	9.45	10.99	11.10	12.34	10.32	12.19	12.36
Mining.....do....	1.65	1.63	1.86	.44	.47	.42	.43	.39	.40	.42	.48	.47	.49	.45	.46	.48
Railroad.....do....	1.86	1.45	1.86	.41	.50	.39	.37	.31	.38	.38	.44	.49	.55	.42	.50	.53
Air transportation.....do....	2.29	2.56	2.51	.56	.64	.68	.58	.64	.66	.68	.66	.53	.64	.73	.86	.78
Other transportation.....do....	1.48	1.59	1.68	.41	.38	.30	.42	.41	.47	.38	.46	.40	.44	.28	.38	.35
Public utilities.....do....	8.74	10.20	11.61	2.35	2.59	2.07	2.62	2.61	2.90	2.36	2.99	3.03	3.23	2.54	3.48	3.81
Electric.....do....	6.75	7.66	8.94	1.71	2.08	1.69	1.94	1.87	2.16	1.88	2.22	2.23	2.61	2.15	2.84	2.92
Gas and other.....do....	2.00	2.54	2.67	.64	.51	.38	.68	.74	.74	.48	.77	.80	.62	.39	.64	.88
Communication.....do....	6.34	6.83	8.30	1.57	1.73	1.59	1.62	1.61	2.00	1.81	2.00	2.11	2.39	2.14	-----	-----
Commercial and other.....do....	14.59	15.14	16.05	3.59	4.04	3.50	3.81	3.69	4.13	3.41	3.97	4.07	4.60	3.76	6.52	6.42
Seas. adj. qtrly. totals at annual rates:†																
All industries.....do....	65.47	67.76	75.56	16.20	18.12	15.10	16.85	16.79	19.03	16.04	18.81	19.25	21.46	17.47	120.46	120.62
Manufacturing.....do....	28.51	28.37	31.68	6.88	7.77	6.15	6.99	7.13	8.10	6.58	7.82	8.16	9.12	7.14	8.27	8.26
Durable goods industries ¶.....do....	14.06	14.12	15.96	3.40	3.96	3.06	3.36	3.54	4.16	3.36	3.98	4.08	4.59	3.59	4.17	4.15
Nondurable goods industries ¶.....do....	14.45	14.25	15.72	3.48	3.81	3.09	3.63	3.59	3.94	3.22	3.84	4.12	4.53	3.56	4.09	4.11
Nonmanufacturing.....do....	36.96	39.40	43.88	9.32	10.35	8.95	9.86	9.66	10.93	9.45	10.99	11.10	12.34	10.32	12.19	12.36
Mining.....do....	1.65	1.63	1.86	.44	.47	.42	.43	.39	.40	.42	.48	.47	.49	.45	.46	.48
Railroad.....do....	1.86	1.45	1.86	.41	.50	.39	.37	.31	.38	.38	.44	.49	.55	.42	.50	.53
Air transportation.....do....	2.29	2.56	2.51	.56	.64	.68	.58	.64	.66	.68	.66	.53	.64	.73	.86	.78
Other transportation.....do....	1.48	1.59	1.68	.41	.38	.30	.42	.41	.47	.38	.46	.40	.44	.28	.38	.35
Public utilities.....do....	8.74	10.20	11.61	2.35	2.59	2.07	2.62	2.61	2.90	2.36	2.99	3.03	3.23	2.54	3.48	3.81
Electric.....do....	6.75	7.66	8.94	1.71	2.08	1.69	1.94	1.87	2.16	1.88	2.22	2.23	2.61	2.15	2.84	2.92
Gas and other.....do....	2.00	2.54	2.67	.64	.51	.38	.68	.74	.74	.48	.77	.80	.62	.39	.64	.88
Communication.....do....	6.34	6.83	8.30	1.57	1.73	1.59	1.62	1.61	2.00	1.81	2.00	2.11	2.39	2.14	-----	-----
Commercial and other.....do....	14.59	15.14	16.05	3.59	4.04	3.50	3.81	3.69	4.13	3.41	3.97	4.07	4.60	3.76	6.52	6.42
U.S. BALANCE OF INTERNATIONAL PAYMENTS‡																
Quarterly Data Are Seasonally Adjusted (Credits +; debits -)																
Exports of goods and services (excl. transfers under military grants).....mil. \$..	46,204	50,626	55,516	11,565	11,694	11,932	12,685	13,295	12,714	11,948	14,291	14,565	14,712	15,276	-----	-----
Merchandise, adjusted, excl. military.....do....	30,681	33,588	36,473	7,669	7,601	7,946	8,386	8,878	8,378	7,472	9,585	9,581	9,835	10,241	p 10,706	-----
Transfers under military sales contracts.....do....	1,239	1,396	1,514	240	341	302	344	393	357	391	313	458	352	p 284	-----	-----
Income on U.S. investments abroad.....do....	6,872	7,690	8,839	1,786	1,888	1,765	1,990	2,000	1,935	2,089	2,150	2,286	2,314	p 2,439	-----	-----
Other services.....do....	7,412	7,952	8,690	1,870	1,864	1,919	1,965	2,024	2,044	1,996	2,243	2,240	2,211	p 2,303	-----	-----
Imports of goods and services.....do....	-40,991	-48,127	-53,566	-10,168	-10,703	-11,477	-11,832	-12,444	-12,374	-11,618	-13,978	-13,909	-14			

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

1967	1968	1969	1967		1968				1969				1970		
Annual total			III	IV	I	II	III	IV	I	II	III	IV	I	II	III

GENERAL BUSINESS INDICATORS—Quarterly Series—Continued

U.S. BALANCE OF INTERNATIONAL PAYMENTS §—Con.															
<i>Quarterly Data Are Seasonally Adjusted</i>															
Transactions in U.S. private assets, net; increase (—).....mil. \$	-5,637	-5,412	-5,374	-1,738	-1,838	-684	-1,429	-1,585	-1,714	-1,213	-2,151	-980	-1,030	p-1,557	-----
Transactions in U.S. Govt. assets, excl. official reserve assets; increase (—).....mil. \$	-2,419	-2,268	-2,184	-537	-691	-723	-642	-528	-375	-435	-641	-650	-458	p-460	-----
Transactions in U.S. official reserve assets, net; increase (—).....mil. \$	52	-880	-1,187	-375	-181	904	-137	-571	-1,076	-48	-299	-686	-154	p 264	-----
Transactions in foreign assets in the U.S., net (U.S. liabilities); increase (+).....mil. \$	6,853	9,409	12,556	2,137	2,389	1,008	2,562	2,253	3,586	3,174	4,513	3,276	1,593	p 1,693	-----
Liquid assets.....do.	3,492	709	8,408	1,346	1,917	-660	31	426	912	1,400	4,100	2,965	-57	p 1,284	-----
Other assets.....do.	3,361	8,700	4,148	791	472	1,668	2,531	1,827	2,674	1,774	413	311	1,650	p 409	-----
Balance on transactions in U.S. and foreign liquid and nonliquid assets, incl. reserves.....mil. \$	-1,154	849	3,811	-513	-321	505	354	-431	421	1,478	1,422	960	-49	p-60	-----
Allocations of special drawing rights (SDR).....do.														p 217	-----
Errors and omissions, net.....do.	-1,088	-514	-2,924	-63	-25	-329	-528	335	8	-1,196	-922	-927	121	p-337	-----
Balance on liquidity basis: ¶															-----
Including allocations of SDR.....do.	-3,544	171	-7,221	-971	-1,736	-244	106	145	164	-1,352	-3,801	-2,279	211	p-1,550	p 1,287
Excluding allocations of SDR.....do.	-3,544	171	-7,221	-971	-1,736	-244	106	145	164	-1,352	-3,801	-2,279	211	p-1,767	p 1,504
Balance on official reserve transactions basis: ⊕															-----
Including allocations of SDR.....do.	-3,418	1,641	2,708	1	-976	-61	1,652	408	-358	1,453	1,315	-582	522	p-2,870	p 1,761
Excluding allocations of SDR.....do.	-3,418	1,641	2,708	1	-976	-61	1,652	408	-358	1,453	1,315	-582	522	p-3,087	p 1,978

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

1968	1969	1969								1970						
Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July *

GENERAL BUSINESS INDICATORS—Monthly Series

PERSONAL INCOME, BY SOURCE †																
Seasonally adjusted, at annual rates: †																
Total personal income.....bil. \$	688.7	748.9	746.2	752.7	758.5	763.1	766.7	770.6	774.3	777.8	781.5	787.6	806.0	r 799.7	r 798.2	801.8
Wage and salary disbursements, total.....do.	464.8	509.0	506.9	512.3	516.9	520.0	522.7	525.2	528.0	529.5	531.1	535.0	539.9	r 540.5	r 538.1	540.0
Commodity-producing industries, total.....do.	181.5	197.5	197.5	198.7	200.0	200.9	201.8	201.9	203.8	202.3	202.0	203.9	202.3	r 200.9	r 201.3	201.4
Manufacturing.....do.	145.9	157.5	157.6	158.7	159.9	160.4	160.9	160.0	161.6	160.8	160.0	161.3	160.0	r 159.2	r 159.5	159.5
Distributive industries.....do.	109.2	119.8	119.7	120.1	121.6	122.2	123.1	124.1	124.1	125.4	125.7	126.7	126.0	r 127.2	r 127.9	128.7
Service industries.....do.	78.4	87.7	87.4	88.1	88.6	89.6	90.0	91.0	91.6	93.1	94.1	94.6	95.1	r 95.5	r 95.7	96.4
Government.....do.	95.7	104.1	102.4	105.4	106.7	107.3	107.7	108.1	108.5	108.9	109.3	109.8	116.5	r 116.9	r 113.2	113.5
Other labor income.....do.	24.9	27.6	27.5	27.7	27.9	28.2	28.3	28.5	28.6	29.0	29.3	29.6	29.8	r 30.0	r 30.3	30.6
Proprietors' income:																
Business and professional.....do.	49.1	50.5	50.7	50.8	50.9	51.0	50.8	50.5	50.4	50.4	50.6	50.7	51.0	r 51.3	r 51.5	51.6
Farm.....do.	15.0	16.4	16.2	16.4	16.6	16.7	16.7	16.6	16.6	16.8	17.0	17.2	16.9	r 16.5	r 16.2	16.2
Rental income of persons.....do.	21.3	22.0	22.0	22.0	22.1	22.1	22.2	22.3	22.4	22.5	22.5	22.6	22.6	r 22.7	r 22.7	22.7
Dividends.....do.	23.3	24.7	24.6	24.8	24.9	25.2	25.2	25.3	25.0	25.1	25.2	25.2	25.2	r 25.3	r 24.7	25.2
Personal interest income.....do.	54.0	59.7	59.5	59.7	60.1	60.5	61.2	62.0	62.6	63.0	63.4	63.7	64.2	r 64.5	r 64.8	65.2
Transfer payments.....do.	59.0	65.1	64.8	65.2	65.5	65.9	66.3	66.9	67.7	68.8	69.7	71.1	84.1	r 76.6	r 77.6	78.1
Less personal contributions for social insurance.....bil. \$	22.8	26.0	26.0	26.2	26.4	26.5	26.7	26.7	26.9	27.3	27.3	27.5	27.7	r 27.7	r 27.6	27.7
Total nonagricultural income.....do.	668.2	726.7	724.3	730.5	736.1	740.6	744.1	747.9	751.6	755.0	758.4	764.3	783.0	r 777.0	r 775.7	779.3
FARM INCOME AND MARKETINGS ‡																
Cash receipts from farming, including Government payments, total.....mil. \$	47,680	51,023	3,395	4,095	5,011	5,771	5,826	5,106	4,577	4,215	3,340	3,513	3,443	3,286	3,477	-----
Farm marketings and CCC loans, total.....do.	44,218	47,229	3,384	3,737	3,821	4,527	5,479	5,085	4,544	4,159	3,316	3,501	3,381	3,269	3,460	p 3,837
Crops.....do.	18,734	18,790	1,056	1,434	1,468	1,957	2,614	2,651	2,129	1,643	1,001	919	861	869	1,139	p 1,551
Livestock and products, total.....do.	25,484	28,439	2,328	2,303	2,353	2,570	2,865	2,434	2,415	2,516	2,315	2,582	2,520	2,400	2,321	p 2,286
Dairy products.....do.	5,955	6,172	526	513	501	497	515	495	525	537	604	547	558	585	543	p 530
Meat animals.....do.	15,363	17,521	1,446	1,380	1,449	1,650	1,897	1,498	1,422	1,526	1,429	1,635	1,598	1,455	1,437	p 1,365
Poultry and eggs.....do.	3,828	4,423	327	389	382	402	433	423	441	422	351	372	327	323	315	p 370
Indexes of cash receipts from marketings and CCC loans, unadjusted: ‡																
All commodities.....1957-59=100.....do.	137	146	125	139	142	168	203	188	168	154	123	130	125	121	128	p 142
Crops.....do.	135	136	91	124	127	169	226	230	184	142	87	80	75	75	99	p 134
Livestock and products.....do.	138	154	151	149	152	166	186	158	156	163	150	167	163	156	150	p 148
Indexes of volume of farm marketings, unadjusted: ‡																
All commodities.....1957-59=100.....do.	126	126	103	121	122	143	179	168	148	133	98	100	98	97	108	p 122
Crops.....do.	129	129	81	125	122	157	220	227	187	148	80	68	59	59	88	p 126
Livestock and products.....do.	124	124	120	118	121	133	149	124	119	122	111	125	127	126	123	p 119
INDUSTRIAL PRODUCTION §																
<i>Federal Reserve Index of Quantity Output</i>																
Unadj., total index (incl. utilities) §...1957-59=100.....do.	165.5	p 172.8	176.7	167.7	174.6	179.2	177.8	173.6	169.6	168.2	171.5	172.1	170.6	r 169.4	r 171.6	163.1
By industry groupings:																
Manufacturing, total.....do.	166.9	p 173.9	178.5	167.3	174.3	180.0	179.5	175.0	169.6	167.5	171.3	172.2	r 171.0	r 169.3	r 171.3	160.6
Durable manufactures.....do.	169.8	p 176.5	182.2	169.7	173.6	181.5	181.5	175.4	172.6	169.1	170.7	173.5	r 170.5	r 169.4	r 171.6	159.3
Nondurable manufactures.....do.	163.3	p 170.6	173.9	164.3	175.0	178.1	176.9	174.5	165.9	165.6	172.0	170.6	r 171.7	r 169.2	r 171.0	162.3
Mining.....do.	126.6	p 130.2	134.6	127.9	132.3	132.9	132.7	132.9	133.1	130.1	134.1	134.0	135.0	r 137.8	r 136.9	130.5
Utilities.....do.	202.5	p 221.2														
By market groupings:																
Final products, total.....do.	165.1	p 170.8	174.0	166.4	173.4	179.2	176.5	170.0	166.2	167.1	170.5	169.9	r 166.9	r 166.0	r 168.5	161.9
Consumer goods.....do.	156.9	p 162.5	165.5	156.5	166.3	172.6	169.4	162.6	156.6	159.0	163.0	161.8	r 160.6	r 160.6	r 163.5	156.9
Automotive and home goods.....do.	175.0	p 179.5	191.1	155.7	160.4	186.9	192.1	175.9	167.4	165.1	171.5	176.3	r 175.5	r 176.0	r 180.3	150
Apparel and staples.....do.	151.2	p 157.1	157.3	156.8	168.2	168.0	162.2	158.4	153.1	157.1	160.3	157.2	r 155.9	r 155.6	-----	-----
Equipment, including defense.....do.	182.6	p 188.6	192.4	187.7	188.5	193.4	191.8	186.0	187.0	184.3	186.5	187.3	r 180.3	r 177.7	r 179.4	172.5
Materials.....do.	165.8	p 174.6	179.2	168.8	175.6	179.2	178.9	176.9	172.6	169.5	172.5	174.0	r 174.3	r 172.5	r 173.6	164.3
Durable goods materials.....do.	157.8	p 165.5	171.6	160.5	166.2	170.2	169.7	166.3	161.8	156.8	158.4	161.3	r 160.4	r 159.4	r 162.3	152
Nondurable materials.....do.	174.1	p 183.9	187.0	177.3	185.3	188.5	188.4	187.8	183.7	182.5	186.9	187.1	r 188.5	r 186.0	r 185.2	177

* Revised. † Preliminary. § See note "§" on p. S-2. ¶ Increase in U.S. official reserve assets and decrease in liquid liabilities to all foreigners. ⊕ Increase in U.S. official reserve assets and decrease in liquid and certain nonliquid liabilities to foreign official agencies. ‡ See corresponding note on p. S-1. § Series revised beginning 1967; monthly data

prior to May 1969 are shown in the Farm Income Situation, July 1970, available from the U.S. Dept. of Agriculture, Economic Research Service. ¶ Revisions for Jan.-Oct. 1968 will be shown later. ‡ Includes data for items not shown separately.

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	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
GENERAL BUSINESS INDICATORS—Continued																	
INDUSTRIAL PRODUCTION [♂] —Continued																	
Federal Reserve Index of Quantity Output—Con.																	
Seas. adj., total index (incl. utilities) ♂, 1957-59=100	165.5	172.8	173.7	174.6	174.3	173.9	173.1	171.4	171.1	170.4	170.5	171.1	170.2	169.1	168.8	169.2	
By industry groupings:																	
Manufacturing, total.....do.....	166.9	173.9	174.8	175.6	175.4	175.2	173.9	171.8	171.3	170.2	170.3	170.8	170.0	168.4	167.9	168.3	
Durable manufactures ♀.....do.....	169.8	176.5	178.3	178.7	178.8	178.7	177.3	172.1	171.1	169.7	169.6	171.0	168.4	167.5	167.6	167.5	
Primary metals.....do.....	137.0	149.1	153.1	152.4	151.3	149.3	150.4	150.3	147.7	143.1	139.2	141.9	138.9	142.6	143.7	145	
Iron and steel.....do.....	130.7	140.3	145.6	145.3	141.1	141.4	141.5	142.7	138.8	135.2	129.8	134.4	133.0	136.7	139.7	142	
Nonferrous metals and products.....do.....	160.0	181.1	190.8	181.8	177.9	178.6	178.7	183.1	181.1	174.8	177.3	183.6	175.4	174.5	170.6		
Fabricated metal products.....do.....	167.9	179.8	180.6	179.1	180.6	179.1	179.4	179.2	178.4	180.0	178.9	178.3	175.2	171.4	171.8	173	
Structural metal parts.....do.....	162.2	173.3	173.8	170.8	171.5	171.5	172.5	174.5	177.1	175.4	174.6	174.4	170.2	164.2	163.8	166	
Machinery.....do.....	184.3	195.7	197.2	198.1	199.4	201.2	199.0	187.4	188.7	189.7	195.8	199.1	194.9	190.9	190.5	191	
Nonelectrical machinery.....do.....	181.0	194.6	195.3	196.0	195.5	199.8	200.3	194.9	196.5	195.9	195.8	196.6	191.7	187.1	185.1	185	
Electrical machinery.....do.....	188.5	197.2	199.6	200.8	204.5	202.9	197.3	177.5	178.3	181.5	195.9	202.5	199.1	195.8	197.6	198	
Transportation equipment ♀.....do.....	179.5	174.6	176.6	181.1	179.1	178.8	175.7	168.3	163.9	159.6	154.3	156.0	153.1	157.3	160.1	160	
Motor vehicles and parts.....do.....	171.4	166.9	169.1	174.2	174.1	170.5	167.9	159.9	152.0	146.8	142.1	148.9	148.0	158.5	164.3	165	
Aircraft and other equipment.....do.....	185.0	177.8	179.5	183.4	180.3	182.6	179.6	171.9	170.7	166.7	161.4	159.1	154.1	153.0	153.9	154	
Instruments and related products.....do.....	184.2	194.4	195.7	194.7	194.9	195.4	193.9	196.0	197.4	194.8	194.0	193.6	195.4	191.3	187.9	184	
Clay, glass, and stone products.....do.....	146.2	156.0	155.2	152.7	155.3	157.7	156.3	155.9	157.4	154.5	155.0	151.7	154.6	152.4	149.8	150	
Lumber and products.....do.....	122.3	119.1	115.5	113.4	114.1	111.1	113.8	114.1	109.7	118.0	117.5	113.1	115.5	116.1			
Furniture and fixtures.....do.....	178.3	186.9	189.9	185.0	186.5	185.3	184.0	183.7	183.3	183.4	179.4	180.4	179.5	174.4	172.9	171	
Miscellaneous manufactures.....do.....	161.4	166.4	168.1	167.4	165.8	165.3	165.3	166.4	167.2	168.2	168.4	167.8	167.4	163.6	161.9	162	
Nondurable manufactures.....do.....	163.3	170.6	170.5	171.8	171.3	170.9	169.5	171.5	171.5	171.0	171.3	170.6	171.9	169.4	168.4	169.2	
Textile mill products.....do.....	151.5	154.2	157.8	157.0	153.0	151.6	152.1	151.9	150.3	152.9	151.3	150.3	151.3	148.1	146.5		
Apparel products.....do.....	149.9	149.2	149.2	150.7	148.8	146.1	146.5	148.0	147.9	145.8	141.7	140.1	140.8	140.5			
Leather and products.....do.....	111.0	101.9	104.7	98.4	100.0	97.7	101.1	102.7	98.0	96.9	96.9	95.9	100.2	104.8			
Paper and products.....do.....	163.8	175.6	175.3	176.4	177.5	177.5	177.1	175.9	178.0	173.8	174.8	174.9	176.3	174.1	169.5		
Printing and publishing.....do.....	149.6	156.3	156.5	158.3	158.2	157.3	156.9	159.1	158.6	157.9	157.3	156.9	156.9	157.2	154.8	155	
Newspapers.....do.....	136.1	142.7	141.3	145.6	144.4	143.3	143.0	145.1	142.0	141.7	142.1	137.9	139.3	144.5	137.5		
Chemicals and products.....do.....	221.7	239.0	239.7	243.1	238.1	240.2	238.3	240.8	241.7	240.2	242.6	242.3	244.4	241.2	240.0		
Industrial chemicals.....do.....	262.0	283.0	286.1	288.6	281.5	286.2	281.2	283.9	283.8	281.9	284.3	284.8	289.2	280.9			
Petroleum products.....do.....	139.6	143.8	145.4	143.5	144.5	146.2	146.7	150.9	149.5	143.3	143.0	146.6	147.9	145.8	144.4		
Rubber and plastics products.....do.....	222.0	238.7	237.3	238.3	239.9	240.0	238.6	240.2	234.8	231.4	234.0	235.3	239.4	218.4			
Foods and beverages.....do.....	136.4	140.7	138.3	139.9	143.1	142.2	138.0	141.0	142.1	144.7	145.2	143.3	143.7	142.9	142.1		
Food manufactures.....do.....	132.7	136.7	136.1	135.8	137.8	137.0	132.6	137.5	137.4	140.2	140.4	140.0	140.1	140.7	140.0		
Beverages.....do.....	156.5	161.9	149.8	161.7	171.3	169.9	166.7	159.7	167.2	168.9	170.7	161.0	162.8	154.6			
Tobacco products.....do.....	120.9	117.3	121.9	120.3	114.8	118.6	113.8	116.2	115.1	117.8	122.8	116.8	125.1	117.8			
Mining.....do.....	126.6	130.2	134.4	133.2	131.2	131.6	130.2	132.6	134.4	131.7	134.2	135.1	133.9	134.7	134.9	135.0	
Coal.....do.....	118.2	117.7	124.8	130.0	122.1	114.7	115.7	118.9	119.3	113.1	122.3	121.5	123.0	134.2	124.8	125	
Crude oil and natural gas.....do.....	126.8	129.3	134.8	132.1	130.2	133.1	130.7	131.2	132.6	131.4	131.8	132.4	131.3	131.9	134.1	134	
Crude oil.....do.....	130.5	132.0	139.2	135.5	132.4	135.6	132.8	133.5	135.0	133.7	133.0	133.5	135.2	135.8	137.6	137	
Metal mining.....do.....	126.4	142.0	137.4	138.1	142.3	133.1	141.1	153.3	152.3	155.7	158.4	165.8	162.6	150.5	149.9		
Stone and earth minerals.....do.....	137.8	144.7	142.6	142.2	142.8	144.3	139.6	146.8	154.8	142.6	149.8	150.1	146.1	142.8	143.5		
Utilities.....do.....	202.5	221.2	225.6	222.2	222.6	222.5	226.0	226.0	227.9	230.1	232.7	230.3	233.8	234.9	235.2	237.5	
Electric.....do.....	211.5	233.0	234.2	234.4	234.1	238.5	238.3	240.5	243.1	246.1	242.8	242.8	247.1	248.4			
Gas.....do.....	174.1	174.1	183.5	184.7	185.4	186.2	186.9	187.6	188.4								
By market groupings:																	
Final products, total ♂.....do.....	165.1	170.8	170.7	172.8	172.7	172.2	170.9	168.4	168.5	168.5	169.9	169.7	168.5	167.8	167.1	167.2	
Consumer goods.....do.....	156.9	162.5	161.5	164.4	164.2	162.8	161.2	160.5	160.7	161.5	162.4	162.0	163.2	163.3	162.6	163.3	
Automotive and home goods.....do.....	175.0	179.5	183.0	184.5	182.4	179.3	176.8	167.2	164.4	163.7	166.6	171.4	171.1	173.1	173.8	176	
Automotive products.....do.....	174.3	173.2	178.7	184.6	179.5	176.6	172.8	168.0	160.9	155.3	154.8	160.0	158.4	165.4	169.4	170	
Autos.....do.....	174.8	162.8	168.3	178.7	178.4	169.9	164.0	153.8	141.6	132.9	127.6	138.4	136.1	156.0	163.0	164	
Auto parts and allied products.....do.....	173.8	186.8	192.3	192.4	181.0	185.4	184.4	186.7	186.2	184.9	190.7	188.5	187.8	177.8	177.8		
Home goods ♀.....do.....	175.4	184.0	186.1	184.4	184.5	181.2	179.5	166.7	166.8	169.6	174.8	179.4	180.0	178.5	176.8		
Appliances, TV, and radios.....do.....	168.4	180.2	180.2	181.8	181.9	176.5	175.2	142.2	140.1	149.0	168.6	178.1	178.9	182.7	178.6		
Furniture and rugs.....do.....	173.7	180.3	184.0	180.0	179.7	177.9	175.7	176.0	175.0	173.8	169.2	170.3	170.6	165.5	164.0		
Apparel and staples.....do.....	151.2	157.1	154.7	158.1	158.4	157.6	156.2	158.3	159.5	160.8	161.0	159.0	160.7	160.2			
Apparel, incl. knit goods and shoes.....do.....	139.5	138.5	137.4	140.9	138.0	135.9	136.4	137.5	137.7	137.6	135.7	133.4	133.8	133.2			
Consumer staples.....do.....	154.5	162.4	159.6	162.9	164.1	163.7	161.8	164.2	165.7	167.3	168.2	166.2	168.4	167.9	167.1	168	
Processed foods.....do.....	132.6	136.6	136.1	135.3	138.8	137.9	132.3	136.5	137.0	138.7	139.5	139.6	140.2				

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	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
GENERAL BUSINESS INDICATORS—Continued																	
BUSINESS SALES \$																	
Mfg. and trade sales (unadj.), total.....mil. \$..	1,162,985	1,243,676	107,145	99,535	102,861	07,212	111,053	105,392	110,580	97,419	100,191	106,416	105,587	107,881	111,690		
Mfg. and trade sales (seas. adj.), total.....do....	1,162,985	1,243,676	104,127	104,201	104,644	.05,903	106,907	105,666	104,758	104,961	106,139	105,218	104,779	106,731	107,461		
Manufacturing, total.....do.....	1,603,718	1,655,335	54,786	55,392	55,239	56,434	56,999	55,988	55,277	55,099	55,588	54,954	54,231	55,545	56,207		
Durable goods industries.....do.....	330,951	363,601	30,136	30,605	30,868	31,742	31,889	30,944	30,201	30,042	30,402	29,711	29,496	30,368	30,524		
Nondurable goods industries.....do.....	272,767	291,734	24,650	24,787	24,371	24,692	25,110	25,044	25,076	25,057	25,186	25,243	24,735	25,177	25,683		
Retail trade, total.....do.....	1,339,324	1,351,633	29,371	29,090	29,346	29,259	29,620	29,471	29,419	29,570	29,980	29,801	30,536	30,502	30,432		
Durable goods stores.....do.....	110,245	112,779	9,545	9,141	9,161	9,384	9,354	9,229	9,275	8,886	9,143	9,134	9,340	9,320	9,334		
Nondurable goods stores.....do.....	229,079	238,854	19,826	19,949	20,185	19,875	20,266	20,242	20,144	20,684	20,837	20,667	21,196	21,182	21,098		
Merchant wholesalers, total.....do.....	1,219,943	1,236,708	19,970	19,719	20,059	20,210	20,288	20,207	20,062	20,292	20,571	20,463	20,012	20,684	20,822		
Durable goods establishments.....do.....	100,012	109,578	9,263	9,114	9,178	9,304	9,359	9,352	9,102	9,201	9,344	9,300	9,034	9,394	9,504		
Nondurable goods establishments.....do.....	119,930	127,130	10,707	10,605	10,881	10,906	10,929	10,855	10,960	11,091	11,227	11,163	10,978	11,290	11,318		
BUSINESS INVENTORIES \$																	
Mfg. and trade inventories, book value, end of year or month (unadj.), total.....mil. \$..	152,072	164,087	159,762	159,719	159,772	161,368	164,196	166,012	164,087	164,437	166,798	168,398	170,152	169,575	169,125		
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total.....mil. \$..	153,764	166,106	159,264	160,631	161,659	162,733	164,250	164,974	166,106	165,816	166,793	167,283	168,210	168,201	168,552		
Manufacturing, total.....do.....	88,579	95,905	92,215	93,166	93,728	94,211	94,916	95,416	95,905	96,062	96,603	96,916	97,775	97,923	97,773		
Durable goods industries.....do.....	57,422	63,550	60,479	61,441	61,724	62,036	62,631	63,076	63,550	63,835	63,969	64,266	64,690	64,617	64,425		
Nondurable goods industries.....do.....	31,157	32,355	31,736	31,725	32,004	32,175	32,285	32,340	32,355	32,227	32,634	32,650	33,085	33,306	33,348		
Retail trade, total.....do.....	42,657	45,838	43,438	43,874	44,322	44,806	45,378	45,537	45,838	45,270	45,337	45,525	45,493	45,288	45,743		
Durable goods stores.....do.....	19,461	20,597	19,365	19,358	19,756	20,079	20,564	20,602	20,597	20,103	19,936	20,022	19,960	19,880	20,094		
Nondurable goods stores.....do.....	23,196	25,241	24,073	24,516	24,566	24,727	24,814	24,935	25,241	25,167	25,401	25,503	25,533	25,408	25,649		
Merchant wholesalers, total.....do.....	22,528	24,363	23,611	23,591	23,609	23,716	23,956	24,021	24,363	24,484	24,853	24,842	24,942	24,990	25,036		
Durable goods establishments.....do.....	13,454	14,579	14,004	14,089	14,220	14,182	14,365	14,389	14,579	14,636	14,788	14,781	14,773	14,763	14,699		
Nondurable goods establishments.....do.....	9,074	9,784	9,607	9,502	9,389	9,534	9,591	9,632	9,784	9,848	10,065	10,061	10,169	10,227	10,337		
BUSINESS INVENTORY-SALES RATIOS																	
Manufacturing and trade, total.....ratio.....	1.53	1.54	1.53	1.54	1.54	1.54	1.54	1.56	1.59	1.58	1.57	1.59	1.61	1.58	1.57		
Manufacturing, total.....do.....	1.70	1.69	1.68	1.68	1.70	1.67	1.67	1.70	1.73	1.74	1.74	1.76	1.80	1.76	1.74		
Durable goods industries.....do.....	2.01	2.00	2.01	2.01	2.00	1.95	1.96	2.04	2.10	2.12	2.10	2.16	2.19	2.13	2.12		
Materials and supplies.....do.....	.59	.56	.57	.56	.55	.54	.54	.56	.58	.59	.58	.60	.59	.58	.57		
Work in process.....do.....	.92	.93	.93	.94	.94	.92	.92	.96	.99	1.00	.99	1.01	1.03	1.00	.99		
Finished goods.....do.....	.60	.51	.51	.51	.51	.50	.50	.52	.54	.54	.54	.55	.57	.55	.55		
Nondurable goods industries.....do.....	1.33	1.31	1.29	1.28	1.31	1.30	1.29	1.29	1.29	1.29	1.30	1.29	1.34	1.32	1.30		
Materials and supplies.....do.....	.50	.48	.47	.47	.48	.48	.48	.48	.47	.46	.47	.47	.48	.47	.46		
Work in process.....do.....	.20	.21	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.19		
Finished goods.....do.....	.62	.62	.61	.61	.62	.62	.60	.61	.62	.62	.63	.63	.65	.65	.64		
Retail trade, total.....do.....	1.44	1.50	1.48	1.51	1.51	1.53	1.53	1.55	1.56	1.53	1.51	1.53	1.49	1.48	1.50		
Durable goods stores.....do.....	2.00	2.10	2.03	2.12	2.16	2.14	2.20	2.23	2.22	2.26	2.18	2.19	2.14	2.13	2.15		
Nondurable goods stores.....do.....	1.18	1.21	1.21	1.23	1.22	1.24	1.22	1.23	1.25	1.22	1.22	1.23	1.20	1.20	1.22		
Merchant wholesalers, total.....do.....	1.20	1.19	1.18	1.20	1.18	1.17	1.18	1.19	1.21	1.21	1.21	1.21	1.25	1.21	1.20		
Durable goods establishments.....do.....	1.54	1.53	1.51	1.55	1.55	1.52	1.53	1.54	1.60	1.59	1.58	1.59	1.64	1.57	1.55		
Nondurable goods establishments.....do.....	.91	.89	.90	.90	.86	.87	.88	.89	.89	.89	.90	.90	.93	.91	.91		
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																	
Manufacturers' export sales:																	
Durable goods industries:																	
Unadjusted, total.....mil. \$..	14,944	17,189	1,435	1,378	1,295	1,465	1,653	1,485	1,741	1,457	1,632	1,847	1,739	1,779	1,825		
Seasonally adj., total.....do....			1,392	1,530	1,424	1,486	1,637	1,470	1,574	1,551	1,687	1,727	1,717	1,722	1,770		
Shipments (not seas. adj.), total.....do....	603,718	655,335	57,484	50,501	53,401	57,991	58,473	55,833	53,914	51,555	56,249	57,109	55,600	56,308	58,921		
Durable goods industries, total ?.....do.....	330,951	363,601	32,317	27,225	28,745	32,188	32,451	30,891	30,067	27,886	30,780	31,184	30,453	31,250	32,697		
Stone, clay, and glass products.....do.....	15,754	17,219	1,532	1,407	1,531	1,592	1,604	1,450	1,335	1,250	1,356	1,464	1,471	1,529	1,651		
Primary metals.....do.....	50,457	57,135	4,991	4,360	4,584	4,946	5,024	4,849	4,651	4,931	4,957	4,994	4,724	5,071	5,244		
Blast furnaces, steel mills.....do.....	24,901	26,493	2,312	2,101	2,148	2,262	2,316	2,198	2,121	2,365	2,213	2,229	1,960	2,292	2,411		
Fabricated metal products.....do.....	34,180	37,024	3,318	2,876	3,135	3,249	3,371	3,133	3,142	2,969	3,222	3,246	3,096	3,239	3,510		
Machinery, except electrical.....do.....	58,047	64,551	5,918	4,856	5,095	5,700	5,469	5,237	5,319	5,017	5,805	5,844	5,593	5,695	5,830		
Electrical machinery.....do.....	42,353	45,376	4,076	3,536	3,739	4,098	4,064	3,847	3,699	3,319	3,762	3,806	3,701	3,782	4,102		
Transportation equipment.....do.....	84,163	91,450	7,954	6,224	6,302	8,101	8,530	8,236	8,050	6,668	7,627	7,630	7,834	7,943	8,101		
Motor vehicles and parts.....do.....	47,638	50,144	4,615	3,093	2,955	4,625	4,973	4,439	3,855	3,666	3,924	3,898	4,033	4,300	4,593		
Instruments and related products.....do.....	11,370	13,563	1,217	1,023	1,166	1,287	1,176	1,204	1,213	1,035	1,159	1,223	1,112	1,119	1,251		
Nondurable goods industries, total ?.....do.....	272,767	291,734	25,167	23,276	24,656	25,803	26,022	24,942	23,847	23,669	25,469	25,925	25,147	25,058	26,224		
Food and kindred products.....do.....	90,157	96,717	8,278	7,809	8,159	8,708	8,677	8,383	8,414	8,088	8,506	8,717	8,396	8,428	9,043		
Tobacco products.....do.....	4,922	5,121	462	437	453	454	414	438	431	414	407	430	439	456	450		
Textile mill products.....do.....	21,458	21,262	1,854	1,507	1,852	1,884	1,990	1,847	1,647	1,626	1,761	1,862	1,729	1,709	1,814		
Paper and allied products.....do.....	24,208	26,951	2,343	2,157	2,264	2,338	2,350	2,278	2,187	2,239	2,386	2,430	2,347	2,328	2,441		
Chemicals and allied products.....do.....	46,465	48,698	4,274	3,825	4,040	4,268	4,230	4,036	3,670	3,797	4,243	4,392	4,310	4,376	4,316		
Petroleum and coal products.....do.....	22,267	24,555	2,155	2,046	2,088	2,155	2,082	2,142	2,128	2,167							

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS			1968	1969	1969								1970						
			Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
GENERAL BUSINESS INDICATORS—Continued																			
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued																			
Shipments (seas. adj.)—Continued																			
By industry group:																			
Nondurable goods industries, total ¹ mil. \$			24,650	24,787	24,371	24,692	25,110	25,044	25,076	25,057	25,186	25,243	24,735	*25,177	25,683				
Food and kindred products.....do			8,085	8,114	8,156	8,259	8,416	8,390	8,624	8,452	8,468	8,659	8,495	8,476	8,533				
Tobacco products.....do			422	425	432	442	423	436	438	456	424	437	447	*457	411				
Textile mill products.....do			1,771	1,789	1,785	1,761	1,841	1,774	1,745	1,779	1,741	1,812	1,729	*1,742	1,737				
Paper and allied products.....do			2,259	2,333	2,234	2,263	2,285	2,292	2,283	2,351	2,364	2,349	2,315	*2,338	2,352				
Chemicals and allied products.....do			4,095	4,118	4,100	4,120	4,178	4,255	4,110	3,986	4,225	4,157	3,944	*4,173	4,140				
Petroleum and coal products.....do			2,103	2,030	2,071	2,138	2,065	2,155	2,140	2,206	2,162	2,129	2,137	*2,151	2,141				
Rubber and plastics products.....do			1,403	1,395	1,352	1,424	1,542	1,449	1,365	1,474	1,549	1,547	1,433	*1,486	1,524				
By market category:																			
Home goods and apparel.....do	155,126	156,585	5,066	5,017	4,646	4,646	4,667	4,354	4,505	4,484	4,368	4,365	4,354	*4,593	4,874				
Consumer staples.....do	115,551	124,395	10,322	10,508	10,477	10,562	10,876	10,827	11,035	10,854	10,904	10,996	10,819	*10,802	11,183				
Equipment and defense prod., excl. auto.....do	196,115	108,355	8,864	8,960	9,177	9,303	9,447	9,459	9,146	9,073	9,505	9,203	9,505	*9,423	8,947				
Automotive equipment.....do	154,048	157,175	4,650	5,102	5,298	5,422	5,243	4,647	4,332	4,185	4,370	4,175	4,391	*4,542	4,733				
Construction materials and supplies.....do	148,587	154,130	4,452	4,404	4,399	4,520	4,614	4,595	4,537	4,537	4,539	4,471	4,336	*4,441	4,499				
Other materials and supplies.....do	234,291	254,695	21,432	21,401	21,242	21,981	22,152	22,106	21,722	21,966	21,902	21,744	*21,038	*21,744	21,971				
Supplementary series:																			
Household durables.....do	124,031	125,601	2,250	2,280	2,141	2,145	2,150	1,951	1,984	1,937	1,970	1,966	1,985	*2,058	*2,183				
Defense products (old series).....do	146,201	150,114	4,029	4,182	4,143	4,068	4,409	4,549	4,518	3,970	4,308	4,302	4,539	*4,254	4,026				
Defense products (new series).....do	23,917	24,511	1,989	2,077	2,141	2,062	2,110	2,244	2,284	1,798	1,915	1,947	2,016	*1,999	*2,089				
Producers' capital goods industries.....do	168,757	175,694	6,316	6,198	6,457	6,806	6,432	6,432	6,179	6,380	6,604	6,387	*6,223	*6,653	*6,399				
Inventories, end of year or month:																			
Book value (unadjusted), total.....do	88,239	95,475	92,509	92,682	93,262	93,413	94,118	94,755	95,475	96,271	97,181	97,504	98,588	*98,625	98,113				
Durable goods industries, total.....do	57,034	63,106	60,563	61,113	61,541	61,643	62,570	63,106	63,702	64,244	64,599	64,599	65,293	*65,222	64,831				
Nondurable goods industries, total.....do	31,205	32,369	31,946	31,569	31,721	31,772	31,945	32,185	32,369	32,569	32,937	32,905	33,303	*33,403	33,282				
Book value (seasonally adjusted), total.....do	88,579	95,905	92,215	93,166	93,728	94,211	94,916	95,416	95,905	96,062	96,603	96,916	97,775	*97,923	97,773				
By industry group:																			
Durable goods industries, total ¹.....do	57,422	63,550	60,479	61,441	61,724	62,036	62,631	63,076	63,550	63,835	63,969	64,266	64,690	*64,617	64,425				
Stone, clay, and glass products.....do	2,219	2,483	2,431	2,463	2,453	2,458	2,449	2,471	2,483	2,506	2,542	2,541	2,577	*2,575	2,539				
Primary metals.....do	7,552	8,052	7,798	7,800	7,907	7,937	7,925	8,009	8,052	8,104	8,126	8,284	8,588	*8,649	8,624				
Blast furnaces, steel mills.....do	4,039	4,312	4,194	4,185	4,234	4,255	4,234	4,272	4,312	4,260	4,267	4,389	4,614	*4,641	4,603				
Fabricated metal products.....do	6,287	6,613	6,358	6,407	6,371	6,434	6,478	6,550	6,613	6,660	6,676	6,692	6,677	*6,633	6,684				
Machinery, except electrical.....do	11,310	13,180	12,294	12,542	12,606	12,697	12,900	13,080	13,180	13,241	13,344	13,429	13,561	*13,672	13,767				
Electrical machinery.....do	8,560	9,346	8,913	9,044	9,086	9,203	9,307	9,327	9,346	9,407	9,482	9,536	9,568	*9,498	9,476				
Transportation equipment.....do	13,939	15,561	14,714	15,154	15,177	15,129	15,358	15,388	15,561	15,636	15,532	15,538	15,453	*15,359	15,183				
Motor vehicles and parts.....do	4,257	4,156	4,175	4,306	4,237	4,344	4,024	4,063	4,156	4,231	4,164	4,164	4,140	*4,007	3,940				
Instruments and related products.....do	2,183	2,476	2,387	2,407	2,412	2,416	2,427	2,434	2,476	2,484	2,520	2,602	2,649	*2,677	2,657				
By stage of fabrication:																			
Materials and supplies ².....do	16,637	17,572	17,045	17,159	17,011	17,023	17,104	17,194	17,572	17,598	17,615	17,692	17,558	*17,480	17,477				
Primary metals.....do	2,787	2,824	2,806	2,780	2,800	2,831	2,802	2,771	2,824	2,888	2,916	3,003	3,029	*3,055	3,073				
Machinery (elec. and nonelec.).....do	4,821	5,556	5,143	5,140	5,169	5,237	5,389	5,456	5,556	5,484	5,530	5,536	5,557	*5,570	5,620				
Transportation equipment.....do	3,402	3,293	3,291	3,444	3,206	3,090	3,038	3,078	3,293	3,244	3,182	3,166	3,131	*3,078	3,026				
Work in process ³.....do	26,357	29,796	28,072	28,714	28,977	29,224	29,494	29,660	29,796	29,987	30,005	30,126	30,357	*30,418	30,271				
Primary metals.....do	2,547	2,780	2,674	2,687	2,720	2,722	2,712	2,779	2,780	2,813	2,737	2,774	2,908	*2,943	2,919				
Machinery (elec. and nonelec.).....do	9,472	10,702	10,134	10,355	10,405	10,495	10,542	10,650	10,702	10,805	10,849	10,909	10,974	*10,979	11,034				
Transportation equipment.....do	9,162	10,683	9,927	10,232	10,441	10,543	10,749	10,742	10,683	10,845	10,797	10,832	10,779	*10,773	10,647				
Finished goods ⁴.....do	14,428	16,182	15,362	15,568	15,736	15,789	16,033	16,222	16,182	16,250	16,349	16,448	16,775	*16,719	16,677				
Primary metals.....do	2,218	2,448	2,318	2,353	2,387	2,384	2,411	2,459	2,448	2,398	2,473	2,507	2,651	*2,651	2,632				
Machinery (elec. and nonelec.).....do	5,577	6,268	5,930	6,091	6,118	6,168	6,285	6,301	6,268	6,359	6,447	6,520	6,598	*6,621	6,589				
Transportation equipment.....do	1,375	1,585	1,496	1,478	1,530	1,496	1,571	1,568	1,585	1,547	1,553	1,540	1,543	*1,508	1,510				
Nondurable goods industries, total ¹.....do	31,157	32,355	31,736	31,725	32,004	32,175	32,285	32,340	32,355	32,227	32,634	32,650	33,085	*33,306	33,348				
Food and kindred products.....do	7,370	7,230	7,418	7,296	7,367	7,399	7,292	7,302	7,230	7,200	7,423	7,450	7,532	*7,626	7,583				
Tobacco products.....do	2,261	2,200	2,211	2,230	2,251	2,225	2,240	2,233	2,200	2,165	2,143	2,159	2,161	*2,140	2,151				
Textile mill products.....do	3,539	3,501	3,539	3,509	3,586	3,564	3,524	3,447	3,501	3,455	3,454	3,435	3,452	*3,450	3,416				
Paper and allied products.....do	2,384	2,632	2,448	2,486	2,469	2,513	2,581	2,614	2,632	2,661	2,681	2,682	2,717	*2,701	2,758				
Chemicals and allied products.....do	5,937	6,634	6,332	6,395	6,418	6,467	6,526	6,566	6,634	6,551	6,613	6,633	6,723	*6,826	6,853				
Petroleum and coal products.....do	2,118	2,274	2,079	2,078	2,075	2,108	2,156	2,197	2,274	2,320	2,318	2,331	2,327	*2,403	2,447				
Rubber and plastics products.....do	1,801	1,888	1,808	1,851	1,885	1,890	1,879	1,871	1,888	1,914	1,951	1,949	1,945	*1,926	1,927				
By stage of fabrication:																			
Materials and supplies.....do	11,598	11,792	11,704	11,684	11,790	11,837	12,048	11,963	11,792	11,									

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July
GENERAL BUSINESS INDICATORS—Continued																	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued																	
New orders, net (seas. adj.)—Continued																	
By market category:																	
Home goods and apparel.....mil. \$..	2 55,173	2 56,432	5,030	5,072	4,547	4,635	4,625	4,283	4,528	4,443	4,357	4,435	4,327	* 4,512	4,828	-----	-----
Consumer staples.....do.....	2 115,594	2 124,361	10,327	10,499	10,470	10,563	10,884	10,826	11,028	10,848	10,904	10,993	10,816	* 10,799	11,181	-----	-----
Equip. and defense prod., excl. auto.....do.....	2 98,601	2 109,397	8,063	9,195	8,720	9,614	9,021	10,021	9,570	8,880	9,669	8,566	8,314	* 8,838	8,276	-----	-----
Automotive equipment.....do.....	2 54,554	2 57,315	4,547	5,039	5,310	5,412	5,086	4,773	4,297	4,122	4,262	4,101	4,385	* 4,340	4,696	-----	-----
Construction materials and supplies.....do.....	2 49,522	2 54,663	4,499	4,479	4,459	4,784	4,751	4,708	4,490	4,243	4,420	4,417	4,239	* 4,602	4,606	-----	-----
Other materials and supplies.....do.....	2 233,717	2 255,612	21,395	21,509	21,293	21,821	22,550	21,631	21,449	21,332	21,242	21,369	* 21,284	* 21,543	21,718	-----	-----
Supplementary series:																	
Household durables.....do.....	2 24,120	2 25,461	2,226	2,346	2,036	2,123	2,115	1,890	2,001	1,899	1,954	2,036	1,950	* 1,995	* 2,148	-----	-----
Defense products (old series).....do.....	2 47,409	2 47,291	2,869	4,047	3,773	3,368	4,153	4,630	4,400	3,549	4,282	3,975	3,570	* 4,003	* 3,358	-----	-----
Defense products (new series).....do.....	2 23,114	2 23,114	1,268	2,380	1,464	1,415	1,889	2,419	2,108	1,812	1,872	1,558	1,488	* 1,853	* 1,748	-----	-----
Producers' capital goods industries.....do.....	2 69,650	2 78,641	6,528	6,346	6,245	7,352	6,450	6,696	6,490	6,414	6,603	5,981	* 6,041	* 6,211	* 6,222	-----	-----
Unfilled orders, end of year or month (unadjusted), total.....mil. \$..	85,938	88,412	88,847	89,892	89,493	89,952	89,415	88,859	88,412	88,146	87,765	86,944	86,100	* 84,653	83,894	-----	-----
Durable goods industries, total.....do.....	82,946	85,445	85,631	86,759	86,435	86,918	86,410	85,854	85,445	85,258	84,827	83,991	83,086	* 81,612	* 80,890	-----	-----
Nondur. goods ind. with unfilled orders@.....do.....	2,992	2,967	3,216	3,133	3,058	3,034	3,005	3,005	2,967	2,888	2,938	2,953	3,014	* 3,041	3,004	-----	-----
Unfilled orders, end of year or month (seasonally adjusted), total.....mil. \$..	87,152	89,714	89,058	89,456	89,014	89,411	89,333	89,583	89,714	88,488	87,757	86,679	85,822	* 84,908	84,016	-----	-----
By industry group:																	
Durable goods industries, total ?.....do.....	84,071	86,668	85,910	86,369	85,984	86,377	86,288	86,530	86,668	85,539	84,795	83,715	82,840	* 81,945	* 81,077	-----	-----
Primary metals.....do.....	6,327	7,726	7,073	7,456	7,718	8,015	8,172	7,909	7,726	7,375	6,988	6,813	7,234	* 7,116	* 7,051	-----	-----
Blast furnaces, steel mills.....do.....	3,100	3,921	3,578	3,810	4,004	4,267	4,415	4,267	3,921	3,526	3,226	3,133	3,523	* 3,522	3,464	-----	-----
Fabricated metal products.....do.....	10,114	10,854	10,066	10,175	10,231	10,436	10,588	10,684	10,854	10,569	10,440	10,414	10,324	* 10,520	10,702	-----	-----
Machinery, except electrical.....do.....	14,790	17,243	16,814	16,487	16,494	16,875	16,938	16,926	17,243	17,099	17,010	16,692	16,701	* 16,544	16,259	-----	-----
Electrical machinery.....do.....	13,210	13,512	13,127	13,276	13,120	12,935	13,133	13,013	13,512	13,066	13,674	13,647	13,589	* 13,555	13,339	-----	-----
Transportation equipment.....do.....	33,670	31,605	33,484	33,121	32,658	32,297	31,689	32,200	31,605	31,192	31,064	30,595	29,508	* 28,843	* 28,527	-----	-----
Aircraft, missiles, and parts.....do.....	26,858	24,212	26,035	25,771	24,957	24,535	24,535	24,615	24,212	23,802	23,681	23,420	22,454	* 22,212	21,789	-----	-----
Nondur. goods ind. with unfilled orders@.....do.....	3,081	3,046	3,148	3,087	3,030	3,034	3,045	3,053	3,046	2,949	2,962	2,964	2,982	* 2,963	2,939	-----	-----
By market category:																	
Home goods, apparel, consumer staples.....do.....	2,220	2,017	2,176	2,223	2,117	2,110	2,075	2,000	2,017	1,974	1,966	2,031	2,003	* 1,919	1,875	-----	-----
Equip. and defense prod., incl. auto.....do.....	47,300	48,515	48,006	48,173	47,727	48,027	47,446	48,128	48,515	48,261	48,316	47,602	46,623	* 45,834	45,126	-----	-----
Construction materials and supplies.....do.....	10,279	10,886	10,237	10,312	10,373	10,636	10,774	10,888	10,886	10,592	10,473	10,419	10,322	* 10,484	10,593	-----	-----
Other materials and supplies.....do.....	27,353	28,296	28,639	28,748	28,797	28,638	29,038	28,567	28,296	27,661	27,002	26,627	26,874	* 26,671	26,422	-----	-----
Supplementary series:																	
Household durables.....do.....	1,790	1,642	1,781	1,846	1,742	1,722	1,686	1,625	1,642	1,607	1,593	1,663	1,629	* 1,566	* 1,534	-----	-----
Defense products (old series).....do.....	33,108	30,273	31,771	31,634	31,264	30,565	30,308	30,390	30,273	29,852	29,826	29,498	28,529	* 28,279	27,611	-----	-----
Defense products (new series).....do.....	21,818	20,419	21,662	21,964	21,288	20,641	20,420	20,595	20,419	20,389	20,000	19,472	19,326	* 19,326	18,985	-----	-----
Producers' capital goods industries.....do.....	22,141	25,126	24,044	24,193	23,982	24,527	24,549	24,818	25,126	25,160	25,161	24,754	24,574	* 24,129	* 23,954	-----	-----
BUSINESS INCORPORATIONS¹																	
New incorporations (50 States and Dist. Col.):																	
Unadjusted.....number.....	233,635	274,267	24,128	24,015	20,990	21,498	25,059	19,109	22,849	24,407	21,796	22,901	23,706	* 21,955	-----	-----	-----
Seasonally adjusted.....do.....	-----	-----	23,528	23,554	22,967	23,138	24,046	23,308	22,137	22,072	23,249	21,091	21,876	* 22,404	-----	-----	-----
INDUSTRIAL AND COMMERCIAL FAILURES²																	
Failures, total.....number.....	9,636	9,154	792	689	702	726	815	759	748	734	817	921	992	891	912	-----	-----
Commercial service.....do.....	1,106	1,159	109	113	86	90	90	115	87	84	84	113	137	109	143	-----	-----
Construction.....do.....	1,670	1,590	148	131	126	124	145	134	105	114	155	153	174	164	132	-----	-----
Manufacturing and mining.....do.....	1,513	1,493	126	113	108	110	136	131	146	140	164	180	167	145	157	-----	-----
Retail trade.....do.....	4,366	4,070	324	283	303	338	350	313	351	342	335	394	419	388	396	-----	-----
Wholesale trade.....do.....	981	842	85	49	79	64	94	66	59	54	79	81	95	85	84	-----	-----
Liabilities (current), total.....thous. \$..	940,996	1,142,113	91,921	112,727	62,830	73,698	116,443	127,138	96,849	137,282	139,388	120,021	131,898	147,888	170,498	-----	-----
Commercial service.....do.....	87,289	126,537	20,430	8,047	4,347	9,416	13,696	7,938	18,505	37,608	7,770	7,679	21,137	9,289	16,680	-----	-----
Construction.....do.....	212,459	171,717	10,735	19,457	10,173	21,151	13,033	6,968	20,835	36,504	13,258	17,978	19,306	21,229	21,229	-----	-----
Manufacturing and mining.....do.....	291,700	406,450	24,026	63,474	19,252	18,412	28,532	42,799	39,162	42,260	66,589	46,399	39,958	83,118	93,485	-----	-----
Retail trade.....do.....	220,223	265,122	22,774	17,189	17,851	24,016	34,647	21,192	21,800	24,979	21,655	30,333	32,972	23,774	29,232	-----	-----
Wholesale trade.....do.....	129,325	172,287	13,956	4,560	11,087	11,681	18,417	42,176	10,414	11,600	6,870	22,352	19,853	12,401	9,872	-----	-----
Failure annual rate (seasonally adjusted)																	
No. per 10,000 concerns.....	2 38.6	2 37.3	39.8	34.9	36.0	39.9	39.5	40.9	38.2	33.7	39.4	40.1	43.7	42.1	43.4	-----	-----

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS																	
Prices received, all farm products†.....1910-14=100...	261	275	281	281	277	275	277	282	284	287	289	289	281	282	281	286	
Crops?.....do.....	229	220	226	221	217	211	215	221	215	217	221	221	220	233	232	235	
Commercial vegetables.....do.....	302	298	280	280	267	262	294	362	318	336	333	329	301	380	316	290	
Cotton.....do.....	192	173	180	183	173	163	183	180	169	161	171	175	180	187	189	191	
Feed grains and hay.....do.....	159	166	173	170	167	166	165	162	164	168	169	167	167	171	173	174	
Food grains.....do.....	160	154	151	142	145	152	157	158	159	158	159	157	161	160	153	151	
Fruit.....do.....	316	252	280	260	254	244	228	221	216	207	215	217	203	228	261	276	
Tobacco.....do.....	567	594	585	593	606	615	612	601	603	600	603	603	603	603	603	603	
Livestock and products?.....do.....	288	323	329	332	330	331	329	334	343	346	348	346	334	324	323	330	
Dairy products.....do.....	318	331	310	317	325	342	351	355	354	351	344	336	334	329	323	331	
Meat animals.....do.....	346	400	435	425	421	409	402	398	410	420	436	442	429	418	421	423	
Poultry and eggs.....do.....	142	162	141	162	156	165	163	186	200	197	181	170	147	133	132	148	
Prices paid:																	
All commodities and services.....do.....	310	324	326	325	324	325	326	327	328	330	333	332	334	334	335	335	
Family living items.....do.....	335	351	352	352	352	354	355	356	357	360	362	362	364	365	366	366	
Production items.....do.....	292	304	308	305	304	304	305	306	307	309	312	311	313	312	313	313	
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100...	355	373	376	374	374	375	376	378	378	383	386	385	388	388	390	389	
Parity ratio \$.....do.....	73	74	75	75	74	73	74	75	75	75	75	75	72	73	72	74	

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
COMMODITY PRICES—Continued																	
CONSUMER PRICES																	
(U.S. Department of Labor Indexes)																	
Unadjusted indexes:																	
All items..... 1957-59=100	121.2	127.7	127.6	128.2	128.7	129.3	129.8	130.5	131.3	131.8	132.5	133.2	134.0	134.6	135.2		
Special group indexes:																	
All items less shelter..... do	120.6	126.3	126.3	126.7	127.1	127.6	128.1	128.6	129.5	129.8	130.3	130.7	131.5	132.1	132.6		
All items less food..... do	121.9	128.6	128.4	128.8	129.3	130.0	130.8	131.4	131.9	132.3	133.0	133.8	134.8	135.5	136.1		
All items less medical care..... do	119.7	126.1	126.0	126.5	127.0	127.6	128.2	128.9	129.7	130.1	130.8	131.5	132.2	132.9	133.4		
Commodities..... do	115.3	120.5	120.5	121.0	121.4	121.7	122.4	122.9	123.6	123.7	124.2	124.5	125.2	125.8	126.2		
Nondurables..... do	118.4	124.1	124.1	124.7	125.2	125.8	126.1	126.7	127.7	127.8	128.4	128.7	129.3	129.8	130.0		
Nondurables less food..... do	117.7	123.0	123.0	123.1	123.3	124.4	125.1	125.5	125.7	125.2	125.8	126.1	127.0	127.5	127.7		
Durables..... do	107.5	111.6	111.7	111.9	111.9	111.6	113.2	113.5	113.6	113.7	113.7	114.1	114.8	115.9	116.7		
Commodities less food..... do	113.2	118.0	118.0	118.1	118.2	118.7	119.8	120.2	120.3	120.1	120.4	120.8	121.6	122.3	122.8		
Services..... do	134.3	143.7	143.3	144.0	145.0	146.0	146.5	147.2	148.3	149.6	150.7	152.3	153.4	154.1	155.0		
Services less rent..... do	138.6	149.2	148.8	149.6	150.7	151.7	152.3	153.1	154.3	155.8	157.1	158.9	160.1	161.0	161.9		
Food..... do	119.3	125.5	125.5	126.7	127.4	127.5	127.2	128.1	129.9	130.7	131.5	131.6	132.0	132.4	132.7		
Meats, poultry, and fish..... do	113.7	123.2	125.3	127.6	127.9	129.0	127.6	127.2	127.2	128.8	129.7	130.2	130.9	130.5	130.2		
Dairy products..... do	120.6	124.5	124.0	124.4	125.0	125.5	125.8	126.3	127.6	128.4	128.8	129.4	129.5	129.9	130.2		
Fruits and vegetables..... do	126.8	128.4	130.8	132.3	130.2	126.8	124.0	127.0	132.1	130.9	132.4	133.1	134.7	136.8	139.4		
Housing..... do	119.1	126.7	126.3	127.0	127.8	128.6	129.2	129.8	130.5	131.1	132.2	133.6	134.4	135.1	135.6		
Shelter..... do	123.6	133.6	133.0	134.0	135.1	136.1	137.0	137.7	138.5	139.6	140.9	142.8	143.7	144.7	145.6		
Rent..... do	115.1	118.8	118.5	118.8	119.3	119.7	120.1	120.5	121.0	121.3	121.8	122.3	122.6	123.0	123.4		
Homeownership..... do	127.0	139.4	138.7	140.0	141.3	142.6	143.6	144.5	145.4	146.8	148.5	150.9	152.1	153.3	154.4		
Fuel and utilities..... do	110.4	112.9	112.7	112.6	113.0	113.3	113.5	114.2	114.6	114.6	114.9	115.6	116.3	116.4	116.2		
Fuel oil and coal..... do	115.1	117.8	117.5	117.4	117.7	118.1	118.4	118.9	119.2	119.7	120.6	120.8	120.9	121.0	121.2		
Gas and electricity..... do	109.5	111.5	111.3	110.9	111.5	112.0	112.2	113.2	113.7	114.1	114.6	114.8	115.7	115.8	115.3		
Household furnishings and operation..... do	113.0	117.9	117.9	118.2	118.5	119.0	119.3	119.6	120.0	120.1	120.8	121.6	122.0	122.5	122.8		
Apparel and upkeep..... do	120.1	127.1	127.0	126.8	126.6	128.7	129.8	130.7	130.8	129.3	130.0	130.6	131.1	131.9	132.2		
Transportation..... do	119.6	124.2	124.6	124.3	124.2	123.6	125.7	125.6	126.4	127.3	127.3	127.1	128.9	129.9	130.6		
Private..... do	117.3	121.3	121.8	121.4	121.3	120.5	122.8	122.7	123.4	123.3	123.3	123.0	124.9	125.9	126.7		
New cars..... do	100.8	102.4	101.8	101.6	101.0	99.5	104.2	105.1	104.9	104.7	104.6	104.4	104.3	104.1	103.8		
Used cars..... do		125.3	128.2	127.0	125.4	121.4	125.8	124.9	123.9	120.7	117.8	117.6	121.1	127.5	132.0		
Public..... do	138.2	148.9	149.1	149.5	149.7	150.3	150.3	151.1	153.0	165.1	165.4	165.8	165.8	166.6	167.8		
Health and recreation..... do	130.0	136.6	136.3	137.0	137.7	138.4	138.6	139.1	139.6	140.1	140.7	141.4	142.3	142.9	143.7		
Medical care..... do	145.0	155.0	155.2	155.9	156.8	157.6	156.9	157.4	158.1	159.0	160.1	161.6	162.8	163.6	164.7		
Personal care..... do	120.3	126.2	126.2	126.6	126.8	127.3	127.3	127.8	128.1	128.5	129.0	129.6	129.8	130.3	130.2		
Reading and recreation..... do	125.7	130.5	130.4	130.7	131.2	131.6	132.0	132.3	132.7	133.1	133.2	133.6	134.4	135.2	136.1		
WHOLESALE PRICES ¹																	
(U.S. Department of Labor Indexes)																	
Spot market prices, basic commodities:																	
22 Commodities..... 1957-59=100	195.7	108.1	109.1	109.1	110.9	111.6	111.3	111.9	112.3	113.8	114.3	114.6	114.0	112.7	111.5	110.6	
9 Foodstuffs..... do	192.8	103.1	105.6	104.5	105.2	103.6	105.4	106.8	105.6	106.2	106.6	108.4	107.5	105.4	106.2	107.6	
13 Raw materials..... do	197.8	111.8	111.6	112.4	115.0	117.4	115.6	115.6	117.2	119.4	120.0	119.2	118.7	118.0	115.3	112.8	
All commodities..... do	108.8	113.0	113.2	113.3	113.4	113.6	114.0	114.7	115.1	116.0	116.4	116.6	116.6	116.8	117.0	117.7	
By stage of processing:																	
Crude materials for further processing..... do	101.2	107.9	111.2	110.2	109.5	108.7	108.7	109.0	109.9	110.7	113.0	114.2	113.4	112.8	113.0	113.8	
Intermediate materials, supplies, etc..... do	108.0	111.8	111.4	111.4	111.9	112.4	112.8	113.1	113.5	114.4	114.7	114.8	115.3	115.7	115.9	116.4	
Finished goods..... do	111.3	115.3	115.4	115.9	115.7	116.0	116.5	117.6	118.0	118.8	118.8	119.0	118.6	118.7	119.0	119.7	
Consumer finished goods..... do	109.9	114.0	114.2	114.8	114.4	114.7	115.1	116.2	116.5	117.3	117.3	117.4	116.8	117.0	117.3	118.0	
Producer finished goods..... do	115.5	119.3	118.7	119.3	119.3	119.9	120.8	121.5	122.3	122.9	123.1	123.5	123.7	124.0	124.2	124.6	
By durability of product:																	
Durable goods..... do	111.8	116.6	115.9	116.1	116.5	117.1	117.9	118.4	119.0	119.6	120.0	120.5	120.9	121.3	121.5	121.6	
Nondurable goods..... do	106.5	110.3	111.2	111.3	111.1	111.1	111.2	111.9	112.4	113.4	113.9	113.9	113.6	113.6	113.8	114.8	
Total manufactures..... do	109.5	113.3	113.2	113.5	113.6	113.9	114.6	114.9	115.3	116.1	116.4	116.6	116.9	117.1	117.4	118.0	
Durable manufactures..... do	112.1	116.6	116.0	116.1	116.4	117.0	117.9	118.3	118.8	119.4	119.7	120.1	120.5	121.0	121.3	121.5	
Nondurable manufactures..... do	106.9	110.1	110.6	111.0	111.0	111.0	111.4	111.6	111.9	113.0	113.2	113.2	113.4	113.4	113.6	114.5	
Farm prod., processed foods and feeds..... do	107.7	113.5	115.5	115.5	114.6	114.3	114.3	115.7	116.4	118.2	118.7	118.8	117.6	117.0	117.5	119.3	
Farm products..... do	102.2	108.5	111.2	110.5	108.9	108.4	107.9	111.1	111.7	112.5	113.7	114.3	111.3	111.0	111.3	113.1	
Fruits and vegetables, fresh and dried..... do	108.3	111.0	112.9	103.1	106.7	103.4	101.3	125.3	112.4	116.6	117.2	118.2	112.7	123.5	122.2	112.6	
Grains..... do	81.9	83.3	85.6	83.7	81.9	83.4	84.8	81.7	82.9	85.9	85.5	85.5	87.8	88.4	89.2	89.2	
Live poultry..... do	84.9	89.8	89.8	90.2	92.3	89.0	85.3	86.3	86.9	94.8	87.1	90.8	82.8	83.7	77.9	81.9	
Livestock..... do	104.8	118.3	130.4	126.8	123.6	119.2	118.7	116.6	120.2	117.3	124.9	129.6	124.8	122.2	123.0	126.2	
Foods and feeds, processed..... do	114.2	119.8	121.4	122.0	121.5	121.3	121.6	121.8	122.6	125.1	125.2	124.9	124.9	124.1	124.8	126.6	
Beverages and beverage materials..... do	109.5	112.9	112.4	112.6	112.6	113.1	115.0	116.0	116.1	117.4	118.3	118.4	118.8	120.3	120.3	120.4	
Cereal and bakery products..... do	118.1	120.2	119.7	119.9	120.1	120.4	121.2	121.9	122.0	122.3	123.3	123					

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
COMMODITY PRICES—Continued																
WHOLESALE PRICES[♂]—Continued																
<i>(U.S. Department of Labor Indexes—Continued)</i>																
All commodities [⊖] —Continued																
Industrial commodities—Continued																
Hides, skins, and leather products [♀]																
1957-59=100.....	119.5	125.8	125.7	126.4	126.4	128.2	127.4	126.8	126.5	126.6	126.7	126.8	128.5	127.9	127.3	127.1
Footwear.....do.....	128.0	133.2	132.3	132.7	132.7	134.9	135.2	135.5	135.0	135.9	136.9	136.9	138.4	137.8	137.9	137.9
Hides and skins.....do.....	99.9	116.9	117.4	123.0	123.1	128.7	118.0	110.4	108.9	102.8	101.1	99.4	106.6	101.8	93.8	90.8
Leather.....do.....	112.6	119.9	121.5	121.2	121.0	121.7	120.3	119.6	119.7	119.6	117.3	118.2	120.4	120.4	119.8	119.8
Lumber and wood products.....do.....	119.4	132.0	129.8	125.3	124.0	123.2	122.6	123.9	122.5	121.6	120.2	119.5	120.1	121.0	120.2	119.6
Lumber.....do.....	127.3	142.6	142.3	133.4	131.1	129.5	128.0	129.3	128.2	126.9	124.1	123.3	123.5	124.3	123.0	121.8
Machinery and equipment [♀]do.....	115.4	119.0	118.6	119.0	119.1	119.9	120.5	121.0	121.9	122.5	122.8	123.1	123.4	123.7	124.1	124.7
Agricultural machinery and equip.....do.....	127.2	132.8	132.0	132.3	132.3	133.0	133.2	135.8	136.4	136.7	137.2	137.1	137.3	137.4	137.1	137.4
Construction machinery and equip.....do.....	130.2	135.5	134.5	134.8	134.9	136.1	137.7	138.6	139.8	140.2	140.3	140.6	140.8	140.9	141.0	141.2
Electrical machinery and equip.....do.....	103.1	104.8	104.7	104.8	104.7	105.4	105.6	106.0	106.2	106.8	106.9	107.2	107.3	107.5	108.2	108.6
Metalworking machinery and equip.....do.....	128.7	133.4	132.3	133.3	133.5	134.4	135.4	136.5	138.0	138.6	139.3	139.8	140.3	141.3	141.7	142.2
Metals and metal products [♀]do.....	112.4	118.9	117.9	118.7	120.4	121.7	122.4	122.9	123.8	124.9	126.1	127.0	127.8	128.7	129.1	129.0
Heating equipment.....do.....	95.2	97.6	97.2	97.7	97.7	98.0	98.7	99.3	99.7	99.9	100.5	101.3	101.7	101.7	102.4	103.3
Iron and steel.....do.....	105.6	111.0	110.3	111.1	112.7	113.2	113.7	113.7	113.9	114.6	117.0	117.7	117.3	118.9	120.2	120.4
Nonferrous metals.....do.....	125.1	137.4	135.5	136.1	139.5	143.5	144.8	146.4	150.1	152.8	152.8	153.4	157.1	157.2	155.0	152.6
Nonmetallic mineral products [♀]do.....	108.2	112.8	112.8	113.0	113.0	113.5	113.8	113.9	114.5	116.5	116.9	117.3	117.8	117.9	117.9	118.1
Clay prod., structural, excl. refractories.....do.....	113.3	117.0	116.9	116.9	117.0	117.5	117.8	118.5	118.5	119.4	119.4	119.8	120.9	121.2	121.2	121.3
Concrete products.....do.....	108.1	112.2	111.6	112.3	112.4	113.2	113.6	113.6	114.2	115.9	116.4	117.0	117.2	117.4	118.1	118.3
Gypsum products.....do.....	106.5	106.4	108.7	104.9	103.2	106.1	105.9	109.8	104.3	107.3	108.3	107.0	105.6	104.0	100.7	100.7
Pulp, paper, and allied products.....do.....	104.9	108.2	108.3	108.4	108.7	108.8	109.0	109.3	109.5	111.1	111.8	112.1	112.5	112.3	112.2	112.5
Paper.....do.....	112.2	116.6	117.0	117.1	117.2	116.5	116.5	117.0	117.4	120.3	121.5	121.6	121.6	121.6	121.7	121.9
Rubber and plastics products [§]do.....	100.2	102.1	101.2	102.5	103.0	102.7	103.5	104.4	104.5	104.7	104.6	104.6	104.2	104.2	104.1	105.6
Tires and tubes.....do.....	98.7	98.2	96.3	98.4	99.2	99.2	100.6	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	107.5
Textile products and apparel [♀]do.....	105.8	108.0	107.2	107.7	108.7	109.0	109.1	109.2	109.2	109.5	109.4	109.5	109.3	109.3	109.3	109.2
Apparel.....do.....	110.6	114.5	113.3	113.9	115.8	116.2	116.5	116.7	116.9	117.2	117.5	117.9	117.9	118.0	118.4	118.4
Cotton products.....do.....	105.2	105.2	104.5	105.3	105.7	105.9	105.8	106.0	106.1	106.1	106.1	105.8	105.8	105.8	105.9	105.8
Manmade fiber textile products.....do.....	90.8	92.2	92.7	92.6	92.7	92.1	91.6	91.5	91.1	91.5	91.0	90.4	89.9	89.5	89.0	88.4
Silk yarns.....do.....	183.0	169.7	164.6	168.2	177.1	181.2	183.9	184.6	191.1	193.5	196.3	194.2	201.3	204.8	199.5	201.0
Wool products.....do.....	103.7	104.6	105.0	105.0	104.8	105.0	104.5	104.6	104.3	104.3	104.3	104.4	104.0	103.8	102.8	102.6
Transportation equipment [♀]do.....	100.7	100.3	100.4	99.9	100.0	102.3	102.7	102.7	102.9	102.9	102.9	103.2	103.1	103.2	103.3	103.2
Motor vehicles and equip.....do.....	105.1	107.0	106.6	106.6	106.0	106.1	108.7	109.0	109.0	109.1	109.1	109.4	109.3	109.4	109.5	109.4
Miscellaneous products [♀]do.....	111.7	114.7	115.1	115.5	115.9	116.4	116.7	117.0	117.0	117.4	117.5	117.8	117.8	118.2	121.0	121.4
Toys, sporting goods, etc.....do.....	108.3	111.3	110.9	111.2	111.8	112.1	112.3	112.8	112.7	114.1	114.2	115.3	115.0	115.1	115.8	115.9
Tobacco products.....do.....	115.2	120.8	123.2	123.4	123.5	123.8	123.8	124.0	124.0	124.0	124.0	124.1	124.1	124.1	132.3	131.7
PURCHASING POWER OF THE DOLLAR																
As measured by—																
Wholesale prices.....1957-59=\$1.00.....	\$0.919	\$0.885	\$0.883	\$0.883	\$0.882	\$0.880	\$0.877	\$0.872	\$0.869	\$0.862	\$0.859	\$0.853	\$0.858	\$0.856	\$0.855	\$0.850
Consumer prices.....do.....	.825	.783	.784	.780	.777	.774	.770	.767	.762	.759	.755	.751	.746	.743	.740	.....

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION PUT IN PLACE																
New construction (unadjusted), total.....mil. \$..	84,690	90,866	8,384	8,481	8,514	8,600	8,210	7,877	6,941	6,035	5,825	6,402	7,058	7,614	8,097	-----
Private, total ♀.....do.....	56,996	62,806	5,693	5,845	5,842	5,919	5,808	5,493	5,089	4,261	4,041	4,457	4,942	5,221	5,562	-----
Residential (nonfarm).....do.....	28,823	30,603	2,962	2,974	2,880	2,763	2,648	2,492	2,266	1,905	1,693	1,876	2,230	2,401	2,589	-----
New housing units.....do.....	22,423	23,689	2,243	2,267	2,186	2,124	2,082	1,984	1,797	1,495	1,300	1,452	1,636	1,739	1,877	-----
Nonresidential buildings, except farm and public utilities, total ♀.....mil. \$..	18,800	22,033	1,829	1,946	2,013	2,200	2,169	2,076	1,942	1,623	1,627	1,769	1,824	1,891	1,984	-----
Industrial.....do.....	5,594	6,373	535	562	558	621	613	569	575	438	415	458	501	498	569	-----
Commercial.....do.....	8,333	10,136	850	908	936	1,033	1,025	982	889	750	763	841	840	890	923	-----
Public utilities:																-----
Telephone and telegraph.....do.....	1,704	2,172	183	186	190	204	222	200	226	155	174	218	234			-----
Public, total ♀.....do.....	27,694	28,060	2,691	2,636	2,672	2,681	2,402	2,384	1,852	1,774	1,784	1,945	2,116	2,393	2,535	-----
Buildings (excluding military) ♀.....do.....	10,445	11,226	1,067	996	940	970	868	921	780	800	801	834	877			-----
Housing and redevelopment.....do.....	746	1,047	60	75	73	89	82	95	80	78	75	118	82	89		-----
Industrial.....do.....	517	612	61	30	44	37	42	36	41	41	35	36	45	36	46	-----
Military facilities.....do.....	824	945	88	67	83	95	88	76	73	61	54	53	56	72	75	-----
Highways and streets.....do.....	9,295	9,276	917	950	1,064	1,023	892	822	600	483	500	581	677	904		-----
New construction (seasonally adjusted at annual rates), total.....bil. \$..			91.5	90.8	89.9	91.1	90.8	88.9	89.5	89.9	90.7	88.8	90.0	88.4	88.8	-----
Private, total ♀.....do.....			63.0	63.2	62.4	63.7	63.7	61.9	61.6	61.8	62.1	62.3	62.8	61.7	61.9	-----
Residential (nonfarm).....do.....			31.6	30.3	29.3	29.2	29.4	28.9	28.6	27.8	27.4	27.7	29.0	28.2	27.7	-----
Nonresidential buildings, except farm and public utilities, total ♀.....bil. \$..			21.2	22.4	22.7	23.8	23.7	22.8	22.6	23.3	24.0	23.8	22.7	22.4	23.1	-----
Industrial.....do.....			6.0	6.4	6.4	6.7	6.9	6.6	6.4	6.4	6.0	5.9	6.2	5.9	6.4	-----
Commercial.....do.....			10.0	10.4	10.3	11.1	10.9	10.2	10.3	11.0	11.7	11.8	10.6	10.6	10.9	-----
Public utilities:																-----
Telephone and telegraph.....do.....			2.0													-----
Public, total ♀.....do.....			28.4	27.6	27.5	27.4	27.1	27.0	27.9	28.1	28.6	26.6	27.3	26.7	26.9	-----
Buildings (excluding military) ♀.....do.....			11.4	10.9	11.0	10.6	10.5	10.5	10.7	10.8	10.9	10.7	10.7	10.4		-----
Housing and redevelopment.....do.....			.8	.7	.8	.9	1.0	.9	1.0	1.1	1.1	1.2	1.3	1.2		-----
Industrial.....do.....			.6	.4	.6	.4	.5	.4	.5	.5	.5	.4	.5	.4	.5	-----
Military facilities.....do.....			1.0	.8	.9	.9	.9	.8	.9	.9	.9	.7	.7	.9	.8	-----
Highways and streets.....do.....			8.9	8.8	8.9	9.3	9.3	9.6	10.3	10.5	11.1	9.4	9.5	9.4		-----

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CONSTRUCTION AND REAL ESTATE—Continued																
CONSTRUCTION CONTRACTS																
Construction contracts in 48 States (F. W. Dodge Division, McGraw-Hill):																
Valuation, total.....mil. \$	1 61,732	67,827	6,443	6,298	6,523	5,140	6,240	4,406	5,228	4,928	5,249	6,140	6,757	5,417	6,553	-----
Index (mo. data seas. adj.).....1957-59=100..	1 173	193	186	180	216	173	195	178	218	205	215	208	203	170	186	-----
Public ownership.....mil. \$	1 19,597	22,858	2,326	2,352	2,605	1,719	1,626	1,427	1,727	1,433	1,652	2,069	1,791	1,695	2,815	-----
Private ownership.....do	1 42,135	44,969	4,118	3,947	3,918	3,420	4,615	2,980	3,501	3,495	3,597	4,071	4,966	3,722	3,738	-----
By type of building:																
Nonresidential.....do	1 22,513	26,085	2,357	2,402	2,460	2,013	2,502	1,566	2,168	2,252	2,269	2,191	2,413	1,750	1,919	-----
Residential.....do	1 24,838	25,590	2,548	2,296	2,394	1,952	2,290	1,675	1,744	1,475	1,482	1,974	2,466	2,123	2,224	-----
Non-building construction.....do	1 14,382	16,152	1,538	1,600	1,669	1,175	1,449	1,165	1,317	1,201	1,498	1,975	1,878	1,545	2,410	-----
New construction planning (Engineering News-Record) O.....do	52,419	57,164	4,267	4,368	4,167	3,858	7,124	6,878	5,486	5,655	4,092	4,989	5,857	6,457	4,916	-----
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total (private and public).....thous.	1,545.5	1,499.9	150.8	126.5	127.6	132.9	125.8	97.4	85.3	69.2	77.0	117.8	130.2	127.3	140.0	141.9
Inside SMSA's.....do	1,116.1	1,096.8	109.1	91.0	91.4	93.9	91.2	68.1	63.7	52.0	55.3	87.5	91.3	88.4	91.1	100.9
Privately owned.....do	1,507.7	1,466.8	147.3	125.2	124.9	129.3	123.4	94.6	84.1	66.4	74.3	114.7	128.4	125.0	133.6	139.3
One-family structures.....do	899.5	810.6	82.7	73.5	69.5	71.5	68.0	55.1	42.8	33.5	41.4	62.1	73.8	74.8	82.6	75.5
Seasonally adjusted at annual rates:																
Total privately owned.....do	-----	-----	1,507	1,429	1,376	1,481	1,390	1,280	1,402	1,059	1,306	1,392	1,224	1,242	1,375	1,585
One-family structures.....do	-----	-----	826	803	752	828	766	762	776	577	725	708	697	728	831	827
New private housing units authorized by building permits (13,000 permit-issuing places):																
Seasonally adjusted at annual rates:																
Total.....thous.	1,353	1,300	1,340	1,228	1,245	1,201	1,183	1,191	1,239	1,013	1,137	1,099	1,263	1,321	1,306	1,265
One-family structures.....do	695	617	631	570	570	565	574	596	639	469	562	552	603	602	613	630
Manufacturers' shipments of mobile homes:*																
Unadjusted.....do	318.0	412.7	36.4	35.2	38.1	40.1	43.4	32.7	27.2	23.7	23.8	29.3	39.6	32.6	35.4	-----
Seasonally adjusted at annual rates.....do	-----	-----	395	413	408	417	454	452	403	383	338	344	442	377	36.6	-----
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite.....1957-59=100..	131	142	141	143	143	143	143	144	145	145	146	146	146	149	151	-----
American Appraisal Co., The:																
Average, 30 cities.....1913=100..	970	1,050	1,046	1,059	1,061	1,065	1,069	1,073	1,076	1,082	1,084	1,085	1,097	1,117	-----	-----
Atlanta.....do	1,072	1,158	1,137	1,161	1,176	1,179	1,177	1,178	1,178	1,210	1,214	1,221	1,231	-----	-----	-----
New York.....do	1,070	1,116	1,104	1,106	1,105	1,106	1,133	1,136	1,136	1,169	1,171	1,172	1,178	-----	-----	-----
San Francisco.....do	966	1,054	1,032	1,062	1,062	1,063	1,063	1,066	1,061	1,061	1,060	1,061	1,062	-----	-----	-----
St. Louis.....do	953	1,021	1,019	1,019	1,035	1,054	1,053	1,054	1,054	1,060	1,065	1,066	1,072	-----	-----	-----
Associated General Contractors of America, Inc. (The building only).....1957-59=100..	139	150	151	153	153	153	153	153	154	155	155	156	157	159	164	-----
Boeckh indexes:																
Average, 20 cities:																
All types combined.....1957-59=100..	138.9	149.7	149.7	150.8	151.9	151.8	152.4	153.1	153.7	154.5	154.8	155.6	155.8	157.4	163.8	-----
Apartments, hotels, office buildings.....do	139.9	151.8	151.5	153.0	154.5	154.4	155.1	156.0	156.4	156.7	157.1	158.0	158.3	159.4	163.8	-----
Commercial and factory buildings.....do	139.1	149.1	148.9	150.3	151.0	151.0	152.1	152.5	153.2	154.2	154.5	155.5	155.7	157.7	161.9	-----
Residences.....do	136.7	148.0	149.0	148.9	150.4	149.8	149.3	150.1	151.0	151.6	152.1	152.3	152.6	153.3	157.5	-----
Engineering News-Record:																
Building.....do	136.8	149.9	151.5	150.3	151.6	151.0	151.3	151.9	152.2	152.2	152.0	152.2	154.2	156.4	157.5	160.9
Construction.....do	151.9	167.2	169.1	168.8	170.0	169.1	171.0	171.7	171.8	172.2	172.5	173.0	174.9	177.0	180.1	186.0
Bu. of Public Roads—Highway construction: Composite (avg. for year or qtr.).....1957-59=100..	121.6	132.3	130.3	-----	-----	136.3	-----	-----	138.7	-----	-----	137.2	-----	-----	142.4	-----
CONSTRUCTION MATERIALS																
Output index: †																
Composite, unadjusted Q.....1947-49=100..	166.0	166.0	177.0	170.7	170.2	172.2	181.0	147.6	147.0	136.7	142.9	161.1	162.9	-----	-----	-----
Seasonally adjusted.....do	-----	-----	165.6	177.3	154.7	165.0	159.7	154.4	171.1	145.5	161.5	166.6	159.8	-----	-----	-----
Iron and steel products, unadjusted.....do	171.1	167.8	180.9	171.0	169.0	166.3	176.1	153.0	158.7	140.2	158.9	175.4	162.7	181.2	-----	-----
Lumber and wood products, unadj.....do	168.2	164.5	161.6	157.2	156.6	166.8	178.6	147.2	149.9	151.0	146.6	163.4	163.4	163.8	-----	-----
Portland cement, unadjusted.....do	198.1	204.2	245.4	253.4	257.2	259.9	260.7	184.2	155.4	101.7	120.8	153.9	196.9	217.7	-----	-----
REAL ESTATE																
Mortgage applications for new home construction:																
FHA net applications.....thous. units	166.8	184.9	15.9	15.1	14.4	16.5	19.8	14.6	14.9	16.5	20.0	26.5	27.7	24.4	27.7	26.6
Seasonally adjusted annual rates.....do	-----	-----	178	176	169	193	224	230	210	251	250	258	269	269	290	294
Requests for VA appraisals.....do	131.7	138.2	11.4	13.6	13.0	11.1	11.4	11.5	10.1	9.4	10.7	13.5	12.8	12.2	11.5	12.2
Seasonally adjusted annual rates.....do	-----	-----	130	142	152	128	127	177	147	141	142	142	134	131	125	122
Home mortgages insured or guaranteed by—																
Fed. Hous. Adm.: Face amount.....mil. \$	6,495.94	7,120.63	595.38	657.56	630.40	714.28	712.12	560.12	595.83	610.47	501.86	581.88	561.43	527.06	696.27	705.61
Vet. Adm.: Face amount.....do	3,773.88	4,073.86	308.13	355.55	384.56	363.55	397.44	328.54	317.14	310.21	235.24	257.74	232.58	237.52	262.66	-----
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$	5,259	9,289	6,413	7,053	7,544	7,940	8,439	8,802	9,289	9,852	9,937	9,745	9,860	10,008	10,236	-----
New mortgage loans of all savings and loan associations, estimated total.....mil. \$	21,983	21,832	2,415	1,974	1,918	1,728	1,698	1,330	1,508	1,064	1,042	1,262	1,400	1,586	2,078	-----
By purpose of loan:																
Home construction.....do	4,916	4,756	495	421	393	377	365	286	300	220	223	284	325	373	394	-----
Home purchase.....do	11,215	11,244	1,345	1,091	1,089	936	862	652	687	530	502	585	627	741	1,015	-----
All other purposes.....do	5,852	5,832	575	462	436	415	471	392	521	314	317	393	448	472	669	-----
Foreclosures.....number	110,404	95,856	8,108	7,503	7,362	7,812	8,468	7,249	8,337	7,772	7,213	8,427	-----	-----	-----	-----
Fire losses (on bldgs., contents, etc.).....mil. \$	1,829.92	1,952.02	164.57	148.21	172.14	154.89	156.54	146.32	179.43	184.03	206.89	196.68	188.47	186.94	177.67	-----

* Revised. † Annual total reflects revisions not distributed to months. ‡ Computed from cumulative valuation total. O Data for July and Oct. 1969 and Jan. and Apr. 1970 are for 5 weeks; other months, 4 weeks. * New series. Data from Mobile Home Manufacturers' Association; seasonally adjusted annual rates calculated by Bu. of the Census. Available earlier data will be shown later.

† Revisions for 1961-68 for FHA applications and for 1961-Feb. 1969 for requests for VA appraisals (seas. adj. annual rates) will be shown later. Revisions for 1964-68 for construction materials output indexes appear in the Dec. 1969 issue of Construction Review (BDSA). ‡ Includes data for items not shown separately. § Data include guaranteed direct loans sold. • Corrected.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
DOMESTIC TRADE																
ADVERTISING																
Television advertising:																
Network (major national networks):																
Net time costs, total.....mil. \$.	1,550.0	1,698.8	381.0				343.8			537.6						
Automotive, incl. accessories.....do.	125.9	135.1	27.5				21.3			50.6						
Drugs and toiletries.....do.	437.0	496.8	104.3				103.1			157.6						
Foods, soft drinks, confectionery.....do.	293.3	314.4	70.9				66.4			89.9						
Soaps, cleansers, etc.....do.	144.9	157.5	38.0				39.4			38.4						
Smoking materials.....do.	156.8	175.0	38.5				35.0			54.2						
All other.....do.	392.1	420.0	101.7				78.6			147.0						
Magazine advertising (general and natl. farm magazines):																
Cost, total.....mil. \$.	1,196.1	1,245.3	98.8	71.4	73.4	113.4	133.3	133.9	106.7	69.9	88.7	109.8	112.1	121.2	101.0	
Apparel and accessories.....do.	63.5	60.6	2.4	1.0	6.1	9.4	6.2	5.6	3.9	1.8	3.5	6.2	6.5	4.1	2.0	
Automotive, incl. accessories.....do.	112.6	114.4	9.3	5.3	4.4	9.0	17.1	13.2	6.6	5.4	7.8	10.7	9.9	11.1	9.0	
Building materials.....do.	32.3	26.5	2.7	.1	1.4	2.7	2.8	1.6	1.0	.8	1.4	2.4	2.6	3.1	1.7	
Drugs and toiletries.....do.	144.4	158.7	14.4	10.9	11.3	14.6	14.6	15.8	15.4	9.1	12.4	13.4	14.3	15.1	15.2	
Foods, soft drinks, confectionery.....do.	106.3	101.5	8.6	7.7	5.8	8.2	9.4	11.3	8.1	5.0	8.3	9.3	8.5	9.7	8.4	
Beer, wine, liquors.....do.	95.6	101.8	9.2	6.7	4.7	7.4	11.3	12.8	16.6	3.6	5.2	7.8	8.1	9.1	10.0	
Household equip., supplies, furnishings.....do.	75.7	76.5	6.4	4.4	3.2	7.0	10.2	8.9	4.7	3.1	3.6	5.6	7.2	9.7	5.8	
Industrial materials.....do.	56.7	60.0	5.6	4.5	4.9	6.0	5.6	6.0	3.7	3.1	3.7	3.5	4.4	5.1	4.8	
Soaps, cleansers, etc.....do.	22.2	15.7	1.2	.8	.8	1.1	1.4	1.5	.9	.9	1.9	1.7	1.7	1.9	1.4	
Smoking materials.....do.	43.2	48.2	3.8	3.6	3.5	4.3	4.3	4.9	5.0	3.9	4.5	4.6	5.2	5.6	5.3	
All other.....do.	443.6	481.4	35.2	26.4	27.3	43.6	50.5	52.3	40.9	33.5	37.4	44.5	43.8	46.6	37.5	
Newspaper advertising linage (52 cities): Ⓢ																
Total.....mil. lines.	3,381.1	3,575.1	303.1	273.3	294.3	293.9	326.3	339.6	307.2	247.6	241.4	289.0	303.8	313.4	284.3	
Classified.....do.	923.7	1,017.1	89.8	83.7	92.2	86.1	89.0	83.4	66.9	72.9	70.2	80.2	81.8	87.4	79.9	
Display, total.....do.	2,457.3	2,558.0	213.2	189.6	202.0	207.8	237.3	256.2	240.3	174.7	171.3	208.8	222.0	226.0	204.4	
Automotive.....do.	171.0	173.3	15.7	14.7	14.0	16.7	14.7	13.7	9.8	10.3	11.5	13.1	15.3	16.9	15.7	
Financial.....do.	72.8	81.7	7.8	8.2	4.6	6.1	7.3	5.9	7.0	9.6	5.8	6.8	7.1	8.1	6.8	
General.....do.	296.1	300.1	25.5	19.3	18.2	25.1	30.6	31.7	21.7	17.8	20.7	23.8	27.1	26.8	21.6	
Retail.....do.	1,917.4	2,003.0	164.3	147.5	165.3	159.9	184.8	204.9	201.7	137.0	133.2	165.2	172.5	177.2	160.3	
WHOLESALE TRADE																
Merchant wholesalers sales (unadj.), total. mil. \$.	219,943	236,708	20,036	20,008	20,036	20,638	21,935	19,720	20,703	18,813	18,505	20,592	20,333	20,247	21,451	
Durable goods establishments.....do.	100,012	109,578	9,549	9,355	9,294	9,575	10,137	8,892	9,040	8,328	8,393	9,370	9,371	9,294	10,042	
Nondurable goods establishments.....do.	119,930	127,130	10,485	10,653	10,742	11,063	11,799	10,828	11,664	10,485	10,112	11,221	10,962	10,953	11,409	
Merchant wholesalers inventories, book value, end of year or month (unadj.), total. mil. \$.	22,487	24,365	23,500	23,349	23,495	23,669	24,229	24,288	24,365	24,537	24,746	24,907	25,010	24,938	24,962	
Durable goods establishments.....do.	13,245	14,376	14,227	14,172	14,262	14,138	14,321	14,273	14,376	14,432	14,622	14,817	14,974	14,921	14,926	
Nondurable goods establishments.....do.	9,242	9,989	9,273	9,177	9,233	9,531	9,909	10,015	9,989	10,105	10,125	10,090	10,036	10,017	10,036	
RETAIL TRADE																
All retail stores:																
Estimated sales (unadj.), total.....mil. \$.	339,324	351,633	29,625	29,026	29,424	28,583	30,645	29,839	35,963	27,051	25,437	28,715	29,654	31,326	31,318	
Durable goods stores Ⓢ	110,245	112,779	10,207	9,496	9,948	9,364	10,055	9,107	9,799	7,810	7,874	8,918	9,535	9,833	10,330	
Automotive group.....do.	65,261	66,911	6,152	5,616	5,098	5,481	6,088	5,378	5,072	4,664	4,796	5,456	5,793	5,859	6,195	
Passenger car, other auto. dealers.....do.	60,660	62,048	5,695	5,171	4,687	5,103	5,673	4,968	4,613	4,325	4,489	5,083	5,351	5,400	5,724	
Tire, battery, accessory dealers.....do.	4,601	4,863	457	445	411	378	415	410	459	339	307	373	442	459	471	
Furniture and appliance group Ⓢ	16,540	16,719	1,417	1,383	1,360	1,401	1,434	1,436	1,847	1,327	1,217	1,290	1,317	1,355	1,424	
Furniture, home furnishings stores.....do.	10,227	10,439	899	859	864	855	889	891	1,046	792	762	802	826	860	891	
Household appliance, TV, radio.....do.	5,235	5,223	446	454	417	441	446	456	632	428	370	388	402	410	440	
Lumber, building, hardware group.....do.	14,562	14,562	1,370	1,345	1,312	1,279	1,309	1,142	1,186	871	896	1,031	1,186	1,288	1,354	
Lumber, bldg. materials dealers Ⓢ	10,984	11,278	1,073	1,048	1,033	1,018	1,037	879	818	672	712	828	933	988	1,051	
Hardware stores.....do.	3,284	297	297	279	261	272	263	368	368	199	184	203	253	300	303	
Nondurable goods stores Ⓢ	229,079	238,854	19,418	19,530	20,476	19,219	20,590	20,732	26,164	19,241	17,563	19,797	20,119	21,493	20,988	
Apparel group.....do.	19,265	20,158	1,550	1,471	1,679	1,642	1,747	1,782	2,538	1,412	1,241	1,587	1,530	1,634	1,610	
Men's and boys' wear stores.....do.	4,516	4,761	375	330	360	354	403	446	745	292	231	336	336	373	383	
Women's apparel, accessory stores.....do.	7,429	7,606	574	561	605	626	672	666	1,025	524	483	586	588	618	603	
Shoe stores.....do.	3,196	3,505	289	262	337	328	307	300	444	239	214	319	272	291	288	
Drug and proprietary stores.....do.	11,458	11,863	951	961	992	969	986	966	1,347	1,018	950	1,022	989	1,040	1,040	
Eating and drinking places.....do.	25,285	25,849	2,307	2,336	2,430	2,199	2,255	2,121	2,120	2,026	1,945	2,141	2,229	2,452	2,464	
Food group.....do.	72,881	75,866	6,147	6,418	6,666	6,125	6,593	6,331	6,800	6,816	6,040	6,438	6,497	7,025	6,792	
Grocery stores.....do.	67,925	70,955	5,733	5,992	6,234	5,712	6,168	5,922	6,351	6,407	5,649	5,996	6,051	6,557	6,330	
Gasoline service stations.....do.	24,526	25,116	2,184	2,223	2,210	2,060	2,119	2,053	2,131	2,079	1,917	2,128	2,178	2,298	2,321	
General merchandise group with non-stores Ⓢ	54,493	58,615	4,593	4,508	4,938	4,669	5,107	5,649	8,636	3,969	3,719	4,614	4,739	5,007	4,922	
General merchandise group without non-stores Ⓢ	49,295	53,083	4,145	4,060	4,479	4,186	4,583	5,128	8,063	3,546	3,280	4,152	4,275	4,530	4,438	
Department stores.....do.	33,323	36,411	2,862	2,775	3,064	2,877	3,126	3,515	5,572	2,409	2,181	2,788	2,930	3,067	3,041	
Mail order houses (dept. store mdse).....do.	3,256	3,519	244	245	270	274	338	408	507	234	256	312	290	286	263	
Variety stores.....do.	6,152	6,548	514	506	546	492	538	590	1,088	414	409	528	509	584	550	
Liquor stores.....do.	6,969	7,403	596	632	639	577	611	639	875	613	537	587	615	671	661	
Estimated sales (seas. adj.), total.....do.			29,371	29,090	29,346	29,259	29,620	29,471	29,419	29,570	29,980	29,801	30,536	30,502	30,432	
Durable goods stores Ⓢ			9,545	9,141	9,161	9,384	9,354	9,229	9,275	8,886	9,143	9,134	9,340	9,320	9,334	
Automotive group.....do.			5,634	5,419	5,412	5,665	5,638	5,565	5,453	5,114	5,325	5,350	5,469	5,349	5,415	
Passenger car, other auto. dealers.....do.			5,220	5,011	5,013	5,272	5,238	5,170	5,086	4,701	4,901	4,921	5,029	4,909	5,003	
Tire, battery, accessory dealers.....do.			414	408	399											

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	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
DOMESTIC TRADE—Continued																
RETAIL TRADE—Continued																
All retail stores—Continued																
Estimated sales (seas. adj.)—Continued																
Nondurable goods stores ?	mil. \$		19,826	19,949	20,185	19,875	20,266	20,242	20,144	20,684	20,837	20,667	21,196	21,182	21,098	
Apparel group	do.		1,660	1,700	1,738	1,676	1,719	1,677	1,681	1,616	1,735	1,608	1,728	1,684	1,685	
Men's and boys' wear stores	do.		375	375	400	388	401	406	397	391	420	383	397	387	379	
Women's apparel, accessory stores	do.		640	658	653	645	652	627	603	608	650	590	634	627	653	
Shoe stores	do.		296	306	332	316	314	305	335	273	296	271	293	284	288	
Drug and proprietary stores	do.		975	994	1,013	1,019	1,007	1,004	1,000	1,038	1,034	1,051	1,044	1,040	1,055	
Eating and drinking places	do.		2,191	2,110	2,150	2,173	2,219	2,233	2,137	2,209	2,270	2,273	2,296	2,296	2,353	
Food group	do.		6,278	6,275	6,429	6,326	6,450	6,429	6,436	6,674	6,655	6,679	6,747	6,747	6,765	
Grocery stores	do.		5,868	5,863	6,006	5,907	6,035	6,012	6,026	6,239	6,221	6,233	6,290	6,305	6,375	
Gasoline service stations	do.		2,086	2,080	2,075	2,089	2,090	2,078	2,097	2,184	2,183	2,203	2,213	2,233	2,215	
General merchandise group with non-stores ?	mil. \$		4,857	5,019	5,000	4,864	5,000	4,987	4,998	5,061	5,114	5,001	5,271	5,200	5,098	
General merchandise group without non-stores ?	mil. \$		4,398	4,556	4,524	4,362	4,486	4,475	4,554	4,603	4,612	4,527	4,796	4,733	4,614	
Department stores	do.		2,991	3,143	3,117	2,988	3,065	3,083	3,113	3,108	3,129	3,060	3,285	3,185	3,135	
Mail order houses (dept. store mdse.)	do.		294	287	285	281	302	294	310	330	338	323	309	336	304	
Variety stores	do.		552	560	554	526	553	550	553	574	560	562	596	613	577	
Liquor stores	do.		627	642	640	617	618	614	594	649	633	655	669	674	687	
Estimated inventories, end of year or month:																
Book value (unadjusted), total	mil. \$	41,346	44,247	43,753	43,688	43,015	44,284	45,849	46,969	44,247	43,629	44,871	45,987	46,554	46,012	46,050
Durable goods stores ?	do.	18,846	19,956	20,149	19,802	18,516	18,995	19,508	20,036	19,956	19,897	20,391	20,811	21,009	20,805	20,917
Automotive group	do.	8,758	9,710	9,735	9,425	8,051	8,569	8,966	9,385	9,710	9,706	9,868	10,170	10,326	10,343	10,474
Furniture and appliance group	do.	3,029	3,130	3,036	3,075	3,105	3,124	3,210	3,311	3,130	3,032	3,088	3,124	3,160	3,086	3,089
Lumber, building, hardware group	do.	2,797	2,773	2,980	2,902	2,878	2,856	2,837	2,832	2,773	2,756	2,760	2,819	2,826	2,772	2,773
Nondurable goods stores ?	do.	22,500	24,291	23,604	23,886	24,499	25,289	26,341	26,933	24,291	23,732	24,480	25,176	25,545	25,207	25,133
Apparel group	do.	4,536	4,891	4,826	4,873	5,204	5,344	5,387	5,511	4,891	4,701	4,894	5,074	5,145	5,064	4,966
Food group	do.	4,511	4,822	4,627	4,624	4,620	4,676	4,794	4,896	4,822	4,676	4,784	4,835	4,861	4,862	4,866
General merchandise group with non-stores	mil. \$	9,237	10,105	9,982	10,194	10,431	10,946	11,735	11,952	10,105	9,962	10,324	10,755	10,925	10,759	10,787
Department stores	do.	5,286	5,771	5,686	5,824	5,979	6,284	6,787	6,962	5,771	5,602	5,772	6,089	6,134	6,037	6,019
Book value (seas. adj.), total	do.	42,657	45,838	43,438	43,874	44,322	44,806	45,378	45,537	45,838	45,270	45,337	45,525	45,493	45,288	45,743
Durable goods stores ?	do.	19,461	20,597	19,365	19,358	19,756	20,079	20,564	20,602	20,597	20,103	19,936	20,022	19,960	19,880	20,094
Automotive group	do.	8,919	9,888	9,047	9,011	9,394	9,738	10,154	10,146	9,888	9,548	9,266	9,434	9,447	9,524	9,703
Furniture and appliance group	do.	3,139	3,244	3,015	3,078	3,108	3,072	3,113	3,165	3,244	3,182	3,177	3,162	3,126	3,068	3,077
Lumber, building, hardware group	do.	2,898	2,874	2,927	2,908	2,898	2,867	2,851	2,841	2,874	2,790	2,771	2,756	2,723	2,707	2,751
Nondurable goods stores ?	do.	23,196	25,241	24,073	24,516	24,566	24,727	24,814	24,935	25,241	25,167	25,401	25,503	25,533	25,408	25,649
Apparel group	do.	4,760	5,132	5,038	5,092	5,097	5,037	4,970	5,028	5,132	5,131	5,093	5,193	5,155	5,146	5,184
Food group	do.	4,493	4,803	4,646	4,694	4,695	4,704	4,686	4,795	4,803	4,744	4,832	4,825	4,861	4,872	4,890
General merchandise group with non-stores	mil. \$	9,806	10,829	10,274	10,488	10,483	10,525	10,633	10,632	10,829	10,850	10,925	10,991	10,935	10,882	11,070
Department stores	do.	5,576	6,139	5,904	6,029	6,027	6,025	6,060	6,075	6,139	6,162	6,153	6,239	6,134	6,117	6,224
Firms with 11 or more stores:																
Estimated sales (unadj.), total ?	do.	94,194	103,070	8,198	8,249	8,786	8,274	9,041	9,258	12,541	8,112	7,316	8,463	8,560	9,160	8,987
Apparel group ?	do.	5,186	5,921	462	412	503	505	531	556	906	387	352	507	460	485	499
Men's and boys' wear stores	do.	767	905	68	53	65	70	85	110	163	73	58	66	63	71	72
Women's apparel, accessory stores	do.	1,837	2,090	159	150	176	178	192	191	314	131	120	167	163	170	184
Shoe stores	do.	1,335	1,598	136	113	149	155	139	144	237	101	97	159	124	134	140
Drug and proprietary stores	do.	3,373	3,777	293	311	328	315	318	320	489	322	294	348	322	347	352
Eating and drinking places	do.	2,122	2,487	218	210	224	229	231	208	205	203	193	215	234	221	229
Furniture and appliance group	do.	1,303	1,354	129	123	115	113	115	112	143	88	85	100	105	106	114
General merchandise group with non-stores ?	mil. \$	38,395	41,997	3,282	3,251	3,532	3,320	3,636	4,045	6,340	2,808	2,624	3,306	3,405	3,599	3,546
General merchandise group without non-stores ?	mil. \$	35,708	39,222	3,052	3,028	3,315	3,084	3,379	3,783	6,027	2,613	2,406	3,072	3,174	3,351	3,297
Dept. stores, excl. mail order sales	do.	26,184	28,934	2,275	2,238	2,471	2,292	2,478	2,786	4,424	1,921	1,746	2,241	2,355	2,467	2,455
Variety stores	do.	4,821	5,232	410	401	432	390	429	477	875	326	321	415	409	484	439
Grocery stores	do.	34,295	37,163	2,903	3,072	3,244	2,955	3,303	3,148	3,409	3,511	3,028	3,179	3,166	3,468	3,317
Tire, battery, accessory dealers	do.	1,736	1,816	180	173	147	134	159	146	171	112	103	127	155	159	162
Estimated sales (seas. adj.), total ?																
Apparel group ?	do.	487	505	519	514	514	515	523	487	521	477	530	496	513	513	
Men's and boys' wear stores	do.	68	67	78	80	79	93	85	82	85	73	74	73	71	71	
Women's apparel, accessory stores	do.	171	181	181	182	183	177	177	173	175	164	185	172	193	193	
Shoe stores	do.	138	140	150	150	142	147	158	125	140	127	142	132	141	141	
Drug and proprietary stores	do.	299	327	337	341	332	326	314	349	339	361	348	347	365	365	
Eating and drinking places	do.	206	202	215	226	228	216	207	215	217	214	214	214	215	219	
General merchandise group with non-stores ?	mil. \$	3,407	3,603	3,553	3,432	3,559	3,519	3,695	3,646	3,698	3,605	3,782	3,750	3,648	3,648	
General merchandise group without non-stores ?	mil. \$	3,168	3,379	3,338	3,199	3,316	3,264	3,447	3,428	3,442	3,362	3,535	3,502	3,401	3,401	
Dept. stores, excl. mail order sales	do.	2,326	2,501	2,493	2,360	2,432	2,406	2,556	2,498	2,534	2,476	2,608	2,554	2,510	2,510	
Variety stores	do.	439	450	439	418	440	437	442	460	448	443	473	488	461	461	
Grocery stores	do.	3,088	3,094	3,146	3,120	3,197	3,199	3,213	3,344	3,306	3,318	3,274	3,344	3,437	3,437	
Tire, battery, accessory dealers	do.	164	162	146	143	158	142	131	136	140	146	151	149	143	143	
All retail stores, accounts receivable, end of yr. or mo.:																
Total (unadjusted)	mil. \$	20,630	21,490	19,806	19,566	19,634	19,734	19,853	20,143	21,490	20,594	20,086	20,010	20,083	20,254	20,367
Durable goods stores	do.	7,140	7,174	7,189	7,151	7,122	7,134	7,159	7,082	7,174	6,802	6,786	6,794	6,819	6,855	7,065
Nondurable goods stores	do.	13,490	14,316	12,617	12,415	12,512	12,600	12,694	13,061	14,316	13,792	13,300	13,216	13,264	13,399	13,

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
LABOR FORCE, EMPLOYMENT, AND EARNINGS																
POPULATION OF THE UNITED STATES																
Total, incl. armed forces overseas.....mil.	201.18	203.21	203.04	203.21	203.40	203.61	203.81	204.00	204.18	204.35	204.51	204.66	204.84	205.02	205.20	205.40
LABOR FORCE																
Labor force, persons 16 years of age and over.....thous.	82,271	84,239	85,880	86,318	86,046	84,527	85,038	84,920	84,856	84,105	84,625	85,008	85,231	84,968	87,230	87,955
Civilian labor force.....do.	78,737	80,733	82,356	82,797	82,516	80,984	81,510	81,427	81,416	80,719	81,283	81,690	81,960	81,741	84,050	84,801
Employed, total.....do.	75,921	77,902	78,956	79,616	79,646	78,026	78,671	78,716	78,788	77,313	77,489	77,957	78,408	78,357	79,382	80,291
Nonagricultural employment.....do.	72,104	74,296	74,589	75,460	75,669	74,397	75,110	75,395	75,805	74,398	74,495	74,786	74,877	74,632	75,174	76,173
Agricultural employment.....do.	3,817	3,606	4,367	4,155	3,977	3,629	3,561	3,322	2,984	2,915	2,994	3,171	3,531	3,725	4,208	4,118
Unemployed (all civilian workers).....do.	2,816	2,831	3,400	3,182	2,869	2,958	2,839	2,710	2,628	3,406	3,794	3,733	3,552	3,384	4,669	4,510
Seasonally Adjusted †																
Civilian labor force.....do.			80,504	80,789	80,987	81,325	81,523	81,379	81,583	82,213	82,249	82,769	82,872	82,555	82,125	82,813
Employed, total.....do.			77,741	77,931	78,142	78,194	78,445	78,528	78,737	79,041	78,822	79,112	78,924	78,449	78,225	78,638
Nonagricultural employment.....do.			74,058	74,370	74,528	74,696	74,999	75,094	75,302	75,615	75,323	75,562	75,338	74,836	74,671	75,119
Agricultural employment.....do.			3,683	3,561	3,614	3,498	3,446	3,434	3,435	3,426	3,499	3,550	3,586	3,613	3,554	3,519
Unemployed (all civilian workers).....do.			2,763	2,858	2,845	3,131	3,078	2,851	2,846	3,172	3,427	3,657	3,948	4,106	3,900	4,175
Long-term, 15 weeks and over.....do.	412	375	385	400	385	392	363	389	392	409	465	545	569	612	685	711
Rates (unemployed in each group as percent of total in the group):†																
All civilian workers.....do.	3.6	3.5	3.4	3.5	3.5	3.8	3.8	3.5	3.5	3.9	4.2	4.4	4.8	5.0	4.7	5.0
Men, 20 years and over.....do.	2.2	2.1	2.0	2.2	2.1	2.4	2.3	2.1	2.2	2.5	2.8	2.9	3.2	3.5	3.5	3.7
Women, 20 years and over.....do.	3.8	3.7	3.7	3.7	3.8	3.9	3.8	3.6	3.5	3.6	4.1	4.5	4.4	5.1	4.5	5.0
Both sexes, 16-19 years.....do.	12.7	12.2	11.7	12.2	12.3	12.9	12.9	11.8	11.8	13.8	13.4	13.9	15.7	14.3	14.6	13.9
Married men.....do.	1.6	1.5	1.5	1.6	1.5	1.7	1.6	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.5	2.7
Negro and other races.....do.	6.7	6.4	6.8	6.5	6.4	6.7	6.6	6.2	5.7	6.3	7.0	7.1	8.7	8.0	8.7	8.3
White workers.....do.	3.2	3.1	3.0	3.2	3.2	3.5	3.5	3.2	3.2	3.6	3.8	4.1	4.3	4.6	4.2	4.7
Occupation: White-collar workers.....do.	2.0	2.1	2.1	2.2	2.2	2.2	2.4	2.1	2.1	2.1	2.3	2.7	2.9	2.8	2.6	3.1
Blue-collar workers.....do.	4.1	3.9	3.7	3.8	3.8	4.4	4.2	4.2	4.3	4.6	5.0	5.2	5.7	6.2	6.3	6.6
Industry of last job (nonagricultural):																
Private wage and salary workers.....do.	3.6	3.5	3.5	3.5	3.5	3.9	3.8	3.6	3.6	3.9	4.3	4.6	4.8	5.2	5.2	5.6
Construction.....do.	6.9	6.0	5.1	5.9	7.0	7.4	7.3	5.4	6.0	7.1	7.9	8.1	8.1	11.9	10.9	11.0
Manufacturing.....do.	3.3	3.3	3.3	3.2	2.9	3.7	3.6	3.7	3.8	3.8	4.6	4.7	4.7	5.2	5.3	6.0
Durable goods.....do.	3.0	3.0	3.2	3.1	2.3	3.2	3.2	3.6	3.7	3.8	4.7	4.8	4.9	4.9	5.1	5.9
EMPLOYMENT																
Employees on payrolls of nonagricultural estab.†																
Total, not adjusted for seasonal variation.....thous.	67,915	70,274	71,116	70,481	70,758	70,964	71,333	71,354	71,760	69,933	70,029	70,460	70,758	70,780	71,378	70,486
Seasonally Adjusted																
Total.....thous.	67,915	70,274	70,347	70,400	70,497	70,567	70,836	70,808	70,842	70,992	71,135	71,256	71,163	70,852	70,598	70,455
Mining.....do.	606	619	614	618	621	623	622	624	627	625	626	626	622	620	619	617
Contract construction.....do.	3,285	3,437	3,442	3,439	3,420	3,436	3,445	3,473	3,496	3,394	3,466	3,481	3,426	3,351	3,326	3,311
Manufacturing.....do.	19,781	20,169	20,248	20,247	20,246	20,252	20,233	20,082	20,082	20,018	19,937	19,944	19,795	19,572	19,473	19,400
Durable goods.....do.	11,626	11,893	11,957	11,955	11,950	11,968	11,965	11,782	11,773	11,679	11,625	11,648	11,529	11,386	11,295	11,226
Non-durable goods.....do.	8,155	8,277	8,291	8,292	8,296	8,284	8,268	8,300	8,309	8,339	8,312	8,296	8,266	8,196	8,178	8,174
Food and kindred products.....do.	1,782	1,796	1,792	1,795	1,801	1,799	1,780	1,806	1,805	1,817	1,830	1,823	1,805	1,805	1,797	1,791
Tobacco manufactures.....do.	85	82	82	81	86	83	81	80	77	80	80	81	81	81	81	81
Textile mill products.....do.	994	999	1,000	999	992	992	991	993	995	999	987	980	979	971	968	956
Apparel and other textile products.....do.	1,406	1,412	1,419	1,416	1,410	1,409	1,406	1,405	1,410	1,416	1,398	1,396	1,394	1,375	1,385	1,390
Paper and allied products.....do.	691	712	712	712	714	715	716	718	720	721	720	721	721	714	711	706
Printing and publishing.....do.	1,065	1,093	1,090	1,093	1,097	1,100	1,106	1,109	1,110	1,113	1,113	1,113	1,111	1,108	1,101	1,099
Chemicals and allied products.....do.	1,030	1,061	1,064	1,064	1,064	1,064	1,062	1,064	1,067	1,068	1,067	1,066	1,063	1,060	1,056	1,053
Petroleum and coal products.....do.	187	183	189	189	190	189	191	191	192	193	193	194	193	192	193	191
Rubber and plastics products, nec.....do.	561	594	596	597	597	596	596	596	594	595	591	589	585	548	564	577
Leather and leather products.....do.	355	345	347	346	345	337	339	338	339	337	333	333	334	332	332	330
Transportation, communication, electric, gas, and sanitary services.....thous.	4,310	4,431	4,445	4,454	4,457	4,459	4,463	4,464	4,469	4,507	4,496	4,502	4,468	4,478	4,498	4,507
Wholesale and retail trade.....do.	14,084	14,645	14,647	14,673	14,713	14,739	14,824	14,848	14,750	14,938	14,987	14,984	14,991	14,986	14,941	14,922
Wholesale trade.....do.	3,611	3,738	3,736	3,742	3,751	3,762	3,775	3,782	3,807	3,828	3,834	3,847	3,853	3,859	3,854	3,840
Retail trade.....do.	10,473	10,907	10,911	10,931	10,962	10,977	11,049	11,066	10,943	11,110	11,153	11,137	11,138	11,109	11,087	11,082
Finance, insurance, and real estate.....do.	3,382	3,557	3,556	3,567	3,580	3,584	3,596	3,611	3,626	3,648	3,652	3,665	3,673	3,677	3,672	3,676
Services.....do.	10,623	11,211	11,174	11,205	11,248	11,289	11,361	11,383	11,431	11,472	11,530	11,537	11,564	11,572	11,516	11,484
Government.....do.	11,845	12,204	12,221	12,197	12,212	12,185	12,292	12,323	12,361	12,390	12,441	12,517	12,624	12,614	12,553	12,538
Federal.....do.	2,737	2,758	2,782	2,765	2,749	2,747	2,739	2,730	2,721	2,717	2,718	2,780	2,852	2,781	2,663	2,633
State and local.....do.	9,109	9,446	9,439	9,432	9,463	9,438	9,553	9,593	9,640	9,673	9,723	9,737	9,772	9,833	9,890	9,905
Production workers on manufacturing payrolls:†																
Total, not seasonally adjusted.....thous.	14,514	14,768	14,958	14,700	15,014	15,041	14,953	14,763	14,680	14,402	14,346	14,385	14,240	14,061	14,253	13,948
Seasonally Adjusted																
Total.....thous.	14,514	14,768	14,844	14,839	14,826	14,826	14,794	14,638	14,638	14,573	14,489	14,512	14,389	14,180	14,135	14,100
Durable goods.....do.	8,457	8,648	8,707	8,706	8,698	8,713	8,703	8,522	8,516	8,425	8,367	8,409	8,318	8,186	8,136	8,099
Non-durable goods.....do.	192	184	188	187	181	174	170	168	164	156	155	151	143	141	137	133
Lumber and wood products.....do.	521	529	532	527	525	520	522	524	523	515	511	504	501	505	486	486
Furniture and fixtures.....do.	390	401	403	402	401	401	397	396	395	390	386	386	375	371	369	369
Stone, clay, and glass products.....do.	509	526	527	523	524	526	526	526	527	520	522	517	512	506	506	497
Primary metal industries.....do.	1,046	1,085	1,083	1,085	1,093	1,106	1,112	1,108	1,103,							

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

EMPLOYMENT—Continued																	
Seasonally Adjusted																	
Production workers on manufacturing payrolls—Continued†																	
Nondurable goods.....thous.	6,056	6,120	6,137	6,133	6,128	6,113	6,091	6,116	6,122	6,148	6,122	6,103	6,071	* 5,994	* 5,999	6,001	
Food and kindred products.....do	1,192	1,205	1,202	1,202	1,209	1,207	1,187	1,214	1,213	1,226	1,241	1,235	1,217	* 1,216	* 1,210	1,204	
Tobacco manufactures.....do	72	69	68	68	72	69	68	67	64	67	67	67	67	* 68	* 68	68	
Textile mill products.....do	881	881	883	883	874	874	872	873	874	878	867	861	860	* 852	* 842	841	
Apparel and other textile products.....do	1,240	1,241	1,246	1,243	1,238	1,236	1,234	1,233	1,238	1,242	1,226	1,223	1,221	* 1,206	* 1,214	1,222	
Paper and allied products.....do	536	552	552	552	552	554	554	554	557	558	557	558	556	* 551	* 550	545	
Printing and publishing.....do	667	682	680	681	683	685	689	690	691	691	690	690	687	* 681	* 679	675	
Chemicals and allied products.....do	610	622	626	625	623	621	619	619	620	619	616	613	610	* 606	* 604	604	
Petroleum and coal products.....do	118	113	118	118	118	118	118	118	118	119	119	119	118	* 118	* 119	118	
Rubber and plastics products, nec.....do	435	460	464	464	463	462	460	459	457	459	454	453	450	* 442	* 428	441	
Leather and leather products.....do	306	296	298	297	296	287	290	289	290	289	285	284	285	* 284	* 285	283	
HOURS AND MAN-HOURS																	
Seasonally Adjusted																	
Average weekly gross hours per production worker on payrolls of private nonagricultural estab.†																	
Mining.....hours	42.6	43.0	41.8	42.6	43.1	43.1	43.0	43.5	43.2	42.7	43.4	43.2	43.1	42.6	* 42.3	42.4	
Contract construction.....do	37.4	37.9	37.6	37.6	37.9	38.1	37.6	38.1	38.2	36.7	38.2	38.0	38.3	38.1	* 37.7	37.6	
Manufacturing: Not seasonally adjusted.....do	40.7	40.6	40.9	40.4	40.6	41.0	40.7	40.6	41.0	40.1	39.8	40.0	39.7	39.8	* 40.0	39.7	
Seasonally adjusted.....do			40.7	40.6	40.6	40.7	40.5	40.5	40.7	40.3	39.9	40.2	40.0	39.8	* 39.8	39.9	
Overtime hours.....do	3.6	3.6	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.3	3.2	3.2	3.0	2.9	* 3.1	3.0	
Durable goods.....do	41.4	41.3	41.3	41.3	41.2	41.4	41.2	41.1	41.3	41.0	40.5	40.7	40.4	* 40.3	* 40.5	40.5	
Overtime hours.....do	3.8	3.8	3.9	3.8	3.8	3.8	3.6	3.5	3.6	3.4	3.2	3.2	3.0	* 3.0	* 3.2	3.0	
Ordinance and accessories.....do	41.5	40.4	40.7	40.3	40.4	40.3	40.2	40.3	40.5	40.6	41.3	41.1	41.1	* 40.8	* 40.6	40.5	
Lumber and wood products.....do	40.6	40.2	40.1	39.8	39.9	40.0	39.9	40.2	40.3	39.6	40.1	39.5	39.8	* 39.7	* 39.4	39.4	
Furniture and fixtures.....do	40.6	40.4	40.6	40.2	40.3	40.1	39.9	40.0	40.0	39.5	39.3	39.4	39.3	38.8	* 38.8	38.4	
Stone, clay, and glass products.....do	41.8	42.0	41.9	41.7	41.9	41.9	41.7	41.8	42.1	41.7	41.7	41.8	41.6	41.3	* 41.2	41.5	
Primary metal industries.....do	41.6	41.8	41.7	41.7	41.9	42.1	42.1	41.6	41.7	41.2	40.9	40.7	40.1	40.2	* 40.4	40.4	
Fabricated metal products.....do	41.7	41.6	41.7	41.6	41.6	41.5	41.4	41.4	41.5	41.4	41.1	41.2	40.9	40.6	* 40.9	41.0	
Machinery, except electrical.....do	42.1	42.5	42.5	42.4	42.5	42.6	42.4	42.2	42.6	42.2	41.9	41.8	41.4	41.1	* 41.1	41.2	
Electrical equipment and supplies.....do	40.3	40.4	40.6	40.4	40.4	40.4	40.2	40.1	40.3	40.5	39.7	40.2	40.0	* 39.7	* 39.7	39.7	
Transportation equipment.....do	42.2	41.5	41.6	42.1	41.2	41.6	41.2	40.7	41.4	40.2	40.3	40.4	39.7	* 40.3	* 41.6	41.0	
Instruments and related products.....do	40.5	40.7	40.9	40.9	40.9	41.0	40.7	40.9	40.9	40.7	40.2	40.7	40.5	* 40.1	* 39.9	39.9	
Miscellaneous manufacturing ind.....do	39.4	39.0	39.1	39.2	39.1	39.0	38.9	38.9	39.3	39.3	38.6	39.0	39.0	38.7	* 38.6	38.9	
Nondurable goods.....do	39.8	39.7	39.7	39.8	39.7	39.7	39.6	39.6	39.8	39.6	39.3	39.4	39.4	39.1	* 39.0	39.2	
Overtime hours.....do	3.3	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.4	3.2	3.2	3.0	3.0	* 3.0	2.9	
Food and kindred products.....do	40.8	40.8	40.7	40.7	40.9	40.9	40.6	40.8	40.8	41.0	40.7	40.5	40.6	40.7	* 40.3	40.2	
Tobacco manufactures.....do	37.9	37.4	39.3	38.0	37.2	37.4	37.3	37.2	36.2	38.3	37.3	37.5	38.3	37.1	* 37.5	38.1	
Textile mill products.....do	41.2	40.8	41.1	41.1	40.9	40.7	40.6	40.7	40.9	40.4	40.1	40.2	40.6	39.8	* 39.9	40.4	
Apparel and other textile products.....do	36.1	35.9	36.1	36.0	35.9	35.8	35.8	36.0	35.6	35.5	35.5	35.6	35.5	35.1	* 35.2	35.6	
Paper and allied products.....do	42.9	43.0	43.0	43.0	42.9	42.9	42.8	42.7	42.8	42.8	42.3	42.2	42.1	* 41.8	* 41.7	41.7	
Printing and publishing.....do	38.3	38.4	38.4	38.5	38.4	38.3	38.2	38.4	38.6	38.2	38.0	38.0	37.9	37.7	* 37.7	37.8	
Chemicals and allied products.....do	41.8	41.8	41.8	41.8	41.8	41.8	41.7	41.8	41.8	42.0	41.8	41.8	41.4	41.5	* 41.4	41.4	
Petroleum and coal products.....do	42.5	42.6	42.3	42.8	42.8	42.2	42.6	42.6	42.3	42.5	42.7	42.2	41.9	* 42.5	* 42.6	42.7	
Rubber and plastics products, nec.....do	41.5	41.1	41.3	41.2	40.9	41.0	40.9	40.8	41.1	40.9	41.0	40.7	40.7	* 40.0	* 40.2	40.7	
Leather and leather products.....do	38.3	37.2	37.4	37.1	36.9	37.1	37.2	37.3	37.7	37.5	37.1	37.4	37.4	* 37.7	* 37.5	37.3	
Trans., comm., elec., gas, etc.*.....do	40.6	40.7	40.6	40.7	40.5	40.8	40.9	40.7	40.8	40.7	40.7	40.6	40.2	* 40.6	* 40.6	40.6	
Wholesale and retail trade.....do	36.0	35.6	35.7	35.7	35.7	35.6	35.5	35.5	35.5	35.4	35.4	35.3	35.3	35.4	* 35.4	35.5	
Wholesale trade.....do	40.1	40.2	40.0	40.0	40.3	40.3	40.3	40.3	40.5	40.3	40.2	40.1	40.1	* 40.1	* 40.0	40.0	
Retail trade.....do	34.7	34.2	34.3	34.2	34.2	34.1	34.0	34.0	33.8	33.8	33.7	33.8	33.7	* 33.9	* 33.9	34.0	
Finance, insurance, and real estate.....do	37.0	37.1	37.1	37.1	37.0	37.1	37.0	37.2	36.9	36.9	37.0	37.0	36.9	36.8	* 36.7	36.9	
Services*.....do	34.7	34.7	34.7	35.0	35.0	34.7	34.6	34.7	34.6	34.4	34.4	34.7	34.4	* 34.5	* 34.4	34.6	
Seasonally Adjusted																	
Man-hours in nonagric. estab., all employees, seasonally adjusted at annual rate.....bil. man-hours	134.77	139.09	139.26	139.50	139.75	139.76	139.90	139.97	140.25	139.44	139.70	140.21	139.74	* 139.05	* 138.33	138.48	
Man-hour indexes (aggregate weekly), industrial and construction industries, total†																	
1967-59=100.....	115.5	118.1	118.6	118.6	118.4	118.7	117.9	117.1	117.8	115.4	115.6	115.5	114.1	* 111.7	* 111.3	111.1	
Mining.....do	77.9	80.6	77.3	79.7	81.1	81.5	81.1	82.0	81.8	80.9	82.2	81.6	81.1	* 79.5	* 78.9	79.1	
Contract construction.....do	112.6	119.2	118.8	119.0	118.9	120.1	118.8	121.4	122.5	113.4	121.1	120.6	119.7	* 116.0	* 113.7	113.1	
Manufacturing.....do	118.0	119.8	120.6	120.5	120.2	120.3	119.6	118.1	118.7	117.5	116.1	116.3	114.7	* 112.6	* 112.5	112.4	
Durable goods.....do	123.5	126.0	127.1	127.0	126.6	127.1	126.4	123.3	124.1	121.8	120.0	120.8	118.5	* 116.3	* 116.3	115.6	
Ordinance and accessories.....do	223.7	208.6	215.3	212.0	205.7	197.3	192.3	190.5	186.9	178.2	180.1	174.6	165.4	* 161.9	* 156.5	151.6	
Lumber and wood products.....do	94.3	94.8	95.2	93.6	93.8	93.7	92.6	93.6	94.2	92.4	92.1	90.1	89.5	* 88.7	* 88.8	85.4	
Furniture and fixtures.....do	127.3	130.3	131.6	130.0	130.3	129.4	128.7	127.7	127.4	125.5	123.3	123.6	122.0	* 117.0	* 115.8	114.0	
Stone, clay, and glass products.....do	108.9	113.0	112.9	111.5	112.3	112.7	112.2	112.5	113.5	110.9	111.3	110.5	108.9	* 106.9	* 106.6	105.5	
Primary metal industries.....do	110.3	114.9	114.4	114.6	116.0	118.0	118.6	116.8	116.5	113.4	111.1	109.6	106.6	* 105.6	* 105.6	105.8	
Fabricated metal products.....do	126.5	130.7	131.3	131.3	131.4	131.2	129.8	129.7	130.5	129.0	126.9	126.9	125.0	* 121.9	* 122.5	124.0	
Machinery, except electrical.....do	133.2	138.2	138.8	138.1	137.8	139.3	139.1	137.8	139.8	137.7	136.5	136.2	133.4	* 129.9	* 128.2	128.1	
Electrical equipment and supplies.....do	143.0	145.7	148.9	148.9	148.1	148.5	148.5	136.3	136.0	135.7	140.8	143.0	141.3	* 138.2	* 137.2	137.2	
Transportation equipment.....do	122.4	121.5	123.3	125.0	122.8	123.6	121.7	116.1	116.9	112.0	104.7	110.4	107.4	* 106.8	* 109.8	107.7	
Instruments and related products.....do	126.6	131.4	132.7	132.7	132.7	132.1	130.7	130.9	130.9	128.3	127.3	128.9	128.3	125.7	* 123.7	122.9	
Misc																	

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July*	
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
WEEKLY AND HOURLY EARNINGS																	
Not Seasonally Adjusted																	
Avg. weekly gross earnings per prod. worker on payrolls of private nonagricultural estab.: †																	
Mining.....dollars..	142.71	154.80	150.59	154.37	156.96	158.41	159.78	161.08	160.64	159.05	160.60	160.27	163.35	162.26	163.50	162.64	
Contract construction.....do..	164.93	181.16	180.48	184.21	187.68	193.36	189.97	184.39	189.13	181.00	186.21	188.23	192.91	194.31	196.74	200.08	
Manufacturing establishments.....do..	122.51	129.51	130.06	128.88	129.92	132.84	132.28	132.36	134.89	131.93	130.94	132.40	131.80	132.93	134.40	133.39	
Durable goods.....do..	132.07	140.01	139.86	138.24	139.33	143.45	142.83	142.55	145.53	142.04	140.24	142.51	141.50	143.07	145.30	142.76	
Ordinance and accessories.....do..	135.29	138.17	139.94	135.72	137.89	140.48	140.24	143.32	143.91	144.73	144.43	145.66	146.06	146.47	145.71	144.80	
Lumber and wood products.....do..	104.34	110.15	110.43	109.18	112.16	114.45	114.05	114.11	113.88	110.65	111.90	112.97	114.62	117.09	118.90	114.76	
Furniture and fixtures.....do..	100.28	105.85	106.90	104.01	107.71	109.08	108.81	108.81	110.57	105.42	104.49	105.96	105.65	105.88	107.64	104.60	
Stone, clay, and glass products.....do..	124.98	133.98	134.51	133.34	136.53	137.80	137.67	137.85	137.76	134.15	134.15	137.12	139.03	140.27	141.44	141.86	
Primary metal industries.....do..	147.68	158.42	158.34	157.66	160.51	162.93	160.55	159.39	161.38	159.42	157.08	157.49	156.35	157.56	159.54	157.17	
Fabricated metal products.....do..	131.77	138.94	139.86	137.20	139.28	143.14	141.36	141.86	143.79	141.45	140.48	142.33	142.10	143.26	145.49	143.72	
Machinery, except electrical.....do..	141.46	152.15	152.08	148.81	149.94	155.00	155.61	154.87	160.33	156.14	155.87	157.88	155.25	154.95	154.91	153.03	
Electrical equip. and supplies.....do..	118.08	124.84	125.36	122.98	124.93	127.39	126.45	126.77	129.65	128.15	127.04	129.92	128.30	129.49	131.34	130.20	
Transportation equipment.....do..	155.72	161.85	160.58	162.24	158.76	166.66	165.51	165.17	170.49	161.20	157.21	160.40	156.80	164.02	170.98	164.84	
Instruments and related products.....do..	120.69	128.21	128.74	126.77	128.21	131.43	131.29	132.75	134.23	132.03	131.45	133.50	132.59	132.00	132.40	131.93	
Miscellaneous manufacturing ind.....do..	98.50	103.74	103.88	101.64	103.22	105.06	105.72	106.90	109.02	108.25	108.64	109.20	108.64	108.47	109.13	106.96	
Nondurable goods.....do..	109.05	115.53	115.31	116.22	116.51	118.00	117.51	118.21	119.60	117.99	117.69	118.78	118.56	118.95	119.95	121.13	
Food and kindred products.....do..	114.24	120.77	120.66	122.36	121.72	124.15	121.29	123.41	124.64	124.74	123.20	124.00	124.49	127.98	127.58	129.02	
Tobacco manufactures.....do..	93.99	97.99	111.72	104.15	93.38	97.89	96.11	97.73	98.26	106.39	106.64	105.56	110.56	110.03	115.06	113.48	
Textile mill products.....do..	91.05	95.47	95.63	95.65	97.58	98.81	98.57	99.46	99.95	96.80	96.80	97.04	96.56	96.47	98.09	97.20	
Apparel and other textile products.....do..	79.78	82.93	83.49	81.85	83.85	83.77	83.77	83.77	84.37	83.07	83.78	84.85	83.90	82.84	84.25	84.49	
Paper and allied products.....do..	130.85	139.32	139.21	140.61	141.37	143.32	142.66	142.43	144.29	142.04	140.37	140.70	140.53	142.12	142.96	144.28	
Printing and publishing.....do..	133.28	141.70	141.31	141.31	142.82	144.75	144.77	145.15	148.59	143.26	144.02	145.92	145.15	145.89	147.03	147.03	
Chemicals and allied products.....do..	136.27	145.05	144.63	145.53	145.95	147.14	148.04	149.52	150.36	150.12	149.76	150.48	150.18	151.42	152.35	154.05	
Petroleum and coal products.....do..	159.38	170.40	169.58	175.71	171.17	172.10	173.77	175.07	170.97	176.40	176.81	176.81	179.77	181.90	180.62	186.18	
Rubber and plastics products, nec.....do..	121.18	126.18	125.97	126.07	126.28	129.90	128.86	128.64	130.31	128.21	127.48	127.26	127.35	123.29	125.83	128.96	
Leather and leather products.....do..	85.41	87.79	88.83	87.52	87.19	87.88	88.80	90.51	93.45	92.74	92.38	91.64	90.02	93.38	94.37	93.25	
Trans., comm., elec., gas, etc.*.....do..	138.85	147.74	147.33	150.02	149.74	152.11	151.70	152.15	151.78	151.07	151.88	150.75	149.25	153.12	155.88	157.85	
Wholesale and retail trade.....do..	86.40	91.14	91.55	93.08	93.70	92.46	92.13	92.58	93.18	93.02	93.80	93.80	94.50	96.12	98.01	98.01	
Wholesale trade.....do..	122.31	129.85	129.92	130.17	131.22	132.18	132.59	133.87	135.94	134.67	135.20	136.00	135.66	136.06	136.34	137.42	
Retail trade.....do..	74.95	78.66	79.58	80.96	81.19	79.69	79.20	79.30	80.14	79.49	79.92	80.49	80.25	81.41	83.11	85.40	
Finance, insurance, and real estate.....do..	101.75	108.33	108.70	107.96	108.04	108.41	109.45	111.23	110.26	111.44	112.48	112.85	111.81	111.57	111.57	112.55	
Services*.....do..	84.32	91.26	90.83	92.84	92.49	92.38	92.81	94.11	94.11	93.98	95.01	96.81	95.70	96.04	96.95	98.07	
Average hourly gross earnings per production worker on payrolls of nonagricultural estab.: †																	
Mining.....dollars..	3.35	3.60	3.56	3.59	3.60	3.65	3.69	3.72	3.71	3.76	3.77	3.78	3.79	3.80	3.82	3.80	
Contract construction.....do..	4.41	4.78	4.70	4.76	4.80	4.92	4.96	4.97	5.03	5.07	5.06	5.06	5.09	5.10	5.11	5.17	
Manufacturing.....do..	3.01	3.19	3.18	3.19	3.20	3.24	3.25	3.26	3.29	3.29	3.29	3.31	3.32	3.34	3.36	3.36	
Excluding overtime.....do..	2.88	3.06	3.04	3.06	3.06	3.09	3.11	3.12	3.15	3.17	3.17	3.19	3.21	3.22	3.23	3.24	
Durable goods.....do..	3.19	3.39	3.37	3.38	3.39	3.44	3.45	3.46	3.49	3.49	3.48	3.51	3.52	3.55	3.57	3.56	
Excluding overtime.....do..	3.05	3.24	3.22	3.24	3.24	3.28	3.29	3.31	3.34	3.36	3.36	3.38	3.40	3.42	3.44	3.44	
Ordinance and accessories.....do..	3.26	3.42	3.43	3.41	3.43	3.46	3.48	3.53	3.51	3.53	3.54	3.57	3.58	3.59	3.58	3.62	
Lumber and wood products.....do..	2.57	2.74	2.72	2.75	2.79	2.84	2.83	2.86	2.84	2.83	2.84	2.86	2.88	2.92	2.98	2.92	
Furniture and fixtures.....do..	2.47	2.62	2.62	2.62	2.64	2.68	2.68	2.70	2.71	2.71	2.70	2.71	2.73	2.75	2.76	2.76	
Stone, clay, and glass products.....do..	2.99	3.19	3.18	3.19	3.22	3.25	3.27	3.29	3.28	3.28	3.28	3.32	3.35	3.38	3.40	3.41	
Primary metal industries.....do..	3.55	3.79	3.77	3.79	3.84	3.87	3.85	3.85	3.87	3.86	3.85	3.86	3.87	3.90	3.92	3.90	
Fabricated metal products.....do..	3.16	3.34	3.33	3.33	3.34	3.40	3.39	3.41	3.44	3.45	3.46	3.48	3.50	3.52	3.54	3.54	
Machinery, except electrical.....do..	3.36	3.58	3.57	3.56	3.57	3.63	3.67	3.67	3.72	3.70	3.72	3.75	3.75	3.77	3.76	3.76	
Electrical equip. and supplies.....do..	2.93	3.09	3.08	3.09	3.10	3.13	3.13	3.13	3.17	3.18	3.20	3.24	3.24	3.27	3.30	3.33	
Transportation equipment.....do..	3.69	3.90	3.86	3.90	3.92	3.94	3.95	3.98	4.04	4.02	3.97	4.01	4.00	4.06	4.11	4.07	
Instruments and related products.....do..	2.98	3.15	3.14	3.13	3.15	3.19	3.21	3.23	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.34	
Miscellaneous manufacturing ind.....do..	2.50	2.66	2.65	2.64	2.64	2.68	2.69	2.72	2.76	2.79	2.80	2.80	2.80	2.81	2.82	2.80	
Nondurable goods.....do..	2.74	2.91	2.89	2.92	2.92	2.95	2.96	2.97	2.99	3.01	3.01	3.03	3.04	3.05	3.06	3.09	
Excluding overtime.....do..	2.63	2.79	2.77	2.80	2.80	2.82	2.84	2.85	2.87	2.90	2.90	2.92	2.93	2.94	2.95	2.98	
Food and kindred products.....do..	2.80	2.96	2.95	2.97	2.94	2.97	2.98	3.01	3.04	3.08	3.08	3.10	3.12	3.16	3.15	3.17	
Tobacco manufactures.....do..	2.48	2.62	2.80	2.77	2.49	2.51	2.49	2.62	2.67	2.86	2.89	2.90	2.98	2.99	3.02	3.01	
Textile mill products.....do..	2.21	2.34	2.31	2.35	2.38	2.41	2.41	2.42	2.42	2.42	2.42	2.42	2.42	2.43	2.44	2.43	
Apparel and other textile products.....do..	2.21	2.31	2.30	2.28	2.31	2.34	2.34	2.34	2.35	2.36	2.36	2.37	2.37	2.36	2.38	2.38	
Paper and allied products.....do..	3.05	3.24	3.23	3.27	3.28	3.31	3.31	3.32	3.34	3.35	3.35	3.35	3.37	3.40	3.42	3.46	
Printing and publishing.....do..	3.48	3.69	3.68	3.68	3.70	3.75	3.77	3.78	3.81	3.80	3						

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	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
HELP-WANTED ADVERTISING																	
Seasonally adjusted index†.....1957-59=100..	206	228	228	227	224	235	227	222	217	203	203	194	186	180	175		
LABOR TURNOVERΔ																	
Manufacturing establishments:																	
Unadjusted for seasonal variation:																	
Accession rate, total																	
mo. rate per 100 employees..	4.6	4.7	6.6	5.1	5.6	5.9	5.0	3.6	2.9	4.0	3.6	3.7	3.7	4.2	5.4		
New hires.....do.....	3.5	3.7	5.4	3.9	4.3	4.8	4.0	2.8	2.1	2.9	2.5	2.6	2.6	2.8	4.0		
Separation rate, total.....do.....	4.6	4.9	4.6	5.3	6.2	6.6	5.3	4.3	4.2	4.8	4.3	4.5	4.8	4.6	4.4		
Quit.....do.....	2.5	2.7	2.6	2.6	4.0	4.4	2.9	2.1	1.6	2.1	1.9	1.9	2.1	2.1	2.1		
Layoff.....do.....	1.2	1.2	1.0	1.6	1.1	1.1	1.3	1.3	1.8	1.7	1.6	1.6	1.7	1.5	1.3		
Seasonally adjusted:																	
Accession rate, total.....do.....			4.9	4.7	4.5	4.8	4.7	4.4	4.6	4.2	4.3	3.9	4.0	4.2	4.0		
New hires.....do.....			3.8	3.8	3.5	3.8	3.6	3.4	3.5	3.3	3.1	3.0	2.8	2.7	2.8		
Separation rate, total.....do.....			5.0	4.9	5.0	4.8	5.0	4.8	4.5	5.0	5.1	5.0	5.2	5.0	4.8		
Quit.....do.....			2.8	2.7	2.8	2.6	2.7	2.6	2.5	2.5	2.4	2.2	2.2	2.1	2.2		
Layoff.....do.....			1.2	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.7	1.8	2.0	1.9	1.6		
INDUSTRIAL DISPUTES																	
Strikes and lockouts:																	
Beginning in period:																	
Work stoppages.....number.....	5,045	5,700	565	528	538	554	531	324	196	260	290	390	600	750	600		
Workers involved.....thous.....	2,649	2,481	215	255	191	186	337	131	51	55	106	294	2319	2309	212		
In effect during month:																	
Work stoppages.....number.....			911	883	915	904	850	611	446	420	460	570	810	960	840		
Workers involved.....thous.....			500	462	395	274	421	368	276	233	296	364	2385	2470	428		
Man-days idle during period.....do.....	49,018	42,869	4,723	4,311	3,634	2,193	3,168	4,308	3,882	3,730	1,820	2,230	2,4181	2,7516	5,040		
EMPLOYMENT SERVICE AND UNEMPLOYMENT INSURANCE																	
Nonfarm placements.....thous.....																	
Unemployment insurance programs:																	
Insured unemployment, all programs \$.....do.....	1,187	1,177	911	1,088	1,015	902	929	1,105	1,464	1,957	1,988	1,916	1,885	1,778			
State programs:																	
Initial claims.....do.....	10,463	10,385	710	1,105	731	655	745	866	1,363	1,529	1,169	1,078	1,333	1,010			
Insured unemployment, weekly avg.....do.....	1,111	1,101	852	1,021	948	840	864	1,030	1,375	1,847	1,874	1,798	1,770	1,667			
Percent of covered employment:⊙																	
Unadjusted.....	2.2	2.1	1.7	2.0	1.8	1.6	1.6	2.0	2.7	3.6	3.6	3.5	3.4	3.2			
Seasonally adjusted.....			2.1	2.2	2.2	2.2	2.2	2.3	2.5	2.5	2.6	2.7	3.2	3.6			
Beneficiaries, weekly average.....thous.....	936	923	744	788	832	706	686	763	1,020	1,459	1,629	1,581	1,533	1,462			
Benefits paid.....mil. \$.....	2,031.6	2,127.9	135.0	159.2	156.7	136.2	139.5	136.6	214.3	299.4	310.8	331.1	320.2	292.9			
Federal employees, insured unemployment, weekly average.....thous.....																	
Veterans' program (UCX):																	
Initial claims.....do.....	289	333	26	32	27	26	29	30	39	44	38	42	45	38			
Insured unemployment, weekly avg.....do.....	32	37	30	36	37	32	32	38	48	61	66	69	70	70			
Beneficiaries, weekly average.....do.....	29	34	27	31	35	30	28	32	42	55	61	66	67	67			
Benefits paid.....mil. \$.....	69.2	87.0	5.5	6.9	7.2	6.5	6.3	6.2	9.5	12.0	12.0	14.2	14.6	14.0			
Railroad program:																	
Applications.....thous.....	139	100	11	17	7	6	10	5	5	9	4	9	8				
Insured unemployment, weekly avg.....do.....	20	17	11	13	13	13	15	14	17	20	18	19	17	14			
Benefits paid.....mil. \$.....	40.4	37.0	2.0	2.1	2.4	2.5	2.9	2.5	3.2	4.1	3.4	3.7	3.6				

FINANCE

BANKING																	
Open market paper outstanding, end of period:																	
Bankers' acceptances.....mil. \$.....	4,428	5,451	4,880	4,991	5,145	5,232	5,256	5,212	5,451	5,288	5,249	5,352	5,614	5,801	5,849		
Commercial and finance co. paper, total.....do.....	20,497	31,624	26,007	28,341	29,515	29,663	31,881	33,551	31,624	34,277	35,935	37,079	37,811	39,589	37,676		
Placed through dealers.....do.....	7,201	11,817	10,159	10,352	11,309	11,871	12,086	12,524	11,817	12,038	12,875	13,634	13,735	13,952	12,933		
Placed directly (finance paper).....do.....	13,296	19,807	15,848	17,989	18,206	17,792	19,795	21,027	19,807	22,239	23,060	23,445	24,146	25,637	24,683		
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																	
Total, end of period.....mil. \$.....	11,748	13,204	12,941	12,854	12,841	12,996	12,819	12,803	13,204	13,388	13,597	13,826	14,032	14,190	14,353		
Farm mortgage loans:																	
Federal land banks.....do.....	6,126	6,714	6,557	6,605	6,645	6,676	6,700	6,704	6,714	6,738	6,777	6,833	6,891	6,942	6,995		
Loans to cooperatives.....do.....	1,577	1,732	1,594	1,594	1,573	1,585	1,680	1,705	1,732	1,804	1,844	1,840	1,828	1,796	1,749		
Other loans and discounts.....do.....	4,044	4,758	4,790	4,655	4,624	4,736	4,439	4,394	4,758	4,846	4,975	5,154	5,313	5,452	5,609		
Bank debts to demand deposit accounts, except interbank and U.S. Government accounts, annual rates, seasonally adjusted:																	
Total (233 SMSA's)⊙.....bil. \$.....			9,384.8	9,242.8	9,430.1	9,737.2	9,527.0	9,484.4	9,560.4	9,547.5	9,793.6	9,842.9	10,163.2	10,018.3	10,143.9		
New York SMSA.....do.....			4,155.7	3,908.6	4,148.4	4,311.5	4,127.6	4,207.5	4,198.2	4,054.0	4,232.1	4,336.7	4,422.0	4,249.4	4,366.0		
Total 232 SMSA's (except N.Y.).....do.....			5,229.1	5,334.2	5,281.7	5,425.7	5,399.3	5,276.9	5,362.2	5,493.5	5,561.4	5,506.2	5,741.3	5,768.9	5,777.9		
6 other leading SMSA's†.....do.....			2,164.4	2,244.4	2,242.8	2,249.6	2,254.7	2,224.8	2,212.9	2,277.4	2,309.1	2,291.4	2,417.9	2,460.0	2,443.3		
226 other SMSA's.....do.....			3,064.7	3,089.8	3,038.9	3,176.2	3,144.7	3,052.1	3,149.3	3,216.1	3,252.2	3,214.8	3,323.3	3,309.0	3,334.6		
Federal Reserve banks, condition, end of period:																	
Assets, total ⊙.....mil. \$.....	78,972	84,050	80,516	79,473	80,281	80,285	81,919	84,315	84,050	83,133	83,283	82,709	84,690	84,024	84,102	84,726	
Reserve bank credit outstanding, total ⊙.....do.....																	
Discounts and advances.....do.....	56,614	60,841	56,601	57,454	58,626	56,948	59,592	61,603	60,841	59,931	59,595	59,348	60,729	61,683	60,728	62,343	
U.S. Government securities.....do.....	188	183	1,049	750	1,514	928	1,690	1,531	183	1,565	1,148	684	545	1,451	420	1,292	
Gold certificate account.....do.....	52,937	57,154	54,095	54,138	54,911	54,134	55,515	57,318	57,154	55,709	55,823	55,785	56,508	57,307	57,714	58,597	
Gold certificate account.....do.....	10,026	10,036	10,027	10,027	10,027	10,036	10,036	10,036	10,036	11,036	11,045	11,045	11,045	11,045	11,045	11,045	

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	End of year		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FINANCE—Continued																
BANKING—Continued																
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$	127,221	128,031	27,317	26,980	27,079	26,971	27,340	27,764	28,031	28,858	27,976	27,473	28,096	27,910	27,567	28,100
Required.....do.....	126,766	127,774	26,974	26,864	26,776	26,735	27,197	27,511	27,774	28,692	27,703	27,358	27,978	27,729	27,380	27,994
Excess.....do.....	1455	1257	343	116	303	236	143	253	257	166	273	115	118	181	187	106
Borrowings from Federal Reserve banks.....do.....	1765	11,086	1,407	1,190	1,249	1,067	1,135	1,241	1,086	965	1,092	896	822	976	888	1,358
Free reserves.....do.....	1-310	1-829	-1,064	-1,074	-946	-831	-992	-988	-829	-799	-819	-781	-704	-795	-701	-1,252
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.†																
Deposits:																
Demand, adjusted ¹.....mil. \$	88,879	2 90,288	2 78,210	78,126	79,445	80,556	79,646	79,342	90,288	81,666	78,320	84,189	80,542	77,923	81,160	79,857
Time, total ².....do.....	144,249	2 150,897	2 136,493	127,148	129,567	135,023	131,706	135,725	150,897	131,847	131,911	141,131	131,784	134,000	139,086	128,669
Individuals, partnerships, and corp. ....do.....	102,790	2 105,605	2 94,149	90,091	91,904	92,621	90,846	93,110	105,605	92,210	90,334	97,063	91,703	91,532	95,254	91,029
State and local governments.....do.....	7,671	2 7,942	2 6,701	6,231	6,361	6,952	5,788	6,452	7,942	6,371	6,323	6,849	6,447	6,289	7,653	5,695
U.S. Government.....do.....	3,437	2 2,989	2 3,654	3,382	1,228	3,879	4,754	3,908	2,989	4,474	5,473	4,119	4,281	3,440	5,112	4,887
Domestic commercial banks.....do.....	19,060	2 20,801	2 18,995	16,127	18,183	17,613	17,070	18,951	20,801	16,239	16,995	18,952	16,407	18,960	18,802	17,072
Time, total ².....do.....	112,163	2 96,589	2 103,138	100,601	98,580	97,977	97,170	96,167	96,589	95,017	95,620	98,229	99,282	99,537	101,580	106,495
Individuals, partnerships, and corp. ....do.....	49,149	2 46,490	2 47,573	46,952	46,653	46,711	46,376	46,318	46,490	45,820	45,633	46,221	45,892	46,122	46,425	46,344
Savings.....do.....	45,076	2 36,502	2 40,910	39,740	38,588	38,026	37,327	36,547	36,502	35,632	35,648	36,523	36,762	37,024	38,498	41,852
Other time.....do.....																
Loans (adjusted), total ³.....do.....	161,820	2 175,756	2 170,476	168,039	166,456	168,814	167,504	168,748	175,756	167,718	167,600	170,963	168,511	167,724	172,560	171,862
Commercial and industrial.....do.....	74,149	2 81,491	2 78,567	77,629	76,669	78,440	77,649	78,310	81,491	78,020	78,215	79,010	78,907	78,010	80,110	79,348
For purchasing or carrying securities.....do.....	9,563	2 7,811	2 7,564	7,276	7,727	6,588	6,261	6,521	7,811	5,964	6,246	7,195	6,497	6,094	5,973	5,919
To nonbank financial institutions.....do.....	11,872	2 13,148	2 11,957	10,950	11,138	11,376	10,818	11,000	13,148	11,253	11,066	11,658	11,115	11,034	12,903	12,981
Real estate loans.....do.....	32,106	2 33,617	2 33,239	33,288	33,535	33,676	33,951	34,097	33,617	33,680	33,488	33,458	33,385	33,419	33,496	33,597
Other loans.....do.....	40,619	2 44,177	2 45,022	44,662	44,415	45,093	44,602	44,439	44,177	45,771	44,909	46,648	44,845	45,480	47,393	45,595
Investments, total.....do.....	68,324	2 59,536	2 60,169	60,078	59,427	58,066	58,617	59,272	59,536	57,580	57,048	60,566	60,867	60,572	60,346	61,169
U.S. Government securities, total.....do.....	29,358	2 23,853	2 22,817	23,469	23,336	22,190	23,349	23,668	23,853	22,435	21,534	23,616	22,878	22,662	22,035	23,283
Notes and bonds.....do.....	24,038	2 19,789	2 21,383	21,140	21,118	20,557	20,103	20,045	19,789	19,542	19,384	19,387	19,455	20,175	19,945	19,632
Other securities.....do.....	38,966	2 35,683	2 37,352	36,609	36,091	35,876	35,268	35,604	35,683	35,145	35,514	36,950	37,989	37,910	38,311	37,884
Commercial bank credit (last Wed. of mo., except for June 30 and Dec. 31 call dates), seas. adj.:																
Total loans and investments ⁴.....bil. \$	384.6	2 401.3	2 397.3	397.7	397.5	396.5	396.7	401.2	401.3	398.5	399.7	400.9	402.9	404.9	405.1	410.7
Loans ⁵.....do.....	251.6	2 278.1	2 269.2	269.9	270.3	271.3	273.8	276.4	278.1	276.6	278.5	277.6	276.6	277.1	276.2	279.9
U.S. Government securities.....do.....	61.5	2 51.9	2 56.3	56.8	56.9	54.7	53.5	53.4	51.9	50.4	49.8	50.3	52.3	53.3	54.1	55.5
Other securities.....do.....	71.5	2 71.3	2 71.8	71.0	70.3	70.5	70.3	71.4	71.3	71.5	71.4	73.0	74.0	74.4	74.8	75.3
Money and interest rates: \$																
Bank rates on short-term business loans:																
In 35 centers.....percent per annum.....	3 6.68	3 8.21			8.82			8.83			8.86			8.49		
New York City.....do.....	3 6.45	3 8.02			8.65			8.66			8.65			8.24		
7 other northeast centers.....do.....	3 7.01	3 8.53			9.14			9.21			9.23			8.86		
8 north central centers.....do.....	3 6.72	3 8.24			8.85			8.83			8.86			8.44		
7 southeast centers.....do.....	3 6.50	3 7.93			8.46			8.58			8.67			8.44		
8 southwest centers.....do.....	3 6.66	3 8.19			8.85			8.79			8.87			8.61		
4 west coast centers.....do.....	3 6.64	3 8.18			8.75			8.81			8.84			8.42		
Discount rate (N.Y.F.R. Bank), end of year or month.....percent.....	5.50	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Federal intermediate credit bank loans.....do.....	3 6.41	3 7.23	7.02	7.26	7.51	7.69	7.81	7.93	8.15	8.46	8.69	8.76	8.75	8.67	8.66	
Home mortgage rates (conventional 1st mortgages):																
New home purchase (U.S. avg.).....percent.....	3 6.83	3 7.66	7.62	7.76	7.86	7.89	7.98	7.97	8.07	8.16	8.23	8.29	8.24	8.28	8.30	
Existing home purchase (U.S. avg.).....do.....	3 6.90	3 7.68	7.64	7.79	7.90	7.92	7.98	8.00	8.08	8.13	8.23	8.26	8.19	8.18	8.18	
Open market rates, New York City:																
Bankers' acceptances (prime, 90 days).....do.....	4 5.75	4 7.61	7.99	8.39	8.04	8.14	8.17	8.18	8.58	8.64	8.30	7.60	7.54	8.02	7.78	7.61
Commercial paper (prime, 4-6 months).....do.....	4 5.90	4 7.83	8.23	8.65	8.33	8.48	8.56	8.46	8.84	8.78	8.55	8.33	8.06	8.23	8.21	8.29
Finance Co. paper placed directly, 3-6 mo. ....do.....	4 5.69	4 7.16	7.25	7.89	7.71	7.61	7.66	7.92	7.93	8.14	8.01	7.68	7.26	7.43	7.55	7.64
Stock Exchange call loans, going rate.....do.....	4 6.33	4 7.96	8.31	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.00	8.00	8.00	8.00
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue).....percent.....	4 5.339	4 6.677	6.493	7.004	7.007	7.129	7.040	7.193	7.720	7.914	7.164	6.710	6.480	7.035	6.742	6.468
3-5 year issues.....do.....	4 5.59	4 6.85	6.64	7.02	7.08	7.58	7.47	7.57	7.98	8.14	7.80	7.20	7.49	7.97	7.86	7.58
CONSUMER CREDIT																
(Short- and intermediate-term)																
Total outstanding, end of year or month.....mil. \$	113,191	122,469	115,995	116,597	117,380	118,008	118,515	119,378	122,469	121,074	120,077	119,698	120,402	121,346	122,542	
Installment credit, total.....do.....	89,890	98,169	93,087	93,833	94,732	95,356	95,850	96,478	98,169	97,402	96,892	96,662	97,104	97,706	98,699	
Automobile paper.....do.....	34,130	36,602	35,804	36,081	36,245	36,321	36,599	36,650	36,602	36,291	36,119	36,088	36,264	36,455	36,809	
Other consumer goods paper.....do.....	24,899	27,609	24,956	25,172	25,467	25,732	25,855	26,223	27,609	27,346	26,987	26,814	26,850	27,055	27,303	
Repair and modernization loans.....do.....	3,925	4,040	4,022	4,039	4,063	4,096	4,084	4,076	4,040	3,991	3,970	3,951	3,960	4,003	4,040	
Personal loans.....do.....	26,936	29,918	28,305	28,541	28,957	29,207	29,312	29,529	29,918	29,774	29,816	29,809	30,030	30,193	30,547	
By type of holder:																
Financial institutions, total.....do.....	77,457	84,982	81,388	82,130	82,910											

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	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
FINANCE—Continued																	
CONSUMER CREDIT—Continued																	
Outstanding credit—Continued																	
Noninstallment credit, total.....mil. \$.	23,301	24,300	22,908	22,764	22,648	22,652	22,665	22,900	24,300	23,672	23,185	23,036	23,298	23,640	23,843	-----	
Single-payment loans, total.....do.	9,138	9,096	9,227	9,120	9,073	9,075	9,025	9,000	9,096	9,092	9,074	9,054	9,102	9,159	9,239	-----	
Commercial banks.....do.	7,975	7,900	8,031	7,946	7,879	7,882	7,837	7,795	7,900	7,887	7,857	7,843	7,892	7,925	8,005	-----	
Other financial institutions.....do.	1,163	1,196	1,196	1,174	1,194	1,193	1,188	1,205	1,196	1,205	1,217	1,211	1,210	1,234	1,234	-----	
Charge accounts, total.....do.	7,755	8,234	7,002	7,039	6,988	7,005	7,085	7,238	8,234	7,539	6,789	6,645	6,900	7,273	7,473	-----	
Retail outlets.....do.	6,450	6,650	5,574	5,541	5,438	5,448	5,568	5,685	6,650	5,932	5,210	5,062	5,289	5,633	5,765	-----	
Credit cards.....do.	1,305	1,584	1,428	1,498	1,550	1,557	1,517	1,553	1,584	1,607	1,579	1,583	1,611	1,640	1,708	-----	
Service credit.....do.	6,408	6,970	6,679	6,605	6,587	6,572	6,555	6,662	6,970	7,041	7,322	7,337	7,296	7,208	7,131	-----	
Installment credit extended and repaid:																	
Unadjusted:																	
Extended, total.....do.	97,053	102,888	9,169	8,920	8,604	8,485	8,797	8,173	10,096	7,490	7,106	8,243	8,773	8,857	9,534	-----	
Automobile paper.....do.	31,424	32,354	3,045	2,828	2,593	2,566	2,939	2,433	2,479	2,130	2,214	2,584	2,776	2,696	3,023	-----	
Other consumer goods paper.....do.	30,593	33,079	2,832	2,778	2,764	2,794	2,805	2,817	4,004	2,663	2,275	2,725	2,792	3,008	3,019	-----	
All other.....do.	35,036	37,455	3,292	3,314	3,247	3,125	3,053	2,923	3,613	2,697	2,617	2,934	3,205	3,153	3,492	-----	
Repaid, total.....do.	88,089	94,609	7,895	8,174	7,705	7,861	8,303	7,545	8,405	8,257	7,616	8,473	8,331	8,255	8,541	-----	
Automobile paper.....do.	28,018	29,882	2,471	2,551	2,429	2,490	2,661	2,382	2,527	2,441	2,386	2,615	2,600	2,505	2,669	-----	
Other consumer goods paper.....do.	28,089	30,369	2,512	2,562	2,469	2,529	2,682	2,449	2,618	2,926	2,634	2,898	2,756	2,803	2,771	-----	
All other.....do.	31,982	34,358	2,912	3,061	2,807	2,842	2,960	2,714	3,260	2,890	2,596	2,960	2,975	2,947	3,101	-----	
Seasonally adjusted:																	
Extended, total.....do.	-----	-----	8,705	8,521	8,680	8,669	8,661	8,632	8,344	8,521	8,625	8,392	8,491	9,004	8,683	-----	
Automobile paper.....do.	-----	-----	2,725	2,582	2,634	2,794	2,808	2,683	2,472	2,479	2,536	2,496	2,571	2,595	2,587	-----	
Other consumer goods paper.....do.	-----	-----	2,869	2,777	2,819	2,740	2,707	2,841	2,838	2,925	3,018	2,922	2,843	3,183	2,925	-----	
All other.....do.	-----	-----	3,111	3,162	3,227	3,135	3,146	3,108	3,034	3,117	3,071	2,974	3,077	3,226	3,171	-----	
Repaid, total.....do.	-----	-----	7,910	7,899	8,080	7,971	7,992	8,012	7,929	8,141	8,207	8,194	8,195	8,589	8,242	-----	
Automobile paper.....do.	-----	-----	2,460	2,471	2,562	2,498	2,463	2,503	2,499	2,469	2,550	2,501	2,527	2,600	2,573	-----	
Other consumer goods paper.....do.	-----	-----	2,602	2,511	2,574	2,600	2,615	2,623	2,552	2,722	2,761	2,792	2,729	2,888	2,750	-----	
All other.....do.	-----	-----	2,848	2,917	2,944	2,873	2,914	2,886	2,878	2,950	2,896	2,901	2,939	3,101	2,919	-----	
FEDERAL GOVERNMENT FINANCE																	
Budget receipts, expenditures, and net lending: †																	
Expenditure account:																	
Receipts (net).....mil. \$.	12 153,671	12 187,792	23,805	12,553	15,009	20,412	11,811	14,336	16,709	16,297	14,938	13,119	22,029	13,982	22,649	-----	
Expenditure (excl. net lending).....do.	12 172,802	12 183,080	13,895	15,553	16,800	17,174	17,580	15,229	15,237	16,558	14,999	16,294	17,844	16,333	15,364	-----	
Expend. acct. surplus or deficit (—).....do.	12 -19,131	12 4,712	9,910	-3,001	-1,791	3,239	-5,769	-894	1,472	-261	-61	-3,175	4,186	-2,351	7,282	-----	
Loan account:																	
Net lending.....do.	12 -6,030	12 -1,476	373	-152	-316	-448	-342	-236	140	164	104	-254	-200	-108	-134	-----	
Budget surplus or deficit (—).....do.	12 -25,161	12 3,236	10,283	-3,153	-2,107	2,790	-6,112	-1,130	1,612	-97	43	-3,429	3,986	-2,459	7,146	-----	
Budget financing, total.....do.	12 25,161	12 -3,236	-10,283	3,153	2,107	-2,790	6,112	1,130	-1,612	97	-43	3,429	-3,986	2,459	-7,146	-----	
Borrowing from the public.....do.	12 23,100	12 -11,146	-8,587	4,438	679	-375	4,388	2,695	-2,012	-194	-139	2,314	-4,691	1,452	-3,157	-----	
Reduction in cash balances.....do.	12 2,061	12 7,910	-1,696	-1,285	1,428	-2,415	1,724	-1,565	400	291	96	1,115	705	1,007	-3,989	-----	
Gross amount of debt outstanding†.....do.	1369,769	1367,144	367,144	371,753	374,098	373,953	377,615	381,192	381,220	380,502	380,988	384,169	379,316	382,932	382,603	-----	
Held by the public.....do.	1290,629	1279,483	279,483	283,921	284,599	284,224	288,612	291,306	289,294	289,100	288,961	291,275	286,584	288,036	284,880	-----	
Budget receipts by source and outlays by agency: †																	
Receipts (net), total.....mil. \$.	12 153,671	12 187,792	23,805	12,553	15,009	20,412	11,811	14,336	16,709	16,297	14,938	13,119	22,029	13,982	22,649	-----	
Individual income taxes (net).....do.	12 68,726	12 87,249	10,123	6,404	7,230	9,776	6,636	7,236	6,774	10,660	6,965	3,419	10,701	5,258	9,313	-----	
Corporation income taxes (net).....do.	12 28,665	12 36,678	8,588	1,070	571	5,551	843	634	5,527	1,127	645	4,239	4,578	714	7,329	-----	
Social insurance taxes and contributions (net).....do.	12 34,622	12 39,918	2,823	2,879	5,209	3,022	2,364	4,078	2,190	2,674	5,408	3,436	4,419	5,851	3,767	-----	
Other.....do.	12 21,659	12 23,948	2,271	2,202	1,999	2,063	1,967	2,387	2,219	1,837	1,919	2,025	2,332	2,159	2,240	-----	
Expenditures and net lending, total ‡.....do.	12 178,833	12 184,556	13,522	15,706	17,116	17,622	17,923	15,466	15,097	16,394	14,894	16,548	18,043	16,441	15,503	-----	
Agriculture Department.....do.	12 7,307	12 8,330	-593	825	1,338	1,857	1,276	640	598	731	-77	296	320	320	403	-----	
Defense Department, military.....do.	12 77,373	12 77,877	7,262	6,346	6,612	6,479	6,982	6,051	6,584	6,419	5,953	6,377	6,531	6,185	6,582	-----	
Health, Education, and Welfare Department.....do.	12 40,576	12 46,599	4,231	3,950	4,000	4,071	4,311	3,857	4,137	4,261	4,120	4,387	5,485	4,809	4,962	-----	
Treasury Department.....do.	12 14,655	12 16,924	1,476	1,456	1,577	1,594	1,296	1,685	1,552	1,650	1,710	1,811	1,731	1,683	1,748	-----	
National Aeronautics and Space Adm.....do.	12 14,721	12 14,247	326	319	337	294	327	267	296	291	299	325	332	285	378	-----	
Veterans Administration.....do.	12 6,858	12 7,669	652	657	667	691	691	708	718	726	717	798	748	803	728	-----	
Receipts and expenditures (national income and product accounts basis), qtrly. totals seas. adj. at annual rates:																	
Federal Government receipts, total.....bil. \$.	175.4	200.6	202.5	-----	-----	200.8	-----	-----	202.0	-----	-----	195.9	-----	-----	196.6	-----	
Personal tax and nontax receipts.....do.	79.3	95.9	97.3	-----	-----	95.6	-----	-----	96.9	-----	-----	93.4	-----	-----	93.5	-----	
Corporate profit tax accruals.....do.	37.4	39.2	40.2	-----	-----	38.6	-----	-----	38.1	-----	-----	34.8	-----	-----	34.8	-----	
Indirect business tax and nontax accruals.....do.	18.0	19.1	19.0	-----	-----	19.5	-----	-----	19.3	-----	-----	19.3	-----	-----	19.4	-----	
Contributions for social insurance.....do.	40.7	46.5	46.0	-----	-----	47.0	-----	-----	47.7	-----	-----	48.4	-----	-----	48.9	-----	
Federal Government expenditures, total.....do.	181.6	191.3	189.1	-----	-----	192.5	-----	-----	195.9	-----	-----	197.7	-----	-----	210.9	-----	
Purchases of goods and services.....do.	99.5	101.3	99.8	-----	-----	102.5	-----	-----	102.1	-----	-----	102.3	-----	-----	99.7	-----	
National defense.....do.	78.0	78.8	77.9	-----	-----	79.8	-----	-----	78.8	-----	-----	79.3	-----	-----	76.8	-----	

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
FINANCE—Continued																	
LIFE INSURANCE—Continued																	
Institute of Life Insurance—Continued																	
Payments to policyholders and beneficiaries in U.S., total.....mil. \$	14,385.0	15,524.5	1,287.1	1,246.9	1,251.2	1,279.1	1,280.5	1,117.8	1,686.5	1,285.2	1,307.8	1,448.0	1,387.6	1,292.4			
Death benefits.....do	6,209.3	6,758.1	542.4	548.5	553.5	560.4	564.9	483.8	629.4	556.1	588.9	633.7	608.6	557.3			
Matured endowments.....do	967.2	952.6	82.5	71.5	67.2	76.8	82.7	71.7	77.9	85.3	82.2	93.5	85.7	81.0			
Disability payments.....do	195.6	204.7	20.0	16.9	17.2	18.7	16.3	14.2	16.6	19.6	17.1	21.3	19.9	18.1			
Annuity payments.....do	1,401.0	1,558.6	123.4	138.4	132.1	131.2	133.8	129.8	112.2	165.1	140.0	151.3	153.1	141.4			
Surrender values.....do	2,456.4	2,721.6	231.1	234.8	226.6	226.3	230.2	195.2	238.3	225.7	230.9	260.9	254.0	245.2			
Policy dividends.....do	3,155.5	3,328.9	287.7	236.8	254.6	265.7	252.6	223.1	612.1	233.4	248.7	287.3	266.3	249.4			
Life Insurance Agency Management Association:																	
Insurance written (new paid-for insurance):†																	
Value, estimated total.....mil. \$	150,495	157,525	13,222	12,076	13,005	12,438	14,136	12,957	18,488	11,525	12,621	14,099	15,309	13,542	15,020		
Ordinary (incl. mass-marketed ord.).....do	103,944	111,863	9,561	8,981	8,707	8,807	10,462	9,331	11,025	8,386	9,082	10,310	10,292	9,898	10,549		
Group.....do	39,877	39,237	3,127	2,603	3,788	3,094	3,108	3,097	6,980	2,703	3,017	3,198	4,462	3,040	3,930		
Industrial.....do	6,674	6,425	534	492	510	537	566	529	483	436	522	591	555	604	541		
Premiums collected:																	
Total life insurance premiums.....do	18,052	18,933	1,536	1,580	1,520	1,564	1,626	1,440	2,009	1,524	1,578	1,690	1,642	1,581	1,659		
Ordinary (incl. mass-marketed ord.).....do	13,510	13,142	1,159	1,192	1,125	1,155	1,242	1,085	1,370	1,182	1,191	1,258	1,248	1,214	1,237		
Group.....do	3,201	3,492	282	294	300	311	286	264	393	238	297	336	301	273	330		
Industrial.....do	1,341	1,299	96	94	95	98	98	91	246	104	90	97	93	94	92		
MONETARY STATISTICS																	
Gold and silver:																	
Gold:																	
Monetary stock, U.S. (end of period).....mil. \$	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	11,367	11,367	11,367	11,367	11,367	11,367	11,367	
Net release from earmark\$.....do	187	755	—	—11	17	29	25	—19	687	20	23	—2	—2	33	—1	—	
Exports.....thous. \$	839,160	12,287	193	239	9,531	364	150	244	200	159	278	293	272	24,068	159		
Imports.....do	226,262	236,905	23,742	8,066	19,519	27,052	19,817	22,600	21,863	12,487	9,772	17,659	13,865	12,398	11,602		
Production, world total.....mil. \$	1,420.0																
South Africa.....do	1,088.0	1,090.7	91.3	93.7	93.9	95.1	95.2	93.6	89.5	102.5	88.4	94.3	92.8				
Canada.....do	94.1	85.2	7.3	6.7	6.6	7.0	6.5	6.8	7.1	7.5	6.5	7.1					
United States.....do	53.9																
Silver:																	
Exports.....thous. \$	252,147	388,908	8,643	8,365	10,889	7,838	10,103	2,363	2,358	4,761	5,828	3,075	1,821	2,303	1,105		
Imports.....do	145,153	344,909	8,299	8,446	6,117	4,993	4,993	3,026	3,474	3,301	3,057	4,012	3,459	2,505	2,782		
Price at New York.....dol. per fine oz.	2.145	1.791	1.645	1.618	1.653	1.785	1.872	1.923	1.807	1.876	1.896	1.888	1.853	1.670	1.639	1.687	
Production:																	
Canada.....thous. fine oz.	45,390	41,926	3,587	3,382	3,697	3,592	3,704	2,877	3,541	3,797	3,427						
Mexico.....do	440,081		3,212	3,402	4,760	3,299	3,631	3,260									
United States.....do	37,168	52,552	4,805	2,645	6,017	2,912	3,993	3,495	3,936	4,516	4,097	4,221	5,008	4,435	4,312		
Currency in circulation (end of period).....bil. \$	51.0	54.0	50.9	51.1	51.5	51.3	51.7	53.0	54.0	51.9	52.0	52.7	53.0	53.7	54.4		
Money supply and related data (avg. of daily fig.):⊕																	
Unadjusted for seasonal variation:																	
Total money supply.....bil. \$	188.6	198.3	197.0	197.8	195.9	197.6	199.3	201.0	206.0	207.1	197.8	199.7	204.2	199.9	201.7	202.8	
Currency outside banks.....do	42.0	44.8	44.7	45.2	45.4	45.2	45.6	46.4	46.9	46.1	45.9	46.3	46.6	47.3	47.7	48.3	
Demand deposits.....do	146.6	153.5	152.3	152.7	150.5	152.4	153.7	154.7	159.1	161.1	151.9	153.4	157.6	152.6	154.0	154.5	
Time deposits adjusted†.....do	192.4	198.4	201.0	197.7	195.5	194.3	193.7	192.6	192.4	191.7	192.0	194.9	198.3	200.0	201.2	206.9	
U.S. Government demand deposits†.....do	5.7	5.6	6.0	5.6	4.3	5.3	4.2	5.1	5.5	4.7	7.1	6.9	5.3	6.4	6.5	6.8	
Adjusted for seasonal variation:																	
Total money supply.....do			199.0	199.3	199.0	199.0	199.1	199.3	199.6	201.1	199.3	201.5	203.3	203.9	203.6	204.3	
Currency outside banks.....do			44.8	45.0	45.3	45.2	45.6	45.9	45.9	46.1	46.4	46.7	47.0	47.6	47.8	48.1	
Demand deposits.....do			154.2	154.4	153.8	153.7	153.6	153.4	153.7	155.0	153.0	154.8	156.2	156.2	155.9	156.2	
Time deposits adjusted†.....do			200.8	197.7	194.5	194.1	193.5	193.4	194.1	192.1	192.0	194.3	197.9	199.6	201.0	206.9	
Turnover of demand deposits except interbank and U.S. Govt., annual rates, seas. adjusted:																	
Total (233 SMSA's)⊙ ratio of debits to deposits			68.7	67.6	70.1	72.3	70.8	70.5	69.4	69.4	72.4	70.7	72.9	73.5	73.3		
New York SMSA.....do			145.5	136.1	146.5	153.5	148.8	151.6	145.7	139.9	148.8	145.7	149.7	150.6	149.3		
Total 232 SMSA's (except N.Y.).....do			48.4	49.4	49.7	50.9	50.6	49.4	49.2	50.6	52.0	50.3	52.2	53.4	52.9		
6 other leading SMSA's⊙.....do			68.6	71.8	72.9	73.0	72.9	71.7	69.6	71.6	74.2	72.2	75.8	78.4	77.5		
226 other SMSA's.....do			40.1	40.3	40.3	41.9	41.5	40.3	40.8	41.9	42.9	41.3	42.6	43.2	42.9		
PROFITS AND DIVIDENDS (QTRLY.)																	
Manufacturing corps. (Fed. Trade and SEC):																	
Net profit after taxes, all industries.....mil. \$	32,069	33,248	8,944			7,994			8,381			6,894					
Food and kindred products.....do	2,209	2,382	580			660			636			573					
Textile mill products.....do	654	621	173			153			157			109					
Lumber and wood products (except furniture).....mil. \$	635	640				109			101			65					
Paper and allied products.....do	889	987	265			243			254			212					
Chemicals and allied products.....do	3,525	3,591	961			884			860			873					
Petroleum refining.....do	5,794	5,884	1,480			1,442			1,494			1,388					
Stone, clay, and glass products.....do	760	822	263			273			179			34					
Primary nonferrous metal.....do	1,140	1,414	371			335			387			381					
Primary iron and steel.....do	1,186	1,221	348			244			336			213					
Fabricated metal products (except ordnance, machinery, and transport. equip.).....mil. \$	1,320	1,326	369			324			323			265					
Machinery (except electrical).....do	2,947	3,138	930			760			751			648					
Elec. machinery, equip., and supplies.....do	2,518	2,594	653			663			653			477					
Transportation equipment (except motor vehicles, etc.).....mil. \$	1,025	945	272			228			171			165					
Motor vehicles and equipment.....do	3,222	2,845	821			404			765			526					
All other manufacturing industries.....do	4,229	4,835	1,230			1,272			1,314			966					
Dividends paid (cash), all industries.....do	14,189	15,058	3,797			3,452			4,203			3,767					
Electric utilities, profits after taxes (Federal Reserve).....mil. \$	3,002	3,186	707			827			779								
SECURITIES ISSUED																	
Securities and Exchange Commission:																	
Estimated gross proceeds, total.....mil. \$	65,562	52,546	4,056	5,015	3,315	3,958	5,420	4,069	4,440	6,144	6,003	6,799	5,862				
By type of security:																	
Bonds and notes, total.....do	60,979	44,150	3,311	4,426	2,832	3,232	4,770	3,085	3,769	5,628	5,535	5,645	5,154				
Corporate.....do	17,383	18,348	1,786	1,889	944	1,701	1,282	1,390	1,860	2,120	1,334	2,385	2,434				
Common stock.....do	3,946	7,714	694	553	410	652	630	902	640	456	417	1,064	641				
Preferred stock.....do	637	682	50	36	72	74	20	83	32	60	50	90	67				

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	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FINANCE—Continued																
SECURITIES ISSUED—Continued																
Securities and Exchange Commission—Continued																
Estimated gross proceeds—Continued																
By type of issuer:																
Corporate, total ¹ mil. \$	21,066	26,744	2,530	2,478	1,427	2,427	1,933	2,375	2,532	2,636	1,802	3,539	3,141			
Manufacturing.....do	6,979	6,356	691	875	362	625	260	453	601	811	357	1,416	690			
Extractive (mining).....do	594	1,721	163	88	108	106	49	188	99	94	85	149	211			
Public utility.....do	5,281	6,736	702	493	507	545	745	622	600	639	540	906	1,107			
Railroad.....do	246	294	41	25	17	31	31	23	15	44	50	77	21			
Communication.....do	1,766	2,188	191	286	126	272	120	201	277	234	226	306	65			
Financial and real estate.....do	2,820	4,409	298	389	181	442	444	533	524	275	323	339	596			
Noncorporate, total ¹ do	43,596	25,802	1,525	2,537	1,888	1,531	3,487	1,695	1,908	3,508	4,201	3,260	2,721			
U.S. Government.....do	18,025	4,765	419	421	377	353	440	300	380	413	416	461	387			
State and municipal.....do	16,374	11,460	710	1,052	794	531	1,254	853	812	1,314	1,198	1,504	1,625			
State and municipal issues (Bond Buyer):																
Long-term.....do	16,374	11,460	710	1,052	794	531	1,254	853	812	1,314	1,198	1,504	1,625	974	1,058	1,279
Short-term.....do	8,659	11,928	1,072	627	1,140	1,168	795	1,439	1,230	878	1,444	1,211	1,046	1,387	2,035	1,175
SECURITY MARKETS																
Brokers' Balances																
(N.Y.S.E. Members Carrying Margin Accounts)																
Cash on hand and in banks.....mil. \$	11,002	1,923	978	975	930	950	979	921	923	933	890	874	806	784	748	
Customers' debit balances (net).....do	19,790	17,445	8,214	7,515	7,019	7,039	7,243	7,111	7,445	6,683	6,562	6,353	5,985	5,433	5,281	
Customers' free credit balances (net).....do	13,717	12,803	3,084	2,783	2,577	2,579	2,753	2,613	2,803	2,626	2,463	2,441	2,248	2,222	2,009	
Bonds																
Prices:																
Standard & Poor's Corporation:																
High grade corporate:																
Composite.....dol. per \$100 bond	76.4	68.6	68.8	68.2	68.4	67.2	66.5	65.6	62.9	62.2	62.4	62.8	62.8	61.2	59.4	59.0
Domestic municipal (15 bonds).....do	93.4	79.0	78.6	78.5	76.2	73.6	74.9	73.4	68.7	69.7	71.7	75.6	71.9	67.8	67.5	70.6
U.S. Treasury bonds, taxable.....do	72.33	64.49	64.84	64.75	65.18	62.64	63.05	61.08	58.71	58.33	61.63	62.04	60.89	57.78	57.37	60.59
Sales:																
Total, excl. U.S. Government bonds (SEC):																
All registered exchanges:																
Market value.....mil. \$	5,669.52	4,501.18	370.32	330.44	315.76	271.52	397.35	318.32	382.04	363.31	283.27	313.51	310.25	300.39	645.56	
Face value.....do	5,458.55	5,123.47	410.29	393.16	375.63	338.22	466.10	376.13	526.97	485.34	365.56	405.30	384.02	465.04	824.44	
New York Stock Exchange:																
Market value.....do	4,401.94	3,550.33	288.21	269.23	255.55	210.08	319.84	261.94	324.20	314.79	245.86	267.94	275.85	264.77	608.25	
Face value.....do	4,447.68	4,123.33	331.35	324.81	304.60	269.61	372.88	308.69	442.89	411.57	304.65	344.36	337.06	374.22	743.34	
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$	3,814.24	3,646.16	300.46	293.42	245.99	239.42	341.33	263.80	432.91	304.63	281.84	297.74	329.77	448.20	360.69	394.13
Yields:																
Domestic corporate (Moody's).....percent	6.51	7.36	7.27	7.39	7.37	7.53	7.72	7.76	8.13	8.32	8.29	8.18	8.20	8.46	8.77	8.85
By rating:																
Aaa.....do	6.18	7.03	6.98	7.08	6.97	7.14	7.33	7.35	7.72	7.91	7.93	7.84	7.83	8.11	8.48	8.44
Aa.....do	6.38	7.20	7.12	7.24	7.23	7.36	7.53	7.58	7.93	8.15	8.13	8.06	8.03	8.24	8.58	8.64
A.....do	6.54	7.40	7.28	7.40	7.41	7.56	7.79	7.84	8.21	8.35	8.31	8.17	8.22	8.49	8.76	8.92
Baa.....do	6.94	7.81	7.70	7.84	7.86	8.05	8.22	8.25	8.65	8.86	8.78	8.63	8.70	8.98	9.25	9.40
By group:																
Industrials.....do	6.41	7.25	7.16	7.29	7.29	7.42	7.59	7.61	7.95	8.15	8.11	7.98	8.00	8.19	8.55	8.61
Public utilities.....do	6.49	7.49	7.38	7.49	7.40	7.62	7.91	7.94	8.39	8.54	8.47	8.34	8.37	8.72	9.06	9.01
Railroads.....do	6.77	7.46	7.37	7.50	7.57	7.68	7.76	7.83	8.15	8.38	8.39	8.33	8.34	8.59	8.76	9.11
Domestic municipal:																
Bond Buyer (20 bonds).....do	4.47	5.79	5.68	5.93	6.26	6.19	6.13	6.58	6.79	6.78	6.16	6.11	6.79	7.12	6.79	6.40
Standard & Poor's Corp. (15 bonds).....do	4.51	5.81	5.83	5.84	6.07	6.35	6.21	6.37	6.91	6.80	6.57	6.14	6.55	7.02	7.06	6.69
U.S. Treasury bonds, taxable.....do	5.25	6.10	6.06	6.07	6.02	6.32	6.27	6.51	6.81	6.86	6.44	6.39	6.53	6.94	6.99	6.57
Stocks																
Dividend rates, prices, yields, and earnings, common stocks (Moody's):																
Dividends per share, annual rate, composite																
Industrials.....dollars	8.53	8.98	9.03	9.03	9.03	9.04	9.05	9.06	8.99	9.13	9.13	9.13	9.10	8.96	8.95	8.95
Public utilities.....do	9.24	9.83	9.90	9.90	9.90	9.90	9.90	9.92	9.92	9.98	9.97	9.98	9.93	9.71	9.69	9.70
Railroads.....do	4.50	4.61	4.61	4.61	4.62	4.62	4.62	4.63	4.63	4.64	4.64	4.70	4.70	4.71	4.71	4.71
N.Y. banks.....do	4.55	4.60	4.66	4.66	4.67	4.67	4.67	4.67	4.10	4.02	4.02	4.02	4.02	4.02	4.02	3.95
Property and casualty insurance cos.....do	5.82	6.40	6.37	6.37	6.41	6.61	6.61	6.61	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
Price per share, end of mo., composite.....do	264.62	262.77	264.58	249.38	259.67	252.76	263.28	252.78	248.68	231.68	244.45	243.53	222.65	209.44	198.30	212.90
Industrials.....do	315.86	313.15	315.83	296.79	310.95	302.90	314.60	301.65	299.54	276.68	290.09	287.85	263.96	248.12	236.81	252.79
Public utilities.....do	98.37	94.55	94.53	92.47	91.13	86.29	92.25	85.98	84.62	80.31	85.35	87.44	80.06	74.91	68.96	74.55
Railroads.....do	101.00	93.90	92.40	85.98	87.16	87.15	87.36	80.73	76.96	73.87	78.55	74.99	68.32	62.07	52.39	56.18
Yields, composite.....percent	3.22	3.42	3.41	3.62	3.48	3.58	3.44	3.58	3.62	3.94	3.73	3.75	4.09	4.28	4.51	4.20
Industrials.....do	2.93	3.14	3.13	3.34	3.18	3.27	3.15	3.29	3.31	3.61	3.44	3.47	3.76	3.91	4.09	3.84
Public utilities.....do	4.57	4.88	4.88	4.99	5.07	5.35	5.01	5.38	5.47	5.78	5.44	5.38	5.87	6.27	6.83	6.32
Railroads.....do	4.50	4.90	5.04	5.42	5.36	5.36	5.35	5.78	5.33	5.44	5.12	5.36	5.88	6.48	7.67	7.03
N.Y. banks.....do	3.40	3.72	3.91	4.28	3.80	4.03	3.61	3.95	3.92	4.20	3.61	3.72	4.14	4.29	4.30	4.02
Property and casualty insurance cos.....do	3.10	3.37	3.62	3.99	3.87	3.61	3.19	3.28	3.65	3.84	3.58	3.66	4.29	4.67	4.61	4.19
Earnings per share (indust., qtrly. at ann. rate; pub. util. and RR., for 12 mo. ending each qtr.):																
Industrials.....dollars	17.62	17.69	18.35			16.18			18.54			15.30				
Public utilities.....do	6.67	6.92	6.81			6.89			6.92			6.90				
Railroads.....do	7.25	7.28	7.72			7.84			7.28			6.78				

¹ Revised. ² End of year. ³ Corrected
⁴ Includes data not shown separately.
⁵ Number of bonds represented fluctuates; the change in the number does not affect the continuity of the series.

⁶ Prices are derived from average yields on basis of an assumed 3 percent 20-year bond.
⁷ For bonds due or callable in 10 years or more.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FINANCE—Continued																
SECURITY MARKETS—Continued																
Stocks—Continued																
Dividend yields, preferred stocks, 10 high-grade (Standard & Poor's Corp.).....percent..	5.78	6.41	6.33	6.42	6.45	6.61	6.79	6.84	7.19	7.02	7.04	6.97	6.98	7.26	7.57	7.62
Prices:																
Dow-Jones averages (65 stocks).....	322.19	301.35	305.86	286.41	279.78	279.05	280.44	281.02	259.88	258.36	251.63	260.36	255.71	227.99	224.18	223.29
Industrial (30 stocks).....	906.00	876.72	896.61	844.02	825.46	826.71	832.51	841.09	789.22	782.96	756.21	777.62	771.65	691.96	699.30	712.80
Public utility (15 stocks).....	130.02	123.07	124.48	120.40	115.76	113.35	115.12	116.04	108.36	109.42	108.87	116.45	114.44	103.19	99.15	102.83
Transportation (20 stocks).....	250.09	221.02	221.99	202.88	199.24	199.06	198.39	195.47	175.32	173.64	169.83	174.32	167.46	146.29	137.53	125.75
Standard & Poor's Corporation: ^a																
Industrial, public utility, and railroad:																
Combined index (500 stocks).....1941-43=10..	98.69	97.84	99.14	94.71	94.18	94.51	95.52	96.21	91.11	90.31	87.16	88.65	85.95	76.06	75.59	75.72
Industrial, total (425 stocks) ?.....do....	107.49	107.13	108.59	103.68	103.39	103.97	105.07	105.86	100.48	99.40	95.73	96.95	94.01	83.16	82.96	83.00
Capital goods (116 stocks).....do....	105.77	103.75	102.68	100.55	100.90	102.27	103.67	104.68	100.31	99.70	96.55	95.97	93.18	80.47	80.77	77.99
Consumers' goods (184 stocks).....do....	86.33	87.06	88.12	83.04	83.44	85.26	87.29	89.84	85.62	85.42	83.74	85.09	82.28	71.65	73.10	73.10
Public utility (55 stocks).....do....	66.42	62.64	63.29	61.32	59.20	57.84	58.80	59.46	55.28	55.72	55.24	59.04	57.19	51.15	49.22	50.91
Railroad (20 stocks).....do....	48.84	45.95	46.43	43.00	42.04	42.03	41.75	40.63	36.69	37.62	36.58	37.33	36.05	31.10	28.94	26.59
Banks:																
New York City (9 stocks).....do....	44.69	45.39	43.55	41.98	41.87	44.40	44.47	46.00	43.55	44.11	45.64	47.49	45.21	39.65	41.03	42.12
Outside New York City (16 stocks).....do....	81.72	87.73	85.81	82.49	80.41	83.47	85.73	88.09	82.57	79.34	77.11	81.37	79.47	70.75	71.16	72.07
Property-liability insurance (16 stocks).....do....	73.64	85.43	79.17	74.54	72.83	76.91	88.52	94.19	85.85	83.88	81.25	84.94	82.45	67.40	69.94	71.10
New York Stock Exchange common stock indexes:																
Composite.....12/31/65=50..	55.37	54.67	55.20	52.40	52.09	52.37	53.27	53.85	50.86	50.60	48.76	49.46	47.51	41.65	41.28	41.15
Industrial.....do....	58.00	57.44	58.07	55.00	54.85	55.29	56.22	56.84	53.93	53.58	51.29	51.53	49.47	43.33	43.40	43.04
Transportation.....do....	50.58	46.96	47.70	42.80	41.45	42.72	43.12	42.59	37.77	37.51	36.06	36.85	34.99	29.85	28.51	26.46
Utility.....do....	44.19	42.80	43.39	42.31	41.34	40.20	40.55	41.36	38.69	38.76	38.55	40.77	39.49	35.48	33.74	34.90
Finance.....do....	65.85	70.49	68.62	64.56	65.29	68.16	71.71	71.62	66.95	66.19	65.01	67.37	64.07	54.58	54.21	54.00
Sales:																
Total on all registered exchanges (SEC):																
Market value.....mil. \$..	196,358	175,298	14,860	12,685	12,392	12,429	17,152	13,352	13,951	12,940	11,850	11,146	11,130	10,587	10,024	-----
Shares sold.....millions..	5,312	4,963	420	359	367	355	488	376	430	396	346	340	341	383	401	-----
On New York Stock Exchange:																
Market value.....mil. \$..	144,978	129,603	10,847	9,561	9,405	9,357	12,831	10,000	10,609	9,412	9,104	8,815	8,718	8,566	8,000	-----
Shares sold (cleared or settled).....millions..	3,299	3,174	264	240	246	233	320	249	288	255	238	243	240	272	282	-----
New York Stock Exchange:																
Exclusive of odd-lot and stopped stock sales (sales effected).....millions..	2,932	2,851	235	228	202	219	310	214	272	221	218	213	223	258	226	228
Shares listed, N.Y. Stock Exchange, end of period:																
Market value, all listed shares.....bil. \$..	692.34	629.45	650.50	611.15	641.58	627.50	661.44	640.16	629.45	582.67	616.34	615.37	553.80	516.39	491.21	531.08
Number of shares listed.....millions..	13,196	15,082	14,400	14,505	14,761	14,833	14,918	14,986	15,082	15,136	15,227	15,306	15,348	15,552	15,677	15,823

FOREIGN TRADE OF THE UNITED STATES

FOREIGN TRADE																
Value of Exports																
Exports (mdse.), incl. reexports, total.....mil. \$..	34,635.9	38,005.6	3,168.2	3,042.6	3,213.2	3,183.7	3,618.2	3,469.2	3,421.0	3,298.4	3,432.1	3,623.4	3,648.5	3,942.3	3,770.7	-----
Excl. Dept. of Defense shipments.....do....	34,062.8	37,331.7	3,098.1	2,994.9	3,151.3	3,110.4	3,562.7	3,413.2	3,362.4	3,238.0	3,388.2	3,581.1	3,599.1	3,908.7	3,719.0	-----
Seasonally adjusted.....do....	3,211.1	3,168.2	3,370.0	3,323.4	3,362.0	3,365.1	3,238.4	3,305.2	3,628.4	3,379.0	3,449.7	3,695.1	3,776.0	3,776.0	3,776.0	-----
By geographic regions:																
Africa.....do....	1,269.4	1,319.6	125.5	131.2	130.4	109.4	123.1	122.9	141.6	130.3	103.4	117.9	139.1	151.0	148.9	-----
Asia.....do....	7,581.9	8,265.2	710.0	691.7	738.0	717.3	769.5	768.8	776.7	795.5	813.9	808.6	750.1	821.4	890.7	-----
Australia and Oceania.....do....	1,026.0	998.0	67.5	78.4	96.6	77.1	110.7	96.0	77.2	81.7	91.2	90.9	77.2	93.0	103.8	-----
Europe.....do....	11,347.3	12,619.2	991.4	999.2	1,110.7	1,015.3	1,210.3	1,184.5	1,159.3	1,167.5	1,196.4	1,271.9	1,272.0	1,482.2	1,213.7	-----
Northern North America.....do....	8,073.8	9,138.0	788.3	655.2	661.3	801.6	879.2	806.3	756.6	649.4	740.9	783.5	840.9	866.1	861.7	-----
Southern North America.....do....	2,598.8	2,761.9	226.7	228.7	227.3	223.6	273.9	244.1	264.6	243.8	247.1	269.9	292.3	270.1	286.3	-----
South America.....do....	2,738.6	2,814.4	260.6	261.2	263.0	241.8	258.8	248.5	245.2	230.1	239.2	280.8	277.0	258.6	265.6	-----
By leading countries:																
Africa:																
United Arab Republic (Egypt).....do....	48.4	67.2	13.9	7.0	5.2	4.2	7.5	5.2	4.6	13.8	3.4	5.4	13.9	7.0	6.0	-----
Republic of South Africa.....do....	455.7	505.5	40.4	44.0	51.4	38.2	60.8	40.7	50.2	39.9	35.6	40.5	47.2	48.7	54.0	-----
Asia; Australia and Oceania:																
Australia, including New Guinea.....do....	874.9	860.0	58.0	67.4	77.4	64.7	93.6	85.5	65.8	69.2	77.6	77.5	65.0	80.0	91.7	-----
India.....do....	717.6	517.1	69.5	77.8	46.2	31.6	19.6	27.9	47.4	51.2	53.4	58.6	33.5	61.1	40.1	-----
Pakistan.....do....	301.9	195.2	16.2	12.9	13.4	16.5	18.2	31.8	24.9	23.0	19.3	27.4	23.4	28.2	37.9	-----
Malaysia.....do....	53.6	51.9	4.7	3.9	4.1	5.8	4.1	4.3	7.0	4.8	3.8	7.8	4.3	5.2	7.0	-----
Indonesia.....do....	167.1	201.1	20.6	16.7	16.3	15.1	28.4	28.3	20.6	26.5	19.8	15.9	16.9	20.6	21.3	-----
Philippines.....do....	436.3	374.3	31.3	30.1	32.1	23.7	28.5	29.6	29.0	25.9	24.7	32.5	35.8	37.4	40.6	-----
Japan.....do....	2,954.3	3,489.7	264.4	274.0	329.8	304.4	352.7	335.3	346.5	356.7	391.3	356.7	349.3	361.6	415.4	-----
Europe:																
France.....do....	1,095.0	1,195.3	90.1	94.9	96.7	88.0	101.9	96.3	118.5	112.4	117.3	108.2	169.5	143.1	117.6	-----
East Germany.....do....	29.0	32.4	1.4	3.7	4.4	1.8	5.1	4.0	7.5	1.3	4.9	4.1	2.5	3.2	1.5	-----
West Germany.....do....	1,708.9	2,117.9	159.8	169.1	169.7	224.3	207.8	193.2	191.3	209.1	204.2	241.9	199.3	330.2	227.7	-----
Italy.....do....	1,120.6	1,261.7	97.5	101.5	119.4	106.2	124.7	121.0	108.5	107.9	118.3	106.5	114.6	150.9	110.7	-----
Union of Soviet Socialist Republics.....do....	57.7	105.5	7.5	5.8	14.5	9.0	13.4	5.1	11.5	9.1	7.8	11.7	5.6	13.3	8.9	-----
United Kingdom.....do....	2,288.7	2,335.3	197.7	163.6	203.4	184.1	221.6	211.7	197.2	181.6	182.7	230.7	202.8	272.6	212.8	-----
North and South America:																
Canada.....do....	8,072.3	9,138.0	788.2	655.2	661.3	801.5	879.1	806.2	756.6	649.4	740.8	783.5	840.9	866.0	816.5	-----

^a Revised.^b Number of stocks represents number currently used; the change in number does not

affect continuity of the series.

^c Includes data not shown separately.

* Revised.
 † Includes data not shown separately.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July
FOREIGN TRADE OF THE UNITED STATES—Continued																	
FOREIGN TRADE—Continued																	
Value of Imports—Continued																	
General imports—Continued																	
By commodity groups and principal commodities:																	
Agricultural products, total.....mil. \$	5,053.6	4,954.4	441.1	437.8	399.0	394.5	460.9	404.0	488.7	471.7	455.5	512.6	517.7	440.0	491.4	-----	-----
Nonagricultural products, total.....do	28,172.7	31,097.5	2,775.1	2,716.1	2,510.6	2,737.2	2,969.5	2,585.1	2,758.7	2,653.8	2,488.9	2,873.3	2,873.7	2,734.9	3,012.7	-----	-----
Food and live animals.....do	4,577.3	4,530.8	398.9	414.4	363.7	368.6	430.1	369.4	454.7	431.6	411.5	473.0	488.8	409.2	475.5	-----	-----
Cocoa or cacao beans.....do	136.0	168.2	11.9	18.6	15.4	5.5	11.2	16.5	27.2	32.7	19.8	18.7	17.4	15.6	8.7	-----	-----
Coffee.....do	1,139.7	893.9	75.4	72.0	62.0	75.3	103.5	99.9	84.2	92.6	103.0	96.1	96.4	96.3	114.1	-----	-----
Meats and preparations.....do	746.5	863.8	70.4	84.4	94.4	91.0	88.1	54.5	68.4	82.9	83.6	93.8	80.6	64.9	84.3	-----	-----
Sugar.....do	640.1	638.2	73.0	78.0	56.5	44.7	57.3	34.1	78.1	38.4	36.1	56.0	84.2	49.1	73.0	-----	-----
Beverages and tobacco.....do	786.3	777.8	86.8	62.8	54.1	67.1	93.0	72.7	67.2	68.0	63.7	64.8	71.5	1.9	70.9	-----	-----
Crude materials, inedible, exc. fuels.....do	3,345.7	3,460.3	293.5	294.0	290.8	288.8	320.7	275.2	313.8	271.4	244.7	273.7	260.5	281.2	298.7	-----	-----
Metal ores.....do	1,007.8	1,012.6	83.0	93.6	91.6	92.2	112.8	90.5	104.7	75.2	72.3	68.6	76.9	103.2	114.7	-----	-----
Paper base stocks.....do	454.8	520.8	45.3	43.8	40.3	42.7	52.0	47.4	47.8	41.8	41.2	49.5	43.0	41.2	42.8	-----	-----
Textile fibers.....do	335.1	260.1	25.3	22.3	23.8	16.8	16.7	18.4	21.3	20.5	21.4	22.9	21.4	18.7	19.4	-----	-----
Rubber.....do	191.8	279.5	23.1	19.4	26.9	25.2	30.4	26.2	25.8	27.4	20.2	26.0	20.7	19.2	18.5	-----	-----
Mineral fuels, lubricants, etc.....do	2,526.7	2,794.0	212.6	221.3	227.6	229.2	247.4	201.4	292.1	274.7	279.3	296.6	244.9	224.2	246.8	-----	-----
Petroleum and products.....do	2,343.2	2,559.9	196.3	202.5	205.0	212.9	223.1	185.5	261.9	250.6	252.4	270.9	223.8	193.0	221.5	-----	-----
Animal and vegetable oils and fats.....do	157.9	136.7	8.6	11.0	10.2	10.2	13.9	11.7	16.2	9.6	8.6	10.2	10.1	14.2	21.1	-----	-----
Chemicals.....do	1,129.1	1,232.0	114.5	101.0	99.2	99.7	120.4	101.8	99.7	112.2	110.8	129.0	133.2	120.5	121.1	-----	-----
Manufactured goods.....do	8,162.4	7,893.3	726.0	728.7	645.9	707.5	698.4	620.2	636.5	656.2	569.2	696.2	691.4	692.1	730.3	-----	-----
Iron and steel.....do	2,046.5	1,809.1	180.8	179.1	160.3	176.6	169.7	137.7	152.5	121.4	109.4	137.2	150.2	164.3	166.8	-----	-----
Newsprint.....do	862.9	938.6	83.3	81.3	74.5	82.6	84.6	79.6	87.5	76.7	71.0	81.2	78.4	76.5	76.3	-----	-----
Nonferrous metals.....do	2,022.5	1,534.6	136.5	129.7	116.8	134.0	129.6	122.4	114.7	144.6	124.3	146.0	145.1	134.3	150.8	-----	-----
Textiles.....do	962.4	1,019.0	88.2	86.6	93.4	87.2	84.5	73.2	80.1	99.7	81.7	99.9	92.8	93.1	96.5	-----	-----
Machinery and transport equipment.....do	7,986.9	9,768.2	889.9	790.7	716.8	845.6	964.8	873.9	892.7	862.5	839.9	957.1	1,012.3	909.5	1,009.6	-----	-----
Machinery, total.....do	3,688.4	4,489.0	401.8	391.0	388.2	394.9	436.7	383.4	389.0	387.4	381.5	449.3	453.5	415.9	459.7	-----	-----
Metalworking.....do	203.9	182.7	17.0	15.8	16.4	16.9	13.0	13.2	15.8	12.9	18.1	17.5	14.6	12.9	14.1	-----	-----
Electrical.....do	1,492.1	1,946.9	161.7	171.0	174.0	179.3	204.3	179.1	171.8	151.4	154.0	191.8	189.0	168.6	198.7	-----	-----
Transport equipment.....do	4,298.5	5,279.2	488.1	398.7	328.6	450.7	528.1	490.6	503.6	475.1	458.4	507.8	558.8	493.6	549.9	-----	-----
Automobiles and parts.....do	3,711.6	4,623.8	431.8	334.8	274.5	400.2	473.2	440.9	456.8	420.5	398.0	436.7	477.1	432.9	493.2	-----	-----
Miscellaneous manufactured articles.....do	3,346.1	4,127.6	365.9	409.7	392.7	393.4	413.9	349.2	346.7	350.3	326.8	380.0	371.3	363.5	418.4	-----	-----
Commodities not classified.....do	1,207.8	1,331.1	117.6	120.0	108.3	121.5	127.8	113.6	127.8	89.2	89.9	105.4	107.5	95.6	111.7	-----	-----
Indexes																	
Exports (U.S. mds., excl. military grant-aid):																	
Unit value.....1957-59=100	112	117	115	-----	-----	117	-----	-----	120	-----	-----	122	-----	-----	123	-----	-----
Quantity.....do	173	182	202	-----	-----	181	-----	-----	196	-----	-----	192	-----	-----	208	-----	-----
Value.....do	195	213	232	-----	-----	211	-----	-----	236	-----	-----	234	-----	-----	256	-----	-----
General imports:																	
Unit value.....do	104	108	106	-----	-----	107	-----	-----	111	-----	-----	P 112	-----	-----	-----	-----	-----
Quantity.....do	226	236	260	-----	-----	242	-----	-----	245	-----	-----	P 239	-----	-----	-----	-----	-----
Value.....do	235	254	276	-----	-----	260	-----	-----	273	-----	-----	P 267	-----	-----	-----	-----	-----
Shipping Weight and Value																	
Waterborne trade:																	
Exports (incl. reexports):																	
Shipping weight.....thous. sh. tons	194,482	199,638	18,093	18,014	18,475	17,310	19,529	20,116	17,845	16,418	17,146	17,621	19,386	19,332	-----	-----	-----
Value.....mil. \$	19,359	19,922	1,733	1,738	1,800	1,694	1,995	1,953	1,871	1,828	1,894	2,008	2,013	2,126	-----	-----	-----
General imports:																	
Shipping weight.....thous. sh. tons	282,751	287,152	22,636	24,619	23,890	26,020	28,395	21,943	28,666	24,682	23,902	24,301	24,061	21,928	-----	-----	-----
Value.....mil. \$	21,139	21,542	1,976	2,044	1,913	1,915	2,052	1,727	1,907	1,926	1,767	2,029	2,043	1,919	-----	-----	-----

TRANSPORTATION AND COMMUNICATION

TRANSPORTATION																	
Air Carriers (Scheduled Service)																	
Certificated industry: *																	
Passenger-miles (revenue).....bil.	113.96	125.41	11.94	12.49	13.48	10.25	9.90	9.06	10.78	10.45	8.81	10.61	9.97				
Passenger-load factor \$.....percent.	52.6	50.0	55.5	55.3	59.8	46.7	44.4	43.1	47.9	46.1	45.3	49.9	50.0				
Ton-miles (revenue), total \$.....mil.	15,249	16,898	1,533	1,594	1,687	1,384	1,388	1,295	1,489	1,403	1,243	1,466	1,434				
Operating revenues \$.....mil.	7,763	8,792	2,225			2,407			2,219								
Passenger revenues.....do.	6,221	7,120	1,817			1,968			1,784								
Freight and express revenues.....do.	585	982	165			175			270								
Mail revenues.....do.	285	296	71			69			85								
Operating expenses.....do.	7,238	8,400	2,070			2,188			2,204								
Net income after taxes.....do.	225	55	46			93			-48								
Domestic operations:																	
Passenger-miles (revenue).....bil.	87.51	95.95	8.98	9.08	9.99	7.59	7.61	7.11	8.54	8.37	7.05	8.44	7.77				
Express and freight ton-miles.....mil.	1,775	1,971	164	159	169	172	185	167	171	153	147	171	206				
Mail-ton miles.....do.	567	616	47	47	48	47	53	55	71	53	50	53	54				
Operating revenues.....mil. \$	5,692	6,517	1,658			1,722			1,682								
Operating expenses.....do.	5,387	6,237	1,541			1,600			1,639								
Net income after taxes.....do.	89	11	29			34			-20								
International and territorial operations:																	
Passenger-miles (revenue).....bil.	26.45	29.47	2.95	3.41	3.49	2.65	2.29	1.95	2.24	2.08	1.76	2.17	2.20				
Express and freight ton-miles.....mil.	1,135	1,384	105	118	105	111	129	120	114	94	100	113	112				
Mail-ton miles.....do.	700	729	56	54	56	54	57	73	85	59	64	67	65				
Operating revenues.....mil. \$	2,070	2,275	567			685			537								
Operating expenses.....do.	1,850	2,164	528			588			565								
Net income after taxes.....do.	136	44	18			60			-28								
Local Transit Lines																	
Fares, average cash rate.....cents.	23.6	24.3	24.1	24.2	24.3	24.3	24.4	24.7	25.2	25.4	25.4	25.4	25.4	25.5	25.6		
Passengers carried (revenue).....mil.	6.491	6.310	513	489	479	520	567	500	528	505	470	522	542	515	491		

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July
TRANSPORTATION AND COMMUNICATION—Continued																	
TRANSPORTATION—Continued																	
Motor Carriers (Intercity)																	
Carriers of property, class I (qtrly. total):																	
Number of reporting carriers.....	1,289	1,289	1,315			1,301			1,289								
Operating revenues, total.....mil. \$	9,513	10,482	2,619			2,698			2,775								
Expenses, total.....do.	9,030	10,036	2,492			2,562			2,683								
Freight carried (revenue).....mil. tons	531	560	145			144			144								
Freight carried, volume indexes, class I and II (ATA):																	
Common and contract carriers of property (qtrly.).....average same period, 1957-59=100	175	184	183			183			173				180				
Common carriers of general freight, seas. adj. 1957-59=100	165.7	173.3	173.3	177.8	171.5	178.2	178.5	170.5	172.1	170.4	174.5	169.5	122.6	151.0			
Carriers of passengers, class I (qtrly.): \$																	
Number of reporting carriers.....	170	170	71			70			70								
Operating revenues, total.....mil. \$	641.1	676.4	170.2			203.5			166.5								
Expenses, total.....do.	563.8	593.6	145.8			162.1			151.8								
Passengers carried (revenue).....mil.	184.3	175.0	45.0			48.5			42.4								
Class I Railroads																	
Financial operations (qtrly.):																	
Operating revenues, total.....mil. \$	10,860	11,451	2,916			2,836			2,958				2,818				
Freight.....do.	9,755	10,346	2,636			2,546			2,683				2,569				
Passenger.....do.	444	439	111			118			106				99				
Operating expenses.....do.	8,582	9,062	2,249			2,274			2,363				2,337				
Tax accruals and rents.....do.	1,595	1,729	455			423			429				422				
Net railway operating income.....do.	683	659	212			140			166				60				
Net income (after taxes).....do.	565	461	173			98			92				15				
Traffic:																	
Ton-miles of freight (net), revenue and nonrevenue (qtrly.).....bill	4,759.1	4,781.7	200.2			192.0			201.7				190.3				
Revenue ton-miles.....do.	4,744.5	4,767.9	196.5			188.8			197.9				186.4			197.9	54.5
Revenue per ton-mile (qtrly. avg.).....cents	1.310	1.347	1.341			1.349			1.356				1.378				
Passengers (revenue) carried 1 mile (qtrly.).....mil.	13,120	12,169	3,090			3,390			2,838				2,571				
Travel																	
Hotels:																	
Average sale per occupied room.....dollars	11.35	12.37	12.90	11.59	13.09	13.04	13.66	12.75	11.66	13.22	12.98	12.23	13.95	12.87	13.80		
Rooms occupied.....% of total	61	59	61	57	60	60	68	55	44	52	55	57	61	58	56		
Restaurant sales index.....same mo. 1951=100	117	120	126	119	118	122	120	112	118	107	114	122	127	131	125		
Foreign travel:																	
U.S. citizens: Arrivals.....thous.	5,021	5,911	523	671	868	589	440	395	342	469	414	496	480				
Departures.....do.	4,820	5,767	695	772	636	450	371	355	429	402	423	499	481				
Aliens: Arrivals.....do.	3,084	3,602	304	403	415	394	309	256	245	297	237	291	295				
Departures.....do.	2,613	3,039	287	315	354	314	274	222	272	214	187	244	245				
Passports issued.....do.	1,748	1,820	267	194	137	107	94	77	93	125	153	246	277	267	311	254	
National parks, visits.....do.	42,392	42,403	6,176	9,291	9,518	4,144	2,826	1,602	1,040	987	1,133	1,559	1,878	3,338			
COMMUNICATION (QTRLY.)																	
Telephone carriers:																	
Operating revenues.....mil. \$	15,068	16,781	4,153			4,231			4,375				4,354				
Station revenues.....do.	7,578	8,213	2,038			2,062			2,120				2,149				
Tolls, message.....do.	5,693	6,506	1,607			1,645			1,717				1,600				
Operating expenses (excluding taxes).....do.	9,020	10,270	2,512			2,632			2,722				2,741				
Net operating income (after taxes).....do.	2,553	2,798	700			691			734				732				
Phones in service, end of period.....mil.	95.1	100.3	97.4			98.9			100.3				101.0				
Telegraph carriers:																	
Domestic:																	
Operating revenues.....mil. \$	358.2	391.3	97.8			95.7			104.3				97.5				
Operating expenses.....do.	309.5	330.8	82.7			84.8			85.1				82.8				
Net operating revenues (before taxes).....do.	29.6	32.9	9.7			5.9			7.7				9.4				
International:																	
Operating revenues.....do.	153.4	179.9	44.7			45.7			48.3				47.5				
Operating expenses.....do.	116.1	132.6	32.5			33.2			36.5				34.9				
Net operating revenues (before taxes).....do.	30.6	39.1	10.4			10.4			9.3				10.3				

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																	
Inorganic chemicals, production:																	
Acetylene.....mil. cu. ft.	15,385	14,204	1,131	1,153	1,140	1,203	1,242	1,113	1,203	1,228	1,254	1,306	1,319	1,278			
Ammonia, synthetic anhydrous.....thous. sh. tons	12,119.9	12,713.5	1,140.9	1,092.8	1,007.1	1,037.3	1,097.2	1,060.0	1,129.8	948.0	1,032.5	1,165.5	1,139.4	1,123.4			
Carbon dioxide, liquid, gas, and solid.....do.	1,014.1	1,096.3	98.6	111.1	110.4	99.4	93.5	82.6	80.8	73.7	80.1	96.5	102.3	109.8			
Chlorine, gas (100% Cl ₂).....do.	8,444.5	9,422.0	783.0	803.4	808.6	786.4	811.0	788.2	845.8	787.2	745.4	822.5	814.3	839.2	808		
Hydrochloric acid (100% HCl).....do.	1,752.1	1,848.6	154.0	155.1	151.0	150.2	154.3	145.7	160.8	152.4	149.6	176.8	157.1	165.9	164.6		
Nitric acid (100% HNO ₃).....do.	6,362.1	6,254.3	495.9	464.5	479.6	519.3	540.8	528.4	557.3	517.4	506.0	551.4	582.0	570.8			
Oxygen (high purity).....mil. cu. ft.	247,995	272,884	21,263	21,952	23,123	22,751	24,022	23,984	23,885	22,535	21,807	23,713	23,325	23,913			
Phosphoric acid (100% P ₂ O ₅).....thous. sh. tons	4,958.3	4,915.5	393.0	345.1	379.7	410.7	438.8	408.6	447.1	393.9	430.4	458.7	480.3	463.4			
Sodium carbonate (soda ash), synthetic (58% Na ₂ O).....thous. sh. tons	4,595.7	4,502.8	392.5	379.6	374.9	368.8	410.4	349.6	419.8	350.6	343.6	370.4	378.3	391.4			
Sodium bichromate and chromate.....do.	146.0	149.4	12.9	12.0	12.4	12.2	13.5	11.3	14.3	11.3	10.5	12.7	13.6	13.6	12.6		
Sodium hydroxide (100% NaOH).....do.	8,867.7	9,618.7	797.8	803.4	824.4	793.8	840.1	821.2	858.0	800.9	756.0	835.2	847.8	856.9	816.8		
Sodium silicate, anhydrous.....thous. sh. tons	633.5	653.8	52.5	41.9	50.5	49.4	60.9	63.4	60.3	37.4	44.5	52.2	55.0	65.2	53.5		
Sodium sulfate, anhydrous.....thous. sh. tons	1,482.7	1,471.0	116.2	112.6	113.0	119.7	130.8	119.9	120.1	115.4	117.1	124.0	116.0	108.0	108.0		
Sulfuric acid (100% H ₂ SO ₄).....do.	28,556.4	28,727.4	2,337.5	2,178.3	2,252.5	2,280.4	2,515.2	2,424.7	2,708.5	2,302.6	2,312.6	2,465.3	2,530.5	2,517.2			

* Revised. * Preliminary. † Number of carriers filing complete reports for the year.
 ‡ Preliminary estimate by Association of American Railroads. § Data cover 5 weeks;
 other months, 4 weeks. ¶ Annual total reflects revisions not distributed to the monthly
 or quarterly data. † Revision for May 1969, 169.3. * After extraordinary items.

§ Beginning with 1st quarter 1969 reporting period, motor carriers are designated class I
 if they have annual gross operating revenues of \$1 million or over (1968 data have been restated
 on the new basis).

¶ Includes data not shown separately. † Revisions for 1967 available upon request.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CHEMICALS AND ALLIED PRODUCTS—Continued																
CHEMICALS—Continued																
Organic chemicals, production: ^σ																
Acetic anhydride.....mil. lb.	1,651.6	1,748.0	143.5	140.9	144.4	129.5	134.5	129.5	152.1	143.0	136.2			131.5		
Acetylsalicylic acid (aspirin).....do.	31.2	37.5	3.6	3.2	3.0	1.7	2.9	2.7	3.5	3.4	3.0	2.9	3.0	3.0		
Creosote oil.....mil. gal.	106.0	119.1	9.9	10.2	9.0	9.3	11.0	10.0		6.5	8.8	10.0	8.6	10.2		
Ethyl acetate (85%).....mil. lb.	162.0	153.2	15.8	12.7	11.4	7.1	16.7	10.4	13.1	12.7	14.5	13.6	25.5	21.4		
Formaldehyde (37% HCHO).....do.	4,099.6	4,192.8	355.7	320.4	348.7	357.8	381.7	355.0	358.7	324.8	321.1	382.6	373.7	372.4		
Glycerin, refined, all grades:																
Production.....do.	347.0	344.1	28.2	28.9	26.5	31.0	30.3	31.4	29.0	24.5	26.5	27.9	29.1	28.7	28.8	
Stocks, end of period.....do.	29.5	30.5	26.9	28.8	32.4	31.9	30.5	30.5	30.5	27.5	26.5	23.8	24.9	26.5	27.3	
Methanol, synthetic.....mil. gal.	580.2	624.8	51.3	51.2	51.7	54.1	56.6	52.5	56.4	52.5	53.5	54.3	59.7	60.4		
Phthalic anhydride.....mil. lb.	748.3	774.0	72.7	65.8	58.6	58.2	61.1	64.3	72.1	56.4	61.8	63.2	58.8	64.8		
ALCOHOL																
Ethyl alcohol and spirits:																
Production.....mil. tax gal.	708.1	738.3	58.1	61.9	62.8	62.2	76.3	50.8	53.2	42.2	48.5	59.8	57.7	57.8		
Stocks, end of period.....do.	189.2	179.7	181.6	177.0	178.2	181.4	176.3	177.2	179.7	164.4	166.9	177.1	181.2	177.3		
Used for denaturation.....do.	564.4	592.7	50.2	51.4	52.4	42.9	52.7	33.7	43.8	40.2	40.7	46.6	44.0	46.3		
Taxable withdrawals.....do.	81.4	85.6	7.8	7.7	7.1	7.4	8.4	6.6	5.9	6.2	7.1	8.0	8.6	6.2		
Denatured alcohol:																
Production.....mil. wine gal.	303.5	318.5	26.7	27.6	28.1	23.2	28.3	18.0	23.7	21.6	21.6	24.9	23.7	24.8		
Consumption (withdrawals).....do.	305.6	318.7	28.2	27.3	27.9	23.3	28.2	18.1	23.7	21.4	21.7	25.1	23.6	24.3		
Stocks, end of period.....do.	2.7	2.4	2.1	2.4	2.7	2.6	2.7	2.6	2.4	2.6	2.5	2.4	2.4	3.0		
FERTILIZERS																
Exports, total ^σ.....thous. sh. tons.	18,956	16,599	1,750	1,586	1,580	1,302	1,421	1,004	1,319	1,278	1,253	1,088	1,230	579	2,078	
Nitrogenous materials.....do.	2,607	1,799	141	210	368	125	108	107	93	57	61	106	49	102	92	
Phosphate materials.....do.	13,584	12,229	1,389	1,091	914	959	1,110	704	1,039	1,079	977	840	951	323	1,773	
Potash materials.....do.	1,303	1,233	125	81	141	93	106	93	122	78	87	51	105	87	48	
Imports:																
Ammonium nitrate.....do.	227	233	13	12	9	16	13	15	19	25	22	46	59	57	15	
Ammonium sulfate.....do.	131	138	7	5	2	5	14	16	9	16	17	30	37	16	12	
Potassium chloride.....do.	3,557	3,829	176	156	235	328	491	364	393	336	377	514	579	397	218	
Sodium nitrate.....do.	205	184	11	38	15	14	18	6	19	16	9	1	1	6	21	
Potash deliveries (K ₂ O).....do.	4,170	4,799	195	108	214	325	507	453	634	331	401	631	621	453	206	
Superphosphate and other phosphatic fertilizers (100% P ₂ O ₅):																
Production.....thous. sh. tons.	4,149	4,290	339	277	316	354	379	347	393	336	356	393	408	380		
Stocks, end of period.....do.	535	448	411	406	460	440	427	429	448	468	422	359	276	267		
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly, including black blasting powder.....mil. lb.	1,582.2	1,925.0	492.3			496.6			512.5			390.9			475.3	
Paints, varnish, and lacquer, factory shipments:																
Total shipments.....mil. \$.	2,596.8	2,776.7	278.0	254.3	261.7	253.4	234.4	186.2	179.9	179.0	197.6	241.6	236.3	252.5		
Trade products.....do.	1,427.5	1,473.5	163.0	145.2	149.3	133.7	119.1	91.6	85.0	85.9	102.8	130.4	131.7	144.2		
Industrial finishes.....do.	1,159.3	1,303.5	115.1	109.1	112.4	119.7	115.3	94.6	95.0	93.1	94.8	111.2	104.6	108.3		
Sulfur, native (Frasch) and recovered:																
Production.....thous. lg. tons.	8,817	8,568	715	681	655	694	715	755	746	730	660	721	683	720		
Stocks (producers'), end of period.....do.	2,790	3,461	3,213	3,221	3,278	3,294	3,306	3,401	3,461	3,530	3,604	3,657	3,642	3,714		
PLASTICS AND RESIN MATERIALS																
Production:																
Thermosetting resins:																
Alkyd resins.....mil. lb.	1,691.6	1,628.8	55.3	53.9	51.9	51.8	61.6	43.1	43.8	44.3	45.5	47.7	53.9			
Polyester resins.....do.	1,615.4	1,667.4	50.8	51.1	51.5	54.7	58.7	54.4	55.6	49.4	49.7	58.2	57.9			
Phenolic and other tar acid resins.....do.	1,096.8	1,123.8	95.9	81.3	91.2	97.4	106.7	91.0	87.9	85.2	90.5	93.0	100.6			
Urea and melamine resins.....do.	816.1	770.5	66.4	55.5	61.9	64.0	69.9	65.1	55.7	54.8	52.8	53.8	54.9			
Thermoplastic resins:																
Cellulose plastic materials.....do.	187.3	192.6	14.8	13.0	15.0	15.6	14.8	15.5	14.0	11.0	12.0	13.3	12.8			
Coumarone-indene and petroleum polymer resins.....mil. lb.	1,348.8	1,332.6	31.2	25.9	28.5	26.6	32.0	29.4	26.5	22.9	27.7	25.1	27.4			
Styrene-type materials (polystyrene).....do.	12,805.7	13,251.6	281.9	260.8	263.9	272.4	279.0	276.9	280.2	275.5	255.1	260.2	276.2			
Vinyl resins (resin content basis).....do.	13,215.1	13,638.8	284.1	262.3	269.5	285.4	323.6	311.5	311.5	284.9	283.2	316.7	338.2			
Polyethylene.....do.	14,567.7	15,440.7	435.8	450.1	474.1	480.3	492.3	486.6	497.7	448.4	441.8	472.2	484.6			

ELECTRIC POWER AND GAS

ELECTRIC POWER																	
Production (utility and industrial), total: ^σ																	
mil. kw.-hr.	1,436,029	1,552,299	129,765	143,951	142,630	128,515	129,414	125,601	136,786	141,110	124,678	132,333	126,528	130,470	-----	-----	-----
Electric utilities, total.....do.	1,329,443	1,441,939	120,455	134,789	133,319	119,469	119,980	116,465	127,357	131,732	116,010	123,051	117,443	121,197	-----	-----	-----
By fuels.....do.	1,106,952	1,191,861	99,497	113,766	112,485	101,164	101,040	96,941	106,027	109,474	95,973	100,878	95,722	99,394	-----	-----	-----
By waterpower.....do.	222,491	250,078	20,957	21,023	20,834	18,304	18,940	19,524	21,330	22,258	20,037	22,073	21,721	21,803	-----	-----	-----
Privately and municipally owned util.....do.	1,083,117	1,171,693	97,935	109,560	108,870	97,968	98,711	94,736	103,589	107,213	94,335	99,877	96,192	98,722	-----	-----	-----
Other producers (publicly owned).....do.	246,326	270,247	22,519	25,229	24,449	21,501	21,269	21,729	23,768	24,519	21,675	23,174	21,250	22,475	-----	-----	-----
Industrial establishments, total.....do.	106,586	110,360	9,310	9,162	9,311	9,046	9,434	9,137	9,429	9,378	8,668	9,283	9,085	9,274	-----	-----	-----
By fuels.....do.	103,203	107,076	9,020	8,896	9,050	8,813	9,184	8,869	9,144	9,070	8,367	8,978	8,765	8,961	-----	-----	-----
By waterpower.....do.	3,383	3,283	289	266	261	233	250	267	285	307	301	305	320	312	-----	-----	-----

* Revised.

1 Revised annual total; revisions are not distributed to the monthly data.

σ Data are reported on the basis of 100 percent content of the specified material unless

otherwise indicated. ? Includes data not shown separately.

† Revised data for the months of 1968 will be shown later.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
ELECTRIC POWER AND GAS—Continued																
ELECTRIC POWER—Continued																
Sales to ultimate customers, total (EEI) mil. kw.-hr.	1,202,321	1,307,178	105,615	113,510	118,124	117,375	110,128	106,862	111,506	116,941	113,452	111,774	109,247			
Commercial and industrial:																
Small light and power	1265,151	286,686	24,145	26,473	27,370	27,282	24,619	23,232	23,651	24,464	23,982	23,609	23,564			
Large light and power	1518,834	557,221	47,157	46,547	48,022	48,257	48,418	47,080	47,190	46,096	45,583	47,041	47,030			
Railways and railroads	14,540	4,531	328	348	348	341	365	379	443	453	403	415	376			
Residential or domestic	1367,692	407,922	29,859	35,934	38,103	37,149	32,335	31,823	35,759	41,404	39,088	36,307	34,037			
Street and highway lighting	110,302	10,772	794	809	821	878	948	988	1,044	1,032	964	933	891			
Other public authorities	132,162	35,861	2,976	3,016	3,073	3,078	3,075	3,007	3,063	3,122	3,087	3,079	3,005			
Interdepartmental	13,640	4,186	356	384	385	391	369	352	357	369	365	386	374			
Revenue from sales to ultimate customers (Edison Electric Institute) mil. \$	18,579.9	20,139.3	1,632.3	1,762.3	1,830.9	1,825.1	1,705.8	1,653.8	1,715.1	1,798.8	1,757.5	1,721.0	1,697.8			
GAS																
Manufactured and mixed gas:																
Customers, end of period, total	thous. 579	575	576			567			575							
Residential	543	538	539			531			538							
Industrial and commercial	36	36	35			35			36							
Sales to consumers, total	mil. therms. 1,466	1,519	325			179			408							
Residential	825	825	171			64			216							
Industrial and commercial	617	667	147			114			184							
Revenue from sales to consumers, total	mil. \$ 129.0	130.6	28.6			16.1			34.6							
Residential	81.4	80.3	17.4			7.9			20.9							
Industrial and commercial	45.9	48.1	10.7			8.0			13.1							
Natural gas:																
Customers, end of period, total	thous. 39,950	40,769	39,846			39,876			40,769							
Residential	36,672	37,413	36,622			36,681			37,413							
Industrial and commercial	3,231	3,307	3,178			3,148			3,307							
Sales to consumers, total	mil. therms. 143,521	154,430	35,251			29,483			39,339							
Residential	44,701	44,129	9,534			4,067			11,905							
Industrial and commercial	92,594	91,519	24,465			23,948			25,936							
Revenue from sales to consumers, total	mil. \$ 8,644.9	9,406.6	2,072.9			1,481.4			2,453.2							
Residential	4,476.8	4,800.1	1,014.0			542.0			1,241.5							
Industrial and commercial	3,946.4	4,389.6	1,013.8			891.4			1,152.9							

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production	mil. bbl. 122.41	127.32	10.17	13.09	11.98	11.61	10.81	8.54	9.62	9.56	9.31	11.84	12.44	12.45		
Taxable withdrawals	do. 111.42	116.27	9.15	11.96	11.44	10.80	10.14	8.28	9.24	8.47	8.04	10.35	10.66	11.45		
Stocks, end of period	do. 11.56	11.90	13.57	13.55	13.12	13.05	12.81	12.38	11.90	12.43	12.99	13.46	14.12	14.20		
Distilled spirits (total):																
Production	mil. tax gal. 238.33	229.34	17.79	15.17	12.01	17.70	22.75	19.84	20.87	20.55	20.28	21.26	20.11	18.16		
Consumption, apparent, for beverage purposes	do. 1344.07	1361.67	30.46	29.59	28.41	27.79	33.03	33.66	42.64	25.71	25.07	30.98	29.92			
Taxable withdrawals	mil. tax gal. 147.63	164.55	14.51	14.31	13.90	15.19	17.82	14.17	12.19	12.40	11.32	16.10	14.83	13.23		
Stocks, end of period	do. 956.44	991.42	984.51	983.82	979.91	979.24	981.02	983.86	991.42	998.08	1,002.98	1,005.66	1,008.95	1,010.84		
Imports	mil. proof gal. 75.45	87.08	6.94	6.83	5.81	6.73	11.47	9.03	10.84	5.66	5.46	7.55	7.03	6.28	7.29	
Whisky:																
Production	mil. tax gal. 178.05	169.87	12.07	10.65	7.71	12.22	16.03	14.00	15.36	15.30	14.96	15.69	15.21	12.85		
Taxable withdrawals	do. 95.28	108.01	9.05	9.02	8.38	10.14	12.80	9.80	8.06	8.10	8.27	10.64	9.88	7.79		
Stocks, end of period	do. 904.35	938.46	933.75	934.02	931.47	930.50	930.93	932.35	938.46	944.66	949.15	951.64	955.47	959.53		
Imports	mil. proof gal. 66.50	74.29	6.03	6.02	5.10	5.89	10.29	7.97	7.30	4.67	4.83	6.66	6.22	5.49	6.34	
Rectified spirits and wines, production, total	mil. proof gal. 110.56	116.55	11.00	10.38	9.09	10.04	11.90	8.99	8.17	8.11	8.44	11.07	10.85	8.15		
Whisky	do. 66.71	68.02	6.57	6.52	5.27	5.87	7.10	5.15	4.27	4.22	4.86	6.58	6.57	4.36		
Wines and distilling materials:																
Effervescent wines:																
Production	mil. wine gal. 12.17	15.80	1.25	.96	1.40	1.16	1.70	1.67	1.97	1.81	1.71	2.06	2.02	1.80		
Taxable withdrawals	do. 10.29	13.70	1.12	.73	1.19	1.30	1.83	1.55	2.04	1.81	1.27	1.64	1.27	1.37		
Stocks, end of period	do. 5.26	6.19	6.56	6.70	6.77	6.65	6.40	6.45	6.19	6.48	6.82	7.15	7.80	8.10		
Imports	do. 2.23	2.41	.24	.17	.14	.15	.31	.29	.27	.11	.10	.12	.15	.14	.13	
Still wines:																
Production	do. 222.89	277.81	2.49	1.99	8.03	57.81	126.45	55.85	9.49	4.08	3.87	4.60	2.98	3.47		
Taxable withdrawals	do. 181.52	197.23	16.03	12.86	16.88	16.46	19.31	16.01	17.90	18.44	16.36	20.64	16.76	15.10		
Stocks, end of period	do. 268.28	306.36	180.78	169.98	158.76	193.87	293.13	326.97	306.36	290.91	274.56	256.07	240.99	226.63		
Imports	do. 19.98	22.28	2.31	2.01	1.71	1.75	2.33	2.50	2.65	1.76	1.65	2.23	2.24	2.42	2.37	
Distilling materials produced at wineries	do. 373.08	403.32	2.13	2.74	19.67	118.03	161.97	52.16	25.52	7.62	6.55	6.34	2.85	2.15		
DAIRY PRODUCTS																
Butter, creamery:																
Production (factory)	mil. lb. 1,164.8	1,121.1	111.6	93.2	77.1	67.7	76.7	71.3	90.3	99.9	93.0	105.6	109.1	116.7	112.4	
Stocks, cold storage, end of period	do. 117.4	88.6	195.3	198.0	185.6	155.3	125.2	104.3	88.6	77.4	81.3	91.6	114.3	147.0	186.0	199.8
Price, wholesale, 92-score (N.Y.)	\$ per lb. .678	.685	.684	.686	.688	.693	.687	.687	.696	.686	.687	.688	.707	.708	.707	
Cheese:																
Production (factory), total	mil. lb. 1,939.2	1,985.9	202.1	181.3	167.3	155.0	153.4	146.1	168.1	168.5	160.2	187.4	194.4	215.6	215.4	
American, whole milk	do. 1,273.8	1,266.4	139.7	122.2	110.2	96.2	91.9	85.4	100.9	107.6	103.0	120.4	133.9	149.3	150.0	
Stocks, cold storage, end of period	do. 381.0	317.5	366.1	387.1	386.2	369.5	350.9	328.7	317.5	298.0	285.7	286.2	303.9	335.8	370.3	386.4
American, whole milk	do. 318.7	265.4	307.0	326.4	325.9	309.0	294.6	274.8	265.4	249.6	238.0	238.9	257.7	281.0	315.2	329.3
Imports	do. 168.2	130.0	12.0	10.0	9.6	12.5	14.3	3.9	20.8	10.9	10.8	16.0	11.5	9.4	10.9	
Price, wholesale, American, single daisies (Chicago)	\$ per lb. .548	.603	.603	.606	.606	.608	.621	.630	.636	.647	.659	.663	.646	.632	.634	

Revised. Annual total reflects revisions not distributed to the monthly or quarterly data.

§ Data are not wholly comparable on a year to year basis because of changes from one classification to another. ¶ Includes data not shown separately.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

DAIRY PRODUCTS—Continued																
Condensed and evaporated milk:																
Production, case goods:																
Condensed (sweetened).....mil. lb.	87.4	84.9	7.6	8.1	7.3	8.5	8.9	5.9	3.9	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Evaporated (unsweetened).....do.	1,360.0	1,413.8	146.8	139.1	135.4	101.3	93.5	83.6	108.5	102.1	96.2	107.2	114.0	133.4	136.5	-----
Stocks, manufacturers', case goods, end of period:																
Condensed (sweetened).....mil. lb.	2.1	1.9	3.9	2.9	3.9	3.0	3.0	2.2	1.9	5.7	(6)	(6)	(6)	(6)	(6)	(6)
Evaporated (unsweetened).....do.	99.1	105.0	151.6	188.9	211.2	194.6	147.7	113.6	105.0	90.9	85.1	88.4	79.6	130.2	173.2	-----
Exports:																
Condensed (sweetened).....do.	42.4	52.1	6.1	4.5	4.0	8.2	6.9	4.4	.6	(1)	(1)	.1	(1)	(1)	(1)	(1)
Evaporated (unsweetened).....do.	33.7	37.1	2.4	4.2	2.0	2.8	4.2	3.4	2.4	2.3	3.2	2.3	4.4	3.6	1.8	-----
Price, manufacturers' average selling:																
Evaporated (unsweetened).....\$ per case	7.26	7.50	7.51	7.51	7.51	7.51	7.53	7.59	7.62	7.75	7.76	7.77	7.85	7.96	8.04	-----
Fluid milk:																
Production on farms.....mil. lb.	117,234	116,200	10,759	10,142	9,673	9,165	9,138	8,691	9,170	9,412	8,840	10,053	10,330	11,019	10,750	10,162
Utilization in mfd. dairy products.....do.	58,163	57,666	5,960	5,416	4,844	4,174	4,104	3,702	4,343	4,649	4,543	5,287	5,524	6,067	6,140	-----
Price, wholesale, U.S. average.....\$ per 100 lb.	5.24	5.46	5.08	5.22	5.37	5.66	5.82	5.89	5.87	5.81	5.69	5.55	5.51	5.39	5.33	5.45
Dry milk:																
Production:																
Dry whole milk.....mil. lb.	70.8	66.1	7.6	5.9	4.9	4.5	4.6	5.2	5.2	5.1	4.7	6.1	6.1	6.2	7.3	-----
Nonfat dry milk (human food).....do.	1,594.4	1,431.7	172.1	137.8	112.0	83.1	79.0	79.2	101.5	102.5	106.8	132.2	148.4	185.7	179.9	-----
Stocks, manufacturers', end of period:																
Dry whole milk.....do.	7.6	6.6	8.0	9.4	8.2	7.1	6.7	5.7	6.6	5.8	5.6	4.7	5.1	6.6	8.0	-----
Nonfat dry milk (human food).....do.	79.0	83.9	141.0	154.4	150.9	130.5	108.0	90.2	83.9	81.1	81.8	80.6	101.4	138.7	159.0	-----
Exports:																
Dry whole milk.....do.	18.6	15.6	1.6	1.3	1.4	1.3	1.2	.5	.7	1.5	3.8	1.4	1.0	1.0	.7	-----
Nonfat dry milk (human food).....do.	151.0	111.6	13.2	9.7	5.0	6.4	8.8	10.4	7.4	25.7	29.2	14.2	10.7	9.0	14.2	-----
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.224	.235	.235	.234	.234	.236	.236	.237	.237	.238	.236	.237	.262	.269	.276	-----
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat).....mil. bu.	1,267.4	1,059.0	92.2	99.5	90.3	102.2	103.6	123.6	100.8	97.6	107.1	93.9	100.7	104.6	102.5	-----
Barley:																
Production (crop estimate).....do.	2423.0	2417.2	-----	-----	-----	-----	-----	-----	420.1	-----	-----	326.4	-----	-----	232.1	7410.5
Stocks (domestic), end of period.....do.	371.6	420.1	199.5	-----	-----	497.4	-----	-----	258.0	-----	-----	192.8	-----	-----	132.1	1403
On farms.....do.	247.7	258.0	114.9	-----	-----	306.6	-----	-----	162.1	-----	-----	133.6	-----	-----	100.0	-----
Off farms.....do.	123.9	162.1	84.6	-----	-----	190.8	-----	-----	.2	.1	.2	.1	.1	6.5	7.8	-----
Exports, including malt.....do.	17.8	8.3	1.3	.3	.1	.4	.7	.3	.2	.1	.2	.1	.1	6.5	7.8	-----
Prices, wholesale (Minneapolis):																
No. 2, malting.....\$ per bu.	1.18	1.12	1.13	1.09	1.00	1.06	1.08	1.08	1.08	1.06	1.06	1.07	1.10	1.15	1.16	-----
No. 3, straight.....do.	1.18	1.12	1.14	1.09	1.00	1.06	1.08	1.07	1.07	1.06	1.06	1.07	1.09	1.15	1.16	-----
Corn:																
Production (crop estimate, grain only).....mil. bu.	24,393	24,578	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	74,693
Stocks (domestic), end of period, total.....mil. bu.	4,233	4,313	2,068	-----	-----	1,113	-----	-----	4,313	-----	-----	2,989	-----	-----	1,923	-----
On farms.....do.	371.6	3,320	1,487	-----	-----	728	-----	-----	3,320	-----	-----	2,222	-----	-----	1,403	-----
Off farms.....do.	957	993	581	-----	-----	385	-----	-----	993	-----	-----	768	-----	-----	520	-----
Exports, including meal and flour.....do.	594.0	553.5	43.6	51.3	54.8	64.5	55.3	79.6	48.6	40.2	50.3	44.3	40.0	50.0	40.0	-----
Prices, wholesale:																
No. 3, yellow (Chicago).....\$ per bu.	1.11	1.21	1.30	1.27	1.28	1.19	1.16	1.15	1.15	1.22	1.23	1.22	1.26	1.30	1.34	-----
Weighted avg., 5 markets, all grades.....do.	1.11	1.19	1.28	1.22	1.22	1.15	1.17	1.12	1.12	1.19	1.22	1.21	1.25	1.29	1.32	-----
Oats:																
Production (crop estimate).....mil. bu.	2939	2950	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7903
Stocks (domestic), end of period, total.....do.	784	884	375	-----	-----	1,023	-----	-----	884	-----	-----	673	-----	-----	489	-----
On farms.....do.	661	723	375	-----	-----	830	-----	-----	723	-----	-----	529	-----	-----	345	-----
Off farms.....do.	123	161	100	-----	-----	194	-----	-----	161	-----	-----	144	-----	-----	145	-----
Exports, including oatmeal.....do.	11.6	7.6	.4	.5	.7	.7	.7	.4	.4	.3	1.0	.5	.9	.4	.5	-----
Price, wholesale, No. 2, white (Chicago).....\$ per bu.	4.72	5.67	.64	.63	.61	.62	-----	-----	-----	.71	-----	-----	.67	.68	.66	-----
Rice:																
Production (crop estimate).....mil. bags	2104.1	291.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	782.2
California mills:																
Receipts, domestic, rough.....mil. lb.	2,020	2,012	67	96	67	209	336	36	79	63	87	78	127	244	281	-----
Shipments from mills, milled rice.....do.	1,376	1,515	79	88	43	87	59	44	47	60	67	63	39	171	258	-----
Stocks, rough and cleaned (cleaned basis), end of period.....mil. lb.	312	270	93	71	73	127	284	266	270	250	241	228	280	136	249	-----
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers.....mil. lb.	7,086	6,136	200	205	347	1,636	1,687	602	424	326	280	330	269	110	44	-----
Shipments from mills, milled rice.....do.	4,774	4,818	544	464	333	438	538	450	461	406	374	373	423	335	220	-----
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.	2,013	1,695	797	476	681	1,410	1,894	1,862	1,695	1,508	1,322	1,176	931	717	504	-----
Exports.....do.	4,163	4,183	629	372	291	254	375	349	362	235	337	306	188	366	499	-----
Price, wholesale, No. 2 (N.O.).....\$ per lb.	.087	.085	.085	.084	.084	.085	.086	.086	.086	.085	.085	.085	.085	.085	.085	-----
Rye:																
Production (crop estimate).....mil. bu.	223.4	231.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	736.2
Stocks (domestic), end of period.....do.	24.3	29.9	16.0	-----	-----	38.3	-----	-----	29.9	-----	-----	24.6	-----	-----	21.3	-----
Price, wholesale, No. 2 (Minneapolis).....\$ per bu.	1.14	1.17	1.22	1.17	1.06	1.07	1.12	1.13	1.14	1.15	1.16	1.18	1.18	1.20	1.18	-----
Wheat:																
Production (crop estimate), total.....mil. bu.	21,576	21,459	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	71,357
Spring wheat.....do.	2341	2311	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	246	71,112
Winter wheat.....do.	21,235	21,148	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Distribution.....do.	1,444	1,275	294	-----	-----	407	-----	-----	340	-----	-----	338	-----	-----	315	-----
Stocks (domestic), end of period, total.....do.	1,346	1,531	819	-----	-----	1,870	-----	-----	1,531	-----	-----	1,195	-----	-----	880	-----
On farms.....do.	581	608	328	-----	-----	752	-----	-----	608	-----	-----	454	-----	-----	305	-----
Off farms.....do.	764	923	491	-----	-----	1,119	-----	-----	923	-----	-----	741	-----	-----	575	-----

Revised. ¹ Less than 50 thousand pounds. ² Crop estimate for the year. ³ Old crop only; new crop not reported until beginning of new crop year (July for barley, oats, rye, and wheat; Oct. for corn). ⁴ Average for 11 months; no price for Nov. ⁵ Average for

Jan.-Sept. ⁶ Condensed milk reported with evaporated to avoid disclosing operations of individual firms. ⁷ August 1 estimate of 1970 crop. ⁸ Excludes pearl barley. ⁹ Bags of 100 lbs.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																	
GRAIN AND GRAIN PRODUCTS—Con.																	
Wheat—Continued																	
Exports, total, including flour..... mil. bu.	642.1	488.8	46.6	47.4	34.5	36.5	46.9	43.2	51.6	56.9	55.6	49.0	59.7	47.6	54.2	-----	
Wheat only..... do.	587.8	439.9	39.5	41.8	32.4	32.9	40.5	38.4	48.1	51.7	51.4	44.6	54.4	43.4	48.3	-----	
Prices, wholesale:																	
No. 1, dark northern spring (Minneapolis) \$ per bu.	1.79	1.80	1.77	1.81	1.73	1.79	1.82	1.83	1.88	1.86	1.93	1.88	1.91	1.89	1.93	-----	
No. 2, hd. and dk. hd. winter (Kans. City)..... do.	1.52	1.48	1.45	1.34	1.44	1.48	1.53	1.52	1.52	1.53	1.53	1.49	1.54	1.53	1.45	-----	
Weighted avg., 6 markets, all grades..... do.	1.77	1.75	1.70	1.65	1.66	1.72	1.75	1.76	1.78	1.75	1.72	1.73	1.75	1.75	1.76	-----	
Wheat flour:																	
Production:																	
Flour..... thous. sacks (100 lb.)..	254,185	254,094	20,758	19,620	21,455	22,201	23,357	22,170	23,068	21,960	21,015	21,347	20,756	19,826	20,044	-----	
Offal..... thous. sh. tons.	4,510	4,558	365	345	377	387	407	385	402	383	357	372	352	347	354	-----	
Grindings of wheat..... thous. bu.	569,649	567,956	46,457	44,119	47,974	49,519	51,894	49,344	51,348	48,905	47,424	47,089	45,834	44,500	44,265	-----	
Stocks held by mills, end of period																	
thous. sacks (100 lb.)..	4,638	4,595	4,324	-----	4,391	-----	-----	-----	4,595	-----	4,237	-----	-----	-----	4,223	-----	
Exports.....	23,264	21,132	3,027	2,429	919	1,534	2,751	2,052	1,499	2,232	1,726	1,860	2,238	1,837	2,523	-----	
Prices, wholesale:																	
Spring, standard patent (Minneapolis) \$ per 100 lb.	5.927	5.923	5.888	6.013	6.025	5.913	5.950	5.988	6.000	6.000	6.063	6.088	-----	-----	-----	-----	
Winter, hard, 95% patent (Kans. City)..... do.	5.449	5.438	5.463	5.588	5.488	5.413	5.488	5.475	5.488	5.513	5.538	5.525	-----	-----	-----	-----	
LIVESTOCK																	
Cattle and calves:																	
Slaughter (federally inspected):																	
Calves..... thous. animals..	3,876	3,637	248	282	271	308	329	281	302	290	239	290	263	220	210	-----	
Cattle..... do.	29,592	30,536	2,434	2,611	2,608	2,724	2,887	2,368	2,568	2,653	2,318	2,477	2,545	2,493	2,615	-----	
Receipts at 38 public markets..... do.	11,699	12,715	1,010	946	957	1,203	1,380	1,130	1,052	965	850	983	927	990	997	927	
Prices, wholesale:																	
Beef steers (Chicago)..... \$ per 100 lb.	27.65	30.48	34.20	31.57	30.97	29.85	29.10	28.71	28.86	29.25	30.25	31.92	31.53	30.36	30.61	31.35	
Steers, stocker and feeder (Kansas City)..... do.	25.89	29.30	33.17	29.87	29.20	28.37	28.81	29.30	29.55	29.44	31.31	33.36	32.40	31.36	30.84	29.52	
Calves, vealers (Natl. Stockyards, Ill.)..... do.	33.83	37.29	39.00	35.00	34.00	34.00	34.00	35.00	37.50	38.00	38.00	43.50	-----	-----	-----	-----	
Hogs:																	
Slaughter (federally inspected)..... thous. animals..	74,789	75,682	5,591	5,739	5,708	6,611	7,100	5,825	6,344	6,170	5,570	6,415	6,678	5,877	5,685	-----	
Receipts at 38 public markets..... do.	15,932	15,415	1,225	1,204	1,095	1,266	1,374	1,146	1,276	1,166	1,003	1,182	1,253	1,156	1,153	1,106	
Prices:																	
Wholesale, average, all grades (Sioux City)* \$ per 100 lb.	19.08	23.65	25.06	26.10	26.95	25.98	25.49	25.79	26.86	27.52	28.23	25.89	24.05	23.28	23.87	23.57	
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....	18.0	20.3	20.3	21.1	21.9	21.7	22.1	23.4	23.6	23.5	24.0	22.7	20.7	19.4	19.2	19.3	
Sheep and lambs:																	
Slaughter (federally inspected)..... thous. animals..	10,888	10,070	810	822	797	915	931	730	798	855	742	859	903	795	841	-----	
Receipts at 38 public markets..... do.	2,934	2,704	251	252	230	291	303	218	213	193	139	169	161	185	242	230	
Price, wholesale, lambs, average (Omaha)* \$ per 100 lb.	26.58	28.53	30.38	29.25	28.62	27.75	28.38	27.50	27.50	28.88	28.75	28.75	26.00	29.00	29.50	28.38	
MEATS AND LARD																	
Total meats:																	
Production (carcass weight, leaf lard in), inspected slaughter..... mil. lb.	32,714	33,372	2,602	2,705	2,650	2,917	3,170	2,617	2,872	2,892	2,537	2,821	2,920	2,737	2,770	-----	
Stocks (excluding lard), cold storage, end of period..... mil. lb.	625	637	556	513	513	550	612	635	637	659	721	743	811	815	728	665	
Exports (meat and meat preparations)..... do.	508	571	45	46	40	47	62	51	43	31	32	33	37	42	41	-----	
Imports (meat and meat preparations)..... do.	1,594	1,685	139	163	188	174	165	100	122	173	155	175	143	112	148	-----	
Beef and veal:																	
Production, inspected slaughter..... do.	18,270	18,874	1,499	1,591	1,570	1,678	1,805	1,478	1,632	1,696	1,460	1,594	1,616	1,580	1,643	-----	
Stocks, cold storage, end of period..... do.	304	363	238	246	273	311	342	343	363	378	401	390	380	363	327	320	
Exports..... do.	29	28	2	2	2	2	2	2	2	3	2	3	3	3	3	-----	
Imports..... do.	1,129	1,194	99	118	148	131	120	62	81	135	108	123	94	70	99	-----	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York) \$ per lb.	.473	.492	.556	.521	.498	.478	.460	.457	.468	.488	.487	.512	.506	.488	.499	.517	
Lamb and mutton:																	
Production, inspected slaughter..... mil. lb.	545	510	40	40	38	45	47	37	42	45	40	47	48	41	42	-----	
Stocks, cold storage, end of period..... do.	14	16	13	12	15	16	17	17	16	17	18	22	21	19	20	21	
Pork (including lard), production, inspected slaughter..... mil. lb.	13,899	13,989	1,064	1,074	1,041	1,195	1,318	1,102	1,199	1,151	1,011	1,180	1,255	1,116	1,085	-----	
Pork (excluding lard):																	
Production, inspected slaughter..... do.	11,330	11,563	877	880	860	982	1,089	906	998	951	844	985	1,045	936	897	-----	
Stocks, cold storage, end of period..... do.	256	211	246	196	168	174	202	221	211	210	237	269	329	351	304	247	
Exports..... do.	92	152	13	8	7	11	20	13	5	4	4	4	4	4	4	-----	
Imports..... do.	324	316	28	29	21	24	27	23	27	19	33	33	32	29	32	-----	
Prices, wholesale:																	
Hams, smoked composite..... \$ per lb.	.537	.580	.572	.572	.614	.592	.625	.628	.674	.679	.681	.677	.677	.681	.623	.647	
Fresh loins, 8-14 lb. average (New York)..... do.	.509	.575	.614	.631	.609	.616	.608	.622	.614	.657	.626	.578	.562	.581	.623	.647	
Lard:																	
Production, inspected slaughter..... mil. lb.	1,862	1,755	135	141	131	154	167	142	145	144	121	139	153	130	136	-----	
Stocks, dry and cold storage, end of period..... do.	94	70	76	62	55	56	58	48	70	65	62	67	75	65	64	-----	
Exports..... do.	175	262	15	11	23	22	30	42	13	25	38	37	13	30	19	-----	
Price, wholesale, refined (Chicago)..... \$ per lb.	.112	.145	.131	.139	.150	.148	.165	.170	.169	.159	.159	.185	-----	-----	-----	-----	
POULTRY AND EGGS																	
Poultry:																	
Slaughter (commercial production)..... mil. lb.	8,915	9,492	783	842	897	949	1,048	812	840	761	653	742	786	780	921	-----	
Stocks, cold storage (frozen), end of period, total..... mil. lb.	417	307	200	248	324	423	539	390	307	272	250	223	208	214	250	322	
Turkeys..... do.	317	192	119	163	237	329	436	284	192	162	133	101	82	74	95	157	
Price, in Georgia producing area, live broilers \$ per lb.	.131	.140	.150	.165	.155	.145	.135	.130	.120	.140	.135	.140	.125	.130	.120	.125	

* Revised.

† Annual total reflects revisions not distributed to the months; receipts data for 1968 represent

receipts at 28 public markets. ‡ Beginning Jan. 1969, quotations are on carlot rather than l.c.l. basis as previously.

* New series. Monthly data for earlier years will be shown later.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																	
POULTRY AND EGGS—Continued																	
Eggs:																	
Production on farms.....mil. cases○	192.5	191.5	16.0	16.1	15.9	15.3	15.9	15.6	16.3	16.3	14.8	16.8	16.4	16.8	15.9	16.2	
Stocks, cold storage, end of period:																	
Shell.....thous. cases○	59	51	300	213	120	85	45	64	51	46	79	83	61	111	157	142	
Frozen.....mil. lb.	72	43	61	66	64	56	55	50	43	41	40	41	43	48	56	61	
Price, wholesale, large (delivered; Chicago) \$ per doz.	.372	.460	.351	.471	.433	.488	.471	.595	.627	.610	.515	.480	.374	.330	.359		
MISCELLANEOUS FOOD PRODUCTS																	
Cocoa (cacao) beans:																	
Imports (incl. shells).....thous. lg. tons	228.2	218.4	15.4	25.5	21.6	6.3	12.5	18.8	30.7	36.8	23.9	22.6	24.0	21.9	15.8		
Price, wholesale, Accra (New York) \$ per lb.	.344	.458	.456	.478	.469	.444	.461	.500	.458	.395	.340	.336	.323	.286	.300	.310	
Coffee (green):																	
Inventories (roasters', importers', dealers'), end of period.....thous. bags○	5,076	3,811	3,389			3,361			3,811			3,334			3,437		
Roastings (green weight).....do	21,165	20,851	5,080			4,780			5,621			5,390			5,143		
Imports, total.....do	25,377	20,232	1,747	1,714	1,476	1,778	2,327	2,167	1,675	1,783	1,841	1,716	1,639	1,644	1,891		
From Brazil.....do	8,318	5,780	563	529	329	459	539	706	400	482	562	323	333	323	595		
Price, wholesale, Santos, No. 4 (N.Y.) \$ per lb.	.376	.408	.375	.375	.390	.410	.478	.490	.485	.548	.548	.543					
Confectionery, manufacturers' sales.....mil. \$	1,756	1,848	121	110	138	204	197	183	156	159	177	165	129	124	132		
Fish:																	
Stocks, cold storage, end of period.....mil. lb.	285	275	201	230	253	268	263	269	275	256	221	196	192	201	229	264	
Sugar (United States):																	
Deliveries and supply (raw basis):‡																	
Production and receipts:																	
Production.....thous. sh. tons	4,395	4,298	95	77	95	153	653	1,036	795	647	419	169	150	128			
Entries from off-shore, total †.....do	6,680	6,350	524	548	601	576	538	404	436	935	158	399	645	530	103		
Hawaii and Puerto Rico.....do	1,707	1,501	148	102	171	235	144	141	43	41	99	95	155	148	155		
Deliveries, total †.....do	11,089	10,804	976	1,019	1,058	1,077	928	806	929	826	795	944	880	948			
For domestic consumption.....do	10,927	10,655	965	1,008	1,077	1,062	814	798	919	815	783	928	868	937			
Stocks, raw and ref., end of period.....do	2,961	2,796	2,396	2,164	1,698	1,396	1,625	2,307	2,796	2,858	2,827	2,671	2,636	2,424	2,707		
Exports, raw and refined.....sh. tons	1,320	968	46	38	69	57	120	50	68	133	2,728	4,045	217	136			
Imports:																	
Raw sugar, total †.....thous. sh. tons	4,879	4,776	538	577	416	328	423	385	506	289	263	396	600	358	515		
From the Philippines.....do	1,075	1,024	153	124	95	71	42	23	130	165	4	111	135	95	120		
Refined sugar, total.....do	117	124	2	7	13	6	(1)	2	67	(1)	2	2	9	1	1		
Prices (New York):																	
Raw, wholesale.....\$ per lb.	.075	.078	.078	.075	.078	.078	.079	.078	.076	.081	.080	.079	.079	.082	.082	.082	
Refined:																	
Retail (incl. N.E. New Jersey).....\$ per 5 lb.	.624	.638	.642	.641	.646	.647	.643	.645	.646	.652	.662	.671	.669	.671			
Wholesale (excl. excise tax).....\$ per lb.	.101	.107	.107	.108	.108	.108	.109	.109	.109	.111	.109	.109					
Tea, imports.....thous. lb.	155,335	139,962	13,655	11,644	8,892	13,760	11,141	13,593	11,773	10,826	10,264	15,285	12,767	11,503	10,972		
FATS, OILS, AND RELATED PRODUCTS																	
Baking or frying fats (incl. shortening):																	
Production.....mil. lb.	3,311.9	3,480.5	281.1	244.4	281.7	294.5	341.9	321.6	309.0	295.0	302.2	314.5	303.1	294.6	293.9		
Stocks, end of period⊕.....do	142.7	138.7	144.5	130.7	128.2	116.3	113.1	116.0	138.7	120.0	114.0	114.7	140.8	134.2	155.3		
Salad or cooking oils:																	
Production.....do	2,995.9	3,143.7	322.0	253.5	242.8	254.3	268.4	274.9	279.4	263.7	263.6	293.9	285.4	276.1	313.4		
Stocks, end of period⊕.....do	79.4	70.5	74.7	62.5	60.2	60.2	53.0	63.3	70.5	76.4	77.3	68.8	83.6	93.4	85.0		
Margarine:																	
Production.....do	2,140.9	2,181.9	169.5	161.0	162.6	187.2	209.8	179.2	207.0	202.5	198.4	190.3	169.4	157.9	180.5		
Stocks, end of period⊕.....do	49.1	52.1	54.1	55.5	51.0	50.1	54.4	53.8	52.1	48.5	60.6	57.7	50.4	52.5	65.4		
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered).....\$ per lb.	.256	.260	.257	.257	.257	.257	.265	.272	.272	.272	.272	.282					
Animal and fish fats:△																	
Tallow, edible:																	
Production (quantities rendered).....mil. lb.	539.1	534.6	40.5	39.7	43.1	44.4	49.5	48.7	49.3	49.9	47.7	46.7	48.0	46.7	45.9		
Consumption in end products.....do	517.3	510.9	45.6	37.2	43.3	43.0	48.0	41.3	35.2	40.9	50.6	51.7	48.4	51.8	49.5		
Stocks, end of period⊕.....do	49.6	45.9	32.8	28.3	27.8	25.6	26.0	34.5	45.9	46.0	49.0	43.8	40.0	37.3	36.2		
Tallow and grease (except wool), inedible:																	
Production (quantities rendered).....do	4,745.2	4,655.0	363.8	382.8	374.3	383.2	432.9	393.8	398.3	420.4	378.4	392.0	407.1	392.1	392.9		
Consumption in end products.....do	2,478.0	2,595.3	219.9	211.5	208.1	220.5	238.1	211.0	208.2	209.4	202.6	208.2	220.5	215.6	225.6		
Stocks, end of period⊕.....do	358.5	348.0	281.2	283.3	290.4	303.6	330.8	353.7	348.0	416.8	429.9	370.0	365.8	338.7	317.8		
Fish and marine mammal oils:																	
Production.....do	170.8	171.6	27.2	29.3	31.4	28.2	14.0	8.2	4.7	.7	.5	.7	3.1	22.3	35.5		
Consumption in end products.....do	69.9	75.6	7.1	5.0	5.8	7.2	6.6	6.8	6.9	7.1	6.0	5.3	5.9	6.1	6.6		
Stocks, end of period⊕.....do	155.8	84.0	130.9	142.1	126.0	131.4	148.2	104.6	84.0	90.8	79.7	66.1	74.0	74.1	115.3		
Vegetable oils and related products:																	
Coconut oil:																	
Production: Crude.....mil. lb.	392.1	386.3	33.2	19.1	35.4	35.8	38.2	35.3	38.0	25.6	26.2	14.2	19.1	(d)	(d)		
Refined.....do	548.7	547.5	43.6	41.3	48.5	47.8	46.2	42.7	44.3	44.3	42.8	44.4	48.5	41.1	51.7		
Consumption in end products.....do	730.7	732.6	61.0	52.3	59.4	65.1	67.7	58.3	61.2	55.1	64.7	63.4	71.1	63.1	65.3		
Stocks, crude and ref., end of period‡.....do	197.1	205.9	154.2	138.5	139.8	131.4	152.2	172.7	205.9	200.4	139.5	138.3	122.1	122.9	134.1		
Imports.....do	442.8	424.6	33.0	31.6	28.3	18.4	28.7	21.2	7.2	146.5	49.4	30.3	18.4	51.7	76.1		
Corn oil:																	
Production: Crude.....do	452.8	465.5	40.1	37.5	38.5	39.2	41.2	37.9	38.0	36.9	38.6	43.9	42.1	44.5	41.3		
Refined.....do	429.6	438.1	39.5	33.8	34.1	37.1	36.2	44.2	39.0	34.6	34.9	41.5	32.6	35.9	38.9		
Consumption in end products.....do	439.6	442.2	39.9	33.3	35.5	37.7	42.0	41.1	39.7	37.3	36.0	39.9	31.4	34.2	39.4		
Stocks, crude and ref., end of period‡.....do	40.5	54.1	65.9	68.3	70.4	70.7	64.9	59.7	54.1	50.9	57.3	59.9	68.7	74.2	68.6		

Revised. Preliminary. Data withheld to avoid disclosure of operations of individual firms. Less than 500 short tons. Cases of 30 dozen. Bags of 132.276 lb. Monthly data reflect cumulative revisions

for prior periods. Includes data not shown separately; see also note "§". For data on lard, see p. S-28. Producers' and warehouse stocks. Factory and warehouse stocks.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

FATS, OILS, AND RELATED PRODUCTS—Continued																
Vegetable oils and related products—Continued																
Cottonseed cake and meal:																
Production.....thous. sh. tons.	1,574.9	2,001.9	106.8	69.6	57.0	74.9	221.5	229.9	240.0	232.0	213.4	197.7	144.2	103.1	73.7	-----
Stocks (at oil mills), end of period.....do.	135.1	74.9	179.4	155.0	99.2	64.9	61.4	79.0	74.9	83.6	108.6	146.0	148.4	161.0	141.5	-----
Cottonseed oil:																
Production: Crude.....mil. lb.	1,115.1	1,425.8	80.4	50.3	37.2	51.0	156.3	161.4	161.9	160.3	151.3	140.2	102.8	73.2	52.8	-----
Refined.....do.	1,001.5	1,252.1	94.0	72.2	54.9	61.1	106.2	110.9	129.0	120.9	125.1	129.9	96.6	77.7	67.6	-----
Consumption in end products.....do.	909.6	889.7	88.6	62.4	64.9	64.9	82.9	83.5	95.7	81.4	84.5	90.9	90.8	78.2	80.2	-----
Stocks, crude and refined (factory and warehouse), end of period.....mil. lb.	272.7	398.7	467.6	439.7	418.0	376.8	372.8	383.9	398.7	371.7	394.0	351.3	325.1	297.7	252.1	-----
Exports (crude and refined).....do.	61.7	246.5	4.9	23.2	6.9	4.7	43.4	56.1	42.6	53.0	52.2	56.2	24.0	61.0	12.2	-----
Price, wholesale (drums; N.Y.).....\$ per lb.	.163	.142	.140	.140	.140	.140	.140	.140	.163	.163	.163	.175	-----	-----	-----	-----
Linseed oil:																
Production, crude (raw).....mil. lb.	306.6	291.8	21.6	12.8	16.1	39.5	31.2	26.7	19.5	23.0	24.2	21.4	27.1	26.8	24.2	-----
Consumption in end products.....do.	193.6	193.9	18.2	17.0	17.0	16.2	17.1	13.8	13.9	13.7	16.7	14.6	16.7	17.1	18.7	-----
Stocks, crude and refined (factory and warehouse), end of period.....mil. lb.	157.2	128.8	131.4	121.3	113.1	118.8	130.7	132.0	128.8	129.0	132.6	130.4	133.9	130.4	128.9	-----
Price, wholesale (Minneapolis).....\$ per lb.	.127	.120	.119	.119	.119	.119	.119	.125	.125	.125	.110	.110	-----	-----	-----	-----
Soybean cake and meal:																
Production.....thous. sh. tons.	13,462.7	14,717.2	1,164.7	1,200.8	1,123.8	1,096.0	1,416.2	1,418.6	1,453.6	1,432.4	1,346.2	1,445.4	1,437.2	1,549.2	1,461.0	-----
Stocks (at oil mills), end of period.....do.	149.2	103.2	133.2	140.6	123.8	108.6	120.2	139.4	103.2	108.5	128.3	125.4	130.9	202.0	179.9	-----
Soybean oil:																
Production: Crude.....mil. lb.	6,149.6	6,804.7	541.2	545.9	526.9	511.8	660.3	657.6	663.7	664.2	626.5	671.3	672.3	724.1	680.2	-----
Refined.....do.	5,227.9	5,860.0	498.7	452.4	459.4	489.3	513.0	526.2	560.8	533.0	509.2	566.4	545.9	505.6	530.0	-----
Consumption in end products.....do.	5,401.6	5,926.9	517.2	457.7	480.8	513.5	531.2	527.7	551.9	531.0	523.3	554.7	526.1	491.0	548.6	-----
Stocks, crude and refined (factory and warehouse), end of period.....mil. lb.	588.6	517.2	557.2	563.3	552.5	415.4	470.7	492.1	517.2	552.0	558.6	560.7	632.3	715.8	656.6	-----
Exports (crude and refined).....do.	823.4	761.1	120.3	69.6	20.2	90.9	45.3	100.8	97.2	62.7	46.2	151.7	73.8	81.1	197.8	-----
Price, wholesale (refined; N.Y.).....\$ per lb.	.103	.110	.107	.107	.099	.107	.124	.126	.118	.118	.115	.155	-----	-----	-----	-----
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb.	1,710	1,807	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,806
Stocks, dealers' and manufacturers' end of period.....mil. lb.	5,179	4,959	4,590	-----	-----	4,771	-----	-----	4,959	-----	4,837	-----	-----	-----	4,435	-----
Exports, incl. scrap and stems.....thous. lb.	598,916	579,106	55,541	43,536	43,134	61,733	62,293	74,688	77,312	20,483	28,225	41,111	38,280	39,927	42,307	-----
Imports, incl. scrap and stems.....do.	217,708	213,402	20,465	16,864	18,970	16,794	19,992	20,902	14,416	16,738	17,413	18,303	19,109	16,474	17,776	-----
Manufactured:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions.....	53,845	47,118	5,321	5,009	3,986	3,718	4,146	3,702	3,654	3,874	3,538	4,843	4,619	4,053	-----	-----
Taxable.....do.	523,007	510,532	45,249	41,845	43,208	45,586	45,768	38,875	38,036	42,627	40,900	40,588	45,038	42,549	-----	-----
Cigars (large), taxable.....do.	6,759	6,739	576	544	621	604	715	599	412	502	491	527	544	631	-----	-----
Exports, cigarettes.....do.	26,461	24,970	2,958	2,597	2,693	1,962	2,089	2,027	2,329	1,935	1,967	2,608	2,374	2,838	3,120	-----

LEATHER AND PRODUCTS

HIDES AND SKINS																
Exports:																
Value, total.....thous. \$	128,679	152,446	11,770	11,862	14,204	12,652	14,606	14,103	11,747	11,321	13,751	15,280	11,967	12,794	13,799	-----
Calf and kip skins.....thous. skins.	2,212	1,652	171	130	115	111	131	108	76	76	92	115	134	105	96	-----
Cattle hides.....thous. hides.	12,636	14,778	1,062	1,103	1,341	1,229	1,405	1,376	1,196	1,154	1,440	1,586	1,179	1,250	2,752	-----
Imports:																
Value, total.....thous. \$	78,400	62,400	5,600	6,200	4,800	4,400	3,100	2,700	3,900	4,400	4,000	6,600	5,700	5,400	4,000	-----
Sheep and lamb skins.....thous. pieces.	30,912	320,716	1,646	2,121	1,575	1,507	548	349	621	655	1,971	2,993	1,847	2,450	1,438	-----
Goat and kid skins.....do.	5,203	5,098	694	358	417	349	320	508	253	800	426	701	192	316	153	-----
Prices, wholesale, f.o.b. shipping point:																
Calfskins, packer, heavy, 9 1/4 lb.....\$ per lb.	.555	.561	.600	.575	.575	.500	.450	.450	.430	.403	.300	.300	-----	-----	-----	-----
Hides, steer, heavy, native, over 53 lb.....do.	.112	.146	.148	.148	.146	.163	.138	.136	.139	.123	.128	.128	-----	-----	-----	-----
LEATHER																
Production:																
Calf and whole kip.....thous. skins.	4,247	3,381	288	203	215	248	271	265	261	292	271	268	240	258	-----	-----
Cattle hide and side kip.....thous. hides and kips.	24,033	22,030	1,841	1,549	1,853	1,758	1,925	1,692	1,632	1,665	1,699	1,814	1,874	1,815	-----	-----
Goat and kid.....thous. skins.	6,764	5,856	491	455	330	485	539	543	431	531	393	445	418	404	-----	-----
Sheep and lamb.....do.	31,413	25,242	2,327	1,791	1,984	1,788	1,925	2,030	1,840	1,835	1,775	1,866	2,070	2,054	-----	-----
Exports:																
Upper and lining leather.....thous. sq. ft.	77,266	86,802	5,666	7,671	6,226	4,119	4,561	5,299	5,657	6,063	6,824	6,312	6,396	8,316	6,742	-----
Prices, wholesale, f.o.b. tannery:																
Sole, bends, light.....index, 1957-59=100..	95.1	107.0	105.5	105.5	105.5	111.5	111.5	112.3	112.3	112.3	112.3	112.3	-----	-----	-----	-----
Upper, chrome calf, B and C grades.....index, 1957-59=100..	91.7	92.1	95.9	94.7	94.5	90.9	81.2	81.2	85.6	85.6	77.4	82.2	-----	-----	-----	-----
LEATHER MANUFACTURES																
Shoes and slippers:																
Production, total.....thous. pairs.	642,427	580,857	47,571	43,066	49,718	47,631	52,979	43,237	44,928	47,697	47,580	50,369	49,049	45,513	-----	-----
Shoes, sandals, and play shoes, except athletic.....thous. pairs.	528,580	461,549	37,220	33,711	38,251	36,302	40,115	32,970	37,177	39,553	39,228	40,489	38,716	35,674	-----	-----
Slipperst.....do.	105,437	109,065	9,480	8,776	10,490	10,364	11,874	9,407	6,828	7,299	7,487	8,866	9,312	8,856	-----	-----
Athletic.....do.	8,331	8,423	726	475	755	825	815	714	775	700	696	848	811	786	-----	-----
Other footwear.....do.	2,079	1,742	145	104	154	140	175	146	148	145	169	166	210	197	-----	-----
Exports.....do.	2,884	2,324	190	162	207	228	172	189	221	154	189	195	166	161	172	-----
Prices, wholesale, f.o.b. factory:																
Men's and boys' oxfords, dress, elk or side upper, Goodyear welt.....index, 1957-59=100..	129.7	133.8	131.2	131.2	131.2	135.7	137.1	137.1	137.1	137.1	138.1	138.1	-----	-----	-----	-----
Women's oxfords, elk side upper, Goodyear welt.....index, 1957-59=100..	118.7	126.6	127.2	127.2	127.2	127.2	128.7	128.7	128.7	128.7	131.6	131.6	-----	-----	-----	-----
Women's pumps, low-medium quality.....do.	134.4	139.8	139.0	140.7	140.7	143.0	142.3	142.0	139.7	142.8	146.1	146.1	-----	-----	-----	-----

* Revised. * Corrected.

† Crop estimate for the year. ‡ August 1 estimate of 1970 crop.

§ Annual total reflects revisions not distributed to the monthly data.

¶ Includes data for items not shown separately.

‡ Revisions for the months of 1968 will be shown later.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July
LUMBER AND PRODUCTS																	
LUMBER—ALL TYPES¹																	
National Forest Products Association:																	
Production, total.....mil. bd. ft.	37,450	37,943	3,116	3,079	3,171	3,256	3,459	2,926	2,820	2,902	2,859	3,164	3,203	3,080	2,967	-----	-----
Hardwoods.....do	7,227	8,462	728	713	782	763	799	753	638	657	673	709	695	647	622	-----	-----
Softwoods.....do	30,223	29,481	2,388	2,366	2,389	2,493	2,660	2,173	2,182	2,245	2,186	2,455	2,508	2,433	2,345	-----	-----
Shipments, total.....do	38,197	37,615	3,105	2,952	3,107	3,248	3,414	2,912	2,757	2,651	2,670	3,015	3,128	2,942	3,041	-----	-----
Hardwoods.....do	7,789	8,672	751	707	789	723	766	722	597	556	587	587	559	558	523	-----	-----
Softwoods.....do	30,408	28,943	2,354	2,245	2,318	2,425	2,648	2,190	2,160	1,995	2,083	2,428	2,569	2,384	2,518	-----	-----
Stocks (gross), mill, end of period, total.....do	4,988	5,332	5,011	5,138	5,202	5,210	5,255	5,269	5,332	5,583	5,772	5,921	5,996	6,137	6,062	-----	-----
Hardwoods.....do	838	628	484	491	483	523	556	587	628	629	715	837	973	1,065	1,166	-----	-----
Softwoods.....do	4,150	4,704	4,527	4,648	4,719	4,687	4,699	4,682	4,704	4,954	5,057	5,024	5,023	5,072	4,896	-----	-----
Exports, total sawmill products.....do	1,143	*1,158	101	88	91	120	103	85	116	-----	92	104	147	91	130	-----	-----
Imports, total sawmill products.....do	6,087	*6,263	554	537	495	528	525	443	435	515	423	488	535	572	562	-----	-----
SOFTWOODS¹																	
Douglas fir:																	
Orders, new.....mil. bd. ft.	9,009	7,844	577	697	600	659	776	556	685	591	628	732	811	542	715	-----	-----
Orders, unfilled, end of period.....do	821	486	439	526	487	476	495	433	486	468	474	462	562	453	406	-----	-----
Production.....do	8,781	8,218	652	612	635	671	743	619	628	687	628	749	684	693	694	-----	-----
Shipments.....do	8,767	8,179	679	610	639	670	757	618	632	609	622	744	711	651	762	-----	-----
Stocks (gross), mill, end of period.....do	971	1,010	1,028	1,030	1,026	1,027	1,013	1,014	1,010	1,088	1,094	1,099	1,072	1,114	1,046	-----	-----
Exports, total sawmill products.....do	403	359	33	28	31	35	37	19	37	-----	34	37	31	23	53	-----	-----
Sawed timber.....do	102	88	10	4	7	9	9	4	8	-----	7	11	5	6	13	-----	-----
Boards, planks, scantlings, etc.....do	301	271	22	24	23	25	28	15	29	-----	27	27	26	17	40	-----	-----
Prices, wholesale:																	
Dimension, construction, dried, 2" x 4", R. L. \$ per M bd. ft.	107.85	113.52	109.95	95.71	95.08	94.61	94.28	96.15	95.37	92.86	91.43	90.66	-----	-----	-----	-----	-----
Flooring, C and better, F. G., 1" x 4", R. L. \$ per M bd. ft.	166.36	212.59	213.07	218.84	215.44	215.44	222.46	225.60	227.24	227.24	225.69	225.69	-----	-----	-----	-----	-----
Southern pine:																	
Orders, new.....mil. bd. ft.	7,329	7,336	528	573	625	617	671	585	505	502	512	609	681	586	614	-----	-----
Orders, unfilled, end of period.....do	422	324	320	303	330	334	331	339	324	322	329	366	402	369	361	-----	-----
Production.....do	7,054	7,645	651	642	607	594	671	576	552	574	552	588	626	622	585	-----	-----
Shipments.....do	7,214	7,434	563	590	598	613	674	577	520	504	505	572	645	619	622	-----	-----
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	1,137	1,348	1,278	1,330	1,339	1,320	1,317	1,316	1,348	1,418	1,465	1,481	1,462	1,465	1,428	-----	-----
Exports, total sawmill products.....M bd. ft.	90,477	*75,687	6,882	5,764	5,947	7,615	6,718	5,821	8,597	7,359	5,976	5,977	9,561	8,096	8,169	-----	-----
Prices, wholesale, (indexes):																	
Boards, No. 2 and better, 1" x 6", R. L. 1957-59=100.....	119.0	132.0	143.9	134.9	126.2	116.8	115.4	113.6	112.5	114.4	110.0	108.4	-----	-----	-----	-----	-----
Flooring, B and better, F. G., 1" x 4", S. L. 1957-59=100.....	113.0	127.0	128.7	125.4	124.9	124.9	126.8	128.3	129.2	129.2	129.2	129.2	-----	-----	-----	-----	-----
Western pine:																	
Orders, new.....mil. bd. ft.	10,857	9,593	794	881	818	867	884	674	723	637	680	778	867	759	833	-----	-----
Orders, unfilled, end of period.....do	539	364	389	391	443	438	430	385	364	399	407	391	402	349	356	-----	-----
Production.....do	10,826	9,999	800	849	849	913	900	702	744	668	704	796	850	802	768	-----	-----
Shipments.....do	10,875	9,768	821	834	811	872	892	719	744	602	672	794	856	812	826	-----	-----
Stocks (gross), mill, end of period.....do	1,396	1,627	1,542	1,557	1,595	1,636	1,644	1,627	1,627	1,693	1,725	1,727	1,721	1,711	1,653	-----	-----
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R. L. (6' and over).....\$ per M bd. ft.	87.72	107.18	110.28	82.19	79.64	74.90	76.02	77.83	86.00	90.55	84.43	82.45	-----	-----	-----	-----	-----
HARDWOOD FLOORING																	
Oak:																	
Orders, new.....mil. bd. ft.	496.5	380.6	30.1	38.7	33.6	32.8	36.7	24.2	24.1	21.6	21.2	28.3	31.2	22.3	25.3	-----	-----
Orders, unfilled, end of period.....do	23.9	12.0	12.7	16.8	14.9	15.1	16.6	13.2	12.0	10.5	9.8	10.8	13.2	9.4	8.7	-----	-----
Production.....do	459.3	393.1	31.2	29.7	31.8	32.1	36.8	28.2	29.8	29.3	24.8	24.6	27.1	25.3	26.2	-----	-----
Shipments.....do	485.1	387.8	31.6	34.1	35.0	32.3	34.8	26.9	23.9	23.0	20.5	26.6	29.0	26.2	26.1	-----	-----
Stocks (gross), mill, end of period.....do	23.5	29.6	26.3	22.0	20.1	19.9	21.9	23.2	29.6	35.2	38.5	35.2	32.9	32.1	34.1	-----	-----

METALS AND MANUFACTURES

IRON AND STEEL																	
Exports:																	
Steel mill products.....thous. sh. tons.	2,170	*5,229	353	471	470	450	639	636	693	654	690	698	809	916	651	-----	-----
Scrap.....do	6,572	9,176	898	797	1,200	1,054	1,025	842	736	792	539	781	935	1,269	989	-----	-----
Pig iron.....do	11	44	1	2	(1)	(1)	1	7	27	27	31	2	6	45	54	-----	-----
Imports:																	
Steel mill products.....do	17,960	14,034	1,432	1,412	1,249	1,311	1,297	1,008	1,139	781	697	859	962	1,066	1,062	-----	-----
Scrap.....do	327	412	63	42	24	29	26	41	29	20	29	32	23	30	33	-----	-----
Pig iron.....do	799	417	76	34	40	43	39	40	46	4	6	3	26	30	22	-----	-----
Iron and Steel Scrap																	
Production.....thous. sh. tons.	*53,545	56,049	4,661	4,499	4,510	4,808	5,035	4,625	4,662	4,521	4,262	4,719	4,636	-----	-----	-----	-----
Receipts, net.....do	*33,587	36,708	3,037	2,795	2,799	2,940	3,366	2,928	2,980	2,778	2,915	3,255	3,092	-----	-----	-----	-----
Consumption.....do	*87,060	94,369	7,835	7,320	7,506	7,874	8,464	7,943	7,742	7,529	7,071	7,888	7,705	-----	-----	-----	-----
Stocks, end of period.....do	7,882	6,448	7,216	7,204	7,015	6,917	6,876	6,532	6,448	6,247	6,333	6,427	6,448	-----	-----	-----	-----
Prices, steel scrap, No. 1 heavy melting:																	
Composite (5 markets).....\$ per lg. ton.	25.06	29.76	29.10	29.20	31.82	34.18	33.12	32.13	34.30	39.29	44.94	44.57	-----	-----	-----	-----	-----
Pittsburgh district.....do	27.00	32.00	31.00	30.00	34.00	37.00	34.00	34.00	35.00	40.00	46.50	45.00	-----	-----	-----	-----	-----

¹ Revised. ² Preliminary. ³ Less than 500 tons. ⁴ Annual total reflects revisions not distributed to the monthly data.

⁵ Totals include data for types of lumber not shown separately.

⁶ Data for orders, production, shipments, and stocks have been revised back to 1962; corresponding monthly revisions are available for 1968 and 1969 only.

⁷ Receipts previously shown for the period Apr. 1967-Sept. 1969 have been corrected to represent net receipts (i.e., less scrap shipped, transferred, or otherwise disposed of during the period); data comparable with the net receipts shown through Mar. 1967 appear in the Feb. 1970 SURVEY, p. S-31.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
METALS AND MANUFACTURES—Continued																
IRON AND STEEL—Continued																
Ore																
Iron ore (operations in all U.S. districts):																
Mine production..... thous. lg. tons..	85,865	89,241	9,693	9,611	9,710	8,893	8,596	5,712	5,327	5,353	5,089	5,788	6,633	9,264	-----	-----
Shipments from mines..... do.....	182,531	91,849	11,563	12,052	12,075	11,116	10,221	7,490	4,824	2,658	2,583	2,318	5,348	10,299	-----	-----
Imports..... do.....	43,941	40,758	2,906	4,018	3,706	5,188	6,002	3,997	4,072	2,189	2,307	1,936	2,944	3,806	5,487	-----
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants..... do.....	118,581	126,165	12,519	15,335	14,510	15,157	15,001	11,928	9,832	4,012	3,880	4,561	7,542	14,483	15,033	-----
Consumption at iron and steel plants..... do.....	120,449	128,550	10,751	10,385	10,404	10,342	11,244	10,762	11,083	10,482	9,562	10,788	10,378	10,934	10,497	-----
Exports..... do.....	5,937	5,430	523	675	807	466	335	341	417	334	315	197	339	433	627	-----
Stocks, total, end of period..... do.....	72,019	67,303	57,668	60,484	62,505	65,523	68,512	68,047	67,303	63,147	59,832	56,656	54,945	57,616	-----	-----
At mines..... do.....	15,990	13,652	23,267	20,820	18,454	16,245	14,918	13,141	13,652	16,170	18,795	22,265	23,576	22,538	-----	-----
At furnace yards..... do.....	53,232	51,003	33,458	38,397	42,515	47,331	51,088	52,254	51,003	44,488	38,814	32,587	29,750	33,308	37,844	-----
At U.S. docks..... do.....	2,797	2,648	943	1,267	1,536	1,947	2,506	2,652	2,648	2,489	2,223	1,804	1,619	1,770	2,002	-----
Manganese (mn. content), general imports..... do.....	953	1,124	69	95	105	122	94	117	123	106	45	41	56	34	47	-----
Pig Iron and Iron Products																
Pig iron:																
Production (excluding production of ferroalloys)..... thous. sh. tons..	88,780	95,017	8,055	7,836	7,699	7,739	8,292	7,955	8,132	7,668	7,062	8,059	7,790	8,122	-----	-----
Consumption..... do.....	189,953	94,486	7,896	7,680	7,742	7,732	8,253	7,923	7,965	7,559	7,036	7,947	7,652	-----	-----	-----
Stocks, end of period..... thous. sh. tons..	2,342	1,715	1,932	1,991	1,894	1,828	1,760	1,720	1,715	1,752	1,671	1,685	1,712	-----	-----	-----
Prices:																
Composite..... \$ per lg. ton.....	62.70	63.78	62.70	63.15	65.20	65.20	65.20	65.20	65.20	65.20	65.20	66.78	68.20	68.20	68.20	-----
Basic (furnace)..... do.....	63.00	64.00	63.00	63.00	65.50	65.50	65.50	65.50	65.50	65.50	65.50	65.50	65.50	-----	-----	-----
Foundry, No. 2, Northern..... do.....	63.50	64.33	63.50	63.50	63.50	66.00	66.00	66.00	66.00	66.00	66.00	69.00	-----	-----	-----	-----
Castings, gray iron:																
Orders, unfilled, for sale, end of period..... thous. sh. tons..	923	1,091	1,019	1,097	1,144	1,143	1,150	1,096	1,091	1,080	1,076	1,054	1,061	1,045	-----	-----
Shipments, total..... do.....	15,130	15,935	1,361	1,192	1,286	1,402	1,498	1,260	1,273	1,214	1,206	1,271	1,272	1,259	-----	-----
For sale..... do.....	8,715	9,187	815	720	756	811	886	735	716	674	699	726	739	726	-----	-----
Castings, malleable iron:																
Orders, unfilled, for sale, end of period..... thous. sh. tons..	137	117	119	143	141	130	121	115	117	109	107	104	94	88	-----	-----
Shipments, total..... do.....	1,007	1,171	96	80	93	97	103	79	82	78	80	80	83	77	-----	-----
For sale..... do.....	583	672	54	50	56	58	64	49	48	45	45	45	47	43	-----	-----
Steel, Raw and Semifinished																
Steel (raw):																
Production..... thous. sh. tons..	131,462	141,262	11,810	11,365	11,421	11,523	12,324	11,916	11,812	11,243	10,498	11,886	11,386	11,574	11,295	-----
Index..... daily average 1957-59=100..	135.0	145.4	147.9	137.8	138.4	144.3	149.4	149.3	143.2	136.3	140.9	144.1	142.6	140.3	141.5	-----
Steel castings:																
Orders, unfilled, for sale, end of period..... thous. sh. tons..	371	446	457	455	462	433	420	430	446	435	443	433	433	417	-----	-----
Shipments, total..... do.....	1,730	1,900	161	156	135	153	167	151	152	147	149	160	158	154	-----	-----
For sale, total..... do.....	1,435	1,583	134	129	112	127	138	128	125	120	122	131	126	125	-----	-----
Steel Mill Products																
Steel products, net shipments:																
Total (all grades)..... thous. sh. tons..	191,856	193,877	7,971	7,629	7,710	7,896	8,439	7,560	7,654	8,538	7,242	8,244	7,039	8,190	8,517	-----
By product:																
Semifinished products..... do.....	4,821	6,373	450	466	527	582	604	649	704	610	584	792	724	729	780	-----
Structural shapes (heavy), steel piling..... do.....	6,149	6,244	532	552	495	526	554	528	519	523	553	598	496	500	543	-----
Plates..... do.....	8,401	8,238	749	729	630	655	719	653	662	697	756	738	631	714	737	-----
Rails and accessories..... do.....	1,462	1,514	130	102	104	104	108	105	131	128	144	167	156	156	143	-----
Bars and tool steel, total..... do.....	13,660	14,354	1,229	1,145	1,174	1,194	1,307	1,157	1,146	1,126	1,068	1,349	1,173	1,305	1,388	-----
Bars: Hot rolled (incl. light shapes)..... do.....	8,497	8,659	716	669	681	701	790	701	703	718	665	759	668	735	758	-----
Reinforcing..... do.....	3,241	3,659	337	325	334	320	342	297	291	244	252	428	408	436	472	-----
Cold finished..... do.....	1,815	1,923	167	143	150	162	164	149	142	155	142	152	90	127	149	-----
Pipe and tubing..... do.....	10,078	9,232	848	759	691	702	694	598	699	594	630	734	824	679	691	-----
Wire and wire products..... do.....	3,363	3,256	293	252	271	279	312	237	230	235	237	285	263	275	282	-----
Tin mill products..... do.....	7,267	6,555	563	582	567	571	518	449	598	1,276	331	446	445	582	605	-----
Sheets and strip (incl. electrical), total..... do.....	36,624	38,111	3,177	3,042	3,251	3,284	3,624	3,185	2,964	3,351	2,939	3,195	2,327	3,249	3,350	-----
Sheets: Hot rolled..... do.....	10,782	12,471	1,080	1,013	1,107	1,093	1,245	1,112	2,964	3,351	2,939	3,195	2,327	3,249	3,350	-----
Cold rolled..... do.....	16,336	16,427	1,312	1,283	1,358	1,398	1,526	1,337	1,260	1,422	1,443	1,214	919	1,359	1,362	-----
By market (quarterly shipments):																
Service centers and distributors..... do.....	116,099	117,565	4,656	-----	-----	4,468	-----	-----	4,454	-----	-----	4,454	2,293	2,525	2,658	-----
Construction, incl. maintenance..... do.....	12,195	11,402	3,262	-----	-----	2,789	-----	-----	2,610	-----	-----	2,541	2,915	2,920	2,102	-----
Contractors' products..... do.....	14,922	14,768	1,258	-----	-----	1,216	-----	-----	1,167	-----	-----	1,123	2,292	2,384	2,430	-----
Automotive..... do.....	19,269	18,276	4,587	-----	-----	4,481	-----	-----	4,415	-----	-----	3,853	2,113	2,136	2,135	-----
Rail transportation..... do.....	13,048	13,344	943	-----	-----	721	-----	-----	774	-----	-----	918	2,309	2,309	2,262	-----
Machinery, industrial equip., tools..... do.....	15,469	15,690	1,542	-----	-----	1,333	-----	-----	1,422	-----	-----	1,513	2,389	2,478	2,499	-----
Containers, packaging, ship. materials..... do.....	17,902	17,145	1,862	-----	-----	1,838	-----	-----	1,709	-----	-----	2,173	2,466	2,631	2,662	-----
Other..... do.....	122,952	125,687	6,435	-----	-----	6,388	-----	-----	7,102	-----	-----	7,759	2,262	2,557	2,615	-----
Steel mill products, inventories, end of period:																
Consumers' (manufacturers only)..... mil. sh. tons..	10.5	9.8	9.8	10.0	10.0	9.8	10.0	9.8	9.8	10.2	10.2	9.9	9.1	9.1	8.9	-----
Receipts during period..... do.....	70.1	69.3	5.6	5.2	5.3	5.9	6.4	5.6	5.6	6.4	5.7	5.8	5.7	6.0	6.1	-----
Consumption during period..... do.....	68.7	70.0	5.9	5.0	5.3	6.1	6.2	5.7	5.7	6.0	5.7	6.1	6.5	6.0	6.3	-----
Service centers (warehouses)..... do.....	6.3	6.3	5.7	5.8	6.1	5.9	5.8	5.9	6.3	6.1	6.0	6.1	6.3	6.3	-----	-----
Producing mills:																
In process (ingots, semifinished, etc.)..... do.....	9.9	11.7	10.5	10.8	11.0	11.0	11.0	11.3	11.7	11.7	11.5	11.5	11.7	12.1	12.1	-----
Finished (sheets, plates, bars, pipe, etc.)..... do.....	9.0	10.2	9.5	9.6	9.5	9.5	9.6	9.9	10.2	9.2	9.3	9.4	10.3	10.1	9.7	-----
Steel (carbon), finished, composite price..... \$ per lb..	.0873	.0917	.0908	.0931	.0933	.0933	.0933	.0933	.0933	.0952	.0960	.0968	.0974	.0974	.1056	-----

* Revised. * Preliminary. * Annual total; monthly revisions are not available.

* For month shown. * For eleven months.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
METALS AND MANUFACTURES—Continued																
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores).....thous. sh. tons.....	3,255.0	3,793.1	313.0	321.2	318.0	313.0	326.9	318.7	332.2	334.6	305.5	338.8	328.5	339.8		
Recovery from scrap (aluminum content).....do.....	1,925.0	958.0	88.0	71.0	76.0	77.0	83.0	79.0	72.0	66.0	69.0	76.0	78.0			
Imports (general):																
Metal and alloys, crude.....do.....	685.2	468.6	41.1	41.4	37.4	35.6	32.9	28.6	26.9	35.3	40.4	33.3	32.6	31.9	30.4	
Plates, sheets, etc.....do.....	61.8	57.2	5.4	5.7	4.3	4.4	4.4	3.9	4.5	7.1	9.1	8.9	6.6	7.0	7.0	
Exports, metal and alloys, crude.....do.....	180.3	344.4	24.5	38.1	34.9	43.1	43.9	31.6	41.1	49.5	50.2	43.1	36.0	41.5	41.1	
Price, primary ingot, 99.5% minimum...\$ per lb.....	.2557	.2718	.2700	.2700	.2700	.2700	.2765	.2800	.2800	.2800	.2800	.2800	.2859	.2900	.2900	.2900
Aluminum products:																
Shipments:																
Ingot and mill prod. (net ship.)\$.....mil. lb.....	9,864.8	10,721.5	928.8	873.6	849.5	933.3	932.5	849.2	911.7	837.4	834.9	936.5	858.4	876.7		
Mill products, total \$.....do.....	7,170.0	7,652.8	656.6	626.9	606.5	640.7	647.5	586.2	630.9	583.6	597.8	685.2	633.7	654.2		
Plate and sheet.....do.....	3,404.6	3,711.9	321.5	302.4	297.5	300.7	300.7	277.4	314.6	272.2	286.7	348.9	318.2	326.9		
Castings.....do.....	1,588.2	1,698.1	142.0	114.0	130.4	142.7	157.3	130.7	129.7	137.1	130.7	146.5	136.7	134.8		
Inventories, total (ingot, mill prod., and scrap)*.....mil. lb.....	3,725	3,749	3,742	3,826	3,826	3,781	3,781	3,770	3,749	3,815	3,865	3,839	3,899	3,927		
Copper:																
Production:																
Mine, recoverable copper.....thous. sh. tons.....	1,204.6	1,544.6	129.3	123.2	125.1	127.7	135.4	134.2	138.6	139.9	131.8	144.3	141.7	152.1	151.1	
Refinery, primary.....do.....	1,437.4	1,742.8	141.8	134.5	130.4	133.6	157.1	145.6	159.0	148.6	140.1	157.5	151.4	148.2	140.9	
From domestic ores.....do.....	1,160.9	1,468.9	118.2	113.5	108.9	111.4	127.5	123.9	140.4	131.4	120.9	136.8	128.1	128.2	117.6	
From foreign ores.....do.....	276.5	273.9	23.6	21.0	21.4	22.2	29.5	21.7	18.6	17.2	19.3	20.6	23.2	20.0	23.3	
Secondary, recovered as refined.....do.....	400.9	465.6	40.5	37.5	39.1	40.6	44.9	41.0	41.4	37.5	37.7	47.2	45.0	43.1	44.5	
Imports (general):																
Refined, unrefined, scrap (copper cont.).....do.....	716.7	415.1	32.5	33.7	36.3	38.3	32.9	36.3	31.5	24.5	25.9	25.8	34.0	32.7	32.1	
Refined.....do.....	405.4	131.1	15.9	8.5	9.4	7.2	12.3	15.8	11.8	11.7	6.8	10.0	6.8	9.8	10.6	
Exports:																
Refined and scrap.....do.....	360.8	286.2	23.7	23.2	28.9	28.1	23.8	21.2	20.0	25.1	30.3	27.3	32.5	33.0	22.2	
Refined.....do.....	240.7	200.3	17.0	16.3	18.5	17.9	15.6	13.7	14.9	18.6	20.0	18.8	24.0	26.2	17.1	
Consumption, refined (by mills, etc.).....do.....	1,876.4	2,145.0	194.1	141.7	167.5	180.1	194.7	181.1	180.5	170.1	186.6	200.8	185.9	188.5	180.8	
Stocks, refined, end of period.....do.....	171.5	170.3	138.8	164.5	159.4	138.9	150.2	162.9	170.3	175.1	176.4	179.3	177.1	183.8	175.6	
Fabricators'.....do.....	114.9	124.4	104.1	122.7	115.8	92.5	95.1	106.7	124.4	123.1	118.2	111.9	118.9	118.6	121.9	
Price, electrolytic (wirebars), dom., delivered†.....\$ per lb.....	2.4225	4.793	4.642	4.645	4.832	5.176	5.248	5.252	5.289	5.625	5.565	5.565	5.598	5.602	5.602	5.601
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products.....mil. lb.....	2,757	3,111	832			717			731			708				
Copper wire mill products (copper cont.).....do.....	2,364	2,524	653			658			609			599				
Brass and bronze foundry products.....do.....	822	853	220			203			209			214				
Lead:																
Production:																
Mine, recoverable lead.....thous. sh. tons.....	359.2	509.0	45.1	44.3	45.1	43.2	46.2	42.3	46.1	47.8	46.9	52.5	49.7	51.0		
Recovered from scrap (lead cont.).....do.....	1,550.9	604.2	50.1	44.1	48.8	53.0	55.4	49.8	49.2	46.7	45.8	50.4	53.1	46.8		
Imports (general), ore (lead cont.), metal.....do.....	424.6	389.6	34.6	38.1	36.6	25.1	37.5	28.2	28.5	28.2	36.2	32.6	26.7	36.7	23.8	
Consumption, total.....do.....	1,328.8	1,389.4	115.8	100.9	112.2	123.9	131.9	112.5	117.7	116.1	109.0	118.7	115.9	115.9		
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS.....thous. sh. tons.....	146.8	165.7	135.0	150.1	160.7	171.0	176.1	172.3	165.7	158.0	162.7	157.1	163.3	138.4		
Refiners' (primary), refined and antimonial (lead content).....thous. sh. tons.....	15.3	25.5	18.1	15.0	15.3	17.7	20.5	22.7	25.5	30.5	33.2	36.6	47.1	53.2		
Consumers' (lead content).....do.....	88.9	151.0	135.6	142.4	145.1	146.6	141.3	148.4	151.0	147.8	160.2	169.0	167.6	165.7		
Scrap (lead-base, purchased), all smelters (gross weight).....thous. sh. tons.....	57.8	64.9	51.6	55.9	50.0	61.3	59.2	57.9	64.9	74.7	75.9	73.0	67.5	72.7		
Price, common grade (N.Y.).....\$ per lb.....	1.321	1.490	1.486	1.545	1.550	1.530	1.550	1.559	1.603	1.650	1.650	1.650	1.650	1.650	1.650	1.568
Tin:																
Imports (for consumption):																
Ore (tin content).....lg. tons.....	3,266	0	0	0	0	0	0	0	0	0	0	0	0	384	1,065	
Bars, pigs, etc.....do.....	57,358	54,950	4,544	3,607	4,738	4,805	5,312	3,975	4,141	5,358	2,731	4,707	3,818	4,543	6,134	
Recovery from scrap, total (tin cont.).....do.....	122,495	22,775	1,980	1,710	1,775	1,895	2,140	1,895	1,770	1,885	1,800	1,840	1,785			
As metal.....do.....	12,978	3,022	270	250	260	195	285	255	270	270	255	285	230			
Consumption, total.....do.....	81,961	80,790	6,905	6,435	6,455	6,625	7,105	6,110	6,210	6,345	5,605	6,760	6,595	6,505		
Primary.....do.....	58,859	57,730	4,965	4,870	4,665	4,695	4,925	4,360	4,430	4,565	3,825	4,680	4,665	4,560		
Exports, incl. reexports (metal).....do.....	5,027	3,217	581	124	83	270	143	320	852	448	808	327	81	91	92	
Stocks, pig (industrial), end of period.....do.....	18,557	13,824	15,325	14,680	13,645	16,045	16,245	14,808	13,824	13,655	13,135	12,680	11,765	11,810		
Price, pig, Straits (N.Y.), prompt.....\$ per lb.....	1.4811	1.6444	1.5900	1.6200	1.6590	1.6564	1.6671	1.7596	1.8132	1.7917	1.7491	1.7712	1.8388	1.8054	1.7023	1.6477
Zinc:																
Mine prod., recoverable zinc.....thous. sh. tons.....	529.4	553.1	47.2	45.7	47.3	47.4	47.3	46.3	45.5	45.1	45.7	49.2	48.3	45.0		
Imports (general):																
Ores (zinc content).....do.....	546.4	602.1	71.6	49.4	47.1	50.9	57.0	53.0	40.3	44.7	45.2	56.6	39.5	43.7	42.9	
Metal (slab, blocks).....do.....	305.5	324.7	25.9	32.8	27.6	31.4	25.7	23.8	27.8	25.6	21.7	21.3	22.3	25.0	16.4	
Consumption (recoverable zinc content):																
Ores.....do.....	124.1	133.7	10.7	10.0	10.3	12.3	13.0	12.2	12.3	7.5	11.8	12.8	11.1	10.3		
Scrap, all types.....do.....	270.6	232.8	19.0	18.6	19.0	19.2	20.4	20.0	20.1	18.9	18.8	19.8	19.8	18.6		
Slab zinc:																
Production (primary smelter), from domestic and foreign ores.....thous. sh. tons.....	11,020.9	1,083.6	92.7	91.4	88.6	90.0	88.0	86.6	85.0	87.4	76.9	85.5	80.8	77.1		
Secondary (redistributed) production.....do.....	179.9	65.7	5.0	4.6	4.8	4.6	6.5	6.2	5.5	5.2	6.1	6.9	5.3	6.8		
Consumption, fabricators'.....do.....	11,333.7	1,368.3	115.8	102.7	110.8	116.0	122.0	103.0	97.3	97.4	94.6	100.0	99.4	99.1		
Exports.....do.....	33.0	9.3	.4	.2	.2	.7	.4	.1	(2)	(2)	(2)	.1	0	(2)		
Stocks, end of period:																
Producers', at smelter (AZI).....do.....	63.1	78.3	38.1	43.7	51.1	45.9	48.6	61.4	78.3	94.6	109.2	123.2	134.0	138.5	135.7	129.6
Consumers'.....do.....	102.4	94.5	101.8	109.0	104.0	105.7	99.1	93.5	94.5	87.9	85.4	79.8	75.9	77.3		
Price, Prime Western (East St. Louis) \$ per lb.....	1.350	1.460	1.450	1.450	1.450	1.486	1.550	1.550	1.550	1.550	1.550	1.550	1.550	1.550	1.550	1.550

† Revised. ‡ Preliminary. § Annual total; monthly revisions are not available.
 * Average for Apr.-Dec. † Less than 50 tons. ‡ Beginning Feb. 1970, the new METALS WEEK price (based on mine production rates and known selling prices of U.S. producers only) is not comparable with prices for earlier months.
 § For revised 1968 monthly data, see Feb. 1

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
METALS AND MANUFACTURES—Continued																
HEATING EQUIPMENT, EXC. ELECTRIC																
Radiators and convectors, shipments:																
Cast-iron.....mil. sq. ft. radiation..	¹ 9.3	5.3	.4	.3	.4	.6	.6	.4	.3	.3	.5	.4	.2	.2		
Nonferrous.....do.....	² 79.2	78.5	6.6	5.8	7.0	7.9	9.0	5.9	5.1	5.0	5.1	4.6	4.5	4.1		
Oil burners:																
Shipments.....thous.....	¹ 532.6	665.3	52.2	40.3	63.1	66.1	73.6	52.9	57.0	48.4	47.5	44.1	³ 34.8	36.6		
Stocks, end of period.....do.....	¹ 45.8		27.9	30.5	28.3	23.7	19.7	18.2								
Ranges, gas, domestic cooking (incl. free-standing, set-in, high-oven ranges, and built-in oven broilers), shipments.....thous.....	¹² 268.2	2,471.1	213.3	169.0	221.2	230.3	237.9	201.8	199.6	167.5	178.2	208.3	187.9			
Top burner sections (4-burner equiv.), ship.....do.....	206.1	198.7	17.8	15.6	15.8	18.3	17.7	14.8	16.2	13.0	13.7	15.7	12.6			
Stoves, domestic heating, shipments, total.....do.....	¹¹ 446.8	1,361.6	98.2	128.5	176.4	172.0	189.4	133.4	79.3	71.2	66.7	76.6	³ 72.6	80.7		
Gas.....do.....	¹¹ 001.3	967.0	68.6	95.7	133.5	132.1	143.8	102.0	52.6	37.8	31.8	51.4	³ 47.6	53.0		
Warm-air furnaces (forced-air and gravity air-flow), shipments, total.....do.....	¹¹ 740.9	1,898.8	147.8	154.1	172.3	202.3	218.9	153.2	146.9	150.1	133.7	135.5	³ 120.2	128.9		
Gas.....do.....	¹¹ 428.1	1,531.6	120.3	124.7	136.3	153.9	170.7	121.7	121.4	125.4	110.8	111.6	³ 97.9	105.8		
Water heaters, gas, shipments.....do.....	2,705.9	2,784.6	210.8	208.2	205.5	233.0	249.8	246.3	210.4	245.1	214.4	235.1	242.7			
MACHINERY AND EQUIPMENT																
Foundry equipment (new), new orders, net mo. avg. shipments 1957-59=100.....	270.3	366.1	268.6	419.7	469.1	318.3	273.0	307.2	242.4	499.0	369.5	550.3	1,402.1	769.7	309.2	
Furnaces (industrial) and ovens, etc., new orders (domestic), net, quarterly total.....mil. \$	121.2	113.1	37.8			19.8			23.2		³ 32.2	30.1			22.5	
Electric processing.....do.....	¹ 12.1	16.4	3.4			3.1			7.2		³ 2.6	3.0			2.7	
Fuel-fired (exc. for hot rolling steel).....do.....	¹ 64.6	58.3	24.3			10.1			8.8		³ 15.2	11.3			12.3	
Material handling equipment (industrial):																
Orders (new), index, seas. adj. 1957-59=100.....	220.4	³ 246.8	240.2	242.1	227.1	220.2	249.1	226.8	257.2	224.1	228.3	200.4	177.3	226.1		
Industrial trucks (electric), shipments:																
Hand (motorized).....number.....	10,753	14,579	1,336	1,037	1,041	1,282	1,348	1,069	1,406	1,000	1,305	1,218	1,150	1,529	1,273	
Rider-type.....do.....	12,243	14,903	1,205	1,494	900	1,352	1,391	1,282	1,399	1,407	1,220	1,573	1,057	1,237	1,377	
Industrial trucks and tractors (internal combustion engines), shipments.....number.....	42,601	50,446	4,223	3,777	4,074	4,429	4,220	4,010	4,328	4,135	3,643	3,846	3,416	3,636	3,855	
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total.....mil. \$	1,079.35	1,195.30	112.70	87.35	66.70	82.00	89.00	78.95	82.80	92.25	62.85	75.95	59.20	³ 52.75	61.40	
Domestic.....do.....	959.90	1,032.65	99.90	70.00	56.45	58.50	77.40	67.55	70.20	78.60	52.70	60.00	46.30	³ 41.60	43.45	
Shipments, total.....do.....	1,358.30	1,192.45	122.20	83.85	74.05	108.40	104.60	92.20	118.15	93.85	87.35	98.20	83.05	³ 97.10	101.55	
Domestic.....do.....	1,238.30	1,077.45	112.40	75.05	63.15	96.65	94.00	83.90	103.35	84.35	74.65	82.50	69.15	³ 82.55	85.35	
Order backlog, end of period.....do.....	809.6	812.4	906.9	910.4	903.0	876.6	861.0	847.8	812.4	810.8	786.3	764.1	740.2	³ 695.9	655.7	
Metal forming type tools:																
Orders, new (net), total.....do.....	394.75	533.45	49.70	40.65	38.60	27.70	45.00	31.90	26.25	22.30	31.70	20.35	27.20	³ 16.25	15.45	
Domestic.....do.....	360.55	484.35	45.60	37.10	33.30	23.95	36.25	27.70	24.20	18.70	20.65	17.00	25.55	³ 15.20	13.90	
Shipments, total.....do.....	368.60	405.10	40.00	27.90	30.70	34.85	43.20	39.20	33.60	40.70	39.60	40.95	34.75	³ 46.10	41.85	
Domestic.....do.....	324.45	369.30	35.85	26.25	28.05	32.80	40.40	34.15	31.20	38.65	33.60	38.20	32.20	³ 43.40	36.50	
Order backlog, end of period.....do.....	254.5	382.8	382.2	394.9	402.8	395.7	397.5	390.2	382.8	364.4	356.5	335.9	328.4	298.5	272.1	
Other machinery and equip., qtrly. shipments:																
Tractors used in construction:																
Tracklaying, total.....mil. \$	¹ 453.4	³ 475.6	134.8			107.4			100.8			133.2	³ 44.5	³ 37.7		
Wheel (contractors' off-highway).....do.....	68.4	179.1	53.5			49.0			31.6			³ 36.4				
Tractor shovel loaders (integral units only), wheel and tracklaying types.....mil. \$	¹ 502.6	617.3	173.0			139.1			138.2			165.5				
Tractors, wheel (excl. garden and contractors' off-highway types).....mil. \$	¹ 938.4	878.6	247.5			175.6			228.5			248.4	³ 81.2	³ 69.3		
Farm machines and equipment (selected types), excl. tractors.....mil. \$	¹¹ 211.3	1,151.6	320.2			228.3			239.6			335.0				
ELECTRICAL EQUIPMENT																
Batteries (auto. replacement), shipments.....thous.....	34,960	37,028	2,324	2,485	3,074	4,011	4,486	3,853	3,973	3,877	3,280	2,617	2,142	³ 2,028	2,429	
Household electrical appliances:																
Ranges, incl. built-ins, shipments (manufacturers'), domestic and export.....thous.....	2,306.8	¹² 342.3	200.6	209.2	195.2	194.6	242.2	144.6	153.5	120.2	142.8	210.8	205.5	200.2	221.6	
Refrigerators and home freezers, output 1957-59=100.....	165.6	181.0	207.3	196.6	125.0	194.1	201.8	98.6	113.3	131.5	194.9	219.5	227.2	221.4	227.4	
Vacuum cleaners, sales billed.....thous.....	6,653.1	7,133.7	514.6	499.6	562.8	765.0	728.7	645.0	520.9	565.1	636.1	645.1	561.5	531.7	589.2	
Washers, sales (dom. and export).....do.....	¹⁴ 519.8	4,421.5	381.5	395.4	417.9	433.5	462.8	290.8	277.1	241.1	302.9	399.8	339.0	324.9	384.5	
Dryers (gas and electric), sales (domestic and export).....thous.....	2,861.8	3,022.5	190.0	220.9	276.1	350.4	394.6	268.2	243.6	203.7	219.4	278.8	197.5	173.6	203.4	
Radio sets, production.....do.....	22,566	20,549	⁴ 1,860	1,239	1,827	⁴ 2,211	1,838	1,504	⁴ 1,437	1,369	1,240	⁴ 1,632	1,322	1,292	⁴ 1,651	975
Television sets (incl. combination), prod. ....do.....	11,794	11,270	⁴ 1,070	614	877	⁴ 1,167	984	888	⁴ 764	704	782	⁴ 895	509	531	⁴ 823	534
Electron tubes and semiconductors (excl. receiving, power, and spec. purpose tubes), sales.....mil. \$	¹ 693.1	770.7	69.5	51.8	63.5	71.2	69.3	61.1	69.7	62.7	59.6	63.8	58.1	53.2		
Motors and generators:																
New orders, index, qtrly.....1947-49=100.....	206	217	236			213			210			215			206	
New orders (gross):																
Polyphase induction motors, 1-200 hp.....mil. \$	⁵ 96.6	⁵ 109.3	⁵ 9.5	⁵ 8.8	⁵ 8.0	⁵ 10.3	⁵ 10.3	⁵ 8.1	⁵ 8.8	⁵ 8.1	⁵ 8.7	⁵ 9.7	⁵ 9.4	⁵ 8.1	⁵ 8.6	
D.C. motors and generators, 1-200 hp.....do.....	49.5	51.9	5.3	4.8	3.8	4.0	4.4	3.6	3.5	4.8	3.8	6.0	3.6	3.4	4.7	

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production.....thous. sh. tons.....	11,461	10,800	880	807	952	873	866	736	891	811	773	817	761	766	³ 811	602
Exports.....do.....	518	627	59	47	111	41	70	63	70	16	17	22	57	51	43	
Price, wholesale, chestnut, f.o.b. car at mine \$ per sh. ton.....	13.813	15.100	14.220	14.778	14.778	15.268	15.268	15.758	16.248	16.346	16.346	16.346				
Bituminous:																
Production.....thous. sh. tons.....	545,245	556,051	³ 43,875	35,700	47,944	48,788	53,532	45,337	50,666	45,515	45,890	50,755	49,330	50,765	³ 48,085	37,910

¹ Revised. ² Total for 11 months. ³ For month shown. ⁴ Data cover 5 weeks; other periods, 4 weeks. ⁵ Excludes orders for motors 1-20 hp.; domestic sales of this class in 1969 totaled \$117.2 mil.; 1970-June, \$9.4 mil. ⁶ Revised data (1967-68) are in the Apr. 1970 SURVEY.

⁷ Excludes figures for rubber-tired dozers (included for other periods). ⁸ For 1st quarter 1969. ⁹ Radio production comprises table, portable battery, auto, and clock models; television sets cover monochrome and color units.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

PETROLEUM, COAL, AND PRODUCTS—Continued

COAL—Continued																
Bituminous—Continued																
Industrial consumption and retail deliveries, total ⁹.....thous. sh. tons.....	498,830	507,275	39,467	42,074	41,828	39,646	41,742	42,421	47,197	48,268	42,416	44,067	40,761	40,181	-----	-----
Electric power utilities.....do.....	294,739	380,462	24,391	27,173	26,794	24,544	25,226	25,735	28,957	30,167	26,121	26,668	24,170	24,118	-----	-----
Mfg. and mining industries, total.....do.....	188,450	185,835	14,710	14,418	14,456	14,315	15,397	15,529	16,837	16,367	15,060	16,502	16,113	15,853	-----	-----
Coke plants (oven and beehive).....do.....	90,765	92,901	7,743	7,833	7,840	7,714	8,092	7,769	8,154	7,772	7,356	8,582	8,354	8,626	-----	-----
Retail deliveries to other consumers.....do.....	15,224	12,665	335	442	538	748	1,074	1,122	1,390	1,734	1,235	894	450	170	-----	-----
Stocks, industrial and retail dealers ⁹ , end of period, total.....thous. sh. tons.....	85,525	81,779	82,763	74,397	75,128	78,769	83,545	84,662	81,779	52,768	49,944	49,549	52,060	55,619	-----	-----
Electric power utilities.....do.....	64,168	60,597	62,297	56,758	56,975	59,046	62,328	63,433	60,597	52,768	49,944	49,549	52,060	55,619	-----	-----
Mfg. and mining industries, total.....do.....	21,169	19,701	20,316	17,480	17,980	19,502	20,996	21,018	19,701	7,712	7,796	8,390	8,678	8,532	-----	-----
Oven-coke plants.....do.....	9,537	8,962	8,822	6,470	6,618	7,338	8,376	8,807	8,962	7,712	7,796	8,390	8,678	8,532	-----	-----
Retail dealers.....do.....	188	184	150	150	173	221	221	211	184	-----	-----	-----	-----	-----	-----	-----
Exports.....do.....	50,637	56,234	5,712	4,836	4,927	4,882	5,496	5,751	4,843	3,984	4,343	5,309	6,057	6,059	7,210	-----
Prices, wholesale:																
Screenings, indust. use, f.o.b. mine.....\$ per sh. ton.....	5.397	6.052	5.932	6.068	6.068	6.068	6.342	6.470	6.514	6.526	6.926	7.037	-----	-----	-----	-----
Domestic, large sizes, f.o.b. mine.....do.....	6.944	7.487	7.081	7.343	7.414	7.529	7.836	8.086	8.207	8.393	8.529	8.529	-----	-----	-----	-----
COKE																
Production:																
Beehive.....thous. sh. tons.....	775	710	53	47	70	76	69	63	81	69	61	64	63	59	72	-----
Oven (byproduct).....do.....	62,878	64,014	5,347	5,387	5,412	5,274	5,552	5,333	5,570	5,332	5,069	5,978	5,807	5,966	5,749	-----
Petroleum coke ⁹.....do.....	19,088	20,574	1,771	1,811	1,752	1,734	1,795	1,827	1,881	1,856	1,643	1,696	1,834	-----	-----	-----
Stocks, end of period:																
Oven-coke plants, total.....do.....	5,985	3,120	3,896	3,787	3,816	3,699	3,430	3,320	3,120	3,032	3,034	3,088	3,100	3,121	2,954	-----
At furnace plants.....do.....	5,637	3,020	3,729	3,594	3,629	3,553	3,309	3,202	3,020	2,946	2,969	3,025	3,043	3,063	2,907	-----
At merchant plants.....do.....	348	99	167	193	186	146	121	119	99	86	65	63	55	58	47	-----
Petroleum coke.....do.....	1,239	1,040	1,382	1,314	1,235	1,131	1,225	1,237	1,040	1,187	1,173	1,077	1,132	-----	-----	-----
Exports.....do.....	792	1,629	178	181	121	100	123	146	164	89	152	141	212	195	149	-----
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed.....number.....	14,426	3.18	1,277	1,091	1,261	1,107	1,217	1,080	-----	-----	-----	-----	-----	-----	-----	-----
Price at wells (Oklahoma).....\$ per bbl.....	3.06	3,880.1	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	-----
Runs to stills.....mil. bbl.....	3,774.4	92	324.7	339.2	334.9	324.4	325.8	321.6	342.5	336.9	304.8	335.9	318.4	324.0	-----	-----
Refinery operating ratio.....% of capacity.....	93	92	92	94	92	92	90	92	94	93	93	93	91	-----	-----	-----
All oils, supply, demand, and stocks:																
New supply, total ⁹.....mil. bbl.....	4,922.1	5,102.8	417.3	424.6	424.0	420.0	429.5	421.6	465.4	463.8	430.2	470.5	436.8	436.3	-----	-----
Production:																
Crude petroleum.....do.....	3,329.0	3,363.8	288.3	287.2	280.7	278.2	284.8	279.6	294.8	293.5	267.7	294.5	287.6	295.2	-----	-----
Natural-gas plant liquids.....do.....	553.7	584.5	47.2	48.7	49.0	47.4	50.1	49.4	52.0	51.0	47.7	52.3	50.0	51.8	-----	-----
Imports:																
Crude and unfinished oils.....do.....	501.7	551.9	43.8	46.0	48.4	46.4	47.8	47.5	53.1	47.7	44.3	50.3	33.1	40.7	-----	-----
Refined products.....do.....	537.7	602.7	38.0	42.8	45.9	48.0	46.8	45.0	65.6	71.6	70.5	73.3	61.1	48.5	-----	-----
Change in stocks, all oils (decrease, -).....do.....	55.5	-17.4	25.8	18.2	10.2	9.3	5.5	-4.7	-33.2	-52.3	-20.8	-1.0	17.3	28.1	-----	-----
Demand, total.....do.....	4,873.8	5,126.4	390.9	409.0	414.2	410.3	422.6	426.0	499.4	518.5	450.2	472.4	419.4	407.1	-----	-----
Exports:																
Crude petroleum.....do.....	1.8	1.4	(1)	0	1	1	2	2	1	1	1	1	1	1	-----	-----
Refined products.....do.....	82.7	83.9	7.5	6.5	8.5	7.6	7.0	6.8	7.0	6.7	7.2	7.2	7.6	7.8	-----	-----
Domestic demand, total ⁹.....do.....	4,789.2	5,041.0	383.4	402.5	405.6	402.6	415.5	419.0	492.3	511.7	443.0	465.1	411.7	399.3	-----	-----
Gasoline.....do.....	1,956.0	2,042.5	173.1	188.4	185.0	171.0	177.2	163.6	174.5	164.0	151.0	173.4	171.3	183.6	-----	-----
Kerosene.....do.....	102.9	100.4	4.5	5.6	5.2	7.3	7.1	9.3	12.6	16.6	11.7	8.9	5.4	5.0	-----	-----
Distillate fuel oil.....do.....	874.5	900.1	51.6	49.9	50.8	58.2	62.4	82.9	112.0	127.2	96.8	95.8	74.2	60.3	-----	-----
Residual fuel oil.....do.....	688.2	721.9	47.5	48.4	51.3	54.5	58.6	55.5	77.1	89.7	82.2	87.3	63.6	51.3	-----	-----
Jet fuel.....do.....	349.4	361.5	31.6	31.9	31.3	31.1	28.1	29.5	33.1	28.8	28.7	28.2	27.2	27.7	-----	-----
Lubricants.....do.....	48.5	48.7	4.1	4.3	4.1	4.1	4.6	3.7	3.9	4.1	3.4	4.1	4.4	4.0	-----	-----
Asphalt.....do.....	141.2	143.3	17.0	18.4	19.1	19.2	16.7	9.8	6.7	4.4	4.7	6.3	10.0	14.3	-----	-----
Liquefied gases.....do.....	385.7	445.6	29.4	30.4	32.4	33.3	39.1	43.0	48.1	54.8	41.6	38.9	32.2	29.0	-----	-----
Stocks, end of period, total.....do.....	999.6	980.1	976.9	995.1	1,005.2	1,014.5	1,020.0	1,015.3	980.1	927.9	907.1	906.2	923.4	951.6	-----	-----
Crude petroleum.....do.....	272.2	265.2	284.5	277.5	267.7	262.5	264.3	264.8	265.2	267.1	269.6	274.6	278.0	284.8	-----	-----
Unfinished oils, natural gasoline, etc.....do.....	98.9	103.5	110.3	108.7	104.6	104.3	104.3	101.4	103.5	105.4	104.3	107.8	112.5	115.0	-----	-----
Refined products.....do.....	628.5	611.4	582.0	608.9	632.9	647.7	651.5	649.1	611.4	555.4	533.2	523.7	532.9	551.8	-----	-----
Refined petroleum products:																
Gasoline (incl. aviation):																
Production.....do.....	1,940.0	2,028.2	166.0	177.8	179.6	174.3	177.1	175.3	182.1	176.5	157.0	173.4	164.3	-----	-----	-----
Exports.....do.....	2.1	2.5	2	3	3	4	3	1	3	1	2	2	1	-----	-----	-----
Stocks, end of period.....do.....	211.5	217.4	201.8	193.1	189.4	194.3	195.0	208.4	217.4	231.9	238.8	240.8	235.7	-----	-----	-----
Prices (excl. aviation):																
Wholesale, ref. (Okla., group 3).....\$ per gal.....	.113	.116	.115	.113	.120	.110	.110	.118	.118	.113	.113	.110	-----	-----	-----	-----
Retail (regular grade, excl. taxes), 55 cities (1st of following mo.).....\$ per gal.....	.230	.239	.242	.235	.240	.232	.233	.239	.240	.229	.237	.256	.249	.256	-----	-----
Aviation gasoline:																
Production.....mil. bbl.....	31.6	26.5	2.4	2.6	2.5	2.2	2.3	2.2	2.1	1.4	1.3	1.6	1.6	-----	-----	-----
Exports.....do.....	1.8	1.8	.1	.2	.1	.3	.2	.1	.2	(1)	.2	.1	.1	-----	-----	-----
Stocks, end of period.....do.....	7.0	6.2	5.3	5.3	5.5	5.4	5.6	5.8	6.2	6.3	5.9	5.6	5.4	-----	-----	-----
Kerosene:																
Production.....do.....	101.6	102.9	7.9	7.5	7.6	7.4	7.6	8.0	9.8	10.2	9.1	9.5	7.5	-----	-----	-----
Stocks, end of period.....do.....	23.5	26.8	25.3	27.3	29.7	29.9	30.6	29.4	26.8	20.4	18.0	18.5	20.8	-----	-----	-----
Price, wholesale, bulk lots (N.Y. Harbor).....\$ per gal.....	.113	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	-----	-----

⁹ Revised.

¹ Less than 50 thousand barrels.

⁹ Includes small amounts of "other hydrocarbons and hydrogen refinery input," not

shown separately.

⁹ Includes data not shown separately.

⁹ Includes nonmarketable catalyst coke.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																
Refined petroleum products—Continued																
Distillate fuel oil:																
Production.....mil. bbl.	840.7	848.4	71.3	73.6	71.0	68.9	70.5	72.5	76.9	79.5	71.9	77.7	70.8			
Imports.....do.	48.1	50.9	2.2	2.8	4.3	3.5	2.3	3.4	5.9	6.7	5.7	7.6	4.6			
Exports.....do.	1.5	1.3	2	.1	.1	.1	.1	.1	.1	(2)	.1	.1	.1			
Stocks, end of period.....do.	173.2	171.7	132.6	159.1	183.5	197.7	208.0	201.0	171.7	130.7	111.5	101.0	102.1			
Price, wholesale (N.Y. Harbor, No. 2 fuel) \$ per gal.	.103	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101				
Residual fuel oil:																
Production.....mil. bbl.	275.8	265.9	19.4	19.5	19.2	19.5	19.5	21.4	24.1	26.0	23.9	23.6	19.8			
Imports.....do.	409.9	461.6	29.1	32.3	34.1	35.1	39.0	33.8	51.2	56.0	56.5	58.5	47.3			
Exports.....do.	20.0	16.9	1.4	1.1	1.5	1.0	1.6	1.6	.8	1.5	2.1	1.1	1.4			
Stocks, end of period.....do.	67.4	58.4	62.5	65.1	66.1	65.6	64.2	62.7	58.4	49.5	46.1	40.3	42.8			
Price, wholesale (Okla., No. 6) \$ per bbl.	1.40	1.48	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.65	2.00	2.00				
Jet fuel (military grade only):																
Production.....mil. bbl.	314.9	321.7	28.2	29.2	27.6	25.1	26.3	25.6	27.7	23.9	24.0	26.4	24.5			
Stocks, end of period.....do.	24.3	28.1	28.4	29.9	30.2	28.9	29.3	29.5	28.1	27.1	26.4	27.2	29.2			
Lubricants:																
Production.....do.	65.7	65.1	5.3	5.5	5.8	5.4	5.7	5.8	5.7	5.5	4.7	5.5	5.4			
Exports.....do.	18.0	16.4	1.9	1.1	1.7	1.5	1.2	1.1	1.4	1.3	1.1	1.7	1.3			
Stocks, end of period.....do.	14.0	14.1	12.8	12.8	12.8	12.7	12.5	13.6	14.1	14.3	14.5	14.1	13.8			
Price, wholesale, bright stock (midcontinent, f.o.b., Tulsa) \$ per gal.	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270				
Asphalt:																
Production.....mil. bbl.	135.5	135.7	14.3	15.2	14.9	15.1	13.5	10.4	9.0	6.8	6.7	9.3	10.8			
Stocks, end of period.....do.	20.1	16.8	26.1	23.4	19.5	16.1	13.2	14.0	16.8	19.5	21.6	24.8	25.8			
Liquefied gases (incl. ethane and ethylene):																
Production, total.....mil. bbl.	469.3	502.0	40.8	41.7	42.1	40.7	42.8	42.3	44.7	44.6	41.9	45.3	43.3			
At gas processing plants (L.P.G.).....do.	351.3	378.5	30.1	30.4	30.9	30.4	32.6	32.4	34.5	33.9	31.6	34.8	32.9			
At refineries (L.R.G.).....do.	118.1	123.5	10.7	11.3	11.1	10.3	10.2	9.9	10.2	10.7	10.3	10.6	10.5			
Stocks (at plants and refineries).....do.	76.2	59.6	72.5	78.5	82.4	83.6	79.9	71.5	59.6	42.4	37.0	37.6	43.5			
Asphalt and tar products, shipments:																
Asphalt roofing, total.....thous. squares.	78,045	82,683	8,082	7,922	8,185	8,871	8,850	7,060	5,463	3,387	3,447	5,143	6,340	7,875	8,445	
Roll roofing and cap sheet.....do.	31,099	34,037	3,138	3,086	3,249	3,565	3,630	3,154	2,589	1,708	1,566	2,350	2,662	2,924	3,352	
Shingles, all types.....do.	46,946	48,646	4,944	4,836	4,936	5,306	5,221	3,905	2,874	1,679	1,882	2,793	3,679	4,970	5,094	
Asphalt siding.....do.	418	368	32	31	34	42	39	30	22	20	16	20	25	20	23	
Insulated siding.....do.	411	346	40	35	40	27	50	23	17	7	13	24	22	31	39	
Saturated felts.....thous. sh. tons.	875	901	83	76	80	85	84	73	68	51	45	61	73	75	77	

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts.....thous. cords (128 cu. ft.)	159,041	62,276	5,258	5,224	5,466	5,580	5,824	5,255	5,274	5,044	5,273	5,813	5,611	5,449	5,591	
Consumption.....do.	159,788	62,813	5,413	5,078	5,405	5,179	5,547	5,427	5,025	5,449	5,177	5,593	5,536	5,548	5,478	
Stocks, end of period.....do.	25,676	4,788	3,597	3,770	3,949	4,241	4,537	4,521	4,788	4,432	4,397	4,715	4,811	4,745	4,892	
Waste paper:																
Consumption.....thous. sh. tons.	10,285	10,441	883	792	909	883	908	818	780	838	805	868	872	832	853	
Stocks, end of period.....do.	586	608	577	608	581	586	608	598	608	569	572	569	563	552	556	
WOODPULP																
Production:																
Total, all grades.....thous. sh. tons.	139,400	41,057	3,536	3,329	3,558	3,379	3,647	3,594	3,263	3,560	3,425	3,587	3,579	3,624	3,475	
Dissolving and special alpha.....do.	11,679	1,701	151	127	156	133	150	141	131	154	139	145	142	160	120	
Sulfate.....do.	25,505	27,628	2,397	2,273	2,420	2,280	2,462	2,456	2,180	2,422	2,332	2,445	2,431	2,447	2,371	
Sulfite.....do.	2,431	2,337	196	181	198	191	210	192	197	194	187	201	208	203	203	
Groundwood.....do.	14,470	4,241	362	338	358	345	368	359	341	359	353	362	366	374	357	
Defibrated or exploded.....do.	1,625	1,585	135	132	133	132	131	135	128	127	129	131	134	134	133	
Soda, semichem., screenings, etc.....do.	3,690	3,564	295	277	292	297	306	310	286	303	284	303	298	305	291	
Stocks, end of period:																
Total, all mills.....do.	870	796	857	802	790	780	787	839	796	812	811	823	832	868	868	
Pulp mills.....do.	358	230	344	284	286	293	284	321	230	294	284	275	299	348	340	
Paper and board mills.....do.	426	469	433	443	432	418	431	440	469	440	457	474	459	450	461	
Nonpaper mills.....do.	86	99	80	75	72	70	72	77	99	79	76	74	74	71	67	
Exports, all grades, total.....do.	1,902	12,103	171	207	196	148	191	182	220	200	204	224	254	243	269	
Dissolving and special alpha.....do.	671	1,744	61	62	79	68	60	63	72	63	70	80	81	50	96	
All other.....do.	1,231	11,359	111	145	118	80	132	119	148	137	134	145	173	193	173	
Imports, all grades, total.....do.	3,540	14,040	349	338	307	320	400	356	358	304	294	348	304	296	309	
Dissolving and special alpha.....do.	302	1,298	27	26	18	22	30	24	35	24	21	25	24	23	15	
All other.....do.	3,238	13,743	322	312	289	299	370	332	323	280	273	323	280	273	293	
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, unadjusted.....thous. sh. tons.	50,703	53,488	4,535	4,227	4,513	4,367	4,711	4,455	4,253	4,586	4,264	4,532	4,624	4,469	4,373	
Paper.....do.	22,091	23,460	1,968	1,822	1,976	1,927	2,074	1,958	1,885	2,036	1,893	2,047	2,053	1,944	1,895	
Paperboard.....do.	24,267	25,561	2,180	2,029	2,151	2,047	2,228	2,150	2,046	2,237	2,057	2,142	2,198	2,180	2,100	
Wet-machine board.....do.	155	133	11	9	11	11	12	11	8	10	9	11	11	12	16	
Construction paper and board.....do.	4,190	4,333	376	368	374	382	397	336	314	304	304	332	359	353	362	
New orders (American Paper Institute):																
All grades, paper and board.....do.	50,207	53,754	4,552	4,185	4,553	4,453	4,709	4,413	4,238	4,532						
Wholesale price indexes:																
Printing paper.....1957-59=100	101.4	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7						
Book paper, A grade.....do.	119.6	122.9	123.2	123.2	123.2	123.2	123.2	126.4	126.4	126.4	127.5	127.5				
Paperboard.....do.	91.1	94.4	93.5	93.7	95.8	95.9	95.9	96.0	96.0	96.0	97.1	97.0				
Building paper and board.....do.	92.7	97.1	99.4	95.9	95.2	95.1	94.6	94.4	93.9	93.4	93.0	92.9				

* Revised. * Preliminary. * Corrected.

1 Reported annual total; revisions not allocated to the months. 2 Less than 50 thousand barrels.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
PULP, PAPER, AND PAPER PRODUCTS—Continued																
PAPER AND PAPER PRODUCTS—Con.																
Selected types of paper (API): [†]																
Groundwood paper, uncoated:																
Orders, new.....thous. sh. tons.....	1,171	94	104	100	83	105	114	94	94	92	108	94	104			
Orders, unfilled, end of period.....do.....	107	119	132	130	108	102	122	107	97	102	111	120	115			
Shipments.....do.....	1,123	95	87	100	91	104	94	91	93	89	91	94	101			
Coated paper:																
Orders, new.....do.....	3,230	270	266	282	266	289	242	245	287	269	278	287	268			
Orders, unfilled, end of period.....do.....	200	228	224	229	226	239	223	200	232	244	238	237	229			
Shipments.....do.....	3,313	268	271	284	272	294	269	275	278	254	287	292	282			
Book paper, uncoated:																
Orders, new.....do.....	2,515	203	186	212	197	230	202	196	222	195	215	195	216			
Shipments.....do.....	2,587	217	201	221	210	229	214	217	231	211	225	205	222			
Writing and related papers:																
Orders, new.....do.....	2,951	246	233	246	236	268	238	233	242	210	239	247	244			
Shipments.....do.....	2,899	246	231	245	242	262	239	234	247	234	248	243	249			
Unbleached kraft packaging and industrial converting papers:																
Orders, new.....do.....	3,922	334	308	341	316	323	297	344	337	312	344	300	288			
Orders, unfilled, end of period.....do.....	189	200	169	189	192	181	173	189	195	199	187	137	109			
Shipments.....do.....	3,865	328	294	329	328	320	317	319	328	318	355	317	307			
Tissue paper, production.....do.....	3,588	291	284	295	304	320	310	298	310	290	305	313	306			
Newsprint:																
Canada:																
Production.....do.....	8,031	8,758	720	726	751	706	794	760	730	692	750	752	715	671		
Shipments from mills.....do.....	8,096	8,741	721	720	705	725	804	808	795	659	704	701	716	734		
Stocks at mills, end of period.....do.....	203	220	309	315	362	343	333	285	220	310	357	402	452	388		
United States:																
Production.....do.....	2,935	3,232	275	249	271	255	288	279	255	279	273	274	290	289		
Shipments from mills.....do.....	2,946	3,233	277	251	259	257	291	290	275	261	247	278	274	277		
Stocks at mills, end of period.....do.....	27	27	53	51	63	62	58	46	27	45	55	51	65	69		
Consumption by publishers [§]do.....	7,025	7,344	607	550	582	606	666	682	631	563	539	617	624	643	582	
Stocks at and in transit to publishers, end of period.....thous. sh. tons.....	633	699	647	681	683	676	686	665	699	737	743	710	704	654	683	
Imports.....do.....	6,462	6,790	601	604	539	606	614	571	625	545	497	568	563	535	541	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered.....\$ per sh. ton.....	141.40	146.10	146.10	146.10	146.10	146.10	146.10	146.10	146.10	150.50	150.50	150.50				
Paperboard (American Paper Institute):																
Orders, new (weekly avg.).....thous. sh. tons.....	454	479	528	464	504	506	542	526	479	509	521	515	497	512	493	451
Orders, unfilled.....do.....	869	939	1,035	1,048	963	963	1,004	965	939	975	855	805	770	691	723	
Production, total (weekly avg.).....do.....	480	510	529	463	514	489	524	523	554	522	521	514	508	511	502	436
Paper products:																
Shipping containers, corrugated and solid fiber, shipments.....mil. sq. ft. surf. area.....	173,814	185,536	14,906	14,827	15,546	16,725	17,959	14,321	14,535	14,469	14,152	15,233	15,370	15,021	15,569	
Folding paper boxes *.....thous. sh. tons.....	2,575.0	2,627.0	214.5	213.8	221.4	226.1	243.8	206.4	232.4	210.8	195.4	223.8	207.3	209.4		
.....mil. sq. ft. surf. area.....	1,162.0	1,229.0	101.1	99.6	104.0	107.9	115.6	98.0	109.0	101.4	95.0	108.7	100.5	99.3		

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. lg. tons.....	581.86	598.27	50.22	44.22	46.86	52.44	55.56	48.26	49.93	49.98	48.27	50.02	48.11	35.80		
Stocks, end of period.....do.....	107.76	106.49	107.35	104.91	104.45	107.41	104.49	103.06	106.49	104.91	98.58	95.14	96.42	98.22		
Imports, incl. latex and guayule.....do.....	540.17	585.28	46.66	40.84	55.19	49.49	59.45	49.26	50.51	59.03	44.05	56.82	45.66	42.10	41.64	
Price, wholesale, smoked sheets (N.Y.)...\$ per lb.....	.198	.262	.268	.285	.314	.279	.265	.250	.238	.255	.251	.223	.221	.218	.216	.201
Synthetic rubber:																
Production.....thous. lg. tons.....	2,131.10	2,250.19	183.58	179.34	182.24	190.23	200.93	187.86	198.64	193.11	178.91	186.76	178.68	182.03		
Consumption.....do.....	1,896.15	2,024.06	166.79	149.36	159.72	178.46	190.80	164.98	168.65	169.07	166.69	177.35	170.39	120.45		
Stocks, end of period.....do.....	368.16	441.03	410.61	420.86	428.41	423.78	417.14	424.39	441.03	434.37	436.75	433.30	422.36	458.99		
Exports (Bu. of Census).....do.....	291.03	226.49	21.60	18.32	23.65	21.68	24.44	20.32	23.11	23.36	23.68	22.27	26.14	25.25	27.25	
Reclaimed rubber:																
Production.....do.....	257.22	238.92	20.21	18.11	18.98	19.32	21.35	17.42	17.94	18.77	18.38	18.48	17.45	13.26		
Consumption.....do.....	250.43	231.77	21.37	16.16	16.97	18.87	21.97	16.99	18.58	17.54	17.49	19.03	17.34	13.44		
Stocks, end of period.....do.....	29.58	29.27	30.78	31.43	31.73	31.15	31.32	31.08	29.27	30.46	30.51	28.42	27.28	27.79		
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production.....thous.....	2203,060	207,826	17,435	15,447	15,829	17,752	19,151	16,738	17,789	18,174	17,522	17,606	17,216	12,642		
Shipments, total.....do.....	199,155	204,777	20,115	16,681	15,678	19,494	20,390	14,407	13,746	13,895	14,519	18,908	19,559	18,286		
Original equipment.....do.....	58,392	55,704	5,009	2,514	3,428	5,519	5,836	4,750	4,041	4,150	3,681	4,403	4,507	4,912		
Replacement equipment.....do.....	137,562	146,650	14,847	13,973	12,025	13,718	14,249	9,519	9,505	9,625	10,651	14,320	14,877	13,201		
Exports.....do.....	23,202	2,423	259	194	224	258	305	138	200	120	187	185	175	173		
Stocks, end of period.....do.....	42,128	49,152	45,135	44,317	44,686	43,386	42,331	44,898	49,152	53,750	57,105	56,400	54,620	49,670		
Exports (Bu. of Census).....do.....	2,518	2,364	264	147	275	322	298	187	166	156	90	150	114	110	133	
Inner tubes, automotive:																
Production.....do.....	43,791	41,657	3,375	3,160	3,092	3,576	3,913	3,263	3,073	3,384	2,918	3,336	3,278	2,060		
Shipments.....do.....	43,957	44,860	4,041	3,929	3,495	3,826	4,361	3,324	3,172	3,971	3,371	3,783	3,666	3,024		
Stocks, end of period.....do.....	11,828	11,191	11,499	11,088	11,103	11,171	11,020	11,125	11,191	10,811	10,754	10,393	10,222	9,680		
Exports (Bu. of Census).....do.....	1,390	1,088	91	66	99	111	83	79	83	84	67	111	71	85	85	

[†] Revised. [‡] Preliminary. ¹ Revisions for Jan.-Aug. 1968 for synthetic rubber consumption are as follows (thous. lg. tons): 162.96; 154.29; 162.07; 155.85; 162.67; 153.44; 135.82; 154.33. ² Annual total includes revisions not distributed to the months.

[†] Data have been regrouped by the American Paper Institute; details and available earlier data appear in their April 1970 *Monthly Statistical Summary*.

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

* New series. Monthly data are available back to 1955.
[•] Revisions for Jan.- May 1969 will be shown later.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July
STONE, CLAY, AND GLASS PRODUCTS																	
PORTLAND CEMENT																	
Shipments, finished cement.....thous. bbl.	1,397,448	1,409,564	41,012	42,386	42,988	43,086	43,585	31,249	25,984	16,932	20,039	25,722	32,912	36,385	39,699	-----	-----
CLAY CONSTRUCTION PRODUCTS																	
Shipments:																	
Brick, unglazed (common and face)																	
mll. standard brick	7,556.8	7,289.7	698.5	699.1	669.4	654.6	686.3	529.6	453.9	300.4	385.6	543.3	*474.8	580.8	-----	-----	-----
structural tile, except facing.....thous. sh. tons	192.5	241.5	21.3	22.1	19.0	18.2	20.4	18.8	17.1	15.9	14.8	17.7	*17.7	17.6	-----	-----	-----
Sewer pipe and fittings, vitrified.....do.	1,705.5	1,783.5	183.1	174.7	170.7	177.8	167.6	136.0	118.6	91.9	96.3	142.2	*134.4	138.7	-----	-----	-----
Facing tile (hollow), glazed and unglazed																	
mll. brick equivalent	220.6	209.0	18.4	18.9	16.9	17.8	19.4	15.4	16.6	11.5	10.7	12.8	16.2	10.5	-----	-----	-----
Floor and wall tile and accessories, glazed and unglazed	274.5	284.8	26.2	23.8	24.0	23.8	25.0	20.5	21.3	19.2	19.4	22.8	*22.2	20.5	-----	-----	-----
Price index, brick (common), f.o.b. plant or N.Y. dock.....1957-59=100	117.1	122.3	122.6	122.7	122.7	123.2	123.2	123.5	123.5	124.8	124.8	125.4	-----	-----	-----	-----	-----
GLASS AND GLASS PRODUCTS																	
Flat glass, mfrs.' shipments.....thous. \$.	387,469	416,870	101,002	-----	-----	98,425	-----	-----	108,303	-----	-----	97,076	-----	-----	-----	-----	-----
Sheet (window) glass, shipments.....do.	139,391	150,123	36,998	-----	-----	36,385	-----	-----	37,180	-----	-----	29,040	-----	-----	-----	-----	-----
Plate and other flat glass, shipments.....do.	248,078	266,747	64,004	-----	-----	62,040	-----	-----	71,123	-----	-----	68,036	-----	-----	-----	-----	-----
Glass containers:																	
Production.....thous. gross	(*)	259,373	22,743	21,527	22,362	21,377	22,879	20,579	19,460	20,824	20,300	21,927	22,555	*23,293	22,884	-----	-----
Shipments, domestic, total.....do.	(*)	250,212	22,246	21,795	22,623	22,732	20,627	18,554	22,151	17,913	18,570	24,705	20,110	*21,411	23,760	-----	-----
General-use food:																	
Narrow-neck food.....do.	(*)	24,172	1,970	2,055	2,590	2,817	1,919	1,557	1,737	1,705	1,877	2,014	1,927	1,963	2,043	-----	-----
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars).....thous. gross	(*)	57,828	4,745	4,702	5,269	5,333	5,361	4,595	5,095	4,372	4,331	5,141	4,200	4,140	4,731	-----	-----
Beverage.....do.	(*)	55,848	5,952	5,400	4,841	4,561	4,093	4,142	6,030	3,990	4,221	6,342	4,839	5,956	6,900	-----	-----
Beer bottles.....do.	(*)	51,086	4,359	5,114	4,927	4,747	3,922	3,434	4,073	3,192	3,499	5,415	4,407	4,988	5,221	-----	-----
Liquor and wine.....do.	(*)	20,324	1,823	1,594	1,668	1,840	1,853	1,607	1,710	1,524	1,479	2,097	1,685	1,505	1,681	-----	-----
Medicinal and toilet.....do.	(*)	35,916	2,983	2,556	2,902	3,020	3,038	2,884	3,075	2,843	2,806	3,237	2,705	2,545	2,844	-----	-----
Chemical, household and industrial.....do.	(*)	4,455	366	330	381	366	397	289	381	254	329	428	320	285	315	-----	-----
Dairy products.....do.	(*)	583	48	44	45	48	44	46	50	33	28	31	27	*29	25	-----	-----
Stocks, end of period.....do.	23,518	30,167	31,962	31,470	30,960	29,275	31,263	33,051	30,167	33,032	34,381	31,313	33,540	35,204	34,105	-----	-----
GYPSUM AND PRODUCTS (QTRLY)																	
Crude gypsum, total:																	
Imports.....thous. sh. tons	5,454	5,858	1,457	-----	-----	1,876	-----	-----	1,497	-----	-----	1,206	-----	-----	-----	-----	-----
Production.....do.	10,018	9,881	2,573	-----	-----	2,697	-----	-----	2,448	-----	-----	2,181	-----	-----	-----	-----	-----
Calcined, production, total.....do.	8,844	9,324	2,410	-----	-----	2,407	-----	-----	2,218	-----	-----	2,000	-----	-----	-----	-----	-----
Gypsum products sold or used, total:																	
Uncalcined uses.....do.	4,935	4,681	1,507	-----	-----	1,318	-----	-----	1,162	-----	-----	702	-----	-----	-----	-----	-----
Industrial uses.....do.	301	316	82	-----	-----	77	-----	-----	78	-----	-----	76	-----	-----	-----	-----	-----
Building uses:																	
Plasters:																	
Base-coat.....do.	536	473	127	-----	-----	124	-----	-----	105	-----	-----	108	-----	-----	-----	-----	-----
All other (incl. Keene's cement).....do.	778	702	179	-----	-----	195	-----	-----	163	-----	-----	140	-----	-----	-----	-----	-----
Lath.....mll. sq. ft.	999	917	250	-----	-----	235	-----	-----	212	-----	-----	184	-----	-----	-----	-----	-----
Wallboard.....do.	8,283	9,090	2,385	-----	-----	2,359	-----	-----	2,213	-----	-----	1,899	-----	-----	-----	-----	-----
All other.....do.	269	275	79	-----	-----	70	-----	-----	59	-----	-----	46	-----	-----	-----	-----	-----

TEXTILE PRODUCTS

WOVEN FABRICS																	
Woven fabrics (gray goods), weaving mills:																	
Production, total.....mll. linear yd.	12,693	12,906	1,008	*983	986	965	*1,231	979	*1,175	948	958	*1,191	910	924	-----	-----	-----
Cotton.....do.	7,408	7,159	561	*526	552	533	*672	543	*650	522	527	*632	491	502	-----	-----	-----
Manmade fiber.....do.	5,052	5,546	432	*440	420	419	*544	423	*509	410	414	*538	404	406	-----	-----	-----
Stocks, total, end of period.....do.	1,366	1,404	1,333	1,360	1,372	1,376	1,343	1,335	1,404	1,401	1,417	1,389	*1,389	1,406	-----	-----	-----
Cotton.....do.	739	659	669	671	691	674	663	639	659	655	658	622	606	594	-----	-----	-----
Manmade fiber.....do.	611	730	652	674	688	689	668	682	730	729	743	749	765	795	-----	-----	-----
Orders, unfilled, total, end of period.....do.	3,098	2,779	3,170	3,139	3,024	2,902	2,847	2,838	2,779	2,679	2,620	2,510	*2,482	2,522	-----	-----	-----
Cotton.....do.	1,627	1,535	1,617	1,634	1,593	1,496	1,500	1,498	1,535	1,483	1,451	1,396	1,393	1,438	-----	-----	-----
Manmade fiber.....do.	1,384	1,165	1,470	1,420	1,358	1,333	1,275	1,265	1,165	1,112	1,090	1,047	*1,026	1,030	-----	-----	-----
COTTON																	
Cotton (excluding linters):																	
Production:																	
Ginnings.....thous. running bales	10,917	9,943	-----	80	528	1,610	5,789	8,390	*9,107	*9,826	-----	*9,943	-----	-----	-----	6	-----
Crop estimate, equivalent 500-lb. bales	10,948	10,014	-----	-----	-----	-----	-----	-----	-----	-----	-----	*10,014	-----	-----	-----	*11,079	-----
Consumption.....thous. bales	8,568	8,294	644	*649	629	634	*810	646	*717	635	626	*780	616	*609	*732	-----	-----
Stocks in the United States, total, end of period.....thous. bales	12,978	12,236	7,469	6,520	15,612	14,844	13,883	13,123	12,236	11,224	10,452	9,081	8,372	*7,566	6,537	-----	-----
Domestic cotton, total.....do.	12,926	12,219	7,436	6,489	15,579	14,820	13,861	13,105	12,219	11,208	10,431	9,062	8,349	*7,546	6,518	-----	-----
On farms and in transit.....do.	1,548	1,294	506	400	9,874	9,000	5,292	2,928	1,294	1,040	982	485	597	645	448	-----	-----
Public storage and compresses.....do.	9,807	9,653	5,203	4,466	4,258	4,526	7,526	9,079	9,653	8,832	7,977	7,008	6,160	*5,363	4,619	-----	-----
Consuming establishments.....do.	1,571	1,272	1,728	1,623	1,447	1,294	1,043	1,098	1,272	1,336	1,460	1,699	1,592	*1,538	1,451	-----	-----
Foreign cotton, total.....do.	52	17	33	31	33	23	21	19	17	16	21	19	23	20	19	-----	-----

* Revised. ¹ Reported annual total; revisions r allocated to the months. ² Data cover 5 weeks; other months, 4 weeks. ³ Ginnings to Dec. 13. ⁴ Ginnings to Jan. 16. ⁵ Crop for the year 1969. ⁶ Data not available owing to lack of complete reports from the industry. ⁷ Aug. 1 estimate of 1970 crop. ⁸ Includes data not shown separately. ⁹ Effective Aug. 1969 SURVEY, data (1964-Apr. 1969) reflect adjustments to new benchmarks; see Bureau of Census reports: Woven Fabrics (1964-68), Series M22A-Supplement and (Jan.-Apr. 1969), M22A (69) 1-4 Supplement.

Stocks (owned by weaving mills and billed and held for others) exclude bedsheeting, toweling, and blanketing, and billed and held stocks of denims.

Unfilled orders cover wool apparel (including polyester-wool) finished fabrics; production and stocks exclude figures for such finished fabrics. Orders also exclude bedsheeting, toweling, and blanketing.

Total ginnings to end of month indicated, except as noted.

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS

	1968	1969	1969								1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July
TEXTILE PRODUCTS—Continued																	
COTTON—Continued																	
Cotton (excluding linters)—Continued																	
Exports.....thous. bales..	3,870	2,397	194	278	147	141	167	123	176	382	325	246	308	299	269	-----	-----
Imports.....do.....	95	46	3	1	1	4	13	6	1	3	8	4	7	2	2	-----	-----
Price (farm), American upland.....cents per lb..	122.0	120.8	21.3	21.6	20.5	19.4	21.7	21.4	20.0	19.1	20.2	20.7	21.4	22.1	22.3	22.6	22.6
Price, middling 1", avg. 12 markets.....do.....	122.9	121.9	21.9	21.9	21.6	21.4	21.7	21.9	22.0	22.0	22.1	22.2	22.4	22.6	22.8	23.0	23.0
COTTON MANUFACTURES																	
Spindle activity (cotton system spindles):																	
Active spindles, last working day, total.....mil..	20.0	19.6	19.9	19.9	19.8	19.7	19.7	19.7	19.6	19.6	19.5	19.5	19.3	19.1	19.1	-----	-----
Consuming 100 percent cotton.....do.....	13.1	12.4	13.0	12.9	12.8	12.7	12.6	12.6	12.4	12.4	12.2	12.2	12.1	11.9	11.9	-----	-----
Spindle hours operated, all fibers, total.....bil..	128.0	125.6	9.8	10.2	9.6	9.6	12.1	9.5	10.6	9.4	9.3	11.5	8.9	9.0	10.6	-----	-----
Average per working day.....do.....	.493	.476	.490	.406	.480	.480	.483	.475	.424	.470	.466	.459	.447	.451	.423	-----	-----
Consuming 100 percent cotton.....do.....	85.9	80.9	6.4	6.4	6.2	6.1	7.7	6.0	6.7	5.9	5.8	7.2	5.6	5.6	6.5	-----	-----
Cotton yarn, price, 36/2, combed, knit.....\$ per lb..	1.049	1.027	1.024	1.024	1.024	1.027	1.027	1.024	1.024	1.021	1.021	1.014	-----	-----	-----	-----	-----
Cotton cloth:																	
Cotton broadwoven goods over 12" in width:																	
Production (qtrly.).....mil. lin. yd..	7,476	6,965	1,810	-----	-----	1,608	-----	-----	1,723	-----	1,664	-----	-----	-----	-----	-----	-----
Orders, unfilled, end of period, as compared with avg. weekly production.....No. weeks' prod..	13.8	15.0	13.0	17.5	12.9	12.7	12.8	13.1	15.0	13.0	12.7	12.8	13.2	13.3	-----	-----	-----
Inventories, end of period, as compared with avg. weekly production.....No. weeks' prod..	5.3	6.0	5.2	6.8	5.3	5.4	5.4	5.1	6.0	5.6	5.5	5.5	5.5	5.4	-----	-----	-----
Ratio of stocks to unfilled orders (at cotton mills), end of period, seasonally adjusted.....	.40	.42	.39	.38	.40	.41	.42	.39	.42	.43	.45	.44	.43	.41	-----	-----	-----
Exports, raw cotton equiv.....thous. bales..	256.0	331.1	28.2	23.7	27.1	26.3	30.1	39.1	34.9	28.2	23.1	29.1	28.0	25.0	21.1	-----	-----
Imports, raw cotton equiv.....do.....	559.6	573.4	63.5	45.5	57.2	45.2	43.2	48.9	44.0	52.7	49.9	52.0	40.7	52.0	42.1	-----	-----
Mill margins:																	
Carded yarn cloth average.....cents per lb..	37.73	43.27	42.81	43.02	43.51	44.03	44.06	43.96	43.92	43.92	43.86	43.79	43.65	43.41	43.33	-----	-----
Combed yarn cloth average.....do.....	93.25	108.02	107.28	106.90	107.42	107.60	107.46	107.87	109.01	108.81	108.00	106.81	105.11	101.65	99.07	-----	-----
Blends (65% polyester-35% cotton).....do.....	64.40	59.16	59.60	60.22	60.03	59.52	60.36	60.71	61.02	61.11	60.43	-----	-----	-----	-----	-----	-----
Prices, wholesale:																	
Print cloth, 39 inch, 68 x 72.....cents per yard..	17.3	18.7	19.0	19.0	19.0	19.0	19.0	18.5	18.5	18.5	17.8	17.8	-----	-----	-----	-----	-----
Sheeting, class B, 40-inch, 48 x 44-48.....do.....	18.6	-----	18.4	18.5	18.8	-----	19.3	-----	19.0	19.3	-----	-----	-----	-----	-----	-----	-----
MANMADE FIBERS AND MANUFACTURES																	
Fiber production, qtrly. total.....mil. lb..	5,159.5	5,520.2	1,380.8	-----	-----	1,403.4	-----	-----	1,368.6	-----	1,379.6	-----	-----	-----	-----	-----	-----
Filament yarn (rayon and acetate).....do.....	805.2	774.4	191.3	-----	-----	195.8	-----	-----	183.9	-----	181.7	-----	-----	-----	-----	-----	-----
Staple, incl. tow (rayon).....do.....	739.1	758.8	191.8	-----	-----	189.1	-----	-----	187.5	-----	171.7	-----	-----	-----	-----	-----	-----
Noncellulosic, except textile glass:																	
Yarn and monofilaments.....do.....	1,662.1	1,766.9	445.1	-----	-----	445.3	-----	-----	435.1	-----	446.3	-----	-----	-----	-----	-----	-----
Staple, incl. tow.....do.....	1,550.4	1,718.7	430.8	-----	-----	443.3	-----	-----	422.1	-----	452.0	-----	-----	-----	-----	-----	-----
Textile glass fiber.....do.....	402.7	501.4	121.8	-----	-----	129.9	-----	-----	140.0	-----	127.9	-----	-----	-----	-----	-----	-----
Exports: Yarns and monofilaments.....thous. lb..	96,390	100,539	7,554	9,952	9,886	8,774	9,230	8,887	8,710	9,861	12,692	15,564	12,523	15,212	16,942	-----	-----
Staple, tow, and tops.....do.....	108,253	127,484	10,983	8,478	10,433	11,122	11,799	11,636	13,019	13,762	13,665	16,113	14,273	12,980	12,106	-----	-----
Imports: Yarns and monofilaments.....do.....	59,303	41,063	2,951	2,178	4,564	2,979	1,003	4,533	5,872	5,031	6,755	8,751	8,874	9,085	11,966	-----	-----
Staple, tow, and tops.....do.....	217,707	159,404	18,333	17,090	16,946	12,989	13,997	12,227	8,726	16,317	14,705	13,772	12,483	12,028	11,168	-----	-----
Stocks, producers', end of period:																	
Filament yarn (rayon and acetate).....mil. lb..	59.4	78.4	68.8	-----	-----	80.5	-----	-----	78.4	-----	80.6	-----	-----	-----	-----	-----	-----
Staple, incl. tow (rayon).....do.....	59.0	75.6	54.5	-----	-----	56.2	-----	-----	75.6	-----	92.0	-----	-----	-----	-----	-----	-----
Noncellulosic fiber, except textile glass:																	
Yarn and monofilaments.....do.....	194.3	259.8	248.1	-----	-----	263.2	-----	-----	259.8	-----	258.4	-----	-----	-----	-----	-----	-----
Staple, incl. tow.....do.....	210.9	247.6	223.6	-----	-----	249.2	-----	-----	247.6	-----	251.3	-----	-----	-----	-----	-----	-----
Textile glass fiber.....do.....	47.3	70.6	51.5	-----	-----	56.9	-----	-----	70.6	-----	78.4	-----	-----	-----	-----	-----	-----
Prices, manmade fibers, f.o.b. producing plant:																	
Staple: Polyester, 1.5 denier.....\$ per lb..	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	-----	-----
Yarn: Rayon (viscose), 150 denier.....do.....	.85	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	-----	-----
Acrylic (spun), knitting, 2/20, 3-6D.....do.....	1.42	1.42	1.43	1.42	1.42	1.42	1.41	1.41	1.41	1.41	1.41	1.41	1.42	-----	-----	-----	-----
Manmade fiber and silk broadwoven fabrics:																	
Production (qtrly.), total.....mil. lin. yd..	5,203.6	5,396.9	1,387.5	-----	-----	1,257.3	-----	-----	1,341.2	-----	1,335.4	-----	-----	-----	-----	-----	-----
Filament yarn (100%) fabrics.....do.....	1,737.2	1,690.7	438.2	-----	-----	395.0	-----	-----	421.0	-----	404.8	-----	-----	-----	-----	-----	-----
Chiefly rayon and/or acetate fabrics.....do.....	779.8	776.4	199.1	-----	-----	179.3	-----	-----	198.5	-----	186.0	-----	-----	-----	-----	-----	-----
Chiefly nylon fabrics.....do.....	847.8	845.0	91.5	-----	-----	82.6	-----	-----	78.9	-----	76.0	-----	-----	-----	-----	-----	-----
Spun yarn (100%) fab., exc. blanketing.....do.....	2,749.4	2,953.7	761.2	-----	-----	681.2	-----	-----	726.9	-----	741.1	-----	-----	-----	-----	-----	-----
Rayon and/or acetate fabrics and blends																	
Polyester blends with cotton.....do.....	678.0	629.8	173.6	-----	-----	143.8	-----	-----	130.5	-----	124.3	-----	-----	-----	-----	-----	-----
Filament and spun yarn fabrics (combinations and mixtures).....mil. lin. yd..	1,751.9	1,885.7	474.0	-----	-----	431.6	-----	-----	478.6	-----	501.0	-----	-----	-----	-----	-----	-----
-----	482.9	517.0	128.0	-----	-----	124.6	-----	-----	134.3	-----	133.5	-----	-----	-----	-----	-----	-----
WOOL																	
Wool consumption, mill (clean basis):																	
Apparel class.....mil. lb..	238.3	219.0	18.2	18.8	16.9	14.2	19.5	14.7	16.1	16.0	15.6	18.8	15.6	14.1	16.2	-----	-----
Carpet class.....do.....	91.4	93.8	7.6	7.6	7.0	7.7	9.8	6.7	7.3	5.8	5.7	7.2	5.8	6.6	6.7	-----	-----
Wool imports, clean yield.....do.....	249.4	189.2	14.7	15.9	23.7	12.3	7.5	17.5	16.4	12.9	15.7	18.0	12.3	11.3	17.0	-----	-----
Duty-free (carpet class).....do.....	119.6	95.7	6.5	10.8	14.0	7.1	4.2	9.3	7.2	5.8	6.1	6.4	4.7	4.3	7.8	-----	-----
Wool prices, raw, clean basis, Boston:																	
Good French combed and staple:																	
Graded territory, fine.....\$ per lb..	1.207	1.221	1.220	1.220	1.220	1.220	1.218	1.210	1.198	1.185	1.185	1.110	1.081	1.070	1.055	1.025	-----
Graded fleece, 3/8 blood.....do.....	.840	.862	.850	.850	.850	.850	.850	.890	.890	.884	.865	.865	.865	.880	.880	.880	-----
Australian, 64s, 70s, good topmaking.....do.....	1.180	1.174	1.195	1.195	1.195	1.195	1.175	1.089	1.075	1.034	1.014	1.010	1.019	1.025	1.020	.982	-----
WOOL MANUFACTURES																	
Knitting yarn, worsted, 2/20s-50s/56s, American system, wholesale price.....1957-59=100..	91.0	92.6	92.6	92.6	92.3	92.3	92.3	92.6	92.5	92.5	92.6	92.9	-----	-----	-----	-----	-----
Wool broadwoven goods, exc. felts:																	
Production (qtrly.).....mil. lin. yd..	243.3	228.2	66.1	-----	-----	48.1	-----	-----	45.7	-----	59.6	-----	-----	-----	-----	-----	-----
Price (wholesale), suiting, flannel, men's and boys', f.o.b. mill.....1957-59=100..	100.9	102.6	102.1	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	-----	-----	-----	-----	-----

* Revised. ¹ Season average. ² For 5 weeks; other months, 4 weeks. ³ Average for 6 months, July-Dec. ⁴ Beginning 1969, the average omits two cloths previously included. ⁵ Revised total; revisions not distributed by months. ⁶ Beginning Jan. 1970, quotation refers to Australian wool, 64's, Type 62; comparable prices prior to 1970 are not available.

able. ⁷

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TEXTILE PRODUCTS—Continued																
APPAREL																
Hosiery, shipments.....thous. doz. pairs	225,588	244,726	22,725	20,771	21,144	20,897	24,166	20,306	17,631	17,881	18,511	19,267	18,900	18,477	22,403	.....
Men's apparel, cuttings:																
Tailored garments:																
Suits.....thous. units	20,564	20,829	1,765	1,174	1,752	1,625	1,850	1,676	1,378	1,540	1,489	1,614	1,571	1,532	.....	
Overcoats and topcoats.....do.	3,784	2,905	295	195	279	272	254	195	114	129	148	215	281	274	.....	
Coats (separate), dress and sport.....do.	14,237	14,136	1,136	855	1,182	1,026	1,354	1,102	1,052	1,036	928	1,013	1,092	1,013	.....	
Trousers (separate), dress and sport.....do.	165,104	167,360	14,472	13,023	14,798	14,040	14,097	13,923	11,390	13,730	13,890	15,299	16,140	15,094	.....	
Shirts (woven fabrics), dress and sport.....thous. doz.	21,771	21,252	1,713	1,495	1,694	1,800	2,058	1,875	1,782	1,791	1,985	1,972	2,005	1,856	.....	
Work clothing:																
Dungarees, waistband overalls, jeans.....do.	7,173	8,472	709	789	698	800	746	825	728	767	783	871	801	756	.....	
Shirts.....do.	4,470	3,590	285	247	285	315	345	330	293	287	263	320	322	295	.....	
Women's, misses', juniors' apparel, cuttings:																
Coats.....thous. units	21,592	19,859	1,679	1,707	1,727	1,804	2,107	1,772	1,503	1,712	1,522	1,207	992	1,192	.....	
Dresses.....do.	277,958	255,228	20,614	19,089	20,068	20,391	22,148	18,169	16,850	19,259	21,912	23,162	22,894	20,081	.....	
Suits.....do.	8,152	5,680	425	541	496	497	501	371	394	554	573	381	424	415	.....	
Blouses and shirts.....thous. doz.	15,293	14,457	1,129	1,160	1,074	1,119	1,543	1,308	1,097	1,220	1,357	1,348	1,293	1,153	.....	
Skirts.....do.	8,168	7,694	598	830	738	683	722	500	443	643	558	683	571	554	.....	
TRANSPORTATION EQUIPMENT																
AEROSPACE VEHICLES																
Orders, new (net), qtrly. total.....mil. \$	27,168	22,005	4,240	.....	5,699	.....	5,616	.....	.....	4,790	.....	.....	.....	.....	.....	.....
U.S. Government.....do.	16,577	14,521	2,283	.....	4,145	.....	3,723	.....	.....	3,021	.....	.....	.....	.....	.....	.....
Prime contract.....do.	24,575	19,289	3,588	.....	5,186	.....	4,949	.....	.....	4,177	.....	.....	.....	.....	.....	.....
Sales (net), receipts, or billings, qtrly. total.....do.	25,592	24,648	6,196	.....	5,796	.....	6,609	.....	.....	5,968	.....	.....	.....	.....	.....	.....
U.S. Government.....do.	16,635	16,560	4,148	.....	3,926	.....	4,545	.....	.....	3,895	.....	.....	.....	.....	.....	.....
Backlog of orders, end of period.....do.	30,749	28,297	29,388	.....	29,284	.....	28,297	.....	.....	27,119	.....	.....	.....	.....	.....	.....
U.S. Government.....do.	16,343	14,298	14,916	.....	15,123	.....	14,298	.....	.....	13,424	.....	.....	.....	.....	.....	.....
Aircraft (complete) and parts.....do.	16,608	15,610	16,346	.....	16,160	.....	15,610	.....	.....	14,805	.....	.....	.....	.....	.....	.....
Engines (aircraft) and parts.....do.	3,951	3,578	4,285	.....	3,988	.....	3,578	.....	.....	3,347	.....	.....	.....	.....	.....	.....
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$	5,083	4,338	4,000	.....	4,282	.....	4,338	.....	.....	4,252	.....	.....	.....	.....	.....	.....
Other related operations (conversions, modifications), products, services.....mil. \$	2,834	2,881	2,834	.....	2,799	.....	2,881	.....	.....	2,774	.....	.....	.....	.....	.....	.....
Aircraft (complete):																
Shipments.....do.	4,355.1	3,593.4	242.2	290.2	267.7	198.7	249.6	224.7	342.6	209.6	326.4	341.5	429.7	419.1	208.1	.....
Airframe weight.....thous. lb.	76,202	60,117	4,180	4,832	4,096	3,764	4,151	3,438	5,464	3,389	5,037	5,971	6,899	7,116	3,237	.....
Exports, commercial.....mil. \$	1,403.1	1,239.2	72.5	83.8	93.0	36.1	107.4	71.6	143.0	156.6	159.9	162.2	159.5	240.5	96.5	.....
MOTOR VEHICLES																
Factory sales (from plants in U.S.), total.....thous.	10,718.2	10,142.8	940.9	617.1	473.7	907.3	1,048.5	855.2	788.7	719.1	689.2	776.9	807.5	890.1	991.0	2 586.4
Domestic.....do.	10,172.2	9,583.6	889.6	588.5	446.5	849.9	995.7	807.4	741.5	683.5	650.8	732.2	760.9	839.5	931.0	.....
Passenger cars, total.....do.	8,822.2	8,223.7	777.1	465.2	346.4	751.6	856.8	682.1	624.0	571.4	555.2	626.2	661.3	724.4	805.3	2 449.8
Domestic.....do.	8,407.1	7,806.5	740.4	446.9	329.5	706.5	815.6	644.0	588.8	545.0	528.4	594.4	627.2	684.4	758.4	.....
Trucks and buses, total.....do.	1,896.1	1,919.1	163.8	152.0	127.3	155.7	191.7	173.2	164.7	147.7	134.1	150.7	146.2	165.7	185.7	2 136.6
Domestic.....do.	1,765.1	1,777.1	149.2	141.6	117.0	143.3	180.1	163.3	152.7	138.5	122.4	137.8	133.7	155.1	172.6	.....
Exports:																
Passenger cars (new), assembled.....do.	330.46	333.45	27.09	16.95	10.92	35.13	34.47	32.84	30.39	18.76	19.19	18.40	35.85	33.11	39.08	.....
To Canada.....do.	286.78	292.11	24.84	14.95	9.48	31.39	28.30	27.92	25.96	14.64	15.44	13.98	32.16	30.04	36.40	.....
Trucks and buses (new), assembled.....do.	92.03	103.23	10.24	7.92	7.97	7.45	8.87	7.48	8.33	6.40	8.66	10.61	8.81	8.79	8.68	.....
Imports:																
Passenger cars (new), complete units.....do.	1,620.45	1,846.72	185.53	160.15	120.38	148.65	177.66	154.02	165.11	177.06	167.79	177.07	205.72	174.73	187.76	.....
From Canada, total.....do.	1,500.88	691.15	68.52	40.99	26.58	68.37	76.61	70.84	73.25	59.19	61.35	70.00	74.17	74.36	79.16	.....
Trucks and buses, complete units.....do.	1,114.65	146.01	12.65	8.63	9.70	11.90	13.94	3.86	13.90	12.04	10.29	9.99	9.85	10.13	10.52	.....
Shipments, truck trailers:																
Complete trailers and chassis.....number	113,928	138,347	12,606	11,370	10,702	11,903	12,359	10,768	9,899	10,004	9,824	10,253	9,095	9,871	8,727	.....
Vans.....do.	75,148	94,808	8,942	7,941	7,554	8,730	8,761	7,754	6,556	6,795	6,547	7,237	6,062	7,057	5,613	.....
Trailer bodies and chassis (detachable), sold separately.....number	33,761	33,332	1,754	2,368	2,827	3,651	3,532	3,727	4,039	3,461	3,947	3,300	2,189	2,056	2,322	.....
Registrations (new vehicles): ○																
Passenger cars.....thous.	19,403.9	9,446.5	841.9	815.3	718.8	733.4	955.6	757.5	912.5	619.1	578.4	741.1	768.4	784.4	900.9	.....
Foreign cars.....do.	1,985.8	1,061.6	91.7	90.2	95.6	95.1	112.6	93.6	101.7	81.8	73.8	79.8	100.0	104.2	118.6	.....
Trucks.....do.	1,775.6	1,888.8	160.9	169.6	153.8	149.1	174.4	146.8	185.0	130.9	124.4	155.2	161.9	158.9	176.6	.....
RAILROAD EQUIPMENT																
Freight cars (ARCI & AAR):																
Shipments.....number	56,262	68,452	5,445	4,861	5,482	6,881	6,972	6,273	5,765	4,282	5,755	6,632	6,448	5,832	6,115	.....
Equipment manufacturers.....do.	38,991	54,072	3,888	3,770	4,032	4,879	5,181	4,941	4,640	3,484	4,859	5,386	4,800	4,227	4,478	.....
Railroad shops, domestic.....do.	17,271	14,380	1,557	1,091	1,450	2,002	1,791	1,332	1,125	798	896	1,246	1,648	1,605	1,637	.....
New orders.....do.	163,561	84,345	7,968	5,747	2,679	4,504	3,782	8,264	9,022	2,032	3,632	3,080	5,501	2,387	5,218	.....
Equipment manufacturers.....do.	149,391	65,401	6,683	3,047	2,284	4,021	3,148	3,456	4,753	2,032	3,236	1,948	5,501	2,218	3,487	.....
Railroad shops, domestic.....do.	14,170	18,944	1,285	2,700	395	483	634	4,808	4,269	0	396	1,132	0	169	1,731	.....
Unfilled orders, end of period.....do.	31,740	46,751	50,395	51,233	47,915	45,133	42,043	43,460	46,751	44,201	40,704	36,426	34,491	31,046	30,149	.....
Equipment manufacturers.....do.	24,540	35,508	42,850	42,079	39,816	38,853	36,920	35,361	35,508	33,756	30,759	26,595	26,308	24,299	23,308	.....
Railroad shops, domestic.....do.	7,200	11,243	7,545	9,154	8,099	6,280	5,123	8,099	11,243	10,445	9,945	9,831	8,183	6,747	6,841	.....
Freight cars (revenue), class 1 railroads (AAR): \$																
Number owned, end of period.....thous.	1,458	1,438	1,446	1,443	1,442	1,441	1,440	1,440	1,438	1,438	1,435	1,434	1,435	1,434	1,433	.....
Held for repairs, % of total owned.....	5.2	5.6	5.3	5.4	5.5	5.5	5.5	5.5	5.6	5.7	5.6	5.7	5.6	5.7	5.5	.....
Capacity (carrying), aggregate, end of period.....mil. tons	93.82	94.37	94.01	93.96	93.98	94.15	94.22	94.38	94.37	94.45	94.45	94.52	94.76	94.85	95.32	.....
Average per car.....tons	64.34	65.62	65.02	65.11	65.19	65.35	65.45	65.23	65.62	65.69	65.80	65.91	66.05	66.15	66.52	.....

○ Revised. 1 Annual total includes revisions not distributed by months. 2 Preliminary estimate of production. 3 Beginning 1969, data exclude vehicles on runners and skis. 4 Includes delayed registrations for several States. 5 Omits data for one State. 6 Omits data for three States. 7 Omits data for two States. 8 Beginning May 1969, data (compiled jointly by the American Railway Car Institute and the Association of American Railroads) refer to new cars for all domestic users. Not covered

are rebuilt cars and cars for export; also, cancellations are not reflected. 9 Total includes backlog for nonrelated products and services and basic research. 10 Data include military-type planes shipped to foreign governments. 11 Courtesy of R. L. Polk & Co.; republication prohibited. 12 Excludes railroad-owned private refrigerator cars and private line cars.

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