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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,

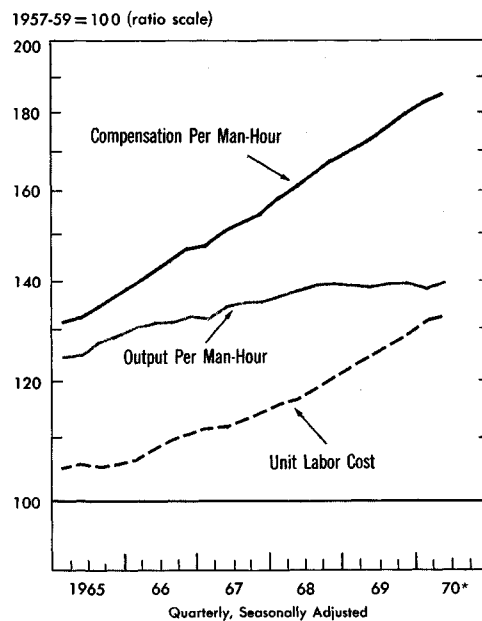
accounting for more than half of the total drop from the peak reached last year.

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

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



*2d quarter preliminary.

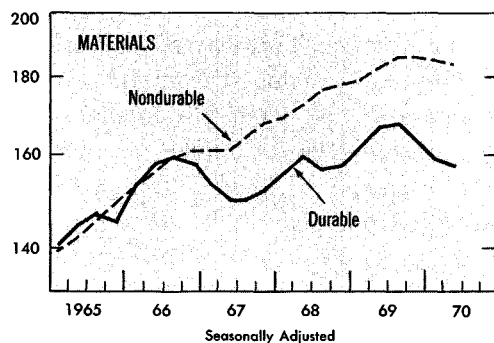
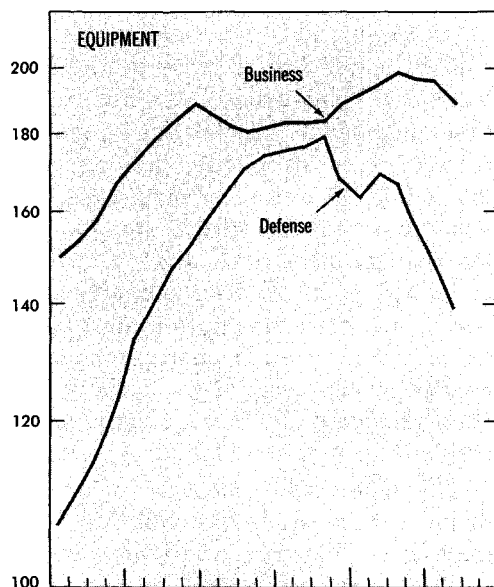
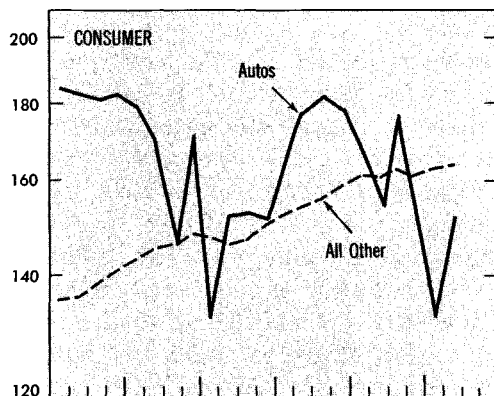
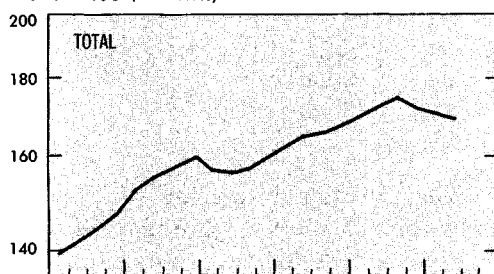
Data: BLS

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70-8-1

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

CHART 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 \$77¼ 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 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-

urance 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

(Continued on page 44)

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.....	-	-	8.2	-8.2	-	-
Other.....	.9	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.

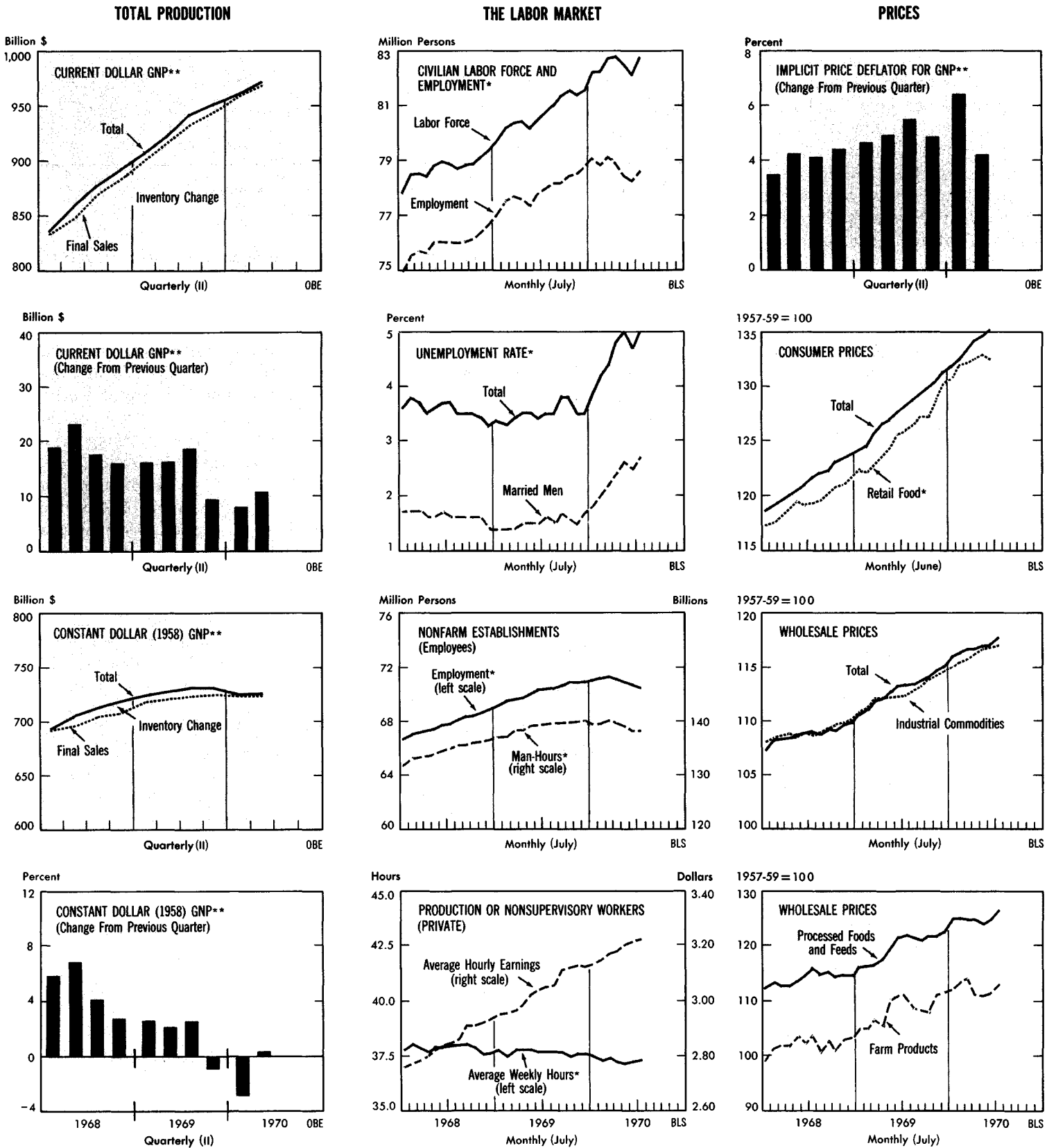
ERRATA

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

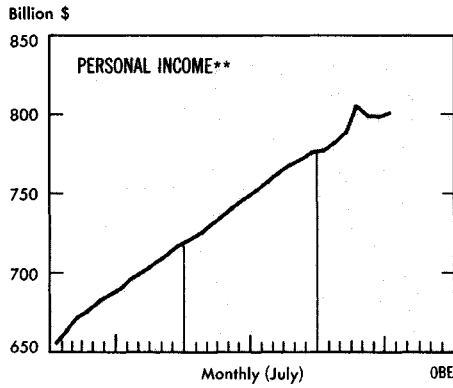
- Second quarter increase in GNP now estimated at \$11 1/2 billion
- In July: Employment in nonfarm establishments down further, unemployment rate back up to 5 percent
- Industrial prices moderately higher, but total wholesale index up sharply



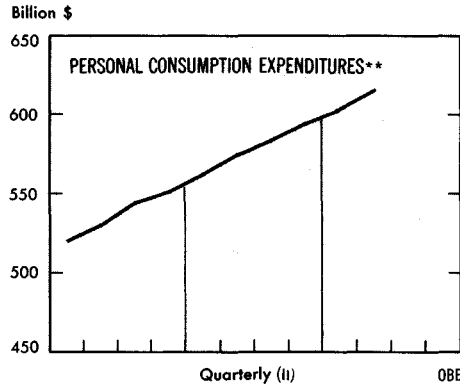
* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
 U.S. Department of Commerce, Office of Business Economics

- 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

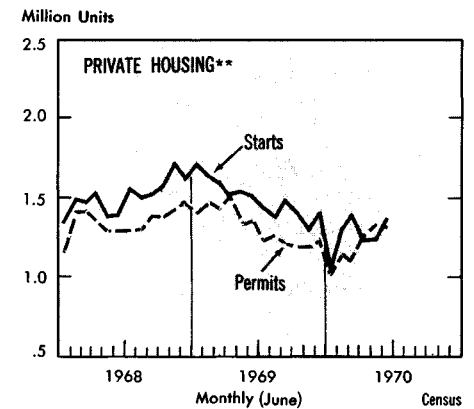
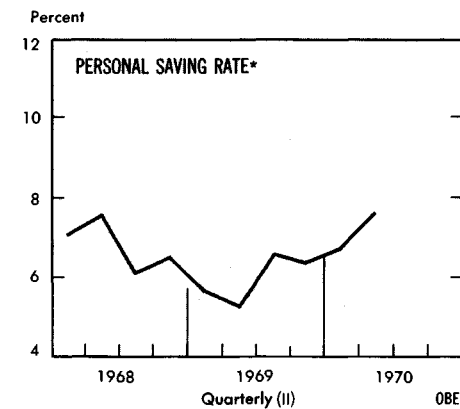
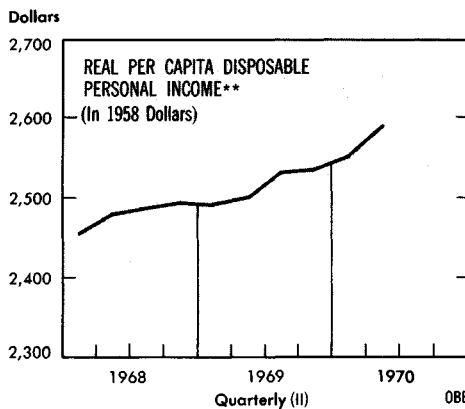
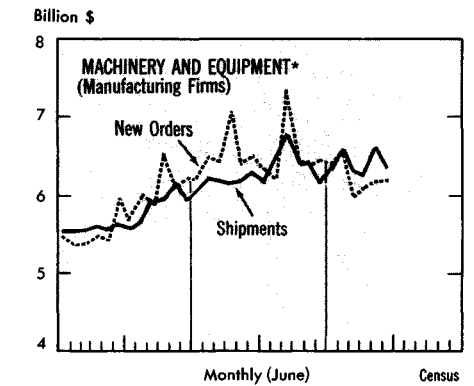
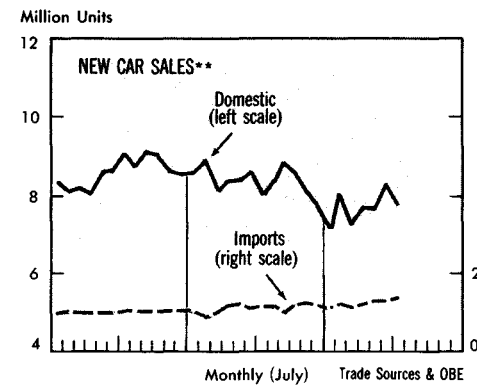
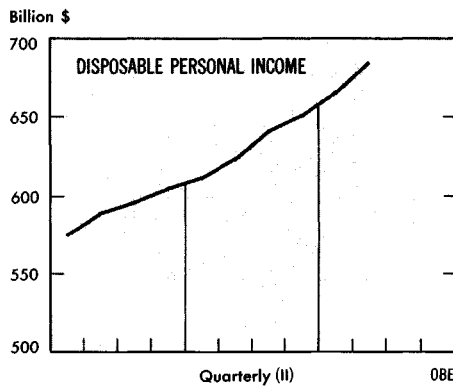
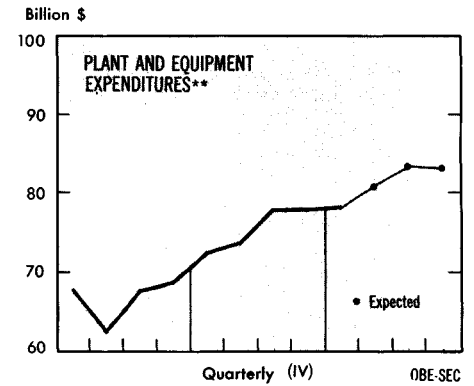
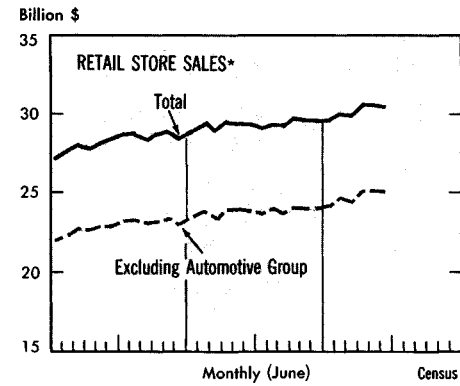
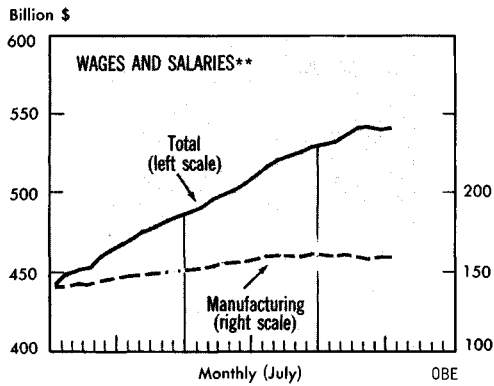
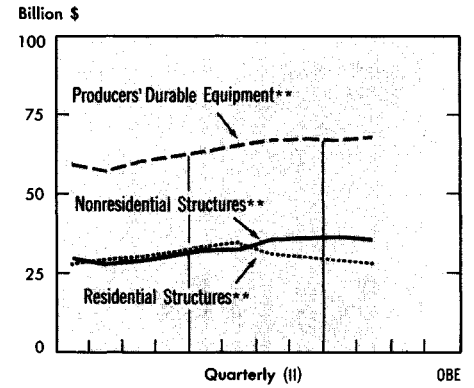
INCOME OF PERSONS



CONSUMPTION AND SAVING

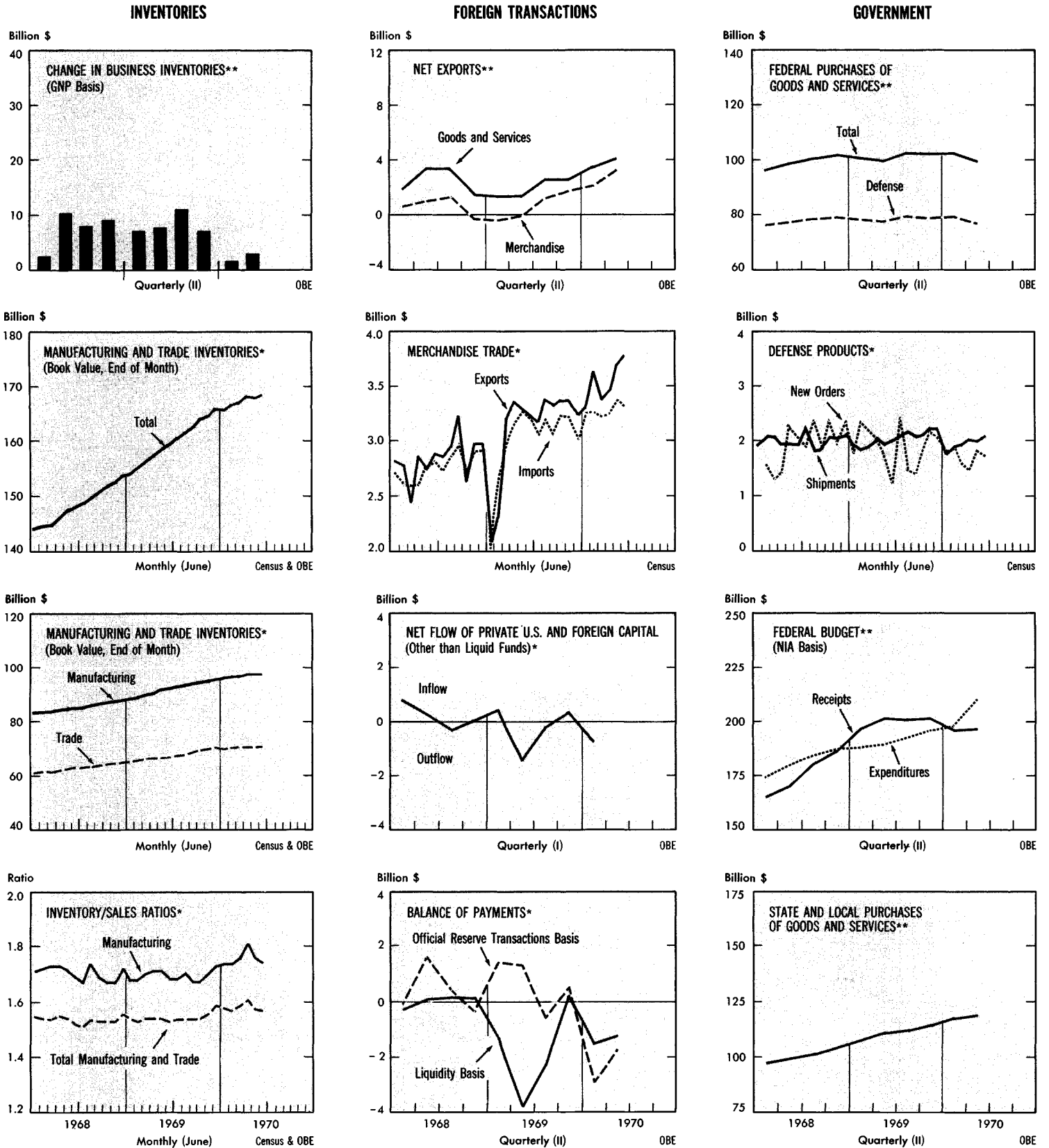


FIXED INVESTMENT



* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates

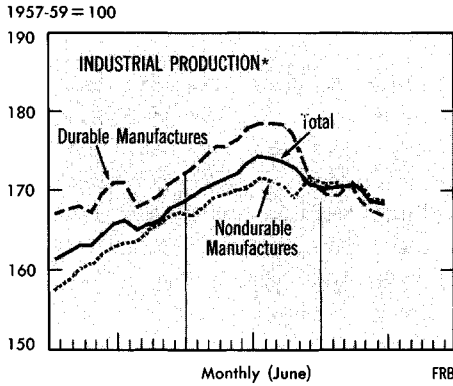
- Manufacturing inventories down in June, trade inventories up
- In the second quarter: Balance of payments deficit somewhat smaller on both liquidity and official bases
- Federal receipts little changed, expenditures and deficit up substantially



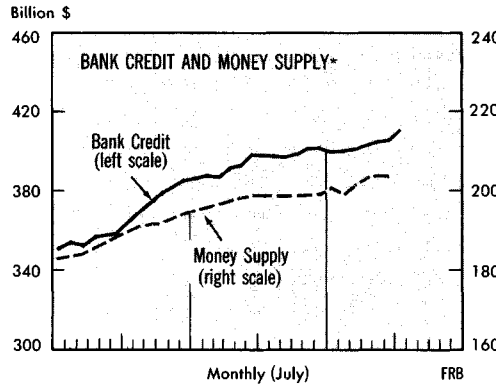
* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
U.S. Department of Commerce, Office of Business Economics

- 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

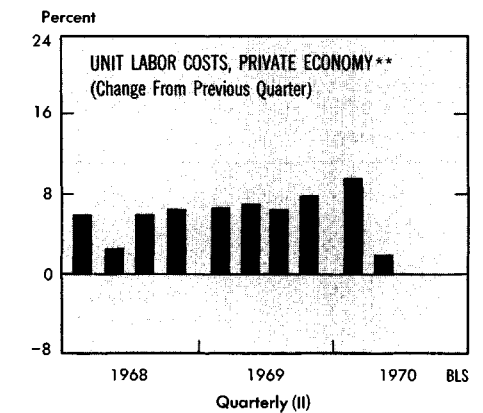
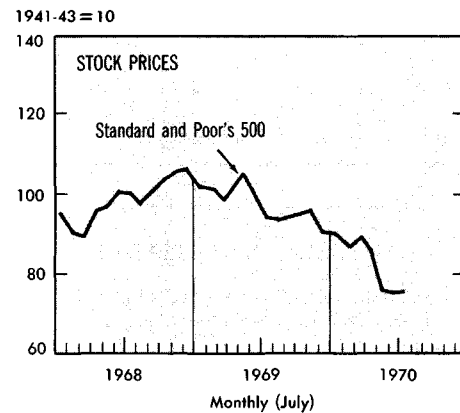
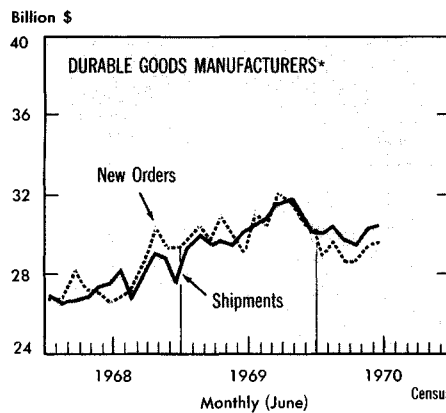
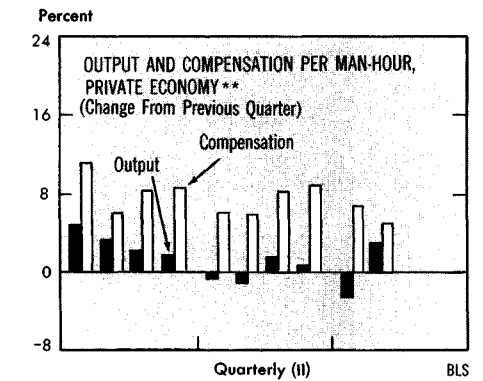
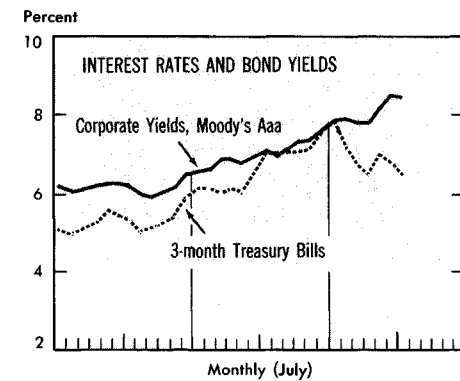
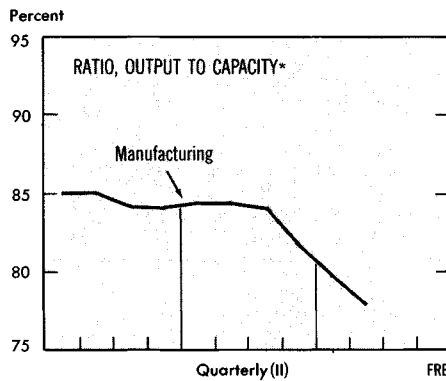
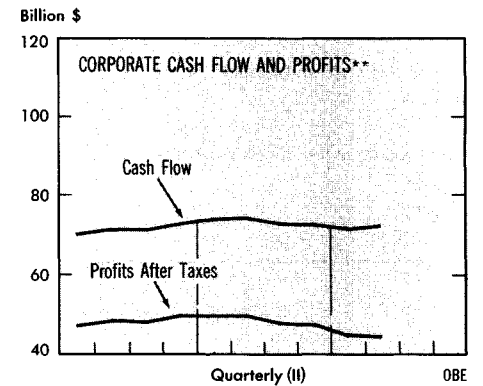
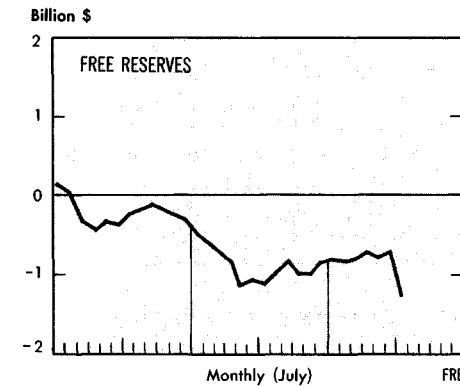
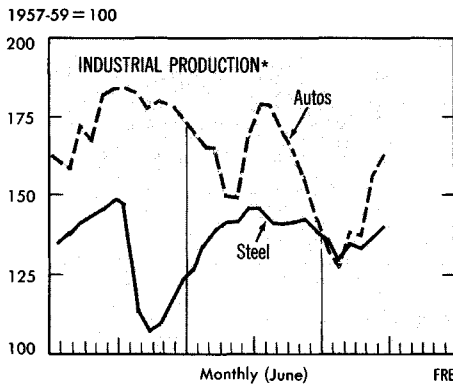
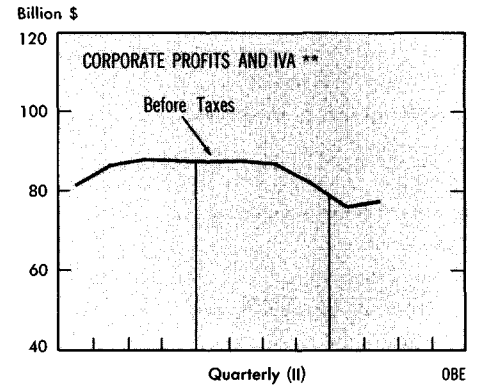
INDUSTRIAL PRODUCTION



MONEY, CREDIT, AND SECURITIES MARKETS



PROFITS AND COSTS



* 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													
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.....	36.3	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)

	1968	1969	1969	1969	1969	1969	1969	1970
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	1969	1969	1969	1969	1969	1970
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							
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)

	1968	1969	1969	1969	1969	1969	1969	1970
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	500.0	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)

	1968	1969	1969	1969	1969	1969	1969	1970
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)

	1968	1969	1969	1969	1969	1969	1969	1970
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 (I.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	566.5	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	27.5	28.5	29.3	30.0
Proprietor's income	64.1	66.8	66.0	67.7	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	2,594
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	3.0	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.....	-3.3	-3.9	-4.1	-2.0	-1.1	-1.6	1.6	2.0

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

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

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

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)

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)

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	128.5	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.

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

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)

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)

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	1969 I	1969 II	1969 III	1969 IV	1970 I	1970 II
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	-0.9	-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
State and local.....	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
State and local.....	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-

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.

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.

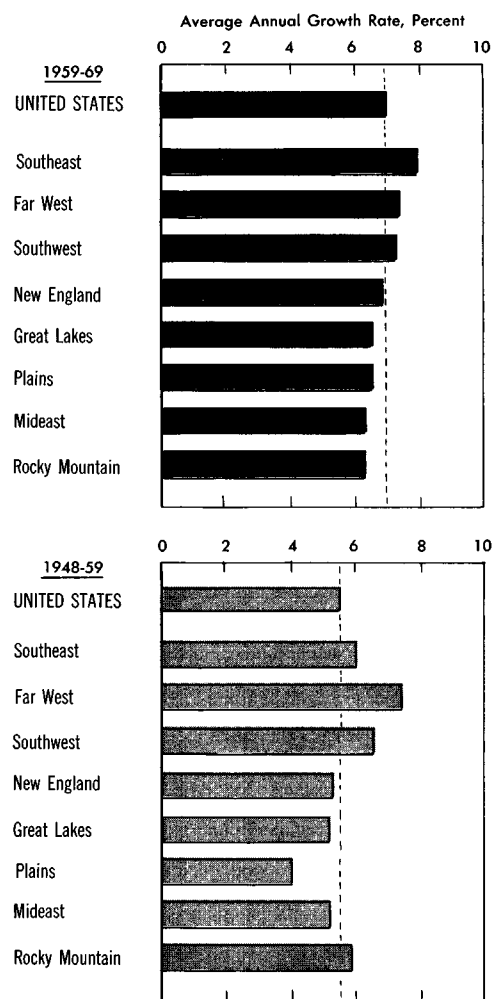
Personal income in the Nation nearly doubled during the 1960's, and income grew markedly in all areas of the country. As has been typical over the last four decades, income growth was faster in the western and southern portions of the country than in the northern and eastern regions. However, interregional 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



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

70-8-7

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.

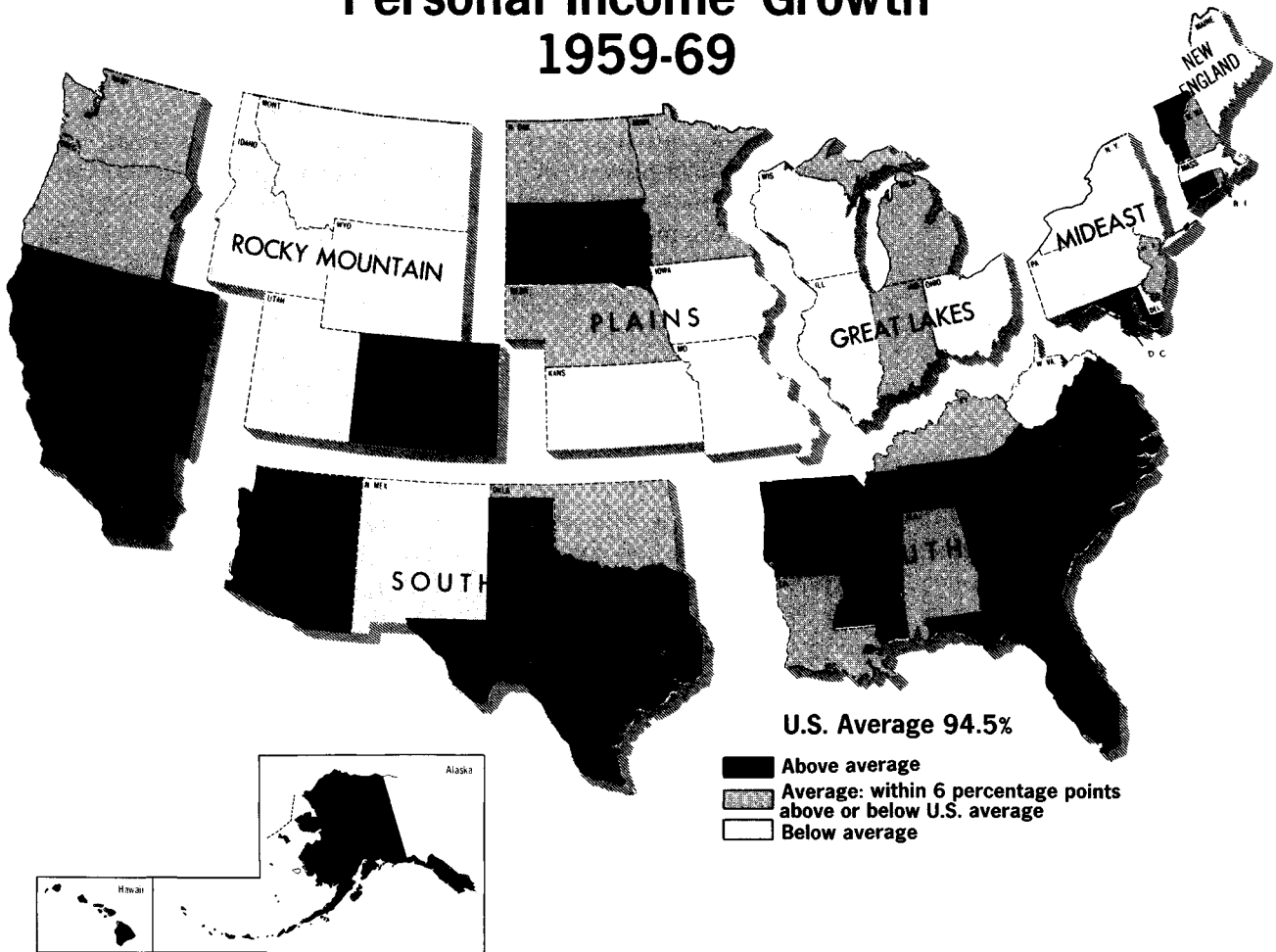
Table A.—Regional Growth Rates and Distribution of Personal Income for Selected Periods

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

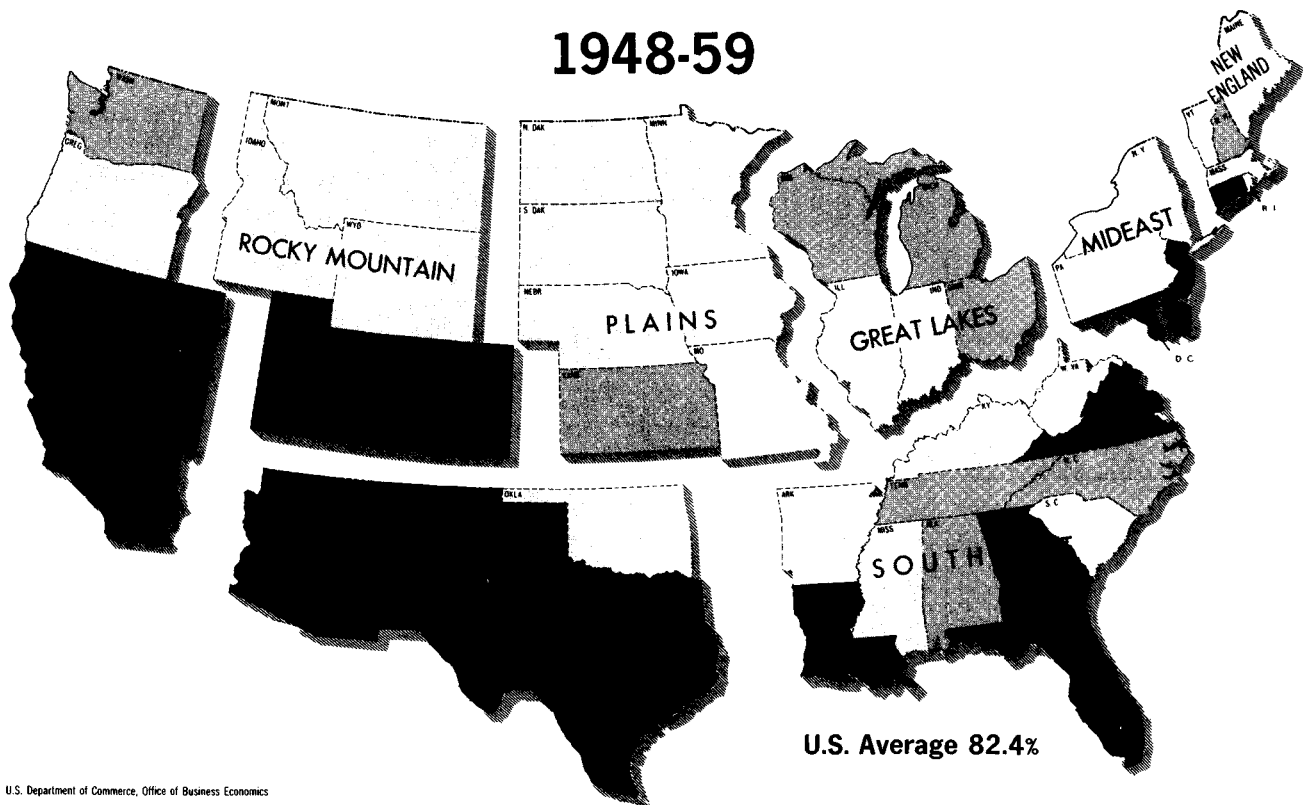
1. [(Regional growth rate divided by national growth rate) less 1.00] 100.
2. Alaska and Hawaii included in U.S. total, but not in any region.

CHART 8

Personal Income Growth 1959-69



1948-59



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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
Mideast.....	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 $\sum_j X_{ij} = X_{i0}$, and $\sum_j X_{ij} = X_{i00}$.

Let ΔX_{ij} represent the change between an initial time point, 0 ; and a terminal time point, t , that is: $(X_{ij}^t - X_{ij}^0)$.

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

$$\Delta X_{ij} = [(X_{ij}^0)(r_{00})] + [(X_{ij}^0)(r_{i0} - r_{00})] + [(X_{ij}^0)(r_{ij} - r_{i0})]$$

$$= [\text{national-growth effect}] + [\text{component-mix effect}] +$$

$$[\text{regional-share effect}]$$

$$= X_{ij}^0 r_{ij}$$

Where

$$r_{00} = (X_{00}^t - X_{00}^0) / X_{00}^0$$

$$r_{i0} = (X_{i0}^t - X_{i0}^0) / X_{i0}^0$$

$$r_{ij} = (X_{ij}^t - X_{ij}^0) / X_{ij}^0$$

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}^0 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 sub-economies. Each of these sub-economies (States and regions in this report) specializes in the production of goods

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.

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.

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: pay-rolls 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	78.7	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
<i>Coefficient of variations</i>	<i>.32</i>	<i>.23</i>		
	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
<i>Coefficient of variation</i>	<i>.16</i>	<i>.11</i>		

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	-50.0	100.0	106.7	-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.

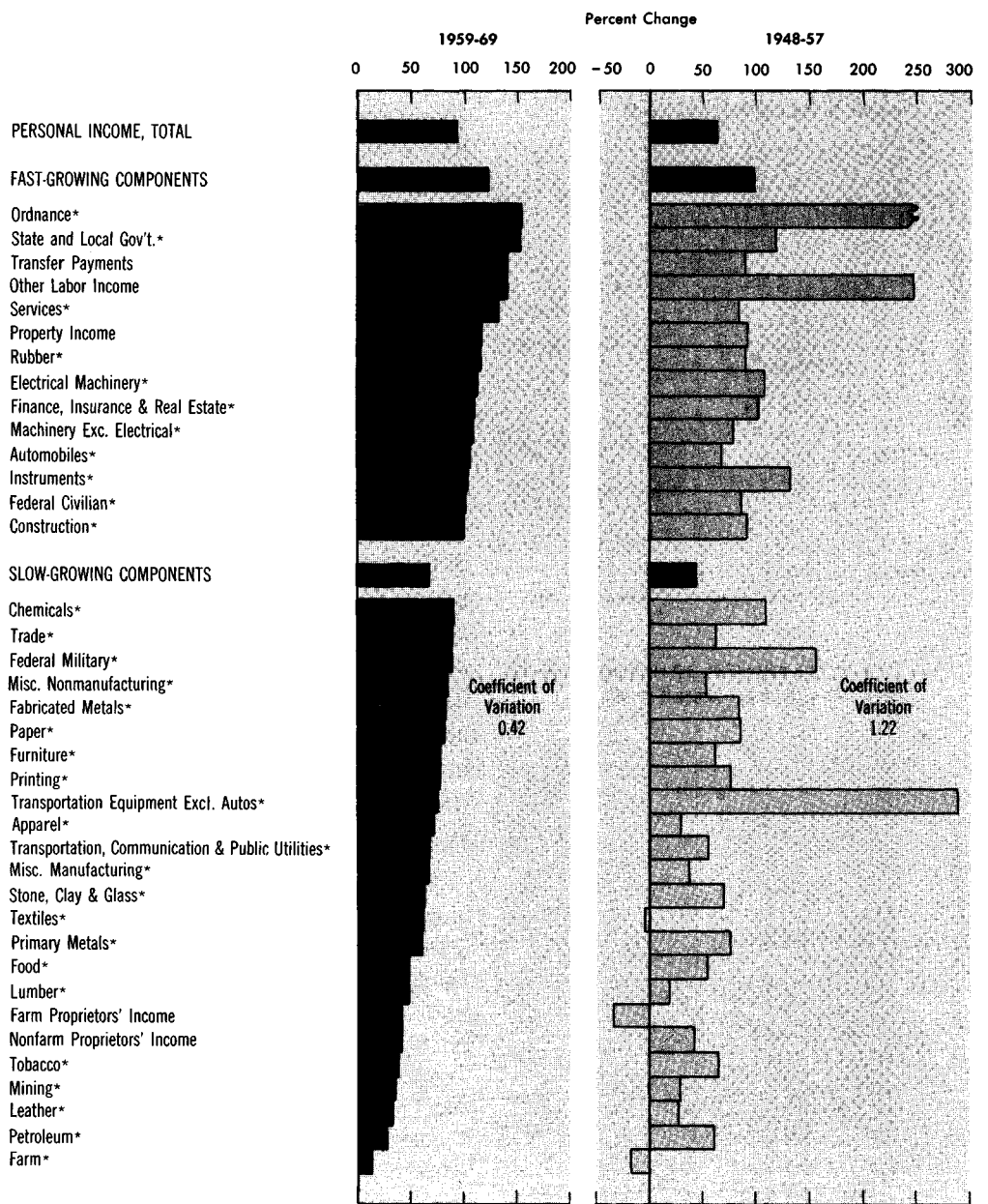
In economic analysis the regional-share effect is generally regarded as an indicator of the competitive position of a given geographic area *vis a vis* other areas. This is so, of course,

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

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.

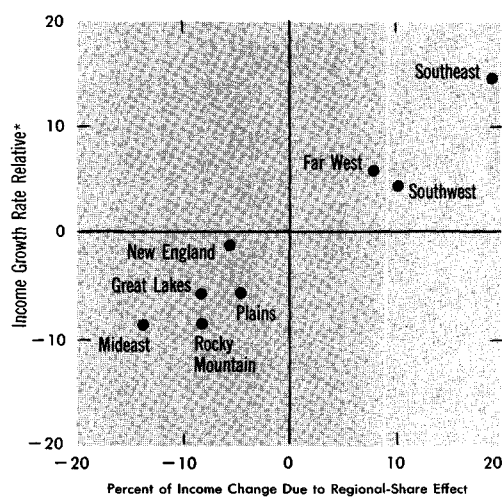
Developments in the Southeast during the 1960's are an extension of long-term trends that were operative during the 1948-57 period also. However, because the regional-share effects were less pronounced and because the component-mix effects were strongly negative—largely because of the decline in agriculture, 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.

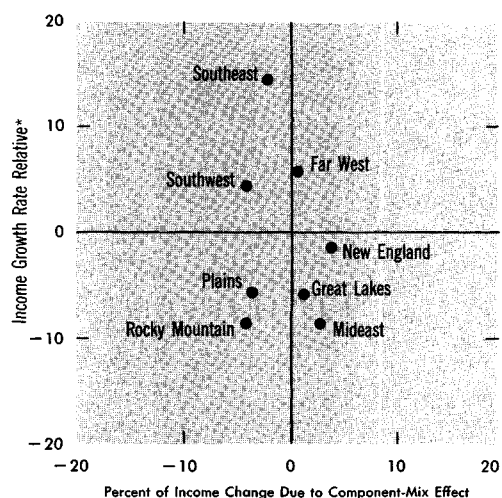
CHART 10

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

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

70-8-10

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	Compo- ment mix	Regional share	Net relative change ³	National growth	Compo- ment mix	Regional share	Net relative change	National growth	Compo- ment 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	12,965	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	5	6	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.....	33,120	-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	-9	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	Compo- ment mix	Regional share	Net relative change ³	National growth	Compo- ment mix	Regional share	Net relative change	National growth	Compo- ment 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	1	(*)	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	(*)	1,618	-80	-21	-101	69	-33	-11	-44
35	Farm proprietors' income.....	35	-10	-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

Regional Income Changes, 1959-69—Continued

of dollars]

Table with 17 columns: Region (New Hampshire, Vermont, Massachusetts, Rhode Island), National growth, Component mix, Regional share, Net relative change, and Line. Rows list annual data from 1959 to 1969 with various values and asterisks.

Table with 17 columns: Region (New Jersey, Pennsylvania, Delaware, Maryland), National growth, Component mix, Regional share, Net relative change, and Line. Rows list annual data from 1959 to 1969 with various values and asterisks.

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	Ordnance ¹	(*)	(*)	(*)	(*)	1,557	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	27	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	(*)	(*)	-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	(*)	-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	-7	-14	2	-1	-3	-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	Ordnance ¹	110	71	-72	44	44	28	-17	12	11	7	27	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	-78	117
6	Other labor income.....	725	374	-55	319	176	91	26	117	61	61	-6	54
7	Services ¹	1,710	699	-63	637	415	170	91	261	207	109	-60	49
8	Property income.....	3,954	996	-414	522	820	196	-42	154	683	162	-35	127
9	Rubber and misc. plastic products ¹	73	17	58	75	12	3	16	18	26	6	10	16
10	Electrical machinery ¹	17	59	201	75	61	11	118	129	88	16	11	27
11	Finance, insurance, and real estate ¹	813	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	-90	1
13	Automobiles ¹	170	17	113	130	19	7	-1	7	1	1	1	2
14	Instruments ¹	112	11	1	11	78	7	-21	-14	10	1	-3	-2
15	Federal civilian ¹	706	56	-40	7	124	10	-15	-5	90	7	-6	1
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	-5	-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	-51	-134	6	-6	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	1	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	-61	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	300	-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	1,086	245	-145	100	8
492	116	-223	-107	95	22	2	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	1,108	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	-7	-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	-3	7	4	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	-1	-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	-25	-64	-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				
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	9	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	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	5	2	2	(*)	(*)	(*)	17	3	12	14	12
96	10	96	106	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	5	1	12	5	13
18	2	5	6	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3	3	9	9	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	1	(*)	18
1,044	-30	-186	-216	118	-33	-39	-42	110	-17	-3	-20	272	(*)	8	-6	19
134	-4	-4	-8	12	(*)	61	60	28	(*)	-16	-17	64	-2	-29	-31	20
6	-1	-4	(*)	(*)	(*)	(*)	(*)	2	(*)	(*)	(*)	4	(*)	-2	-3	21
122	-14	-5	-19	(*)	(*)	(*)	(*)	2	(*)	(*)	(*)	16	(*)	13	11	22
53	-7	-12	-19	(*)	(*)	(*)	(*)	3	(*)	(*)	(*)	3	(*)	4	4	23
29	-5	-19	-24	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	5	(*)	3	2	24
116	-20	-1	-20	(*)	(*)	(*)	(*)	5	(*)	(*)	(*)	22	(*)	-1	-8	25
178	-35	14	-21	(*)	(*)	(*)	(*)	1	(*)	(*)	(*)	7	(*)	4	1	26
99	-23	-34	-58	(*)	(*)	(*)	(*)	0	(*)	(*)	(*)	4	(*)	-1	0	27
604	-160	-109	-289	59	-16	-21	-36	43	(*)	-4	-15	181	-48	-48	-96	28
37	-10	-26	-37	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2	(*)	7	6	29
72	-24	-28	-52	2	(*)	(*)	(*)	3	(*)	(*)	(*)	10	(*)	1	(*)	30
8	-3	-2	-4	(*)	(*)	(*)	(*)	0	(*)	(*)	(*)	(*)	(*)	0	(*)	31
64	-22	-3	-25	0	(*)	(*)	(*)	0	(*)	(*)	(*)	3	(*)	0	(*)	32
254	-121	-24	-146	12	-6	1	-15	38	-18	-2	-20	130	-62	-18	-79	33
24	-12	-1	-12	(*)	(*)	(*)	(*)	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	-2	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)	(*)	(*)	(*)	0	(*)	37
33	-21	18	(*)	12	-8	-4	-11	12	-7	2	-6	12	-8	-6	-14	38
111	-70	-31	-101	(*)	(*)	(*)	(*)	0	0	(*)	(*)	(*)	(*)	(*)	0	39
10	-7	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	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	599	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	5,280	-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	7	(*)	4	1
14	Instruments ¹	2	(*)	11	11	4	(*)	6	7	2	2	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	67	(*)	49	49	106	-21	190	169	79	-15	164	149
27	Apparel and other fab. tex. products ¹	2	-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	(*)	22	2	-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	104	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	2	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	-4	-4	16	-3	16	4	13	-3	1	-1	26
10	-2	4	1	49	-11	35	23	93	-22	80	50	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	3	-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	-13	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	-186	522	-184	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	45	-28	51	23	3	-2	13	11	39
4	-3	(*)	-3	8	-5	2	-3	2	-2	1	-2	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	243	-116	127	137	88	-25	63	4
365	191	-17	174	219	115	3	118	409	214	-66	148	226	118	14	132	5
126	65	16	81	62	32	21	54	144	74	57	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	164	-33	132	222	52	111	163	8
36	9	-8	6	6	2	23	25	(*)	(*)	(*)	3	3	1	25	26	9
17	3	14	17	4	4	15	23	1	(*)	(*)	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	5	2	(*)	4	4	1	(*)	(*)	2	6	1	5	5	13
(*)	(*)	5	(*)	(*)	(*)	7	5	113	9	(*)	14	70	6	(*)	13	14
307	24	-109	-85	82	7	-1	6	113	9	(*)	14	70	6	(*)	13	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	37	3	102	-2	34	31	21	(*)	4	3	18
434	-12	21	8	214	-6	31	31	571	-16	33	17	216	-6	36	32	19
125	-4	34	30	85	-3	28	25	111	-4	37	33	56	-2	-40	-42	20
8	-1	-2	7	7	-1	-4	-5	11	-4	5	-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	83	-11	-35	-35	32	-4	9	5	23
8	-1	12	11	19	-3	33	30	4	-1	-25	-1	23	-4	17	13	24
24	-4	5	9	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	2	19	-4	25	21	21	27
230	-61	-8	-69	113	-30	5	-25	377	-100	2	-98	129	-34	3	-32	28
4	-1	6	4	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	-21	-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	0	2	-2	0	-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	11	-7	20	13	39
4	-3	3	1	3	-2	7	5	91	-64	(*)	-84	11	-8	(*)	-7	40
36	-31	-4	-35	55	-47	-14	-61	42	-35	-11	-46	68	-58	(*)	-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	-12	-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	2	-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

Line	Income components	Idaho				Wyoming				Colorado			
		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	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	152	27	180
5	Transfer payments.....	85	44	-24	21	40	21	-11	10	256	134	-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	3	-10	-11
10	Electrical machinery ¹	0	0	(*)	(*)	0	0	(*)	(*)	12	2	29	26
11	Finance, insurance, and real estate ¹	22	3	-2	2	11	2	-3	-1	105	17	23	39
12	Machinery, except electrical ¹	3	(*)	(*)	(*)	2	2	2	2	29	5	60	65
13	Automobiles ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3	(*)	19	20
14	Instruments ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2	(*)	12	26
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	11	111	-4	145	141
21	Misc. nonmanufacturing ind. ^{1,2}	2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	4	(*)	(*)	(*)
22	Fabricated metal products ¹	3	(*)	(*)	(*)	1	0	-1	-1	15	-2	15	13
23	Paper and allied products ¹	4	(*)	(*)	(*)	0	0	0	0	4	(*)	4	3
24	Furniture and fixtures ¹	(*)	(*)	(*)	(*)	0	0	(*)	(*)	5	-6	4	3
25	Printing, publishing, and allied ind. ¹	5	-1	-1	-1	3	(*)	-1	-2	34	-1	8	3
26	Transp. equip. excl. motor vehicles ¹	2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	67	-13	-103	-116
27	Apparel and other fab. tex. products ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	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	1
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	(*)	(*)	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	31	31	25	4	(*)	(*)	11
2	(*)	1	2	10	3	53	56	43	7	80	87	1	(*)	-10	(*)	12
(*)	(*)	1	1	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	(*)	(*)	(*)	4	(*)	(*)	(*)	8	-1	(*)	(*)	1	(*)	(*)	(*)	21
3	(*)	(*)	(*)	11	(*)	(*)	(*)	32	-4	11	7	1	(*)	(*)	(*)	22
0	(*)	(*)	(*)	1	(*)	(*)	(*)	10	-1	6	5	1	(*)	(*)	(*)	23
6	(*)	(*)	(*)	3	(*)	(*)	(*)	8	-1	4	2	(*)	(*)	(*)	(*)	24
13	(*)	(*)	(*)	15	(*)	(*)	(*)	60	-10	6	-4	(*)	(*)	(*)	(*)	25
1	(*)	(*)	(*)	42	(*)	(*)	(*)	95	-19	-10	-115	(*)	(*)	(*)	(*)	26
100	-27	-29	-56	135	-36	8	-28	582	-155	-100	-255	101	-27	-39	-65	28
1	(*)	(*)	(*)	1	(*)	(*)	(*)	11	-3	3	(*)	1	(*)	-1	-1	29
7	(*)	(*)	(*)	8	(*)	(*)	(*)	45	-15	10	(*)	4	(*)	(*)	(*)	30
(*)	(*)	(*)	(*)	0	(*)	(*)	(*)	0	(*)	(*)	(*)	0	(*)	(*)	(*)	31
1	(*)	(*)	(*)	22	(*)	(*)	(*)	118	-40	-5	-45	16	-5	7	2	32
14	(*)	(*)	(*)	30	(*)	(*)	(*)	180	-85	35	-51	18	-9	-1	-10	33
8	(*)	(*)	(*)	16	(*)	(*)	(*)	107	-51	24	-27	32	-15	11	-4	34
93	-51	-6	-57	111	-60	-3	-64	501	-57	-24	-297	132	-72	-1	-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	38
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	9	-6	18	12	(*)	(*)	(*)	(*)	39
4	-3	1	-2	(*)	(*)	(*)	(*)	39	-28	-13	-40	9	-6	-2	-8	40
19	-16	-3	-19	39	-33	24	-9	142	-121	19	-102	31	-27	1	-25	41
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	240	-30	(*)	(*)	-1	(*)	(*)	(*)	(*)	(*)	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	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	289	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	-4	31	-1	-24	-25	20
1	(*)	(*)	0	93	-8	-6	-14	12	-1	-2	-3	6	-1	-2	-3	21
13	(*)	(*)	-6	583	-68	28	-40	35	-4	2	-2	27	-3	17	14	22
1	(*)	1	1	278	-35	39	3	93	-12	1	-11	40	-5	8	2	23
3	(*)	-1	-2	185	-29	-29	-58	14	-2	-3	-5	10	-2	5	3	24
10	(*)	2	1	454	-77	44	-33	43	-7	4	-4	27	-5	-5	-9	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	-43	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	(*)	(*)	(*)	38
9	-7	-4	-11	240	-169	26	-143	10	-7	-2	-8	2	-1	1	-8	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	Ordnance 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	(*)	(*)	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	7	-53	7
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	-2,001	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	(*)	(*)	394	-336	280	-57
42	Less: Personal contributions to soc. ins.	14	20	17	37	892	1,265	39	1,304

		Alaska				Hawaii			
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	Ordnance ¹	32	20	62	83	93	50	39	98
4	State and local government ¹	22	12	-1	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	(*)	0	(*)	(*)	(*)	(*)	(*)	(*)
11	Finance, insurance, and real estate ¹	8	1	6	7	32	5	46	51
12	Machinery, except electrical ¹	(*)	(*)	(*)	(*)	1	(*)	(*)	(*)
13	Automobiles ¹	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
14	Instruments ¹	0	0	(*)	(*)	(*)	(*)	(*)	(*)
15	Federal civilian ¹	103	8	-39	-31	130	10	14	24
16	Contract construction ¹	52	3	-8	-5	72	5	83	88
17	Slow growing components	250	-46	124	78	623	-173	117	-56
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	-2
24	Furniture and fixtures ¹	6	-1	(*)	(*)	3	(*)	-2	-3
25	Printing, publishing and allied ind. ¹	(*)	(*)	(*)	(*)	9	(*)	2	(*)
26	Transp. equip. excl. motor vehicles ¹	2	(*)	1	(*)	(*)	(*)	5	5
27	Apparel and other fab. tex. products ¹	(*)	(*)	(*)	(*)	5	(*)	3	2
28	Transportation, comm. and public util. ¹	(*)	(*)	(*)	(*)	67	-18	66	48
29	Miscellaneous manufacturing ¹	28	-7	45	38	(*)	(*)	1	1
30	Stone, clay, glass products ¹	(*)	(*)	(*)	(*)	5	(*)	10	9
31	Textile mill products ¹	1	(*)	1	(*)	(*)	(*)	(*)	(*)
32	Primary metals industries ¹	(*)	(*)	(*)	(*)	(*)	(*)	1	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	(*)	(*)	(*)	(*)	3	3
39	Leather and leather products ¹	0	0	(*)	(*)	(*)	(*)	2	3
40	Petroleum refining and related ind. ¹	1	(*)	(*)	(*)	52	-45	2	-42
41	Farm ¹	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

By THE REGIONAL ECONOMICS DIVISION STAFF

State and Regional Personal Income in 1969

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

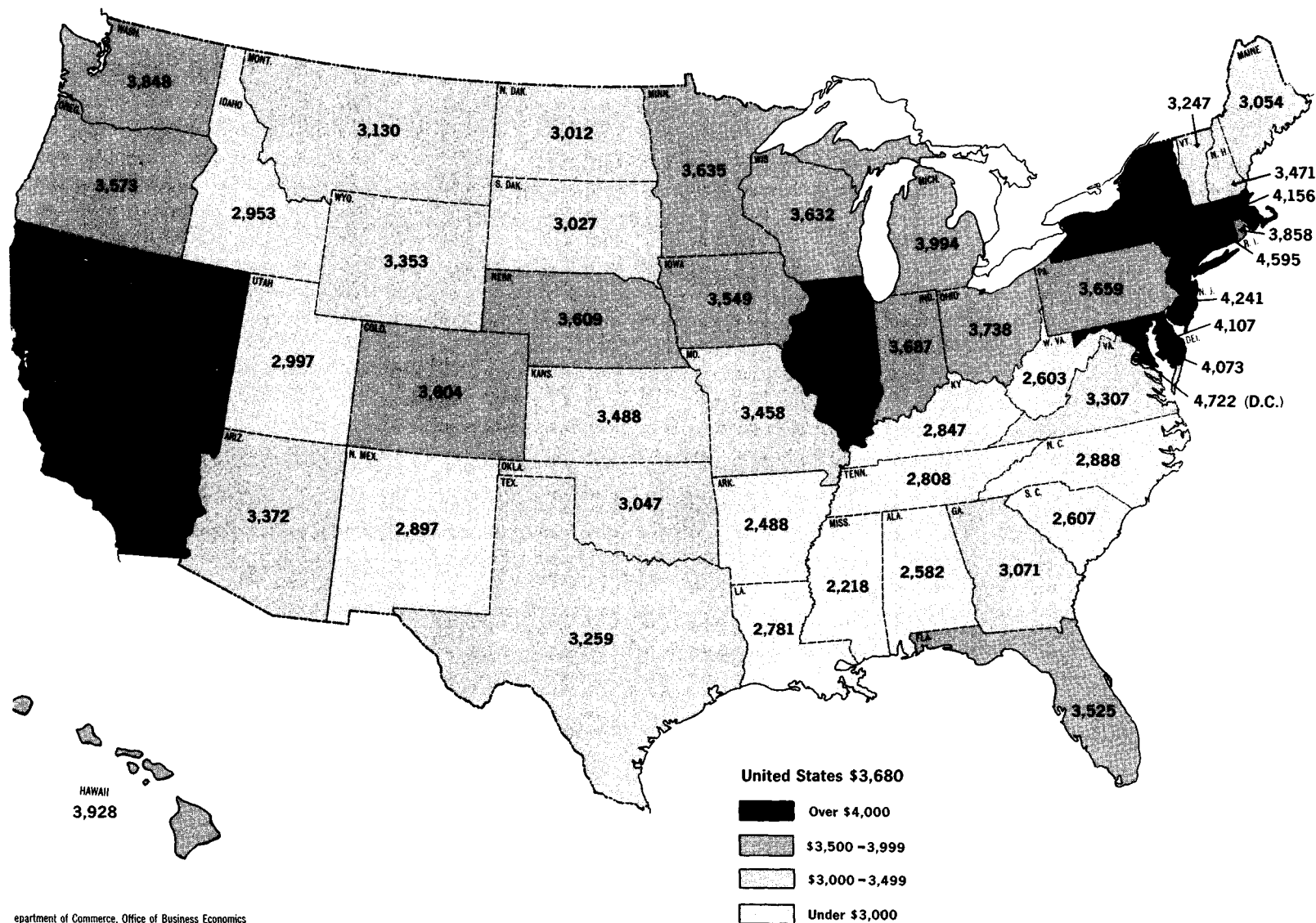
SURVEY. An extension of tables 4-62 and 70 back to 1948 is available on request.

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.

CHART 11



Per Capita Personal Income, 1969



Department of Commerce, Office of Business Economics

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

[Millions of dollars]

Table with 21 columns representing years from 1948 to 1969 and rows listing states and regions such as New England, Midwest, Plains, Southeast, Southwest, Rocky Mountain, and Far West, along with Alaska and Hawaii.

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

Alaska and Hawaii included 1960 to date but not in earlier years.
Source: U.S. Department of Commerce, Office of Business Economics.

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	2,294	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	3,362	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.....	1,598	1,316	1,485	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	1,448	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	1,258	1,282	1,232	1,326	1,491	1,610	1,549	1,584	1,594	1,634	1,724	1,696	1,778	1,892	2,025	2,174	2,313	2,433
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	2,45		

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)									
6	Crude petroleum and natural gas.....	2,173	2,301	2,508	(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	5,708	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

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	238	51	53	48
4	Mining.....	1	(1)	(1)	13	14	15	(1)	(1)	(1)	541	555	606	98	103	108
5	Coal mining.....				1	2	2				182	187	218			
6	Crude petroleum and natural gas.....	(1)	(1)	(1)	1	1	1	(1)	(1)	(1)	96	99	104	8	8	9
7	Mining and quarrying except fuel.....	(1)	(1)	(1)	11	11	13				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	78	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	5	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.....	7	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	364	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	2,580	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	405	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	2,898
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

by Major Sources, 1967-69

of dollars]

Table 9.—Massachusetts			Table 10.—Rhode Island			Table 11.—Connecticut			Table 12.—Mideast			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				7	8	9	423	414	458	83	81	84	31	33	40	295	285	317	4
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	5
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	8
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	9
2,747	2,876	3,070	464	490	531	2,928	3,041	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	10
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	3,526	3,816	4,084	11
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	3,646	3,967	4,320	12
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	13
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	14
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	15
811	860	956	106	111	123	401	441	486	8,057	8,663	9,453	3,876	4,168	4,572	1,463	1,599	1,762	1,890	2,009	2,160	16
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	1,702	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	2,553	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	561	633	6,985	7,896	8,885	3,323	3,774	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	5,403	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	31	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	820	975	335	336	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	472	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	27,369	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							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	73	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	7,206	7,749	8,433	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	870	933	1,001	12
830	919	1,009	403	447	488	1,395	1,539	1,683	312	347	381	400	437	487	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	787	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	2,593	2,983	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																		

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)	.....	.....	.....	.....	.....	.....	.....
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	52	53	60	39	42	46	409	437	475
5	Coal mining.....	(1)	(1)	(1)	(1)	(1)	.....	35	36	42	(1)	(1)	(1)	.....	.....	(1)
6	Crude petroleum and natural gas.....	(1)	(1)	(1)	6	7	.....	2	3	4	34	37	41	381	407	444
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	609
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	2,728	752	818	901	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	3,186	1,326	1,422	1,542	646	744	801	1,213	1,320	1,415
28	Federal, civilian.....	559	613	661	550	623	688	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	1,096	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	250
35	Nonfarm.....	781	844	869	1,320	1,438	1,480	521	531	548	342	367	378	672	712	732
36	Property income.....															

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	128,989	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	26	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)				5
471	503	548	1	1	(1)	16	16	19	15	16	15	(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	162	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	4,208	4,843	465	538	612	142	151	167	269	303	352	335	377	433	391	449	508	175	198	236	26
17,330	19,290	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	304	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	19,696	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	188	211	910	1,035	1,177	60	65	71	136	152	181	361	401	452	13
31	35	40	348	386	442	58	62	69	232	260	296	17	18	20	41	46	56	112	123	139	14
65	74	80	931	1,055	1,197	115	126	141	678	776	881	43	46	51	95	107	124	249	278	313	15
202	216	233	2,272	2,472	2,700	340	374	417	1,588	1,730	1,883	135	141	151	210	226	250	814	875	944	16
60	62	65	372	377	393	36	37	45	256	259	269	36	36	36	44	45	43	244	249	253	17
55	57	62	486	545	598	85	97	109	347	388	421	20	22	24	35	38	43	171	189	205	18
9	10	12	520	582	635	88	100	109	394	438	475	12	13	14	26	31	37	104	124	141	19
78	88	94	894	967	1,075	130	140	154	592	644	719	67	70	76	104	112	127	294	313	346	20
269	299	332	3,396	3,808	4,337	414	466	526	2,293	2,587	2,958	300	316	341	389	440	513	1,026	1,139	1,284	21
14	15	17	178	197	226	15	17	20	112	125	141	14	15	17	36	39	48	74	81	91	22
73	77	81	718	758	806	85	89	94	533	564	601	32	33	34							

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	333	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	87	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)	(1)	(1)	(1)	(1)	(1)	(1)	2	2	1
Crude petroleum and natural gas	1	1	2	1	(1)	(1)	1	1	1	194	208	221	(1)	(1)	(1)	23	33	50
Mining and quarrying except fuel	14	13	14	13	12	12	27	27	34	90	95	103	(1)	(1)	(1)	2	2	2
Contract construction	498	548	584	250	266	293	76	95	126	2,512	2,799	3,106	139	171	237	81	86	101
Manufacturing	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
Durable	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
Nondurable	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	(1)	(1)	(1)	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	27	29	928	968	1,007	31	32	34	8	9	9
Business and repair services	157	180	200	67	75	87	113	126	128	1,540	1,649	1,893	41	43</				

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 ⁴	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	367	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
Midwest	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	193	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		(*)	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	2,720	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	(*)	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	(*)	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.

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.

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

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	859	407	128	124	355	353	11
Connecticut.....	9,965	72	9	604	4,223	1,453	640	490	1,462	980	34
Midwest	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	.....	(³)	76	85	201	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	60
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	(³)	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	29	91	47	105	24	84	91	277	23
Hawaii.....	1,766	105	(³)	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	83.3	84.1	88.3	86.4	88.3	91.6	95.7	97.5	101.5	102.6	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
Farm.....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
Change in business inventories.....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	-.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	-.2	-.4	-.3	.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

Table with columns for years 1967, 1968, 1969 and quarterly periods I, II, III, IV for each year.

GENERAL BUSINESS INDICATORS—Quarterly Series—Continued

NATIONAL INCOME AND PRODUCT—Con.

Main table section for National Income and Product, including rows for National income, Compensation of employees, and Corporate profits before tax.

DISPOSITION OF PERSONAL INCOME†

Table section for Disposition of Personal Income, including rows for Personal income, Less: Personal tax and nontax payments.

NEW PLANT AND EQUIPMENT EXPENDITURES

Table section for New Plant and Equipment Expenditures, including rows for Unadjusted quarterly or annual totals: All industries, Manufacturing, Durable goods industries, Nondurable goods industries.

Table section for Nonmanufacturing expenditures, including rows for Mining, Railroad, Air transportation, Other transportation, Public utilities, Electric, Gas and other, Communication, Commercial and other.

Table section for Seas. adj. qtrly. totals at annual rates: All industries, Manufacturing, Durable goods industries, Nondurable goods industries, Nonmanufacturing, Mining, Railroad, Air transportation, Other transportation, Public utilities, Electric, Gas and other, Communication, Commercial and other.

Table section for U.S. BALANCE OF INTERNATIONAL PAYMENTS, including rows for Exports of goods and services, Imports of goods and services.

U.S. BALANCE OF INTERNATIONAL PAYMENTS

Table section for Quarterly Data Are Seasonally Adjusted (Credits +; debits -), including rows for Exports of goods and services, Imports of goods and services.

Table section for Exports of goods and services, including rows for Merchandise, adjusted, excl. military; Transfers under military sales contracts; Income on U.S. investments abroad; Other services.

Table section for Imports of goods and services, including rows for Merchandise, adjusted, excl. military; Military expenditures; Income on foreign investments in the U.S.; Other services; Unilateral transfers, net (excl. military grants); transfers to foreigners (-).

Revised. † Preliminary. ‡ Estimates (corrected for systematic biases) for Apr.-June 1970 and July-Sept. 1970 based on expected capital expenditures of business. Expected expenditures for the year 1970 appear on p. 18 of the June 1970 SURVEY. †Includes communication. ‡See corresponding note on p. S-1. †Includes inventory valuation adjustment. ‡Revised series; explanation of revisions and annual and quarterly data back to 1947 appear on pp. 25 ff. of the Jan. 1970 SURVEY; see also pp. 19 ff. of the Feb. 1970 SURVEY. ‡Personal outlays comprise personal consumption expenditures, interest paid by consumers, and personal transfer payments to foreigners. †Personal saving is excess of disposable income over personal outlays. ‡Data for individual durable and nondurable goods industries components appear in the Mar., June, Sept., and Dec. issues of the SURVEY. †More complete details are given in the quarterly reviews in the Mar., June, Sept., and Dec. issues of the SURVEY. ‡Includes the retroactive pay increase for Federal personnel.

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.																
Quarterly Data Are Seasonally Adjusted																
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	-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	Ⓟ 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	Ⓟ 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	Ⓟ 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	Ⓟ 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	Ⓟ 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	Ⓟ -60		
Allocations of special drawing rights (SDR)..... do.														Ⓟ 217		
Errors and omissions, net..... do.	-1,088	-514	-2,924	-63	-25	-329	-528	335	8	-1,196	-922	-927	121	Ⓟ -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	-1,550	Ⓟ 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	-1,767	Ⓟ 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	-2,870	Ⓟ 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	-3,087	Ⓟ 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	Ⓟ 799.7	Ⓟ 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	Ⓟ 540.5	Ⓟ 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	202.2	202.0	203.9	200.9	Ⓟ 201.3	Ⓟ 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	Ⓟ 159.2	Ⓟ 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	Ⓟ 127.2	Ⓟ 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	Ⓟ 95.5	Ⓟ 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	Ⓟ 116.9	Ⓟ 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	Ⓟ 30.0	Ⓟ 30.3	30.6
Proprietors' income..... do.																
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	Ⓟ 51.3	Ⓟ 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	Ⓟ 16.5	Ⓟ 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	Ⓟ 22.6	Ⓟ 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	Ⓟ 25.3	Ⓟ 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	Ⓟ 64.5	Ⓟ 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	Ⓟ 76.6	Ⓟ 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	26.9	27.3	27.3	27.5	27.7	27.7	Ⓟ 27.6	Ⓟ 27.7	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	Ⓟ 777.0	Ⓟ 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	Ⓟ 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	Ⓟ 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	Ⓟ 2,286
Dairy products..... do.	5,955	6,172	526	513	501	497	515	495	525	537	604	547	558	585	543	Ⓟ 530
Meat animals..... do.	15,363	17,521	1,446	1,380	1,449	1,650	1,997	1,498	1,422	1,526	1,429	1,635	1,598	1,455	1,437	Ⓟ 1,365
Poultry and eggs..... do.	3,828	4,423	327	389	382	402	433	423	441	422	351	372	327	323	315	Ⓟ 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	Ⓟ 142
Crops..... do.	135	136	91	124	127	169	226	230	184	142	87	80	75	75	99	Ⓟ 134
Livestock and products..... do.	138	154	151	149	152	166	186	158	156	163	150	167	163	156	160	Ⓟ 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	Ⓟ 122
Crops..... do.	129	129	81	125	122	157	220	227	187	148	80	68	59	59	88	Ⓟ 126
Livestock and products..... do.	124	124	120	118	121	133	149	124	119	122	111	125	127	126	123	Ⓟ 119
INDUSTRIAL PRODUCTION §																
Federal Reserve Index of Quantity Output																
Unadj., total index (incl. utilities) §... 1957-59=100.....	165.5	Ⓟ 172.8	176.7	167.7	174.6	179.2	177.8	173.6	169.6	168.2	171.5	172.1	170.6	Ⓟ 169.4	Ⓟ 171.6	163.1
By industry groupings:																
Manufacturing, total..... do.	166.9	Ⓟ 173.9	178.5	167.3	174.3	180.0	179.5	175.0	169.6	167.5	171.3	172.2	Ⓟ 171.0	Ⓟ 169.3	Ⓟ 171.3	160.6
Durable manufactures..... do.	169.8	Ⓟ 176.5	182.2	169.7	173.6	181.5	181.5	175.4	172.6	169.1	170.7	173.5	Ⓟ 170.5	Ⓟ 169.4	Ⓟ 171.6	159.3
Nondurable manufactures..... do.	163.3	Ⓟ 170.6	173.9	164.3	175.0	178.1	176.9	174.5	165.9	165.6	172.0	170.6	Ⓟ 171.7	Ⓟ 169.2	Ⓟ 171.0	162.3
Mining..... do.	126.6	Ⓟ 130.2	134.6	127.9	132.3	132.9	132.7	132.9	133.1	130.1	134.1	134.0	Ⓟ 135.0	Ⓟ 137.8	Ⓟ 136.9	130.5
Utilities..... do.	202.5	Ⓟ 221.2														
By market groupings:																
Final products, total..... do.	165.1	Ⓟ 170.8	174.0	166.4	173.4	179.2	176.5	170.0	166.2	167.1	170.5	169.9	Ⓟ 166.9	Ⓟ 166.0	Ⓟ 168.5	161.9
Consumer goods..... do.	156.9	Ⓟ 162.5	165.5	156.5	166.3	172.6	169.4	162.6	156.6	159.0	163.0	161.8	Ⓟ 160.6	Ⓟ 160.6	Ⓟ 163.5	156.9
Automotive and home goods..... do.	175.0	Ⓟ 179.5	191.1	155.7	160.4	186.9	192.1	175.9	167.4	165.1	171.5	176.3	Ⓟ 175.5	Ⓟ 176.0	Ⓟ 180.3	150
Apparel and staples..... do.	151.2	Ⓟ 157.1	157.3	156.8	168.2	168.0	162.2	158.4	153.1	157.1	160.3	157.2	Ⓟ 155.9	Ⓟ 155.6		
Equipment, including defense..... do.	182.6	Ⓟ 188.6	192.4	187.7	188.5	193.4	191.8	186.0	187.0	184.3	186.5	187.3	Ⓟ 180.3	Ⓟ 177.7	Ⓟ 179.4	172.5
Materials..... do.	165.8	Ⓟ 174.6	179.2	168.8	175.6	179.2	178.9	176.9	172.6	169.5	172.5	174.0	Ⓟ 174.3	Ⓟ 172.5	Ⓟ 173.6	164.3
Durable goods materials..... do.	157.8	Ⓟ 165.5	171.6	160.5	166.2	170.2	169.7	166.3	161.8	156.8	158.4	161.3	Ⓟ 160.4	Ⓟ 159.4	Ⓟ 162.3	152
Nondurable materials..... do.	174.1	Ⓟ 183.9	187.0	177.3	185.3	188.5	188.4	187.8	183.7	182.5	186.9	187.1	Ⓟ 188.5	Ⓟ 186.0	Ⓟ 185.2	177

Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS	1968	1969 ^p	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^p
GENERAL BUSINESS INDICATORS—Continued																
INDUSTRIAL PRODUCTION^o—Continued																
<i>Federal Reserve Index of Quantity Output—Con.</i>																
Seas. adj., total index (incl. utilities) ^o 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 ^o 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 ^o 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	* 163.0	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	-----	-----
Food 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	215.6	222.2	222.6	225.2	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	225.9	234.2	234.4	234.1	238.5	238.3	240.5	243.1	242.1	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 ^o 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	184.2	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 ^o 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	* 140.9	140.5	-----
Beverages and tobacco..... do.....	144.5	146.8	140.4	147.8	152.3	152.6	148.9	145.0	149.6	151.7	154.6	146.1	150.1	142.2	-----	-----
Drugs, soap, and toiletries..... do.....	193.4	209.0	206.1	211.9	207.2	208.6	210.4	213.2	217.0	217.6	217.9	216.5	218.6	* 219.4	215.0	-----
Newspapers, magazines, books..... do.....	143.3	147.1	146.3	147.5	147.6	149.8	147.1	148.9	149.7	147.7	147.6	146.1	146.0	* 146.9	147.3	-----
Consumer fuel and lighting..... do.....	183.4	199.6	192.7	201.6	201.1	198.6	203.9	206.0	206.0	210.0	210.3	207.2	212.6	212.3	-----	-----
Equipment, including defense ^o do.....	182.6	188.6	190.4	190.8												

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

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	30,888	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	45,403	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	2.19	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.....	.50	.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	.47	.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	3,865	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	2,167	2,085	2,118	2,139	2,193	-----
Rubber and plastics products.....do.....	14,265	16,552	1,485	1,266	1,311	1,423	1,594	1,405	1,317	1,390	1,571	1,618	1,519	1,519	1,612	-----
Shipments (seas. adj.), total.....do.....			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	-----
By industry group:																
Durable goods industries, total ♀.....do.....			30,136	30,6												

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

Table with columns for years: 1968, 1969, 1969 (Annual), 1969 (June, July, Aug., Sept., Oct., Nov., Dec.), 1970 (Jan., Feb., Mar., Apr., May, June, July)

GENERAL BUSINESS INDICATORS—Continued

Main data table containing 'MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued'. It is organized into sections: Shipments (seas. adj.)—Continued, Inventories, end of year or month, and New orders, net (not seas. adj.), total. Each section is further divided by industry group, stage of fabrication, and market category.

* Revised. † Based on data not seasonally adjusted. ‡ Advance estimate; total mtrs. non-durable goods industries are zero. § For these industries (food and kindred products, tobacco products, apparel and related products, petroleum and coal products, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders.

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	8,666	8,314	* 8,388	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	1,464	1,415	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. \$																
Durable goods industries, total.....do	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	
Nondur. goods ind. with unfilled ordersⓂ.....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	
Unfilled orders, end of year or month (seasonally adjusted), total.....mil. \$	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	
By industry group:																
Durable goods industries, total Ⓜ.....do	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	
Primary metals.....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	
Blast furnaces, steel mills.....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	
Fabricated metal products.....do	3,100	3,921	3,538	3,810	4,004	4,267	4,415	4,267	3,921	3,526	3,226	3,133	3,523	* 3,522	3,464	
Machinery, except electrical.....do	10,114	10,854	10,966	10,175	10,231	10,436	10,588	10,684	10,854	10,569	10,440	10,414	10,324	* 10,520	10,702	
Electrical machinery.....do	14,790	17,243	16,314	16,487	16,494	16,875	16,938	16,926	17,243	17,099	17,010	16,692	16,701	* 16,544	16,259	
Transportation equipment.....do	13,210	13,512	13,127	13,276	13,120	12,935	13,133	13,013	13,512	13,006	13,674	13,647	13,589	* 13,555	13,339	
Aircraft, missiles, and parts.....do	33,670	31,605	33,484	33,121	32,658	32,297	31,089	32,200	31,605	31,192	31,064	30,595	29,508	* 28,843	* 28,527	
Nondur. goods ind. with unfilled ordersⓂ.....do	26,858	24,212	26,035	25,771	25,475	24,957	24,535	24,615	24,212	23,802	23,802	23,420	22,454	* 22,212	21,789	
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	20,433	20,389	20,000	19,472	* 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 INCORPORATIONS [Ⓞ]																
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 FAILURES [Ⓞ]																
Failures, total.....number																
Commercial service.....do	9,636	9,154	792	689	702	726	815	759	748	734	817	921	992	891	912	
Construction.....do	1,106	1,159	109	113	86	90	90	115	87	84	94	113	137	109	143	
Manufacturing and mining.....do	1,670	1,590	148	131	126	124	145	134	105	114	155	153	174	164	132	
Retail trade.....do	1,513	1,493	126	113	108	110	136	131	146	140	164	180	167	145	157	
Wholesale trade.....do	4,366	4,070	324	283	303	338	350	313	351	342	335	394	419	388	396	
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	10,293	10,173	21,151	13,033	6,968	20,835	36,504	13,258	17,978	19,306	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</		

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																
<i>(U.S. Department of Labor Indexes)</i>																
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	127.2	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	129.4	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	128.8	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	113.2	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	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																
<i>(U.S. Department of Labor Indexes)</i>																
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	105.6	104.5	105.2	103.6	103.6	105.4	106.8	105.6	106.2	106.6	108.4	107.5	105.4	106.2	107.6
13 Raw industrials..... 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	116.7	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	113.8	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	-----
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	-----
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	-----
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	-----
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	120.4	-----
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	123.7	124.6	124.6	125.8	-----
Dairy products..... do.....	127.7	131.9	133.0	133.0	133.0	133.4	130.7	131.2	133.9	133.9	134.1	133.1	135.1	135.4	135.7	-----
Fruits and vegetables, processed..... do.....	114.2	115.7	115.6	116.6	116.8	116.6	116.0	116.3	116.4	116.9	117.3	116.5	117.5	118.1	118.5	-----
Meats, poultry, and fish..... do.....	108.3	119.5	126.5	127.5	124.5	122.9	120.2	120.5	121.9	125.8	124.9	127.1	124.9	122.5	123.7	126.3
Industrial commodities..... do.....	109.0	112.7	112.2	112.4	112.8	113.2	113.8	114.2	114.6	115.1	115.5	115.8	116.2	116.6	116.7	116.9
Chemicals and allied products..... do.....																

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	130.2	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	99.7	99.9	100.5	101.3	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	113.5	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	104.4	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 [♀]Dec. 1968=100.....	100.7	100.3	100.4	99.9	99.9	100.0	102.3	102.7	102.7	102.9	102.9	103.2	103.1	103.2	103.3	103.2
Motor vehicles and equip.....1957-59=100.....	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.....	80.919	80.885	80.883	80.883	80.882	80.880	80.877	80.872	80.869	80.862	80.859	80.853	80.858	80.856	80.855	80.850
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	512	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				

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. \$	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..	173	193	186	180	216	173	195	178	218	205	215	208	203	170	186	-----
Public ownership.....mil. \$	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	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	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	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	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) ○.....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 †.....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	169.8	163.8	-----	-----
Portland cement, unadjusted.....do	198.1	204.2	245.4	253.4	257.2	259.9	260.7	184.2	185.4	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	282	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. ○ 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 (BDCA). ‡ Includes data for items not shown separately. § Data include guaranteed direct loans sold. ° Corrected.

	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	5.5	4.4	5.1	4.8	
Soaps, cleansers, etc.....do.....	22.2	15.7	1.2			1.1	1.4	1.5	.9	.9	.8	1.9	1.7	1.9	1.4	
Smoking materials.....do.....	43.2	48.2	3.8	3.6	.8	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	6.1	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. \$..																
Durable goods establishments.....do..	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	
Nondurable 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	
Total.....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. \$..																
Durable goods establishments.....do..	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	
Nondurable 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	
Total.....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 §																
Automotive group.....do.....	110,245	112,779	10,207	9,496	8,948	9,364	10,055	9,107	9,799	7,810	7,874	8,918	9,535	9,833	10,330	
Passenger car, other auto. dealers.....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	
Tire, battery, accessory 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	
Total.....do.....	4,601	4,863	457	445	411	378	415	410	459	339	307	373	442	459	471	
Furniture and appliance group §																
Furniture, home furnishings stores.....do..	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	
Household appliance, TV, radio.....do..	10,227	10,439	899	859	864	855	889	891	1,046	792	752	802	826	860	891	
Lumber, building, hardware group.....do..	5,235	5,223	446	454	417	441	446	456	632	428	370	388	402	410	440	
Lumber, bldg. materials dealers.....do..	14,562	14,562	1,345	1,312	1,279	1,279	1,142	1,186	871	896	896	1,031	1,186	1,288	1,354	
Hardware stores.....do.....	10,984	11,278	1,073	1,048	1,033	1,018	1,037	879	818	672	712	828	933	988	1,051	
Total.....do.....	3,284	297	297	279	261	272	263	368	199	184	203	253	293	300	303	
Nondurable goods stores §																
Apparel group.....do.....	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	
Men's and boys' wear stores.....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	
Women's apparel, accessory stores.....do..	4,516	4,761	375	330	360	354	403	446	745	368	292	331	336	373	383	
Shoe stores.....do.....	7,429	7,606	574	561	605	626	672	666	1,025	524	483	586	588	618	603	
Total.....do.....	3,196	3,505	289	282	337	328	307	300	444	239	214	319	272	291	288	
Drug and proprietary stores.....do.....																
Eating and drinking places.....do..	11,458	11,863	951	961	992	969	986	966	1,347	1,018	950	1,022	989	1,040	1,040	
Food group.....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	
Grocery stores.....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	
Gasoline service stations.....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	
Total.....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 §																
General merchandise group without non-stores § mil. \$..	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	
Department stores.....do.....	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	
Mall order houses (dept. store mdse).....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	
Variety stores.....do.....	3,256	3,519	244	245	270	274	338	408	507	234	256	312	290	286	263	
Liquor stores.....do.....	6,152	6,548	514	506	546	492	538	590	1,088	414	409	528	509	584	550	
Total.....do.....	6,969	7,403	596	632	639	577	611	639	875	613	537	587	615	671	661	
Estimated sales (seas. adj.), total.....do.....																
Durable goods stores §	29,371	29,090	29,366	29,259	29,620	29,620	29,471	29,419	29,570	29,570	29,980	29,801	30,536	30,502	30,432	
Automotive group.....do.....	9,545	9,141	9,161	9,354	9,229	9,275	8,886	9,143	9,134	9,340	9,340	9,340	9,340	9,340	9,340	
Passenger car, other auto. dealers.....do..	5,634	5,419	5,412	5,665	5,638	5,565	5,453	5,114	5,325	5,350	5,469	5,469	5,469	5,469	5,415	
Tire, battery, accessory 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	5,029	4,909	5,003	
Total.....do.....	414	408	399	393	400	395	367	413	424	429	440	440	440	440	412	
Furniture and appliance group §																
Furniture, home furnishings stores.....do..	1,459	1,380	1,352	1,364	1,358	1,332	1,399	1,457	1,422	1,418	1,454	1,454	1,454	1,435	1,430	
Household appliance, TV, radio.....do..	895	852	841	847	825	838	855	885	892	868						

	1968	1969	1969						1970							
	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 \varnothingmil. \$			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	*2,353	2,331	
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	*6,765	6,829	
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 \varnothingmil. \$			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 \varnothing \$.....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 \varnothingdo.	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 \varnothingdo.	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	45,255	45,493	45,288	45,743	
Durable goods stores \varnothingdo.	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 \varnothingdo.	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 \varnothingdo.	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 \varnothingdo.	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 \varnothingmil. \$	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	2,359	*2,467	2,455	
Variety stores.....do.	4,821	5,232	410	401	432	390	429	477	875	326	321	415	405	*464	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 \varnothingdo.			8,551	8,693	8,718	8,578	8,822	8,739	8,902	9,038	9,078	8,952	9,160	*9,167	9,189	
Apparel group \varnothingdo.			487	505	519	514	514	515	523	487	521	477	530	*496	513	
Men's and boys' wear stores.....do.			68	67	78	80	79	93	85	82	85	73	74	*73	71	
Women's apparel, accessory stores.....do.			171	181	181	182	183	177	177	173	175	164	185	*172	193	
Shoe stores.....do.			138	140	150	150	142	147	158	125	140	127	142	*132	141	
Drug and proprietary stores.....do.			299	327	337	341	332	326	314	349	339	361	348	*347	365	
Eating and drinking places.....do.			206	202	215	226	228	216	207	215	217	214	234	*215	219	
General merchandise group with non-stores \varnothingmil. \$			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	
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	
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	
Variety stores.....do.			439	450	439	418	440	437	442	460	448	443	473	*488	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	
Tire, battery, accessory dealers.....do.			164	162	146	143	158	142	131	136	140	146	151	*149	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	*6,865	7,065	

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

	1968	1969	1969							1970						
	Annual		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
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.			74,068	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	3,584	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.....	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.....	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	3.7	3.7
Women, 20 years and over.....	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.....	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.....	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.....	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.....	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.....	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.....	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.....	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.....	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.....	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.....	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	3,451	3,426	3,351	3,326	3,311
Manufacturing.....do.	19,781	20,169	20,248	20,247	20,246	20,252	20,233	20,822	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
Ordnance and accessories.....do.	338	319	326	322	316	306	298	296	290	281	277	271	261	256	250	243
Lumber and wood products.....do.	600	609	612	608	607	606	601	603	606	605	598	593	585	582	584	565
Furniture and fixtures.....do.	472	484	486	484	484	483	483	479	478	477	472	471	468	458	452	449
Stone, clay, and glass products.....do.	636	656	656	655	655	657	658	659	659	653	657	651	644	636	628	628
Primary metal industries.....do.	1,316	1,358	1,356	1,358	1,367	1,381	1,386	1,384	1,380	1,360	1,349	1,337	1,323	1,309	1,303	1,303
Fabricated metal products.....do.	1,390	1,442	1,444	1,446	1,451	1,452	1,445	1,444	1,447	1,436	1,428	1,425	1,411	1,394	1,389	1,398
Machinery, except electrical.....do.	1,966	2,028	2,032	2,032	2,028	2,041	2,050	2,043	2,051	2,043	2,048	2,046	2,032	2,004	1,983	1,976
Electrical equip. and supplies.....do.	1,974	2,013	2,038	2,045	2,043	2,049	2,051	1,934	1,930	1,922	1,993	1,995	1,979	1,956	1,935	1,923
Transportation equipment.....do.	2,039	2,067	2,087	2,086	2,081	2,078	2,078	2,028	2,009	1,988	1,890	1,950	1,925	1,877	1,877	1,863
Instruments and related products.....do.	462	476	479	478	479	477	476	476	476	474	472	472	471	468	463	460
Miscellaneous manufacturing ind.....do.	433	440	441	441	439	438	439	436	447	440	441	437	430	426	423	418
Nondurable 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	999	997	980	971	958	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	14,968	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											

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

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	1,238	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	*412	*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	39.0	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	39.7	*39.7	39.7	
Transportation equipment.....do	42.2	41.5	41.6	42.1	41.2	41.6	41.2	41.4	41.4	40.2	40.3	40.4	40.0	40.3	*40.3	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	35.5	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 [‡] 1967-69=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	128.9	127.3	128.9	128.3	*125.7	*123.7	122.9
Miscellaneous manufacturing ind.....do	109.4	109.6	110.2	110.8	109.2	108.6	108.7	107.1	112.7	110.1	108.1	108.0	105.7	*104.0	*102.8	102.3
Nondurable goods.....do	110.8	111.6	112.2	112.1	111.8	111.4	110.7	111.4	111.8	111.9	110.8	110.4	109.8	*107.7	*107.6	108.2
Food and kindred products.....do	96.2	97.4	96.9	96.9	97.9	97.8	95.4	98.1	98.0	99.5	100.0	99.0	97.8	96.0	*96.6	95.8
Tobacco manufactures.....do	83.1	78.3	81.5	78.8	81.6	78.7	77.3	76.0	76.6	78.2	76.2	76.6	78.2	76.9	*77.7	79.0
Textile mill products.....do	107.1	106.2	107.2	107.2	105.6	105.1	104.6	104.9	105.6	104.8	102.7	102.2	103.1	*100.2	*99.2	100.4
Apparel and other textile products.....do	117.3	116.9	118.0	117.4	116.6	116.0	115.9	115.8	116.9	116.0	114.1	114.2	113.7	*111.0	*112.1	114.1
Paper and allied products.....do	117.4	120.9	121.1	121.1	120.9	121.3	121.0	120.7	121.7	121.9	120.2	120.2	119.5	*117.5	*117.1	116.0
Printing and publishing.....do	117.3	120.2	120.0	120.5	120.5	120.6	121.0	121.8	122.6	121.3	120.5	120.5	119.7			

	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.: †																
	1968	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
	Annual	Annual	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July*
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	168.76	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
Non durable 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	97.04	96.56	96.47	98.09	97.20	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	132.29	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	93.88	94.50	96.12	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	93.98	95.01	96.81	95.70	96.04	96.95	98.07	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	5.17	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	3.63	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
Non durable 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							

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
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	319	309	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	385	470	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	4,181	7,516	5,040	
EMPLOYMENT SERVICE AND UNEMPLOYMENT INSURANCE																
Nonfarm placements.....thous..	5,733	5,153	512	469	471	503	463	372	311	326	295	328	351	336		
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:ϙ																
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	2.3	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..	23	20	18	19	18	17	18	22	24	28	30	29	27	26		
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	12,993	
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.....	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
Discounts and advances.....do.....	188	183	1,049	750	1,514	928	1,690	1,531	183	1,565	1,148	684	545	1,451	420	2,192
U.S. Government securities.....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
Liabilities, total ☉.....do.....	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
Deposits, total.....do.....	23,473	24,338	22,714	23,331	24,271	23,317	25,150	24,948	24,338	25,608	25,348	24,726	25,895	25,187	23,970	25,185
Member-bank reserve balances.....do.....	21,807	22,085	20,750	21,772	22,789	21,656	23,613	23,385	22,085	23,637	23,344	22,495	23,082	23,041	21,991	23,004
Federal Reserve notes in circulation.....do.....	45,510	48,244	45,299	45,566	45,885	45,818	46,128	47,191	48,244	46,831	46,689	46,992	47,254	47,879	48,391	48,746

† Revised. ☉ Preliminary. † Data for indicated month exclude loans by Federal Intermediate Credit Banks outside the Farm Credit Adm. system. ☉ Excludes figures for the interstate trucking industry stoppage. † Revised (back to 1960) to incorporate new seasonal factors; see note "†", p. S-15, Oct. 1969 SURVEY for data through May 1968 (revisions for June and July 1968, 197 and 204). Δ See note "†", p. S-14. ⊙ Corrected.

§ Beginning Jan. 1970, data include claims filed under extended duration provisions of regular State laws.

⊙ Insured unemployment as % of average covered employment in a 12-month period.

⊙ Total SMSA's include some cities and counties not designated as SMSA's.

† Includes Boston, Philadelphia, Chicago, Detroit, San Francisco-Oakland and Los Angeles-Long Beach. ☉ 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						
	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.....	1,455	1,257	343	116	303	236	143	253	257	166	273	115	118	181	187	106
Borrowings from Federal Reserve banks....do.....	1,765	1,086	1,407	1,190	1,249	1,067	1,135	1,241	1,086	985	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	90,288	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
Demand, total \varnothingdo.....	144,249	150,897	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	105,605	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	7,942	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	2,989	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	20,801	18,995	16,127	18,188	17,613	17,070	18,951	20,801	16,239	16,995	18,952	16,407	18,960	18,802	17,072
Time, total \varnothingdo.....	112,163	96,589	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.....																
Savings.....do.....	49,149	46,490	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
Other time.....do.....	45,076	36,502	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
Loans (adjusted), total ².....do.....	161,820	175,756	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	81,491	78,667	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	7,811	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	13,148	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	33,617	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	44,177	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	59,536	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	23,853	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	19,789	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	35,683	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 ³.....bil. \$..	384.6	401.3	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 ⁴.....do.....	251.6	278.1	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	51.9	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	71.3	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	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	8.45	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	7.99	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	36,850	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	83,440	83,949	84,301	84,982	84,531	84,393	84,308	84,802	85,335	86,311	
Commercial banks.....do.....	36,952	40,305	38,916	39,248	39,532	39,793	40,006	40,047	40,305	40,144	39,990	39,956	40,245	40,515	40,979	
Sales finance companies.....do.....	18,219	19,798	18,961	19,127	19,265	19,360	19,569	19,668	19,798	19,703	19,652	19,586	19,672	19,760	19,936	
Credit unions.....do.....	10,178	11,594	10,939	11,054	11,220	11,347	11,438	11,491	11,594	11,468	11,459	11,533	11,644	11,778	12,030	
Consumer finance companies.....do.....	8,913	9,740	9,146	9,293	9,436	9,450	9,436	9,532	9,740	9,683	9,691	9,650	9,652	9,631	9,703	
Other.....do.....	3,195	3,545	3,426	3,408	3,457	3,490	3,500	3,563	3,545	3,533	3,601	3,583	3,589	3,651	3,663	
Retail outlets, total.....do.....	12,433	13,187	11,699	11,703	11,822	11,916	11,901	12,177	13,187	12,871	12,499	12,354	12,302	12,371	12,388	
Automobile dealers.....do.....	320	336	333	335	336	336	338	337	336	333	331	331	332	333	336	

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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	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	2,689	
Other consumer goods paper.....do	28,089	30,369	2,512	2,562	2,469	2,622	2,682	2,449	2,618	2,926	2,684	2,898	2,766	2,803	2,771	
All other.....do	31,982	34,358	2,912	3,061	2,807	2,829	2,842	2,960	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	2,500	2,500	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	¹² 183,060	13,895	15,533	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	2,914	-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	1,369,769	1,367,144	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	1,290,629	1,279,483	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	1,68,726	1,87,249	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	1,28,665	1,36,678	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).....mil \$.	1,34,622	1,39,918	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	2,026	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	7,307	8,330	-593	825	1,338	1,857	1,276	640	598	731	-77	296	320	320	403	
Defense Department, military.....do	77,373	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.....mil \$.	1,40,576	1,46,599	4,231	3,950	4,000	4,071	3,857	4,137	4,137	4,261	4,120	4,387	5,485	4,809	4,962	
Treasury Department.....do	14,655	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	14,721	14,247	326	319	337	294	327	267	296	291	299	325	332	285	378	
Veterans Administration.....do	6,858	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	
Transfer payments.....do	47.8	52.1	52.2			52.2			53.3			55.3			64.4	
Grants-in-aid to State and local govts.....do	18.4	20.2	19.6			20.0			21.8			23.0			25.1	
Net interest paid.....do	11.8	13.1	12.9			13.2			13.9			14.3			14.3	
Subsidies less current surplus of government enterprises.....bil \$.	4.1	4.6	4.6			4.6			4.9			5.3			5.3	
Less: Wage accruals less disbursements.....do												2.5			-2.1	
Surplus or deficit (-).....do	-6.2	9.3	13.4			8.3			6.1			-1.7			-14.3	
LIFE INSURANCE																
Institute of Life Insurance:																
Assets, total, all U.S. life insurance cos.†.....bil \$.	188.64		192.31	193.04	194.03	194.80	195.93	196.66	197.23	197.68	198.51	199.40	199.09	199.17		
Government securities*.....do	10.51		10.76	10.77	10.78	10.74	10.73	10.74	10.77	10.96	10.98	10.94	10.83	10.90</		

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	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. \$.																
Death benefits.....	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		
Matured endowments.....	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		
Disability payments.....	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		
Annuitant payments.....	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		
Surrender values.....	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		
Policy dividends.....	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		
	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	10,367	11,367	11,367	11,367	11,367	11,367	11,367
Net release from earmarks..... do.	187	755	-2	-11	17	29	25	-19	687	20	23	-2	-2	33	-1	
Exports..... thous. \$.	839,160	128,287	193	239	9,531	364	150	244	200	159	278	293	272	24,068	159	
Imports..... do.	226,262	23,905	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	8,427	4,446	6,117	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	229			109				101			65			
Paper and allied products..... do.	889	987	265			243				254			212			
Chemicals and allied products..... do.	3,525	3,591	961			894				860			873			
Petroleum refining..... do.	5,794	5,884	1,480			1,442			1,494	1,494			1,388			
Stone, clay, and glass products..... do.	769	822	263			273				179			34			
Primary nonferrous metal..... do.	1,149	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			603				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			

⊕ Revised. ⊕ Preliminary. ⊕ Estimated; excludes U.S.S.R., other Eastern European countries, China Mainland, and North Korea. ⊕ Includes silver coin data for Jan.-June 1968 not included in figures shown in the 1969 BUSINESS STATISTICS. ⊕ Monthly data beginning July and annual total figures exclude silver coin. ⊕ Includes revisions not distributed to months. † Revisions for Jan. 1968-Feb. 1969 will be shown later.

⊖ Or increase in earmarked gold (-). ⊕ Series revised to reflect the change in accounting procedures associated with Euro-dollar transactions and to reflect new benchmarks and changes in seasonal factors. † At all commercial banks. ⊕ Total SMSA's include some cities and counties not designated as SMSA's. ⊕ Includes Boston, Philadelphia, Chicago, Detroit, San Francisco-Oakland, and Los Angeles

	1968		1969		1969							1970						
	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 ϕ 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	6,079	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	288	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 ϕ 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 ϕ 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):																		
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 ϕ 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	9.92	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	4.63	4.63	4.64	4.64	4.64	4.70	4.70	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	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			
Industrial..... do	8.62	9.44	9.86	9.86	9.86	9.86	10.12	10.20	10.20	10.23	10.23	10.45	10.45	10.48	10.48	10.48		
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						

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

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

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	Annual	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	41.08	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	.....
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	80.8	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	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

^r Revised.

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	Annual	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 Exports—Continued																
Exports (mdse.), incl. reexports—Continued																
By leading countries—Continued																
North and South America—Continued																
Latin American Republics, total φ mil. \$.	4,699.1	4,869.2	431.3	433.4	431.2	409.1	464.6	433.8	446.2	406.1	421.7	480.5	502.1	461.5	483.0	-----
Argentina..... do.....	281.4	378.3	30.3	32.2	34.4	36.2	37.1	35.7	34.3	33.3	33.6	42.2	41.9	27.6	35.3	-----
Brazil..... do.....	704.6	672.0	66.9	76.0	58.1	55.6	56.7	60.6	53.9	47.1	60.6	61.5	66.9	71.0	66.0	-----
Chile..... do.....	306.7	314.6	25.2	29.6	37.4	30.8	25.9	25.2	34.5	22.6	25.2	23.9	26.0	20.5	27.7	-----
Colombia..... do.....	319.2	302.8	30.7	22.4	27.1	25.6	30.6	28.5	28.7	28.4	28.4	29.8	43.9	37.0	31.6	-----
Mexico..... do.....	1,378.0	1,449.5	117.2	119.0	116.0	114.6	145.9	135.8	137.6	120.8	125.2	141.2	155.2	142.7	150.4	-----
Venezuela..... do.....	655.0	708.2	66.5	61.7	65.6	57.7	64.9	59.8	54.7	61.2	55.4	66.1	59.6	60.4	63.8	-----
Exports of U.S. merchandise, total..... do.....	34,199.0	37,461.6	3,120.8	3,000.2	3,160.2	3,140.5	3,574.3	3,417.4	3,370.0	3,255.9	3,379.6	3,584.5	3,593.5	3,881.1	3,733.3	-----
Excluding military grant-aid..... do.....	33,626.0	36,787.7	3,050.7	2,952.6	3,098.4	3,067.2	3,518.7	3,361.4	3,195.5	3,095.5	3,335.7	3,542.2	3,544.0	3,847.5	3,671.5	-----
Agricultural products, total..... do.....	6,227.2	5,936.3	512.3	499.8	438.4	471.5	646.0	657.8	590.8	515.3	550.5	563.1	553.8	567.1	593.4	-----
Nonagricultural products, total..... do.....	27,971.9	31,508.0	2,610.2	2,503.4	2,735.9	2,671.3	2,935.5	2,761.7	2,779.3	2,740.6	2,829.1	3,021.3	3,039.7	3,314.0	3,129.9	-----
By commodity groups and principal commodities:																
Food and live animals φ mil. \$.	3,889.6	3,732.7	354.8	333.0	312.9	318.0	372.0	373.5	334.5	324.1	350.5	314.1	319.7	325.0	336.7	-----
Meats and preparations (incl. poultry)..... do.....	161.6	199.4	15.8	15.9	13.8	16.4	23.9	18.5	14.9	11.5	11.6	12.4	14.1	14.4	14.3	-----
Grains and cereal preparations..... do.....	2,463.1	2,127.2	209.5	211.1	181.9	182.8	195.0	222.8	195.6	191.3	209.7	183.5	179.5	190.9	195.9	-----
Beverages and tobacco..... do.....	702.5	713.4	69.7	53.2	57.5	73.6	80.1	88.7	92.8	31.9	39.9	56.7	47.7	56.3	59.1	-----
Crude materials, inedible, exc. fuels φ do.....	3,540.7	3,569.5	262.9	301.0	292.4	274.4	392.6	366.8	337.7	346.4	360.2	367.8	396.8	387.4	409.9	-----
Cotton, raw, excl. linters and waste..... do.....	459.4	280.2	23.2	36.1	17.3	16.2	19.1	14.4	20.2	46.0	39.0	29.3	37.0	38.2	33.9	-----
Soybeans, exc. canned or prepared..... do.....	810.3	822.3	37.0	49.2	38.2	35.3	137.1	137.2	101.9	73.9	84.3	103.8	110.4	97.9	104.7	-----
Metal ores, concentrates, and scrap..... do.....	586.2	711.5	64.2	71.7	86.3	75.3	71.5	62.7	55.3	68.0	64.6	64.6	72.8	88.6	77.6	-----
Mineral fuels, lubricants, etc. φ do.....	1,049.9	1,130.7	107.1	91.3	105.4	98.4	103.6	106.7	102.0	88.3	98.6	120.5	129.5	134.9	142.6	-----
Coal and related products..... do.....	623.9	636.3	62.3	56.1	55.7	54.0	61.7	65.5	60.2	50.3	59.1	71.4	83.2	90.2	98.7	-----
Petroleum and products..... do.....	454.4	433.9	41.3	34.0	44.0	39.7	37.4	36.6	37.1	32.9	37.0	43.2	39.8	41.6	38.6	-----
Animal and vegetable oils, fats, waxes..... do.....	274.4	307.6	29.0	27.0	20.5	24.6	27.0	34.7	36.3	31.0	26.6	50.4	31.1	41.6	55.2	-----
Chemicals..... do.....	3,287.0	3,382.5	286.1	298.5	310.3	282.6	297.5	289.9	302.3	318.5	320.2	342.3	324.8	354.1	340.9	-----
Manufactured goods φ do.....	3,939.4	4,554.7	375.2	374.6	410.9	395.9	451.9	411.3	431.2	425.6	433.6	447.8	452.0	483.9	455.4	-----
Textiles..... do.....	522.3	375.5	47.2	43.9	51.6	47.1	54.7	54.2	52.2	49.1	50.6	55.2	50.5	53.0	52.0	-----
Iron and steel..... do.....	610.5	972.5	72.5	81.8	85.2	84.5	110.8	107.4	121.1	106.8	112.1	115.7	127.1	142.1	117.7	-----
Nonferrous base metals..... do.....	600.0	712.0	62.2	62.2	66.3	68.6	67.6	62.2	72.0	81.3	85.3	81.8	83.2	90.9	78.5	-----
Machinery and transport equipment, total..... mil. \$.	14,447.4	16,380.4	1,325.0	1,244.5	1,320.6	1,334.1	1,505.3	1,391.4	1,424.6	1,359.7	1,430.2	1,537.9	1,564.3	1,765.9	1,545.9	-----
Machinery, total φ do.....	8,597.2	9,865.4	815.1	805.6	847.5	808.8	928.0	857.9	845.7	821.5	895.4	969.6	939.3	1,001.3	999.0	-----
Agricultural..... do.....	626.8	644.4	59.1	55.3	46.7	47.3	55.5	50.0	45.5	54.1	63.3	37.9	56.0	49.5	-----	
Metalworking..... do.....	333.6	345.4	29.1	26.3	28.1	28.5	33.6	31.7	34.4	28.1	31.4	32.6	37.4	40.1	-----	
Construction, excav. and mining..... do.....	1,098.5	1,247.8	105.8	116.4	106.7	102.4	114.3	117.0	111.7	111.3	113.5	121.8	113.6	122.3	122.7	-----
Electrical..... do.....	2,284.0	2,677.7	215.4	213.5	238.3	229.6	257.5	227.9	213.0	221.0	246.4	247.0	264.0	271.6	-----	
Transport equipment, total..... do.....	5,850.1	6,515.0	510.1	438.9	473.1	525.3	579.1	533.4	578.9	538.1	534.8	568.3	625.0	764.6	546.9	-----
Motor vehicles and parts..... do.....	3,370.2	3,788.0	317.4	235.0	245.4	352.2	373.6	342.7	318.5	279.1	280.2	307.2	352.0	350.8	354.8	-----
Miscellaneous manufactured articles..... do.....	2,144.2	2,445.9	195.7	197.3	222.6	209.3	224.6	201.0	198.6	206.6	206.6	229.9	212.1	213.4	221.6	-----
Commodities not classified..... do.....	924.0	1,226.8	115.4	80.2	109.5	131.7	119.7	155.4	110.2	123.9	113.2	117.0	115.4	118.6	156.0	-----
Value of Imports																
General imports, total..... do.....	33,226.3	36,042.8	3,214.1	3,151.7	2,908.6	3,130.4	3,429.1	2,987.0	3,245.6	3,125.5	2,944.3	3,385.9	3,391.4	3,174.9	3,504.2	-----
Seasonally adjusted..... do.....	33,226.3	36,042.8	3,185.4	3,064.4	2,879.1	3,053.8	3,220.7	2,987.0	3,245.6	3,125.5	2,944.3	3,385.9	3,391.4	3,174.9	3,504.2	-----
By geographic regions:																
Africa..... do.....	1,122.3	1,045.1	80.7	90.1	69.4	82.0	93.9	96.9	114.9	105.9	86.9	106.8	104.5	90.6	94.2	-----
Asia..... do.....	6,911.4	8,275.9	726.1	770.1	774.7	763.4	778.3	657.2	710.4	735.1	605.6	765.6	752.5	740.1	820.1	-----
Australia and Oceania..... do.....	696.5	828.3	66.6	81.7	106.8	79.6	81.5	54.8	72.6	66.0	62.3	78.5	57.4	54.8	73.9	-----
Europe..... do.....	10,337.7	10,335.6	977.3	991.9	846.4	873.7	979.9	861.0	875.1	888.7	845.4	952.9	979.8	898.5	978.3	-----
Northern North America..... do.....	9,009.3	10,393.2	913.7	778.0	714.9	904.8	1,025.4	914.6	986.2	845.3	845.3	960.3	951.2	942.6	1,017.1	-----
Southern North America..... do.....	2,259.4	2,518.4	218.8	206.0	184.2	183.6	217.3	198.4	232.5	241.5	237.8	285.6	274.7	243.0	259.6	-----
South America..... do.....	2,879.3	2,643.1	232.6	235.4	212.6	243.9	253.7	205.8	254.6	242.5	260.1	234.4	268.1	203.0	259.1	-----
By leading countries:																
Africa:																
United Arab Republic (Egypt)..... do.....	32.4	37.8	2.5	3.2	1.4	3.6	3.9	1.9	4.7	2.6	3.8	2.7	4.2	2.3	2.4	-----
Republic of South Africa..... do.....	255.9	248.0	21.3	19.4	17.9	24.3	23.1	18.0	23.9	24.0	19.8	28.0	33.6	20.6	20.0	-----
Asia, Australia and Oceania:																
Australia, including New Guinea..... do.....	495.0	595.1	46.9	60.0	83.9	54.6	66.1	37.4	50.3	57.6	47.8	48.4	43.3	38.1	60.2	-----
India..... do.....	312.1	344.1	27.6	30.7	32.1	30.2	26.0	24.3	27.6	34.5	25.9	30.5	22.2	20.6	24.5	-----
Pakistan..... do.....	63.8	73.0	6.1	6.5	7.5	5.1	5.0	6.0	6.6	8.4	6.9	6.5	5.8	6.2	7.5	-----
Malaysia..... do.....	240.0	307.2	22.2	22.9	24.0	27.8	32.3	24.6	23.4	30.7	18.8	25.0	22.1	23.3	25.9	-----
Indonesia..... do.....	174.3	193.6	14.8	18.0	16.1	15.3	16.4	16.8	16.8	16.8	17.3	18.8	14.1	11.5	15.1	-----
Philippines..... do.....	435.9	422.6	40.0	37.0	46.3	30.0	30.6	23.1	49.9	37.3	12.9	27.0	32.6	42.1	40.0	-----
Japan..... do.....	4,054.4	4,888.3	422.1	467.3	453.8	461.8	478.6	410.8	402.8	431.7	364.2	464.8	474.3	443.9	486.1	-----
Europe:																
France..... do.....	842.3	842.5	82.3	85.5	76.8	66.1	72.1	67.7	74.6	69.8	69.4	73.6	75.5	73.0	79.9	-----
East Germany..... do.....	5.9	8.0	.8	.7	.6	.6	.8	.7	.7	.8	.8	.7	.7	.5	.9	-----
West Germany..... do.....																

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	9.9	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. mdse., excl. military grant-aid):																
Unit value.....1957-59=100.....do.	1112	1117	1115			1117			120			122			123	
Quantity.....do.	1173	1182	1202			1181			196			192			208	
Value.....do.	1195	1213	1232			1211			236			234			256	
General imports:																
Unit value.....do.	1104	1108	1106			1107			111			112				
Quantity.....do.	1226	1236	1260			1242			245			239				
Value.....do.	1235	1254	1276			1260			273			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	1,787	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	

* Revised. [¶] Preliminary. ¹ Revised to include trade in silver ore and bullion formerly reported separately; quarterly data do not reflect this change. [¶] Includes data not shown separately. [§] Passenger-miles as a percent of available seat-miles in revenue service; reflects proportion of seating capacity actually sold and utilized. [¶] Applies to passengers, baggage, freight, express, and mail carried. ^{*} New series. Source: Civil Aeronautics Board. Certificated route industry covers passenger-cargo (including local service, helicopter, and other carriers) and all-cargo carriers. Beginning Jan. 1970, domestic series reflects operations between the 48 States and Alaska and Hawaii; prior to 1970 this traffic was included in the international and territorial series. Selected revenues by type (as shown for total industry) and all traffic statistics cover scheduled service only; total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.

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 ¹ 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.)..... bil.	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				
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		
National parks, visits..... do.	42,392	42,408	6,176	9,291	9,518	4,144	2,826	1,602	1,040	987	1,133	1,559	1,878	3,338	254		
COMMUNICATION (QTRLY.)																	
Telephone carriers:																	
Operating revenues ¹ 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				1,660				
Operating expenses (excluding taxes)..... do.	9,202	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	1968	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
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		
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.
¹ 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: ♂																
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	28.9	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	58.7	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 ♀																
Nitrogenous materials..... 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	
Phosphate materials..... do.	2,607	1,799	141	210	368	125	108	107	93	57	61	106	49	102	92	
Potash 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	
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.	1,601.6	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.	2,805.7	3,251.6	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.	3,215.1	3,638.8	284.1	262.3	269.5	285.4	323.6	311.5	311.5	284.9	283.2	316.7	338.2			
Polyethylene..... do.	4,567.7	5,440.7	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†																
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.																
By fuels..... 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 waterpower..... do.	222,491	250,078	99,497	113,766	112,485	101,164	101,040	96,941	106,027	109,474	95,973	100,878	95,722	99,394		
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.																
By fuels..... 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 waterpower..... do.	3,383	3,283	289	266	261	233	250	267	285	307	301	305	320	312		

† Revised.

♂ 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.

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

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

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\$	1,265,151	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\$	1,518,834	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	1,367,692	407,922	29,859	35,934	38,103	37,149	32,335	31,823	35,759	41,404	39,068	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 ♀	579	575	576			567			575						
Residential	543	538	539			531			538						
Industrial and commercial	36	36	35			35			36						
Sales to consumers, total ♀	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 ♀	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 ♀	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 ♀	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 ♀	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	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	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	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	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	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	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	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	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	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	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	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	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															
Whisky	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	
Wines and distilling materials	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	
Efferescent wines:															
Production	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	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	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	2.23	2.41	.24	.17	.14	.15	.31	.29	.27	.11	.10	.12	.15	.14	.13
Still wines:															
Production	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	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	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	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	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)	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	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
Price, wholesale, 92-score (N.Y.) \$ per lb.	.678	.685	.684	.686	.688	.704	.693	.687	.696	.686	.687	.688	.707	.708	.707
Cheese:															
Production (factory), total	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	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	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
American, whole milk	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
Imports	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.

Table header with columns for years: 1968, 1969, 1969, 1970. Sub-headers for 1969 and 1970 include months from June to July. A note states: 'Unless otherwise stated in footnotes below, data through 1968 and descriptive notes are as shown in the 1969 edition of BUSINESS STATISTICS'.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

Main data table for 'DAIRY PRODUCTS—Continued', 'GRAIN AND GRAIN PRODUCTS', and other food categories. It lists various products like 'Condensed and evaporated milk', 'Fluid milk', 'Dry milk', 'Barley', 'Corn', 'Oats', 'Rice', 'Rye', and 'Wheat'. Each row includes data for the years 1968, 1969, and 1970 (with 1970 data broken down by month).

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 1971 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	4,324	4,391	4,391	4,391	4,391	4,595	4,595	4,237	4,237	4,237	4,223	4,223
Exports..... do.	23,264	21,132	3,027	2,429	919	1,534	2,751	2,082	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	5.613	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	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
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
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	1,106
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
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)..... do.	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
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	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
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				
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.

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

receipts at 28 public markets. 2 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

Table header with columns for years: 1968, 1969, 1969 (Monthly: June, July, Aug., Sept., Oct., Nov., Dec.), 1970 (Monthly: Jan., Feb., Mar., Apr., May, June, July)

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

POULTRY AND EGGS—Continued

Eggs: Production on farms, Stocks, cold storage, end of period; Shell, Frozen; Price, wholesale, large (delivered; Chicago)

MISCELLANEOUS FOOD PRODUCTS

Cocoa (cacao) beans: Imports (incl. shells); Price, wholesale, Accra (New York)

Coffee (green): Inventories (roasters, importers, dealers), end of period; Roastings (green weight); Imports, total; From Brazil; Price, wholesale, Santos, No. 4 (N.Y.); Confectionery, manufacturers' sales

Fish: Stocks, cold storage, end of period

Sugar (United States): Deliveries and supply (raw basis); Production and receipts; Deliveries, total; For domestic consumption; Stocks, raw and ref., end of period; Exports, raw and refined; Imports; Refined sugar, total; Prices (New York): Raw, wholesale; Refined; Retail (incl. N.E. New Jersey); Wholesale (excl. excise tax)

Tea, imports

FATS, OILS, AND RELATED PRODUCTS

Baking or frying fats (incl. shortening); Salad or cooking oils; Margarine; Animal and fish fats; Tallow and grease (except wool), inedible; Fish and marine mammal oils; Vegetable oils and related products: Coconut oil; Corn oil

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

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	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	165.0	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	130.8	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														2,180
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	38,290	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	1,588	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	30,716	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 1/4/15 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	85,802	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		
Slipper.....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				

¹ Revised. ^c Corrected.
¹ Crop estimate for the year. ² August 1 estimate of 1970 crop.
³ 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 TYPES ¶																
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	566	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	5,084	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	
SOFTWOODS †																
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	1,027	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.	7,320	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	2,229	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.	2,53,545	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	2,33,587	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	2,87,060	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				

† Revised. ‡ Preliminary. § Less than 500 tons. ¶ Annual total reflects revisions not distributed to the monthly data. ¶ Totals include data for types of lumber not shown separately. ¶ Data for orders, production, shipments, and stocks have been revised back to 1962; corresponding monthly revisions are available for 1968 and 1969 only.

† 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	10,170	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	52,294	51,003	44,488	38,814	32,587	29,750	33,308	37,844	-----
At U.S. docks..... do.....	2,797	2,648	1,943	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	66.50	68.20	68.20	68.20	-----
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..	91,856	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	538	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	241	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.....	3,393	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	1,112	1,015	1,170	1,261	907	1,087	1,141	-----
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	-----
Other..... do.....	1,462	1,514	130	102	104	104	108	105	131	128	144	167	156	156	143	-----
By market (quarterly shipments):																
Service centers and distributors..... do.....	16,099	17,565	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.....	4,922	4,768	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	2,186	2,186	-----
Rail transportation..... do.....	3,048	3,344	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.....	22,952	25,687	6,435	-----	-----	6,388	-----	-----	7,102	-----	-----	7,759	2,262	2,257	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. ¹ Annual total; monthly revisions are not available. ²

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	686.2	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	146.6	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	466.6	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	183.8	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	4,905	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	270	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	6,595		
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.....																
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.....																
Secondary (redistilled) production.....do.....	1,020.9	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		
Consumption, fabricators'.....do.....	1,79.9	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		
Exports.....do.....	1,333.7	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	2.2	.7	.4	.1	(3)	(3)	(3)	.1	(3)	(3)		
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	1.480	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. 1970 SURVEY, p. S-32.
 † Revised data (1966-68) are in the Apr. 1970 SURVEY. * New series. Source, U.S. Dept.

of Commerce; monthly data back to Jan. 1967 are available.
 † Prices shown are averages of delivered prices; average differential between the delivered and the refinery price is 0.400 cents per lb. through 1969 and 0.500 cents thereafter.
 † Consumers' and secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
 † Producers' stocks elsewhere, end of July 1970, 24,900 tons.

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...	19.3	5.3	.4	.3	.4	.6	.6	.4	.3	.3	.5	.4	.2	.2		
Nonferrous.....do.....	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.....	532.6	665.3	52.2	40.3	63.1	66.1	73.6	52.9	57.0	48.4	47.5	44.1	34.8	36.6		
Stocks, end of period.....do.....	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	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	47.6	53.0		
Warm-air furnaces (forced-air and gravity air-flow), shipments, total.....thous.....	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	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	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		32.2	30.1			22.5
Electric processing.....do.....	112.1	16.4	3.4			3.1				7.2		2.6	3.0			2.7
Fuel-fired (exc. for hot rolling steel).....do.....	64.6	58.3	24.3			10.1				8.8		15.2	11.3			12.3
Material handling equipment (industrial):																
Orders (new), index, seas. adj. 1957-59=100.....	220.4	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	14,908	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	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	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	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	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	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	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	29.65	17.00	25.55	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	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	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. \$	453.4	475.6	134.8			107.4				100.8		133.2	44.5	37.7		
Wheel (contractors' off-highway).....do.....	68.4	179.1	53.5			49.0				31.6		36.4				
Tractor shovel loaders (integral units only), wheel and tracklaying types.....mil. \$	502.6	617.3	173.0			139.1				138.2		165.5				
Tractors, wheel (excl. garden and contractors' off-highway types).....mil. \$	1938.4	878.6	247.5			175.6				228.5		248.4	81.2	69.3		
Farm machines and equipment (selected types), excl. tractors.....mil. \$	1,211.3	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	2,028	2,429	
Household electrical appliances:																
Ranges, incl. built-ins, shipments (manufacturers'), domestic and export.....thous.....	2,306.8	2,342.3	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.....	4,519.8	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.....	22,586	20,549	1,860	1,239	1,827	2,211	1,838	1,504	1,437	1,369	1,240	1,632	1,322	1,292	1,651	975
Television sets (incl. combination), prod. ....do.....	11,794	11,270	1,070	614	877	1,167	984	888	764	704	782	895	509	531	823	534
Electron tubes and semiconductors (excl. receiving, power, and spec. purpose tubes), sales.....mil. \$	1693.1	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. \$	96.6	109.3	9.5	8.8	8.0	10.3	10.3	8.1	8.8	8.1	8.7	9.7	9.4	8.1	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	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	43,875	35,700	47,944	48,788	53,532	45,337	50,666	45,515	45,890	50,755	49,330	50,765	48,085	37,910

¹ Revised. ² Revised total or year-end stock; monthly revisions are not available. ³ Total for 11 months. ⁴ For month shown. ⁵ Data cover 5 weeks; other periods, 4 weeks. ⁶ Excludes orders for motors 1-20 hp.; domestic sales of this class in 1969 totaled \$117.2 mil.; 1970-June, \$9.4 mil. ⁷ Revised data (1967-68) are in the Apr. 1970 SURVEY. ⁸ Excludes figures for rubber-tired dozers (included for other periods). ⁹ For 1st quarter 1969. ⁰ 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	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', 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
Prices, wholesale:	\$ per sh. ton.														
Screenings, indust. use, f.o.b. mine.....	do	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:	thous. sh. tons.														
Beehive.....	do	775	710	53	47	70	76	69	63	81	69	61	64	63	72
Oven (byproduct).....	do	62,878	64,014	5,247	5,387	5,412	5,274	5,552	5,333	5,570	5,332	5,069	5,978	5,807	5,966
Petroleum coke ⁹	do	19,038	20,574	1,771	1,811	1,752	1,734	1,795	1,827	1,881	1,856	1,643	1,696	1,834	1,834
Stocks, end of period:	do														
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
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
At merchant plants.....	do	348	99	167	193	186	146	121	119	99	86	65	63	55	58
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	1,149
Exports.....	do	792	1,629	178	181	121	100	123	146	164	89	152	141	212	195
PETROLEUM AND PRODUCTS															
Crude petroleum:															
Oil wells completed.....	number	14,426		1,277	1,091	1,261	1,107	1,217	1,080						
Price at wells (Oklahoma).....	\$ per bbl.	3.06	3.18	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	3,880.1	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	
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	287.7	282.5	284.3	284.8	285.2	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	178.6	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.

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	5,693	5,536	5,548	5,478	
Stocks, end of period.....do.	5,676	4,788	3,597	3,770	3,949	4,241	4,537	4,521	4,783	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	2,482	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.																
Defibrated or exploded.....do.	14,470	4,241	362	338	358	345	368	359	341	359	353	362	366	374	357	
Soda, semicheem., screenings, etc.....do.	11,625	1,585	135	132	133	132	131	135	128	127	129	131	134	134	133	
Stocks, end of period.....do.	3,690	3,564	295	277	292	297	306	310	286	303	284	303	298	305	291	
Total, all mills.....do.																
Pulp mills.....do.	870	796	857	802	790	780	787	839	796	812	811	823	832	868	868	
Paper and board mills.....do.	358	230	344	284	286	293	284	321	230	294	284	275	299	348	340	
Nonpaper mills.....do.	426	469	433	443	432	418	431	440	469	440	457	474	459	450	461	
Stocks, end of period.....do.	86	99	80	75	72	70	72	77	99	79	76	74	74	71	67	
Exports, all grades, total.....do.																
Dissolving and special alpha.....do.	1,902	1,203	171	207	196	148	191	182	220	200	204	224	254	243	269	
All other.....do.	671	1,744	61	62	79	68	60	63	72	63	70	80	81	50	96	
All other.....do.	1,231	1,359	111	145	118	80	132	119	148	137	134	145	173	193	173	
Imports, all grades, total.....do.																
Dissolving and special alpha.....do.	3,540	14,040	349	338	307	320	400	356	358	304	294	348	304	296	309	
All other.....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	2,238	2,150	2,046	2,237	2,057	2,142	2,198	2,100	2,100	
Wet-machine board.....do.	155	133	11	9	11	11	12	11	8	10	9	11	14	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	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	123.2	126.4	126.4	126.4	127.5	127.5	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	96.0	97.1	97.0	97.0	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): ¹																		
Groundwood paper, uncoated:																		
Orders, new		1,171	94	104	100	83	105	114	94	94	92	108	94		104			
Orders, unfilled, end of period		107	119	132	130	108	102	122	107	97	102	111	120		115			
Shipments		1,123	95	87	100	91	104	94	91	93	89	91	94		101			
Coated paper:																		
Orders, new		3,230	270	266	282	266	289	242	245	287	269	278	287		268			
Orders, unfilled, end of period		200	228	224	229	226	239	223	200	232	244	238	237		229			
Shipments		3,313	268	271	284	272	294	269	275	278	254	287	292		282			
Book paper, uncoated:																		
Orders, new		2,515	203	186	212	197	230	202	196	222	195	215	195		216			
Shipments		2,587	217	201	221	210	229	214	217	231	211	225	205		222			
Writing and related papers:																		
Orders, new		2,951	246	233	246	236	268	238	233	242	210	239	247		244			
Shipments		2,899	246	231	245	242	262	239	234	247	234	248	243		249			
Unbleached kraft packaging and industrial converting papers:																		
Orders, new		3,922	334	308	341	316	323	297	344	337	312	344	300		288			
Orders, unfilled, end of period		189	200	169	189	192	181	173	189	195	199	187	137		109			
Shipments		3,865	328	294	329	328	320	317	319	328	318	355	317		307			
Tissue paper, production		3,588	291	284	295	304	320	310	298	310	290	305	313		306			
Newsprint:																		
Canada:																		
Production	8,031	8,758	720	726	751	706	794	760	730	749	692	750	752	715	671			
Shipments from mills	8,096	8,741	721	720	705	725	804	808	795	659	646	704	701	716	734			
Stocks at mills, end of period	203	220	309	315	362	343	333	285	220	310	357	402	452	451	388			
United States:																		
Production	2,935	3,232	275	249	271	255	288	279	255	279	258	273	274	290	289			
Shipments from mills	2,946	3,233	277	251	259	257	291	290	275	261	247	278	274	277	285			
Stocks at mills, end of period	27	27	53	51	63	62	58	46	27	45	55	51	51	65	69			
Consumption by publishers ²	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	633	699	647	681	683	676	686	665	699	737	743	710	704	654	683			
Imports	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	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.)	454	479	528	464	504	506	542	526	479	509	521	515	497	512	493	451		
Orders, unfilled	869	939	1,035	1,048	963	963	1,004	965	939	975	855	805	770	749	691	723		
Production, total (weekly avg.)	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	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 *	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 \$.	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	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	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	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	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	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	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)	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	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	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	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	203,060	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	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	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	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	23,202	2,423	259	194	224	258	305	138	200	120	187	185	175	173		
Stocks, end of period	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)	2,518	2,364	264	147	275	322	298	187	166	156	90	150	114	110	133	
Inner tubes, automotive:																
Production	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	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	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)	1,390	1,088	91	66	99	111	83	79	83	84	67	111	71	85		

^r Revised. ^p 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	660.4	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	21.3	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	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
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		250			235			212			184			
Wallboard..... do.	8,283	9,090	2,385			2,585			2,213			1,899			
All other..... do.	269	275	79			70			59			46			

TEXTILE PRODUCTS

WOVEN FABRICS															
Woven fabrics (gray goods), weaving mills: ¹															
Production, total..... mll. linear yd.	12,693	12,906	1,008	2,983	986	965	2,231	979	2,175	948	958	2,191	910	924	
Cotton..... do.	7,408	7,159	561	2,526	552	533	2,072	543	2,650	522	527	2,632	491	502	
Manmade fiber..... do.	5,052	5,546	432	2,440	420	419	2,544	423	2,509	410	414	2,538	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	1,359	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															
Consumption..... thous. bales	10,948	10,014										10,014			11,079
Stocks in the United States, total, end of period..... thous. bales	8,568	8,294	644	2,649	629	634	2,810	646	2,717	635	626	2,780	616	609	732
Domestic cotton, total..... do.	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
On farms and in transit..... 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
Public storage and compresses..... do.	1,548	1,294	506	400	9,874	9,000	5,292	2,928	1,294	1,040	982	485	597	645	448
Consuming establishments..... 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
Foreign cotton, total..... do.	1,571	1,272	1,728	1,623	1,447	1,294	1,043	1,098	1,272	1,336	1,460	1,569	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

¹ Revised. ² Reported annual total; revisions r allocated to the months. ³ Data cover 5 weeks; other months, 4 weeks. ⁴ Ginnings to Dec. 13. ⁵ Ginnings to Jan. 16. ⁶ Crop for the year 1969. ⁷ Data not available owing to lack of complete reports from the industry. ⁸ Aug. 1 estimate of 1970 crop. ⁹ Includes data not shown separately. ¹⁰ 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.

¹¹ Stocks (owned by weaving mills and billed and held for others) exclude bedsheeting, toweling, and blanketing, and billed and held stocks of denims. ¹² 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. ¹³ Total ginnings to end of month indicated, except as noted.

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	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	20.8	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
Price, middling 1", avg. 12 markets.....do.....	122.9	21.9	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
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..																
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..																
Staple, tow, and tops.....do.....	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	-----
Imports: Yarns and monofilaments.....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	-----
Staple, tow, and tops.....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	-----
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	1.42	-----	-----	-----	-----
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	891.5	-----	-----	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.....do.....	678.0	629.8	173.6	-----	-----	143.8	-----	-----	130.5	-----	-----	124.3	-----	-----	-----	-----
Polyester blends with cotton.....do.....	1,751.9	1,885.7	474.0	-----	-----	431.6	-----	-----	478.6	-----	-----	501.0	-----	-----	-----	-----
Filament and spun yarn fabrics (combinations and mixtures).....mil. lin. yd..	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 combing 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..																
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	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, T type 62; comparable prices prior to 1970 are not available. ⁷ Season average through Apr. 1970; for farm price, average is for all cotton. ⁸ Omits quantities of chiefly nylon combination fabrics. ⁹ 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

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	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	1,438	1,438	1,438	1,435	1,434	1,435	1,434	1,433	
Held for repairs, % of total owned.....do	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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