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SURVEY OF CURRENT BUSINESS



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the BUSINESS SITUATION

In October, man-hours, personal income, and industrial production indicated some further slowdown in the rate of economic advance, but price pressures continued strong. The fragmentary evidence now available suggests that the expansion in GNP will slacken in the current quarter.

THE scattered evidence now available for the opening month of the fourth quarter appears to confirm some further weakening in the economy's forward momentum, even though price pressures continue to be severe. In October, the labor market continued to show signs of softening as employment recorded only a moderate increase, and weekly hours of work and overtime hours in manufacturing declined; unemployment remained virtually unchanged following its sharp rise in September. Personal income showed a very small increase and industrial production declined for the third consecutive month. According to advance reports, which have been subject to considerable revision, retail sales increased only moderately in October, partly because of some letup in sales of new cars.

The evidence now available is too fragmentary to permit definite conclusions about changes in business activity in the fourth quarter. However, with man-hours, personal income, and industrial production signaling less strength, and with important strikes exerting a dampening impact on economic activity, it is likely that the expansion in GNP will be less in the current quarter than in the third.

In the assessment of the outlook for final sales, consumer spending, which has behaved erratically over the past

year, is a notable uncertainty. Personal income and retail sales have started off at a rate only a little above the third quarter average. Auto demand is exhibiting less buoyancy, and reports on consumer buying intentions indicate some weakening in spending for the months ahead. These factors do not

suggest an acceleration in the rate of increase of consumption expenditures.

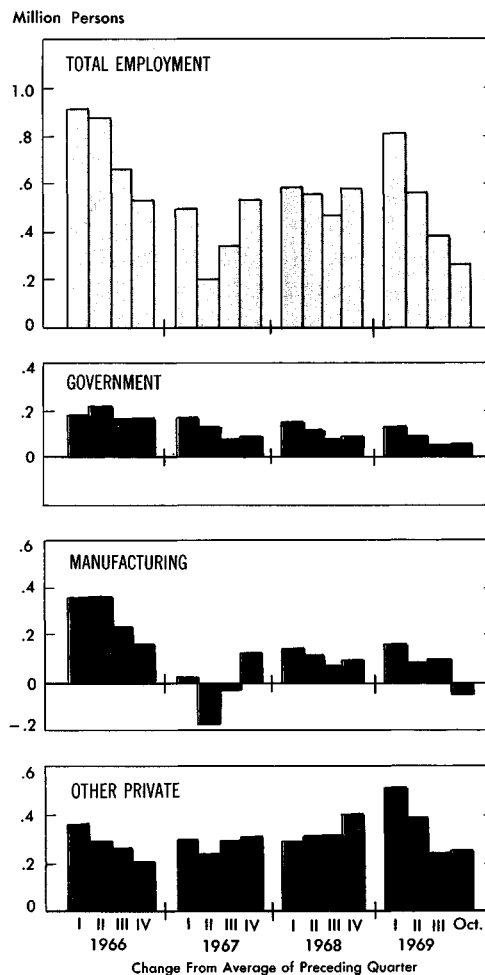
Fixed business investment may add less to final sales in the fourth than in the third quarter. According to the OBE-SEC survey conducted last August, capital outlays by business are not scheduled to increase. However, a new survey will appear next month. With stringent money and credit conditions continuing, residential investment is likely to decline further. Government purchases should add less to the fourth quarter than to the third quarter advance in GNP; the latter included the \$3 billion pay raise for Government employees. A quarterly interpolation of the Federal budget estimates suggests that a decline in defense expenditures will more than offset an increase in nondefense outlays. Data are not yet available to project State and local purchases or net exports, but the changes here are not likely to have an unusual impact on the overall rise in final sales. In contrast, inventory change, for which data are also lacking, may greatly affect the final outcome of fourth quarter GNP. Although inventories are always difficult to assess, from the present vantage point it seems more likely than not that inventories will contribute less to the increase in GNP in the current quarter than they did in the third.

Revised third quarter GNP

Revised estimates of GNP put the third quarter advance at a seasonally adjusted annual rate of \$18 billion, a slight upward revision from the preliminary figure published last month. Although the total was not altered significantly, there were some changes in its composition. Last month's prelim-

CHART 1
Nonfarm Employment

So far this year, the slower growth in nonfarm employment has been widespread



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

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inary estimates placed the third quarter increase in final sales at \$15 billion and the increase in the rate of inventory accumulation at \$2½ billion. According to the revised estimates, the rise in final sales has been lowered to about \$14¼ billion and the change in inventory investment increased to \$3¾ billion.

The third quarter increase in inventory accumulation compares with virtu-

ally no change in the second quarter and a decline of nearly \$4 billion in the first quarter of the year. Nearly all of the third quarter change in inventory accumulation was in durable goods, particularly at the retail level. As pointed out last month, the rise appears to be related to the current tapering in consumer durable goods spending.

The revision raised the increase in current dollar GNP fractionally, to an annual rate of 7¼ percent. As measured by the implicit deflator, prices rose 5½ percent, and physical volume 2¼ percent—the latter a little more than the 2 percent rise indicated last month.

Easing in labor demand

Some letup in labor market pressures was confirmed last month as the unemployment rate, at 3.9 percent, remained essentially unchanged, following its sharp rise from 3.5 percent in August to 4.0 percent in September. Jobless rates remained at about their September levels for both Negroes and whites and for most major groups of workers, i.e., married men, adult men and women, and teenagers.

Growth in nonfarm employment continued to show signs of slowing in October (chart 1). Measured from the average employment level of the summer quarter, nonfarm industries added 260,000 workers to their payrolls. This compares with increases averaging 810,000 in the first, 570,000 in the second, and 375,000 in the third quarter of this year. Nearly all of the October employment advance centered in service industries and in wholesale and retail trade.

Average weekly hours of work for production and nonsupervisory workers, which had held steady at 37.8 hours from March through September, dropped to 37.5 hours last month. All the major industry groups except finance, insurance, and real estate recorded declines. In manufacturing industries, the average workweek fell from 40.8 to 40.5 hours, while overtime hours declined from 3.6 to 3.4 hours. Overtime in manufacturing also declined one-tenth of an hour in September.

Personal income rise slows

After recording gains averaging more than \$5 billion during the first 8 months of this year, the expansion in personal income slowed to \$3¼ billion in September (revised) and to \$2½ billion in October. The slower expansion in personal income has centered in wage and salary disbursements, which rose only \$1½ billion last month. Government payrolls advanced \$½ billion, but private payrolls were up only \$1 billion.

Within the private sector, a good-sized gain of \$1¼ billion was recorded in the service industries. In the nonmanufacturing commodity-producing industries, wage and salary disbursements were up slightly, but this was offset in manufacturing industries where, as the result of a small decline in employment and a shorter workweek, payrolls recorded their first dip in 18 months. The distributive industries recorded their first decline this year. Wages and salaries fell by about \$¼ billion, as the employment gain was more than offset by reduced weekly hours of work.

Industrial output slips further

Industrial output declined for the third consecutive month in October. The Federal Reserve Index of industrial production fell to 173.3 (1957-59=100), down three-fourths of 1 percent from its July peak. Reductions in output were recorded in durable and nondurable goods manufacturing and in mining; these more than offset an increase in output by the utilities. In manufacturing, most of the decline was attributable to durables, where output was lower for motor vehicles, electrical machinery, instruments, and stone, clay, and glass products.

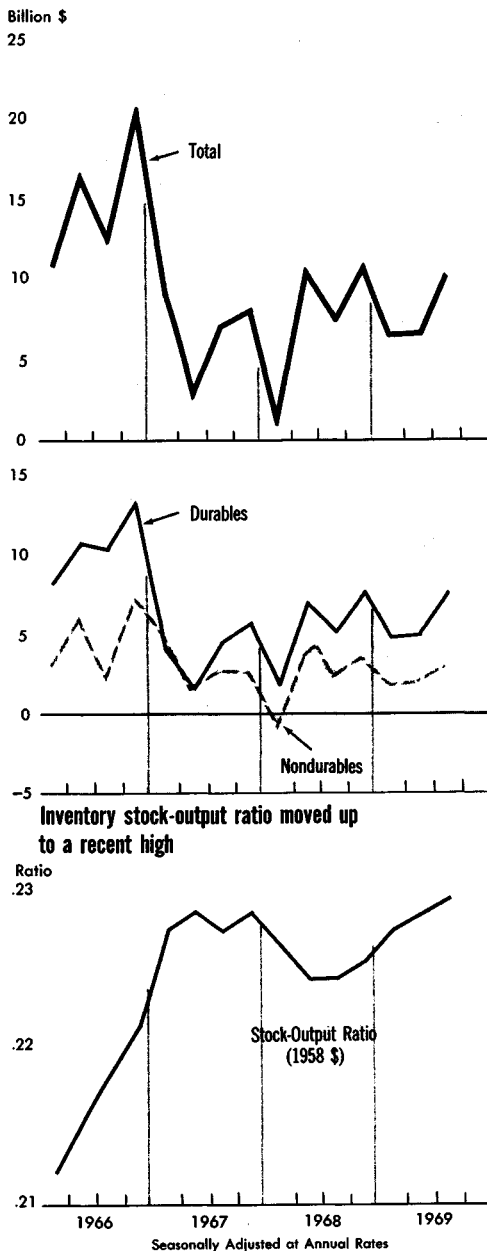
Recent changes in auto demand

Retail sales of new cars have shown considerable variation over the past 12 months. Having exceeded a seasonally adjusted annual rate of 10 million cars (both domestic and imports) for the first time in the third quarter of 1968, sales fell in each of the next two quarters to a rate of 9.4 million. They

CHART 2

Change in Nonfarm Business Inventories (GNP Basis)

Inventory accumulation increased in the third quarter with the rise mostly in durable goods

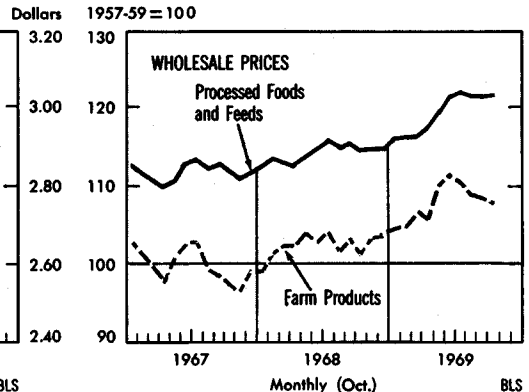
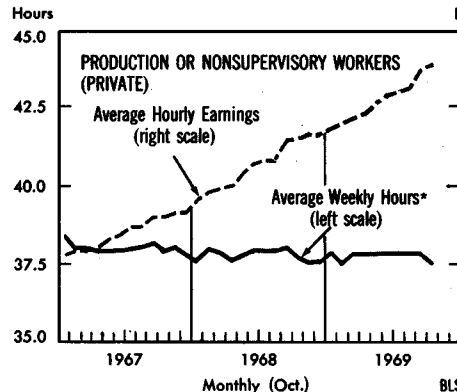
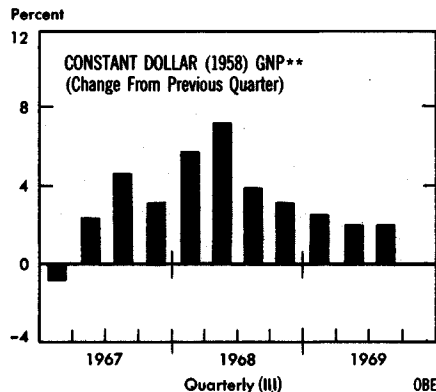
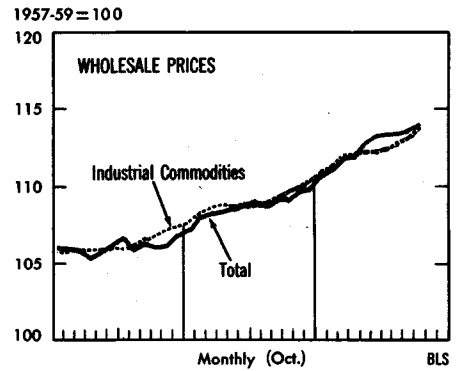
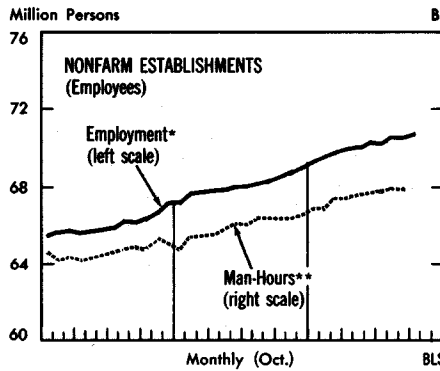
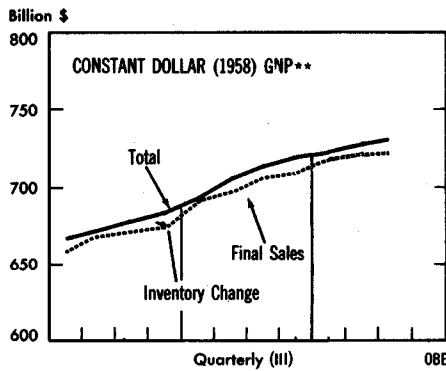
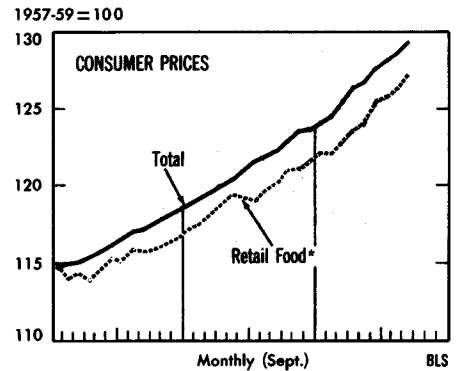
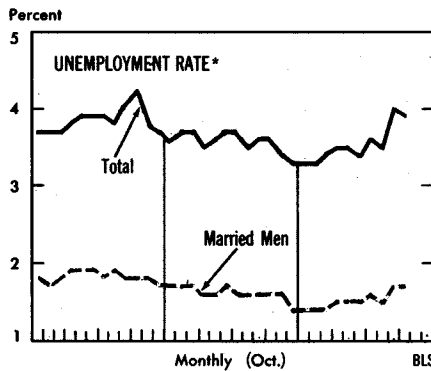
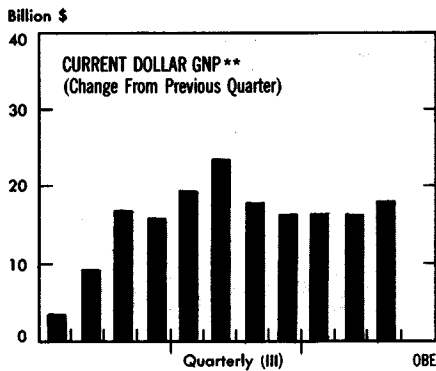
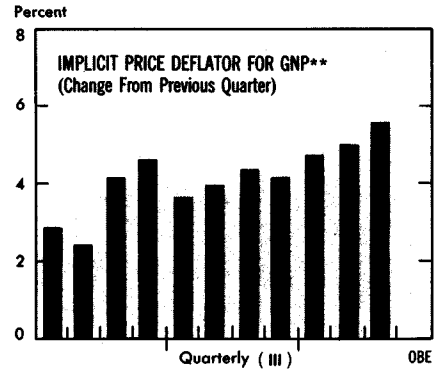
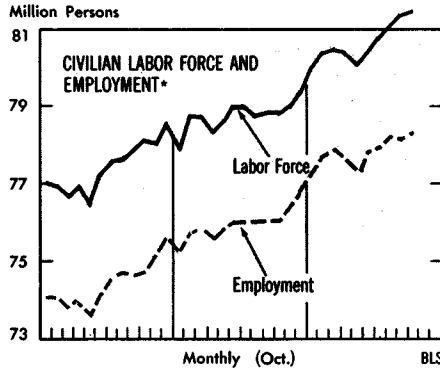
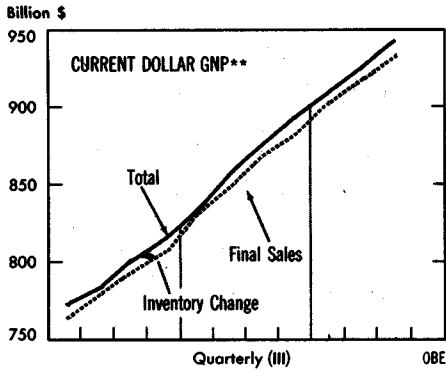


- Revised third quarter gain in GNP \$18 billion
- Nonfarm payroll employment rose moderately in October—weekly hours declined—unemployment rate virtually unchanged
- Wholesale prices up 0.4 percent in October—consumer prices scored another large increase in September

TOTAL PRODUCTION

THE LABOR MARKET

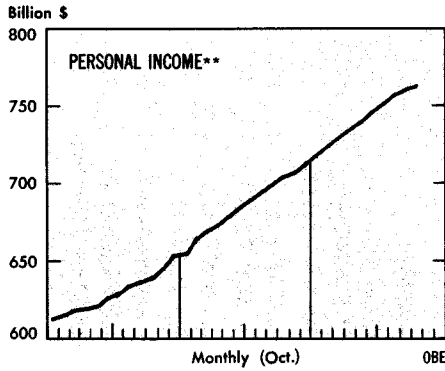
PRICES



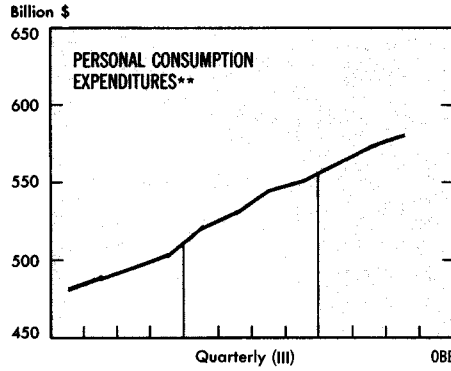
* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
U.S. Department of Commerce, Office of Business Economics

- Personal income advanced \$2.4 billion in October, below third quarter gain
- Retail sales up a little in October—new car sales slipped below high September rate
- Private nonfarm housing starts increased to a rate of 1.5 million units in September

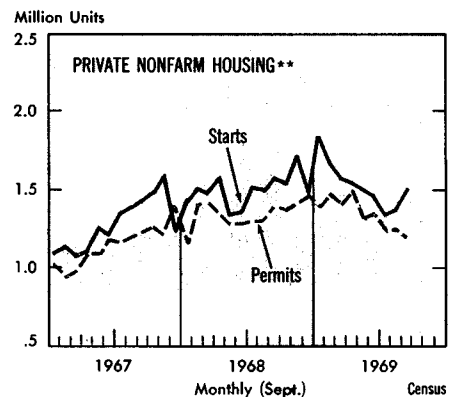
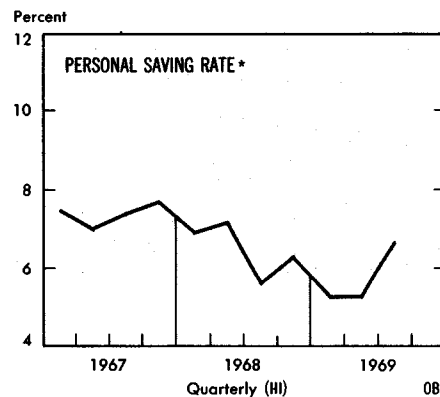
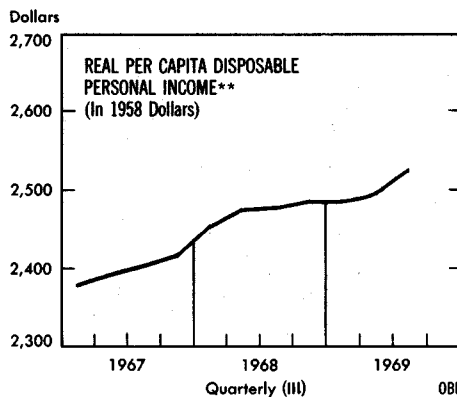
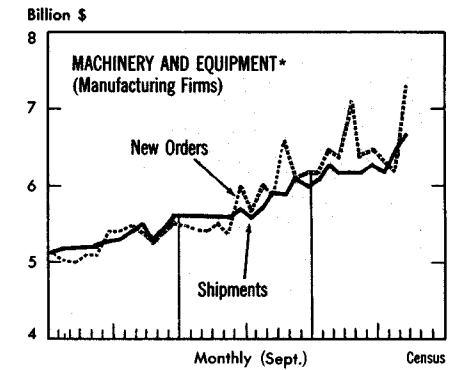
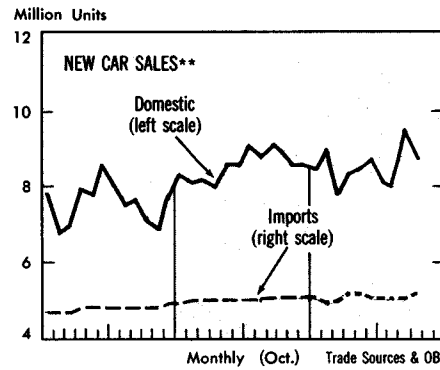
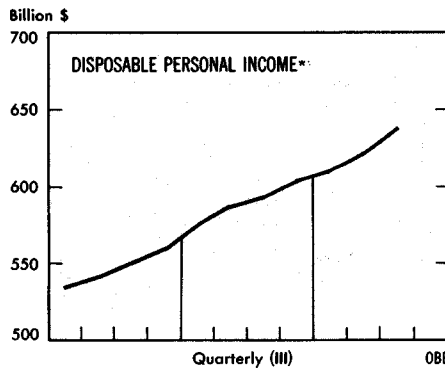
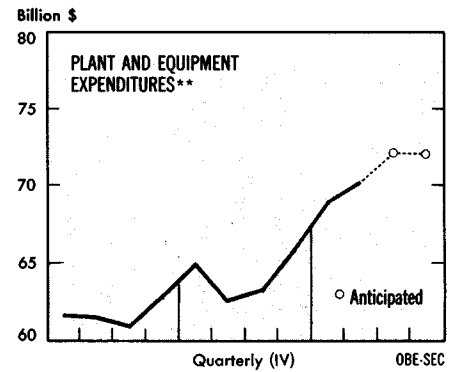
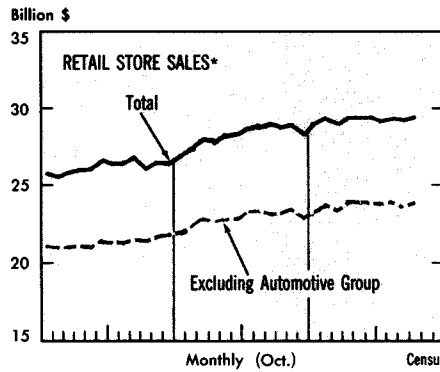
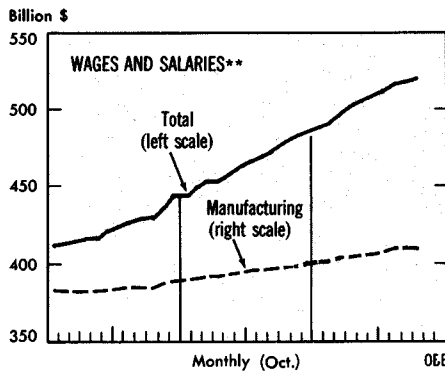
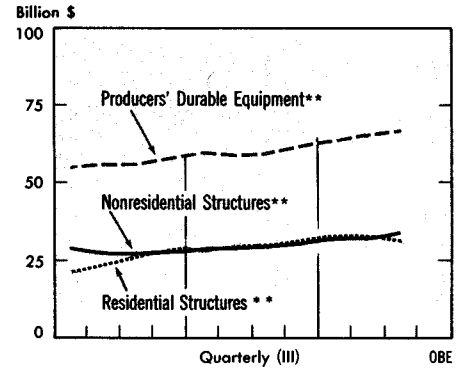
INCOME OF PERSONS



CONSUMPTION AND SAVING



FIXED INVESTMENT



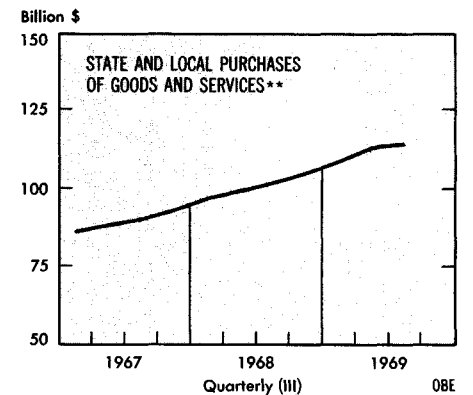
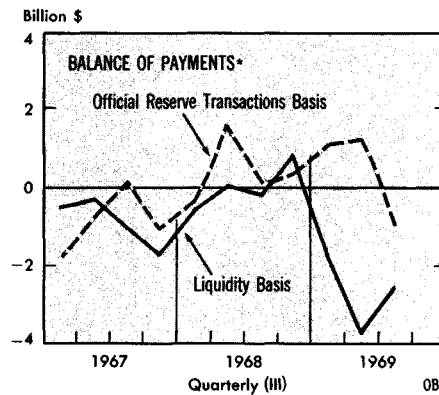
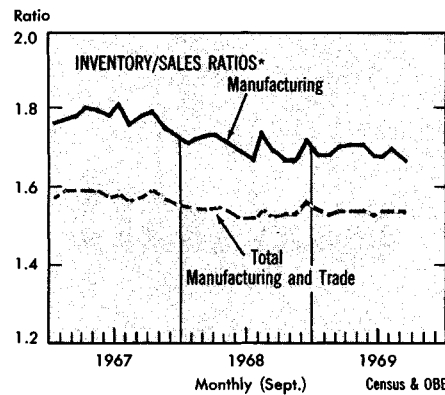
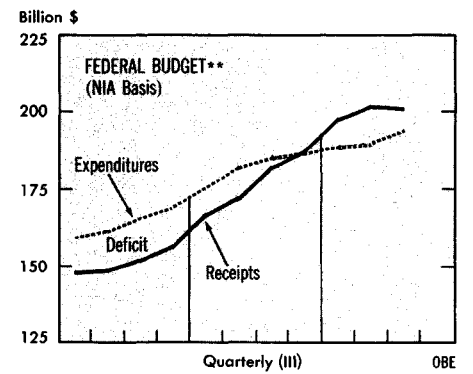
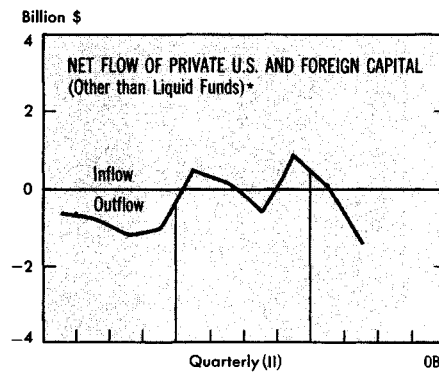
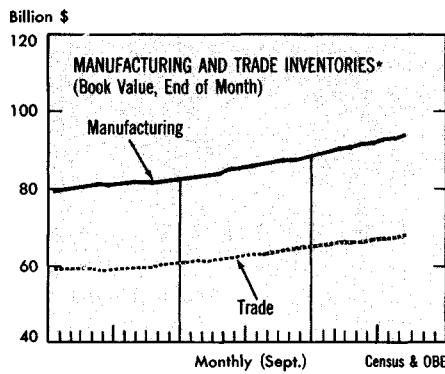
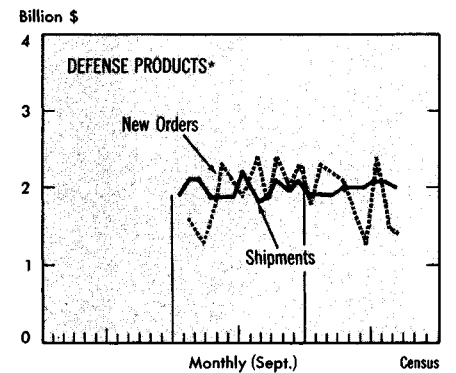
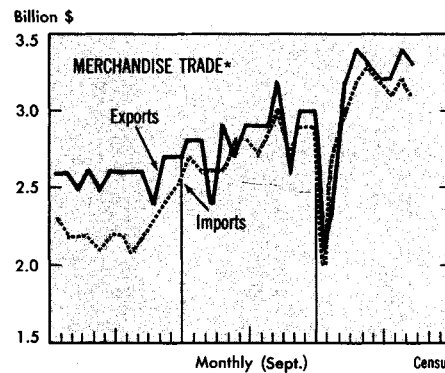
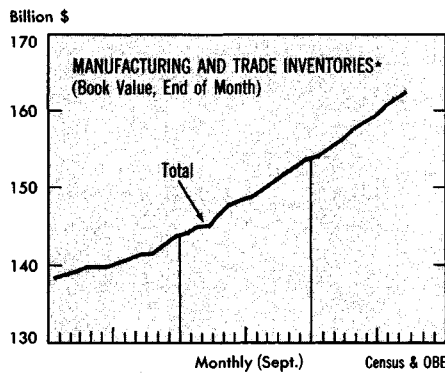
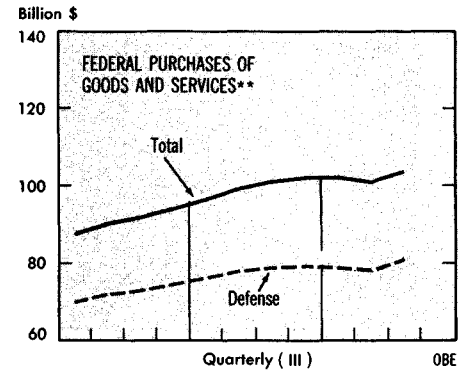
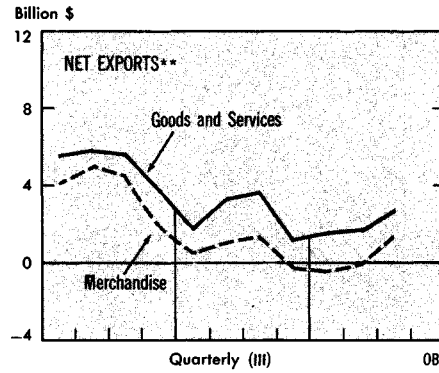
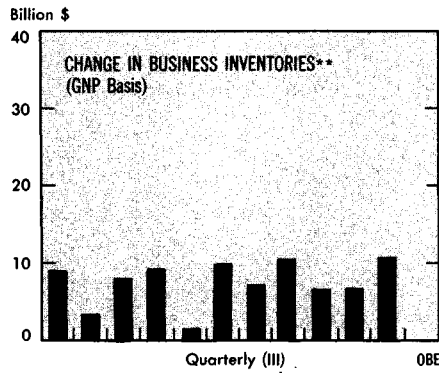
* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
U.S. Department of Commerce, Office of Business Economics

- Manufacturing and trade inventories rose \$1 billion in September, the same as in August
- Merchandise trade balance of \$270 million in September was largest this year
- Third quarter balance of payments deficit (liquidity basis) \$2 ½ billion — an improvement from second quarter

INVENTORIES

FOREIGN TRANSACTIONS

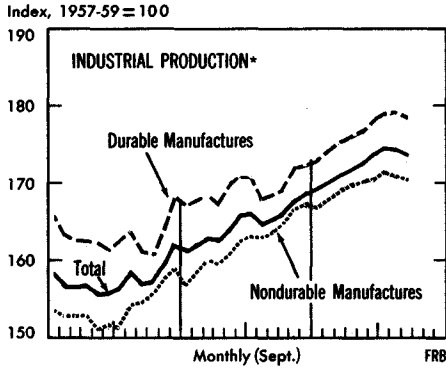
GOVERNMENT



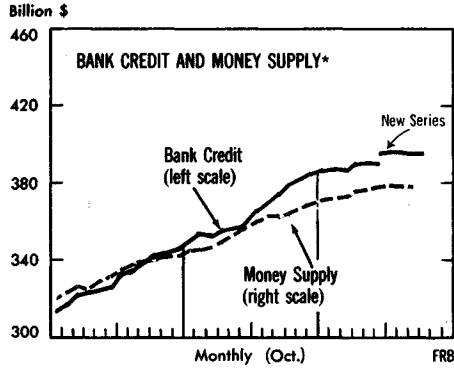
* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
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- Manufacturing capacity rate down slightly in third quarter
- Treasury bills little changed in October—yields on long-term corporate issues reached new highs
- Corporate profits (before tax and including IVA) dipped slightly in third quarter

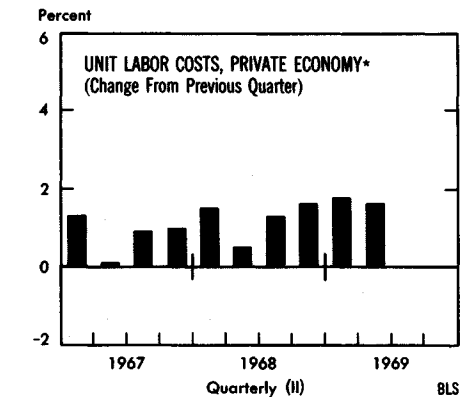
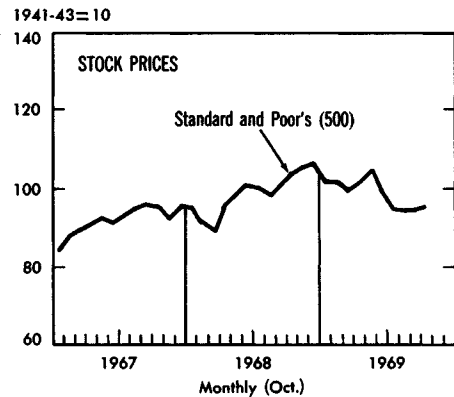
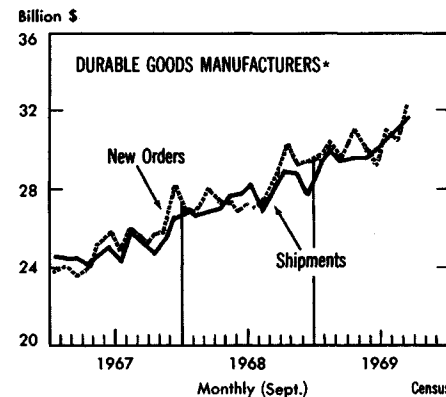
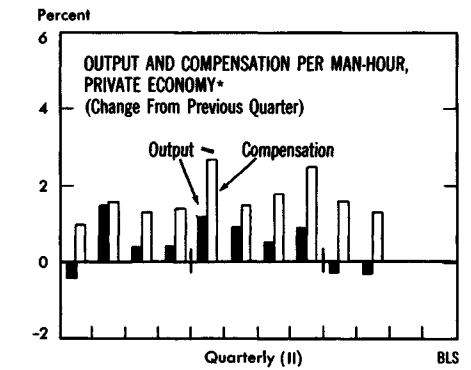
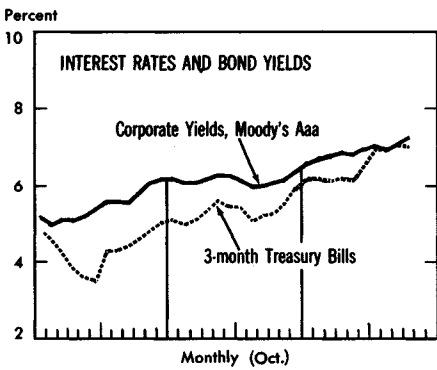
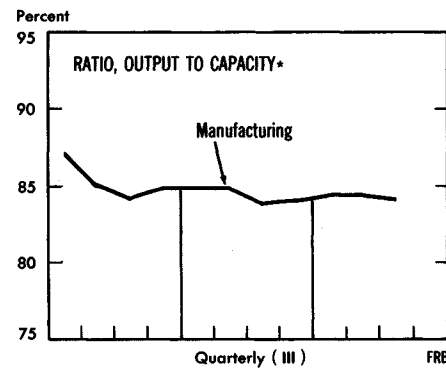
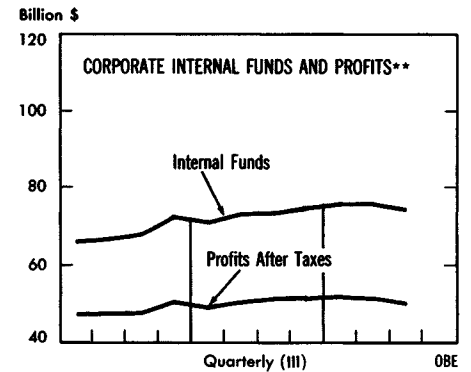
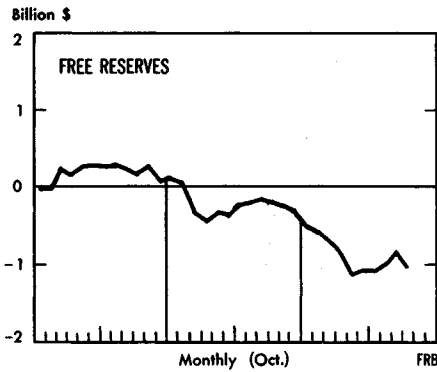
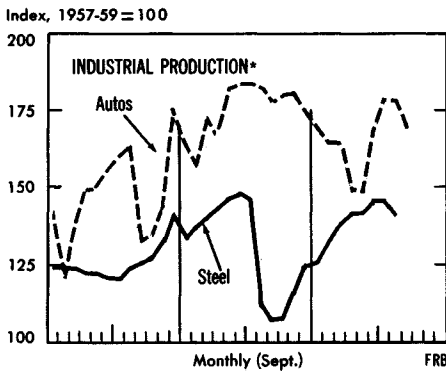
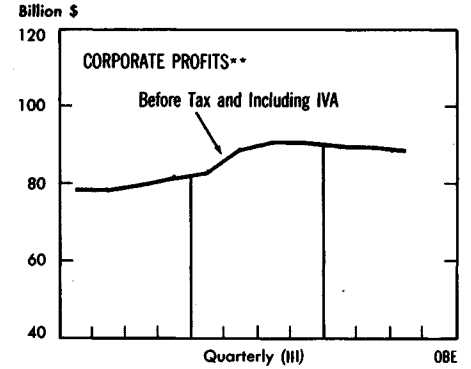
INDUSTRIAL PRODUCTION



MONEY, CREDIT, AND SECURITIES MARKETS



PROFITS AND COSTS



* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates
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NATIONAL INCOME AND PRODUCT TABLES

	1967	1968	1968			1969			1967	1968	1968			1969			
			II	III	IV	I	II	III			II	III	IV	I	II	III	
			Seasonally adjusted at annual rates									Seasonally adjusted at annual rates					
Billions of current dollars									Billions of 1958 dollars								

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

Gross national product.....	793.5	865.7	858.7	876.4	892.5	908.7	924.8	942.8	674.6	707.6	705.8	712.8	718.5	723.1	726.7	730.6
Personal consumption expenditures.....	492.3	536.6	530.3	544.9	550.7	562.0	572.8	579.8	430.3	452.6	449.0	458.2	457.6	462.9	466.2	466.5
Durable goods.....	73.0	83.3	81.8	85.8	86.3	88.4	90.6	89.8	72.8	80.7	79.5	83.0	82.7	84.3	85.9	84.7
Nondurable goods.....	215.1	230.6	228.5	233.3	234.3	238.6	242.1	245.1	190.3	196.9	195.8	198.7	197.2	199.3	199.3	199.3
Services.....	204.2	222.8	220.0	225.8	230.1	235.0	240.1	244.9	167.2	175.0	173.7	176.5	177.7	179.3	181.0	182.5
Gross private domestic investment.....	116.0	126.3	126.6	125.2	133.9	135.2	137.4	143.3	100.8	105.7	106.6	104.1	110.9	109.9	110.8	114.3
Fixed investment.....	108.6	119.0	116.7	118.0	123.4	128.6	130.5	132.5	93.9	99.1	97.6	97.7	101.4	104.0	104.8	105.0
Nonresidential.....	83.7	88.8	86.4	88.1	91.5	95.3	97.8	101.1	73.6	75.8	74.0	75.0	77.3	79.4	81.0	82.4
Structures.....	27.9	29.3	28.3	29.0	30.1	32.3	32.1	34.7	22.6	22.7	22.0	22.2	22.9	23.9	23.3	24.6
Producers' durable equipment.....	55.7	59.5	58.1	59.1	61.4	63.0	65.7	66.4	51.0	53.2	52.0	52.7	54.4	55.5	57.7	57.8
Residential structures.....	25.0	30.2	30.3	29.9	31.9	33.3	32.7	31.4	20.3	23.3	23.5	22.7	24.1	24.6	23.8	22.6
Nonfarm.....	24.4	29.6	29.7	29.4	31.4	32.8	32.2	30.9	19.8	22.8	23.1	22.3	23.7	24.2	23.4	22.2
Farm.....	.6	.5	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4
Change in business inventories.....	7.4	7.3	9.9	7.2	10.5	6.6	6.9	10.7	6.9	6.6	9.0	6.4	9.6	5.9	6.0	9.3
Nonfarm.....	6.8	7.4	10.3	7.5	10.7	6.6	6.7	10.3	6.3	6.7	9.4	6.7	9.8	5.9	5.8	8.9
Farm.....	.6	-.1	-.4	-.3	-.2	.0	.2	.4	.6	-.1	-.3	-.3	-.2	.0	.2	.4
Net exports of goods and services.....	5.2	2.5	3.4	3.6	1.2	1.5	1.6	2.7	3.6	.9	1.3	1.7	-.2	-.3	-.5	.4
Exports.....	46.2	50.6	50.7	53.4	50.6	47.6	57.1	57.8	42.1	45.6	45.2	48.0	45.5	41.9	50.4	50.2
Imports.....	41.0	48.1	47.3	49.7	49.4	46.1	55.5	55.2	38.5	44.7	43.9	46.3	45.7	42.2	50.8	49.8
Government purchases of goods and services.....	180.1	200.3	198.4	202.5	206.7	210.0	212.9	217.0	140.0	148.4	148.9	148.8	150.2	150.6	150.2	149.4
Federal.....	90.7	99.5	99.0	100.9	101.9	101.6	100.6	103.2	74.8	78.9	79.6	79.2	79.4	78.3	76.3	75.5
National defense.....	72.4	78.0	77.9	78.8	79.3	79.0	78.5	80.3								
Other.....	18.4	21.5	21.1	22.1	22.5	22.6	22.1	22.9								
State and local.....	89.3	100.7	99.4	101.7	104.8	108.5	112.3	113.8	65.2	69.5	69.3	69.6	70.8	72.3	73.9	73.9

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

Gross national product.....	793.5	865.7	858.7	876.4	892.5	908.7	924.8	942.8	674.6	707.6	705.8	712.8	718.5	723.1	726.7	730.6
Final sales.....	786.2	858.4	848.8	869.2	882.0	902.1	917.9	932.0	667.7	701.0	696.8	706.3	709.0	717.2	720.7	721.3
Change in business inventories.....	7.4	7.3	9.9	7.2	10.5	6.6	6.9	10.7	6.9	6.6	9.0	6.4	9.6	5.9	6.0	9.3
Goods output.....	398.4	431.1	429.2	437.0	443.5	447.9	456.5	465.9	362.7	381.3	380.8	385.5	388.2	389.1	391.6	395.9
Final sales.....	391.0	423.7	419.3	429.9	433.0	441.3	449.6	455.2	355.7	374.7	371.7	379.1	378.7	383.2	385.7	386.6
Change in business inventories.....	7.4	7.3	9.9	7.2	10.5	6.6	6.9	10.7	6.9	6.6	9.0	6.4	9.6	5.9	6.0	9.3
Durable goods.....	160.9	176.7	175.7	178.8	184.0	186.4	190.3	195.4	152.0	162.8	162.3	164.5	167.8	169.0	171.4	174.7
Final sales.....	157.0	171.4	168.9	173.7	176.6	181.6	185.5	187.8	148.5	158.0	156.2	159.9	161.2	164.8	167.3	168.1
Change in business inventories.....	3.9	5.3	6.8	5.1	7.4	4.8	4.9	7.6	3.5	4.7	6.1	4.5	6.5	4.2	4.1	6.6
Nondurable goods.....	237.5	254.4	253.5	258.3	259.5	261.5	266.2	270.5	210.7	218.6	218.4	221.1	220.5	220.2	220.2	221.2
Final sales.....	234.1	252.3	250.4	256.1	256.4	259.7	264.1	267.4	207.3	216.7	215.5	219.2	217.5	218.4	218.4	218.5
Change in business inventories.....	3.5	2.0	3.1	2.1	3.1	1.8	2.1	3.1	3.4	1.9	2.9	1.9	3.0	1.7	1.9	2.7
Services.....	316.7	347.5	343.4	353.2	358.5	365.8	373.4	381.6	249.1	259.9	258.9	262.4	262.7	264.6	267.0	267.6
Structures.....	78.4	87.1	86.0	86.1	90.6	94.9	94.8	95.3	62.9	66.4	66.2	64.8	67.5	69.3	68.0	67.1

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

Gross national product.....	793.5	865.7	858.7	876.4	892.5	908.7	924.8	942.8	674.6	707.6	705.8	712.8	718.5	723.1	726.7	730.6
Private.....	708.2	770.5	764.9	779.2	794.0	808.5	822.7	836.5	617.0	647.9	646.1	652.6	658.3	662.6	665.8	669.4
Business.....	681.0	740.6	734.6	749.3	763.1	776.7	790.5	804.0	597.3	627.5	625.3	632.1	637.5	641.5	644.8	648.6
Nonfarm.....	656.6	715.7	709.8	724.1	738.4	751.1	763.0	776.4	573.5	604.2	602.3	608.8	614.6	617.8	621.1	624.5
Farm.....	24.4	24.9	24.8	25.2	24.7	25.7	27.6	27.7	23.7	23.3	23.0	23.4	22.9	23.7	23.7	24.1
Households and institutions.....	22.7	25.2	25.4	25.0	26.0	27.2	28.3	28.9	15.4	15.9	16.1	15.7	16.2	16.8	17.2	17.4
Rest of the world.....	4.5	4.7	4.9	4.9	4.9	4.5	3.9	3.6	4.3	4.5	4.7	4.7	4.6	4.3	3.7	3.5
General government.....	85.3	95.2	93.8	97.1	98.5	100.2	102.1	106.2	57.6	59.7	59.8	60.2	60.2	60.5	60.9	61.1

	1967	1968	1968			1969		
			II	III	IV	I	II	III*
			Seasonally adjusted at annual rates					
Billions of dollars								

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

Gross national product.....	793.5	865.7	858.7	876.4	892.5	908.7	924.8	942.8
Less: Capital consumption allowances.....	68.6	73.3	73.0	73.7	74.6	75.9	77.2	78.6
Equals: Net national product.....	725.0	792.4	785.6	802.6	817.9	832.8	847.6	864.2
Less: Indirect business tax and nontax liability.....	70.1	77.9	77.0	79.4	81.4	83.3	85.7	88.0
Business transfer payments.....	3.2	3.4	3.4	3.4	3.5	3.5	3.6	3.6
Statistical discrepancy.....	-1.0	-2.5	-1.6	-3.3	-3.4	-4.2	-6.5	-6.7
Plus: Subsidies less current surplus of government enterprises.....	1.4	.8	.7	1.1	.9	1.1	.9	1.1
Equals: National income.....	654.0	714.4	707.4	724.1	737.3	751.3	765.7	780.5
Less: Corporate profits and inventory valuation adjustment.....	79.2	87.9	88.2	90.6	90.3	89.5	89.2	88.7
Contributions for social insurance.....	42.4	47.0	46.5	47.6	48.6	52.7	53.8	55.1
Wage accruals less disbursements.....	.0	.0	.0	.0	.0	.0	.0	.0
Plus: Government transfer payments to persons.....	48.8	55.8	55.3	56.7	58.1	60.1	61.3	62.5
Interest paid by government (net) and by consumers.....	23.6	26.1	25.7	26.4	27.4	27.9	28.5	28.9
Dividends.....	21.5	23.1	22.9	23.6	23.8	23.8	24.3	24.9
Business transfer payments.....	3.2	3.4	3.4	3.4	3.5	3.5	3.6	3.6
Equals: Personal income.....	629.4	687.9	680.1	696.1	711.2	724.4	740.5	756.5

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

	Billions of current dollars							
	1967	1968	1968	1968	1968	1969	1969	1969
Gross auto product ¹	28.6	35.9	36.3	36.0	37.5	37.5	34.5	38.0
Personal consumption expenditures.....	24.9	30.2	29.2	31.7	31.4	30.9	31.4	32.1
Producers' durable equipment.....	4.4	5.3	5.1	5.6	5.5	5.4	5.5	5.6
Change in dealers' auto inventories.....	- .5	1.0	2.4	- .6	1.5	1.1	- 1.4	1.2
Net exports.....	- .5	- .8	- .7	- 1.0	- 1.2	- .2	- 1.4	- 1.4
Exports.....	1.2	2.0	2.0	2.0	2.0	2.3	2.3	2.4
Imports.....	1.7	2.8	2.7	3.0	3.2	2.5	3.7	3.8
Addenda:								
New cars, domestic ²	25.5	32.4	32.9	32.6	33.9	33.4	30.7	34.2
New cars, foreign.....	2.9	4.3	4.2	4.3	4.7	4.6	5.4	5.5
	Billions of 1958 dollars							
Gross auto product ¹	28.7	35.1	35.6	35.2	36.2	36.2	33.0	36.4
Personal consumption expenditures.....	25.0	29.4	28.6	30.9	30.2	29.7	30.1	30.7
Producers' durable equipment.....	4.5	5.2	5.1	5.5	5.4	5.3	5.4	5.5
Change in dealers' auto inventories.....	- .5	1.0	2.4	- .6	1.5	1.1	- 1.3	1.2
Net exports.....	- .5	- .8	- .7	- 1.0	- 1.2	- .2	- 1.4	- 1.4
Exports.....	1.3	2.0	2.0	2.0	1.9	2.3	2.3	2.4
Imports.....	1.7	2.8	2.8	3.0	3.2	2.5	3.7	3.8
Addenda:								
New cars, domestic ²	26.0	32.1	32.7	32.4	33.3	32.7	30.0	33.4
New cars, foreign.....	3.0	4.3	4.2	4.3	4.6	4.5	5.3	5.3

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.

*Third quarter 1969 corporate profits (and related components and totals) are preliminary and subject to revision next month.

	1967	1968	1968			1969		
			II	III	IV	I	II	III*
			Seasonally adjusted at annual rates					
Billions of dollars								

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

National income	654.0	714.4	707.4	724.1	737.3	751.3	765.7	780.5
Compensation of employees	467.4	513.6	507.0	519.8	532.3	546.0	558.2	571.9
Wages and salaries.....	423.5	465.0	459.0	470.7	482.1	493.3	504.3	516.9
Private.....	337.3	369.0	364.5	372.7	382.8	392.5	402.0	410.2
Military.....	16.2	18.0	17.6	18.7	18.3	18.2	18.4	20.1
Government civilian.....	70.0	78.0	76.8	79.3	80.9	82.5	84.0	86.6
Supplements to wages and salaries.....	43.9	48.6	48.0	49.1	50.2	52.7	53.8	55.0
Employer contributions for social insurance.....	21.8	24.4	24.1	24.7	25.3	27.3	27.9	28.6
Other labor income.....	22.1	24.2	23.9	24.5	25.0	25.5	26.0	26.4
Employer contributions to private pension and welfare funds.....	18.4	20.1	.....	.....	.....	.....	.....	.....
Other.....	3.7	4.1	.....	.....	.....	.....	.....	.....
Proprietors' income	61.9	63.8	63.6	64.1	64.1	64.6	66.5	67.3
Business and professional.....	47.2	49.2	49.2	49.3	49.7	49.7	50.1	50.5
Income of unincorporated enterprises.....	47.5	49.9	.....	.....	.....	.....	.....	.....
Inventory valuation adjustment.....	- .3	- .7	.....	.....	.....	.....	.....	.....
Farm.....	14.7	14.6	14.3	14.8	14.4	14.9	16.4	16.8
Rental income of persons	20.8	21.2	21.2	21.2	21.4	21.5	21.6	21.7
Corporate profits and inventory valuation adjustment	79.2	87.9	88.2	90.6	90.3	89.5	89.2	88.7
Profits before tax.....	80.3	91.1	90.7	91.5	94.5	95.5	95.4	92.4
Profits tax liability.....	33.0	41.3	41.1	41.4	42.9	43.4	43.6	42.4
Profits after tax.....	47.3	49.8	49.7	50.0	51.6	52.2	51.8	50.0
Dividends.....	21.5	23.1	22.9	23.6	23.8	23.8	24.3	24.9
Undistributed profits.....	25.9	26.7	26.7	26.5	27.8	28.4	27.5	25.1
Inventory valuation adjustment.....	- 1.1	- 3.2	- 2.6	- .9	- 4.2	- 6.1	- 6.2	- 3.7
Net interest	24.7	28.0	27.5	28.4	29.3	29.8	30.3	30.9

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

All industries, total	654.0	714.4	707.4	724.1	737.3	751.3	765.7	780.5
Agriculture, forestry, and fisheries.....	21.5	21.9	21.6	22.2	21.9	22.6	24.2	.....
Mining and construction.....	39.4	42.9	42.6	43.1	44.4	45.9	47.8	.....
Manufacturing.....	195.6	215.4	213.9	218.2	222.7	225.3	228.9	.....
Nondurable goods.....	75.7	82.9	82.0	84.2	85.4	86.1	88.3	.....
Durable goods.....	119.9	132.5	131.9	134.1	137.3	139.1	140.5	.....
Transportation.....	25.1	27.2	27.0	27.5	27.8	28.2	28.9	.....
Communication.....	13.1	14.2	13.8	14.4	14.9	15.3	15.6	.....
Electric, gas, and sanitary services.....	12.6	13.7	13.4	14.2	13.9	14.2	14.2	.....
Wholesale and retail trade.....	97.5	105.2	104.5	106.6	107.8	109.5	111.7	.....
Finance, insurance, and real estate.....	72.3	78.2	77.1	79.3	80.9	82.9	84.4	.....
Services.....	78.3	86.1	85.2	86.5	89.3	92.1	93.6	.....
Government and government enterprises.....	94.1	105.0	103.3	107.1	108.7	110.6	112.5	.....
Rest of the world.....	4.5	4.7	4.9	4.9	4.9	4.5	3.9	.....

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

All industries, total	79.2	87.9	88.2	90.6	90.3	89.5	89.2	88.7
Financial institutions	10.5	11.5	11.2	12.1	11.9	12.3	12.7	13.1
Mutual.....	2.0	2.1	.....	.....	.....	.....	.....	.....
Stock.....	8.5	9.4	.....	.....	.....	.....	.....	.....
Nonfinancial corporations	68.8	76.4	76.9	78.5	78.5	77.2	76.5	75.6
Manufacturing.....	39.0	44.4	44.9	45.4	46.2	45.1	44.9	.....
Nondurable goods.....	18.1	19.9	19.8	20.4	20.4	20.3	21.0	.....
Durable goods.....	20.9	24.5	25.1	25.0	25.8	24.7	23.9	.....
Transportation, communication, and public utilities.....	10.8	11.6	11.5	12.0	11.6	11.8	11.7	.....
All other industries.....	19.0	20.4	20.6	21.0	20.7	20.3	19.9	.....

	1967	1968	1968			1969		
			II	III	IV	I	II	III *
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 9.—Gross Corporate Product¹ (1.14)

Gross corporate product.....	450.9	494.2	489.9	501.6	510.7	519.9	530.1	539.5
Capital consumption allowances.....	42.6	45.9	45.8	46.2	46.7	47.7	48.6	49.6
Indirect business taxes plus transfer payments less subsidies.....	40.8	44.8	44.4	45.8	46.6	47.3	48.5	49.8
Income originating in corporate business.....	367.5	403.5	399.7	409.6	417.4	425.0	433.0	440.2
Compensation of employees.....	291.7	318.4	314.5	321.9	329.8	338.2	346.0	353.4
Wages and salaries.....	260.6	284.3	280.8	287.4	294.7	301.3	308.5	315.1
Supplements.....	31.1	34.1	33.8	34.5	35.1	36.9	37.6	38.3
Net interest.....	.2	1.2	1.1	1.3	1.4	1.5	1.6	1.7
Corporate profits and inventory valuation adjustment.....	75.6	83.9	84.1	86.4	86.2	85.2	85.3	85.1
Profits before tax.....	76.7	87.2	86.6	87.3	90.4	91.3	91.6	88.8
Profits tax liability.....	33.0	41.3	41.1	41.4	42.9	43.4	43.6	42.4
Profits after tax.....	43.7	45.8	45.6	45.9	47.5	47.9	48.0	46.4
Dividends.....	20.0	21.5	21.2	21.9	22.2	22.1	22.8	23.4
Undistributed profits.....	23.8	24.3	24.3	24.0	25.3	25.8	25.2	23.0
Inventory valuation adjustment.....	-1.1	-3.2	-2.6	-.9	-4.2	-6.1	-6.2	-3.7
Cash flow, gross of dividends.....	86.4	91.7	91.4	92.1	94.2	95.6	96.6	96.0
Cash flow, net of dividends.....	66.4	70.2	70.1	70.2	72.1	73.5	73.8	72.5
Gross product originating in financial institutions.....	20.4	22.8	22.3	23.6	23.9	24.9	25.6	26.3
Gross product originating in nonfinancial corporations.....	430.6	471.4	467.7	478.0	486.8	495.0	504.5	513.3
Capital consumption allowances.....	41.4	44.6	44.5	44.9	45.4	46.4	47.3	48.2
Indirect business taxes plus transfer payments less subsidies.....	39.1	43.0	42.5	43.9	44.7	45.3	46.5	47.8
Income originating in nonfinancial corporations.....	350.1	383.8	380.6	389.2	396.7	403.3	410.7	417.3
Compensation of employees.....	275.8	300.6	297.0	303.7	311.0	318.7	326.2	333.2
Wages and salaries.....	246.6	268.6	265.4	271.5	278.2	284.2	291.1	297.3
Supplements.....	29.2	31.9	31.6	32.2	32.8	34.5	35.1	35.8
Net interest.....	9.1	10.9	10.7	11.1	11.4	11.7	11.9	12.2
Corporate profits and inventory valuation adjustment.....	65.2	72.4	72.9	74.3	74.3	72.9	72.6	72.0
Profits before tax.....	66.3	75.6	75.4	75.2	78.5	79.0	78.8	75.7
Profits tax liability.....	28.2	35.6	35.5	35.5	37.0	37.2	37.2	35.8
Profits after tax.....	38.1	40.0	39.9	39.7	41.5	41.8	41.6	39.9
Dividends.....	19.1	20.4	20.1	20.7	20.9	20.9	21.5	22.1
Undistributed profits.....	19.0	19.6	19.8	19.0	20.6	20.9	20.1	17.8
Inventory valuation adjustment.....	-1.1	-3.2	-2.6	-.9	-4.2	-6.1	-6.2	-3.7
Cash flow, gross of dividends.....	79.5	84.6	84.4	84.7	86.9	88.1	88.9	88.1
Cash flow, net of dividends.....	60.4	64.2	64.3	63.9	66.0	67.2	67.4	66.0
Billions of 1958 dollars								
Gross product originating in nonfinancial corporations.....	390.5	415.9	413.9	420.8	425.1	427.7	431.9	434.7
Dollars								
Current dollar cost per unit of 1958 dollar gross product originating in nonfinancial corporations ²	1.103	1.133	1.130	1.136	1.145	1.157	1.168	1.181
Capital consumption allowances.....	.106	.107	.108	.107	.107	.108	.109	.111
Indirect business taxes plus transfer payments less subsidies.....	.100	.103	.103	.104	.105	.106	.108	.110
Compensation of employees.....	.706	.723	.718	.722	.732	.745	.755	.766
Net interest.....	.023	.026	.026	.026	.027	.027	.028	.028
Corporate profits and inventory valuation adjustment.....	.167	.174	.176	.177	.175	.170	.168	.166
Profits tax liability.....	.072	.086	.086	.084	.087	.087	.086	.082
Profits after tax plus inventory valuation adjustment.....	.095	.088	.090	.092	.088	.083	.082	.083

	1967	1968	1968			1969		
			II	III	IV	I	II	III
			Seasonally adjusted at annual rates					
Billions of dollars								

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

Personal income.....	629.4	687.9	680.1	696.1	711.2	724.4	740.5	756.5
Wage and salary disbursements.....	423.5	465.0	459.0	470.7	482.1	493.3	504.3	516.9
Commodity-producing industries.....	166.5	181.5	179.3	183.0	187.8	191.5	196.5	200.5
Manufacturing.....	134.2	145.9	144.2	147.4	150.7	153.3	156.6	159.9
Distributive industries.....	100.3	109.2	107.9	110.8	113.1	115.5	118.3	121.1
Service industries.....	70.5	78.3	77.3	78.9	82.0	85.4	87.1	88.7
Government.....	86.2	96.0	94.5	97.9	99.2	100.8	102.4	106.6
Other labor income.....	22.1	24.2	23.9	24.5	25.0	25.5	26.0	26.4
Proprietors' income.....	61.9	63.8	63.6	64.1	64.1	64.6	66.5	67.3
Business and professional.....	47.2	49.2	49.2	49.3	49.7	49.7	50.1	50.5
Farm.....	14.7	14.6	14.3	14.8	14.4	14.9	16.4	16.8
Rental income of persons.....	20.8	21.2	21.2	21.2	21.4	21.5	21.6	21.7
Dividends.....	21.5	23.1	22.9	23.6	23.8	23.8	24.3	24.9
Personal interest income.....	48.3	54.1	53.2	54.8	56.7	57.6	58.8	59.8
Transfer payments.....	52.0	59.2	58.7	60.1	61.6	63.6	64.9	66.1
Old-age, survivors, disability, and health insurance benefits.....	25.7	30.3	30.3	30.9	31.8	32.4	32.9	33.3
State unemployment insurance benefits.....	2.1	2.1	1.9	2.1	2.0	2.2	1.9	2.2
Veterans benefits.....	6.6	7.2	7.2	7.1	7.3	7.8	8.2	8.4
Other.....	17.6	19.7	19.4	20.0	20.5	21.3	21.9	22.2
Less: Personal contributions for social insurance.....	20.6	22.6	22.4	22.9	23.3	25.4	25.9	26.6
Less: Personal tax and nontax payments.....	82.9	97.9	92.7	102.6	107.0	114.2	118.5	117.5
Equals: Disposable personal income.....	546.5	590.0	587.4	593.4	604.3	610.2	622.0	639.0
Less: Personal outlays.....	506.2	551.6	545.1	560.2	566.2	577.7	588.8	596.0
Personal consumption expenditures.....	492.3	536.6	530.3	544.9	550.7	562.0	572.8	579.8
Interest paid by consumers.....	13.1	14.2	14.0	14.4	14.7	15.0	15.2	15.4
Personal transfer payments to foreigners.....	.8	.8	.7	.8	.7	.7	.7	.8
Equals: Personal saving.....	40.4	38.4	42.3	33.2	38.0	32.5	33.3	43.1
Addenda:								
Disposable personal income:								
Total, billions of 1958 dollars.....	477.7	497.6	497.4	498.9	502.1	502.6	506.2	514.1
Per capita, current dollars.....	2,745	2,933	2,924	2,946	2,991	3,014	3,065	3,140
Per capita, 1958 dollars.....	2,399	2,474	2,476	2,477	2,485	2,482	2,494	2,526
Personal saving rate, ³ percent.....	7.4	6.5	7.2	5.6	6.3	5.3	5.3	6.7

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

Personal consumption expenditures.....	492.3	536.6	530.3	544.9	550.7	562.0	572.8	579.8
Durable goods.....	73.0	83.3	81.8	85.8	86.3	88.4	90.6	89.8
Automobiles and parts.....	30.5	37.0	35.6	38.6	39.0	39.4	40.0	40.8
Furniture and household equipment.....	31.3	34.2	33.8	35.0	34.6	35.5	36.8	35.8
Other.....	11.2	12.1	12.4	12.1	12.8	13.6	13.8	13.2
Nondurable goods.....	215.1	230.6	228.5	233.3	234.3	238.6	242.1	245.1
Food and beverages.....	108.1	115.0	114.8	116.1	116.4	118.4	119.1	119.9
Clothing and shoes.....	42.5	46.3	45.6	47.4	47.3	48.1	50.0	50.8
Gasoline and oil.....	17.7	19.1	18.8	19.5	19.5	20.4	21.0	21.8
Other.....	46.8	50.1	49.4	50.3	51.1	51.8	52.0	52.7
Services.....	204.2	222.8	220.0	225.8	230.1	235.0	240.1	244.9
Housing.....	71.8	77.4	76.7	77.9	79.8	81.3	82.8	84.4
Household operation.....	29.1	31.2	30.7	31.6	31.9	32.7	33.1	33.9
Transportation.....	14.7	16.1	15.9	16.3	16.5	17.1	17.3	17.7
Other.....	88.6	98.1	96.7	100.0	101.8	103.9	106.9	108.8

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

Receipts from foreigners.....	46.2	50.6	50.7	53.4	50.6	47.6	57.1	57.8
Exports of goods and services.....	46.2	50.6	50.7	53.4	50.6	47.6	57.1	57.8
Payments to foreigners.....	46.2	50.6	50.7	53.4	50.6	47.6	57.1	57.8
Imports of goods and services.....	41.0	48.1	47.3	49.7	49.4	46.1	55.5	55.2
Transfers to foreigners.....	3.0	2.9	2.8	3.1	3.1	2.4	2.8	2.6
Personal.....	.8	.8	.7	.8	.7	.7	.7	.8
Government.....	2.2	2.1	2.0	2.3	2.4	1.7	2.1	1.8
Net foreign investment.....	2.2	-.3	.6	.6	-1.9	-1.0	-1.2	.0

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.

*Third quarter 1969 corporate profits (and related components and totals) are preliminary and subject to revision next month.

	1967	1968	1968			1969		
			II	III	IV	I	II	III *
			Seasonally adjusted at annual rates					
Billions of dollars								

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

Federal Government receipts	151.1	176.3	170.8	181.4	187.3	198.1	202.3	209.9
Personal tax and nontax receipts.....	67.5	79.5	74.7	83.7	87.4	93.8	96.9	95.0
Corporate profits tax accruals.....	30.6	38.3	38.1	38.4	39.8	40.2	40.5	39.4
Indirect business tax and nontax accruals.....	16.3	18.0	17.9	18.3	18.5	18.5	18.6	19.1
Contributions for social insurance.....	36.7	40.5	40.1	40.9	41.7	45.6	46.4	47.5
Federal Government expenditures	163.8	181.5	180.3	184.2	187.4	188.5	189.3	193.6
Purchases of goods and services.....	90.7	99.5	99.0	100.9	101.9	101.6	100.6	103.2
National defense.....	72.4	78.0	77.9	78.8	79.3	79.0	78.5	80.3
Other.....	18.4	21.5	21.1	22.1	22.5	22.6	22.1	22.9
Transfer payments.....	42.2	47.8	47.6	48.7	50.0	50.8	52.1	52.7
To persons.....	40.0	45.7	46.5	46.5	47.6	49.1	50.0	50.9
To foreigners (net).....	2.2	2.1	2.0	2.3	2.4	1.7	2.1	1.8
Grants-in-aid to State and local governments.....	15.9	18.3	18.2	18.4	19.0	19.0	19.3	19.8
Net interest paid.....	10.3	11.6	11.4	11.7	12.2	12.5	12.9	13.1
Subsidies less current surplus of government enterprises.....	4.7	4.3	4.1	4.6	4.4	4.6	4.4	4.6
Surplus or deficit (-), national income and product accounts	-12.7	-5.2	-9.5	-2.8	-1	9.6	13.0	7.3

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

State and local government receipts	93.2	106.2	104.7	108.0	111.4	114.5	118.5	121.9
Personal tax and nontax receipts.....	15.4	18.4	18.0	18.9	19.5	20.5	21.5	22.5
Corporate profits tax accruals.....	2.4	3.0	3.0	3.0	3.1	3.1	3.1	3.0
Indirect business tax and nontax accruals.....	53.8	59.9	59.2	61.1	62.9	64.8	67.1	68.9
Contributions for social insurance.....	5.7	6.5	6.4	6.6	6.9	7.1	7.4	7.7
Federal grants-in-aid.....	15.9	18.3	18.2	18.4	19.0	19.0	19.3	19.8
State and local government expenditures	95.0	107.6	106.0	108.7	112.2	116.3	120.5	122.2
Purchases of goods and services.....	89.3	100.7	99.4	101.7	104.8	108.5	112.3	113.8
Transfer payments to persons.....	8.8	10.0	9.8	10.2	10.5	11.0	11.3	11.6
Net interest paid.....	.2	.3	.3	.3	.4	.4	.4	.4
Less: Current surplus of government enterprises.....	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.6
Surplus or deficit (-), national income and product accounts	-1.8	-1.5	-1.3	-7	-8	-1.8	-2.1	-3

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

Gross private saving	133.7	135.1	139.6	132.6	136.3	130.7	131.8	143.0
Personal saving.....	40.4	38.4	42.3	33.2	38.0	32.5	33.3	43.1
Undistributed corporate profits.....	25.9	26.7	26.7	26.5	27.8	28.4	27.5	25.1
Corporate inventory valuation adjustment.....	-1.1	-3.2	-2.6	-9	-4.2	-6.1	-6.2	-3.7
Corporate capital consumption allowances.....	42.6	45.9	45.8	46.2	46.7	47.7	48.6	49.6
Noncorporate capital consumption allowances.....	26.0	27.4	27.2	27.5	27.9	28.2	28.6	29.0
Wage accruals less disbursements.....	.0	.0	.0	.0	.0	.0	.0	.0
Government surplus or deficit (-), national income and product accounts	-14.5	-6.7	-10.8	-3.5	-9	7.8	10.9	7.0
Federal.....	-12.7	-5.2	-9.5	-2.8	-1	9.6	13.0	7.3
State and local.....	-1.8	-1.5	-1.3	-7	-8	-1.8	-2.1	-3
Gross investment	118.2	125.9	127.2	125.8	132.0	134.2	136.2	143.3
Gross private domestic investment.....	116.0	126.3	126.6	125.2	133.9	135.2	137.4	143.3
Net foreign investment.....	2.2	-3	.6	.6	-1.9	-1.0	-1.2	.0
Statistical discrepancy	-1.0	-2.5	-1.6	-3.3	-3.4	-4.2	-6.5	-6.7

*Third quarter 1969 corporate profits (and related components and totals) are preliminary and subject to revision next month.

	1967	1968	1968			1969		
			II	III	IV	I	II	III
			Seasonally adjusted					
Index numbers, 1958=100								

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

Gross national product	117.6	122.3	121.7	122.9	124.2	125.7	127.3	129.0
Personal consumption expenditures	114.4	118.6	118.1	118.9	120.4	121.4	122.9	124.3
Durable goods.....	100.3	103.3	102.9	103.4	104.5	104.9	105.5	106.0
Nondurable goods.....	113.0	117.1	116.7	117.5	118.8	119.8	121.5	123.0
Services.....	122.1	127.3	126.6	127.9	129.5	131.0	132.7	134.2
Gross private domestic investment								
Fixed investment.....	115.7	120.0	119.6	120.8	121.7	123.7	124.5	126.2
Nonresidential.....	113.7	117.1	116.7	117.6	118.4	120.1	120.8	122.7
Structures.....	123.6	129.3	128.7	130.6	131.4	135.3	137.8	141.0
Producers' durable equipment.....	109.2	111.9	111.6	112.1	113.0	113.9	114.9	
Residential structures.....	123.1	129.7	128.7	131.5	132.4	135.3	137.1	138.8
Nonfarm.....	123.1	129.8	128.7	131.6	132.5	135.4	137.2	138.9
Farm.....	122.8	126.9	126.1	126.2	126.1	127.5	130.4	132.3
Change in business inventories.....								
Net exports of goods and services								
Exports.....	109.7	110.9	112.1	111.3	111.3	113.5	113.4	115.2
Imports.....	106.5	107.6	107.8	107.5	108.2	109.2	109.2	110.8
Government purchases of goods and services	128.7	135.0	133.3	136.2	137.6	139.5	141.8	145.3
Federal.....	121.3	126.2	124.5	127.4	128.3	129.8	131.9	136.8
State and local.....	137.1	145.0	143.4	146.2	148.1	150.1	151.9	153.9

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

Gross national product	117.6	122.3	121.7	122.9	124.2	125.7	127.3	129.0
Goods output	109.9	113.0	112.7	113.4	114.2	115.1	116.6	117.7
Durable goods.....	105.9	108.5	108.2	108.7	109.7	110.3	111.1	111.9
Nondurable goods.....	112.7	116.4	116.1	116.8	117.7	118.8	120.9	122.3
Services	127.2	133.7	132.7	134.6	136.4	138.2	139.8	142.6
Structures	124.6	131.1	130.0	132.9	134.1	137.0	139.4	142.0
Addendum:								
Gross auto product	99.7	102.5	101.9	102.3	103.6	103.7	104.4	104.4

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

Gross national product	117.6	122.3	121.7	122.9	124.2	125.7	127.3	129.0
Private	114.8	118.9	118.4	119.4	120.6	122.0	123.6	125.0
Business.....	114.0	118.0	117.5	118.5	119.7	121.1	122.6	124.0
Nonfarm.....	114.5	118.5	117.8	118.9	120.1	121.6	122.8	124.3
Farm.....	102.9	106.8	106.0	107.8	107.9	108.5	116.3	115.0
Households and institutions.....	147.2	158.6						
General government	148.1	159.4	156.9	161.3	163.6	165.6	167.5	173.7

HISTORICAL DATA

Historical national income and product data are available from the following sources:

1965-68: July 1969 SURVEY OF CURRENT BUSINESS.

1964: July 1968 SURVEY OF CURRENT BUSINESS.

1929-63: *The National Income and Product Accounts of the United States, 1929-65, Statistical Tables* (available from any U.S. Department of Commerce Field Office or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, price \$1.00 per copy).

then rose to 9.7 million in the second quarter and held at this rate in the third. Although sales of domestic and imported cars fell relatively the same amount in the 6 months ending last March, imports rose faster than domestics in the 6-month period ending in September. Imports accounted for over 11 percent of total sales in the recent June-September period, as compared with 10 percent a year earlier.

Sales of new domestic cars moved up sharply during the third quarter of this year, to reach a seasonally adjusted annual rate of almost 9½ million in September—the highest monthly figure in over 3 years. Although this rate was not sustained during October—partly due to strike-induced shortages of certain models—sales continued high and registered an annual rate of 8¾ million cars.

Producers started the 1970 model year at a high level of output. During the summer, assemblies were at a seasonally adjusted annual rate of 9 million units, as compared with 8 million in the second quarter. However, in the latter part of the third quarter and in October, strikes at several plants reduced production by about 100,000 units.

Price pressures continue strong

Inflationary pressures continued strong last month and the Wholesale Price Index recorded its sharpest rise since last June. After increasing 0.1 percent in July and August, and 0.2 percent in September, wholesale prices rose 0.4 percent in October. All of last month's increase centered in industrial commodities. Prices for farm products declined—for the fourth consecutive month—but this was offset by prices for processed foods and feeds, which were higher after declining in both August and September. Increases were widespread among the industrial commodities. An unusually sharp rise of 2.3 percent was recorded in transportation equipment prices, most of which occurred in the motor vehicle component.

Consumer prices rose about 0.5 percent in September (the latest month for which data are available); this was a little more than the rise in

August, but about the same as the average advance during the first 8 months of this year. Services and nondurable commodities accounted for all of the September increase. Most of the rise in nondurable commodities occurred in apparel, while the rise in food prices slowed noticeably.

Credit restraint severe

During October, the monetary authorities maintained very stringent conditions in money and credit markets. Continuing the pattern that has been evident since last July, most broad measures of monetary policy registered little change. Total member bank reserves, seasonally adjusted, dipped slightly last month, member bank borrowing increased, excess reserves declined, and net borrowed reserves averaged \$1 billion, up from \$830 million in September. The money stock (currency and private demand deposits)

rose slightly, and time deposits, reflecting the continued contraction in certificate of deposit funds, declined.

Commercial bank credit, seasonally adjusted, was unchanged in October. Bank loans, notably security loans, advanced at a more rapid pace than that which had prevailed since midyear, but larger declines were recorded in bank investments in U.S. Government and other securities.

After rising sharply in September, interest rates and bond yields responded favorably to renewed peace rumors and to expectations that a slowing in the pace of economic activity would permit some near-term letup in credit restraints. Interest rates declined during the first 3 weeks of October, but as optimism concerning lower rates faded, they turned about and moved upward during late October and early November. By mid-November, most interest rates and bond yields were very close to their levels at the end of September.

Corporate Profits, Internal Funds, and Investment

Preliminary figures for the third quarter show a sharp drop in corporate book profits from the second quarter, and a continuation of the decline in profits as measured for national income purposes. The latter decline, which started last fall, was reflected in a moderate reduction in internal sources of funds of non-financial corporations. Investment outlays of these corporations moved up in 1969, and the excess of fixed investment over internal funds has been high by historical standards.

CORPORATE profits as measured for national income purposes dipped \$½ billion from the second quarter to a total of \$88¼ billion at seasonally adjusted annual rates in the third. This profits measure—which is before-

tax and excludes inventory profits and losses—has declined steadily since the fourth quarter of 1968, and is now down \$2 billion, or 2 percent, from the peak attained in the summer quarter of 1968.

In the third quarter, the drop was confined to nonfinancial corporations, whose profits fell \$1 billion to a total of \$75½ billion; financial institutions' profits continued to rise and reached a total of over \$13 billion. Profits fell most in nondurable goods manufacturing, and were also off in the "all other industries" group. They were higher in durable goods manufacturing and in the transportation, communications, and public utility group.

This broad pattern of decline in nonfinancial corporation profits and strength in financial institution profits

was also evident earlier this year. However, in the first half of 1969, profits of durable goods manufacturers had declined and nondurable goods profits had advanced.

The decline shown by corporate profits (including the inventory valuation adjustment) over the past year was in marked contrast with the behavior of "book" profits, which continued to rise last fall and winter, were essentially unchanged in the second quarter, and then dropped sharply in the third. The different movement in the two profit measures reflected the fact that earlier this year book profits were inflated by an understatement of cost of goods sold. This stems from the use of first-in-first-out accounting in an environment of accelerating increases in prices of goods included in inventories, particularly raw materials. When the rate of advance in raw materials prices slowed in the third quarter, the understatement of costs was much reduced, and book profits

declined towards the level of corporate profits as measured for national income purposes.

The fall in book profits in the third quarter amounted to \$3 billion and brought the total down to \$92½ billion. Approximately \$1¼ billion of the third quarter drop in book profits was absorbed by lower income tax liabilities. With dividends rising about \$½ billion, book undistributed profits fell \$2½ billion.

Costs up sharply

The decline in the profits of non-financial corporations over the past year occurred despite an increase in sales. The reduction was entirely due to a narrowing of profit margins as unit labor and nonlabor costs rose faster than selling prices (chart 8). Since the third quarter 1968 peak in profits, prices per unit of constant-dollar gross corporate product increased 4 percent, unit labor costs rose more than 6 percent, and unit nonlabor costs were up 5 percent. In consequence, profits per unit of gross corporate output fell 6 percent over this period.

The narrowing of profit margins of nonfinancial corporations over the past year marked an intensification of the trend which began at the end of 1965 (chart 9). From the fourth quarter of that year to the third quarter of 1968, unit prices rose at an average annual rate of 2¼ percent, while unit labor costs were up 3½ percent and unit nonlabor costs rose 3¼ percent. The decline in unit profits during this period averaged 1¼ percent a year.

Before-tax profit margins, expressed as a percent of gross corporate product, fell from a peak of 17.3 percent in the fourth quarter of 1965 to 15.5 percent by the third quarter of 1968 and to 14 percent in the third quarter of this year.

The pressure on after-tax profit margins has been even more pronounced. The third quarter 1969 after-tax unit profit of 8.3 cents was 20 percent below the peak attained in late 1965, while before-tax unit profits were off only about 9 percent. The greater tax burden in 1969 as compared with 1965 reflected mainly the imposition of the surtax in 1968.

Investment exceeds internal funds

The internal funds of nonfinancial corporations fell almost \$1 billion over the past year, as a \$4 billion reduction in undistributed profits (including IVA) more than offset a \$3¼ billion increase in capital consumption allowances. Over the same period, corporate plant and equipment outlays moved up sharply,

CHART 7

Corporate Profits

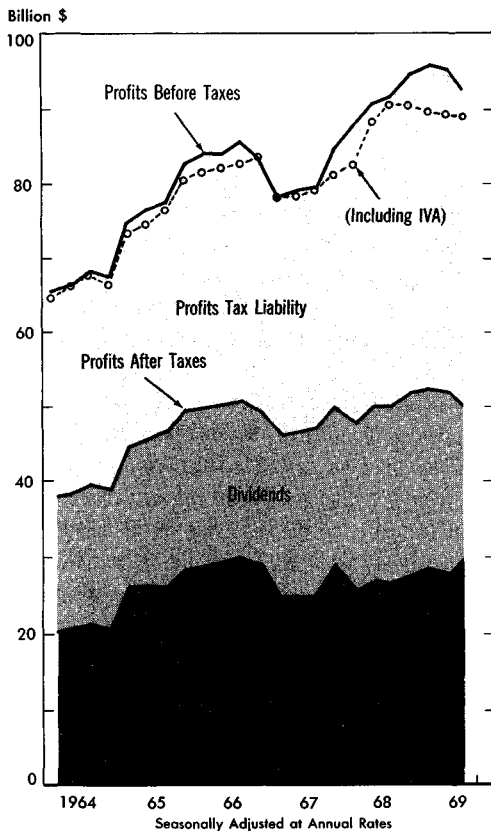
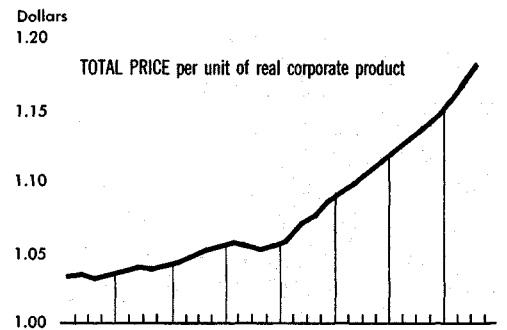


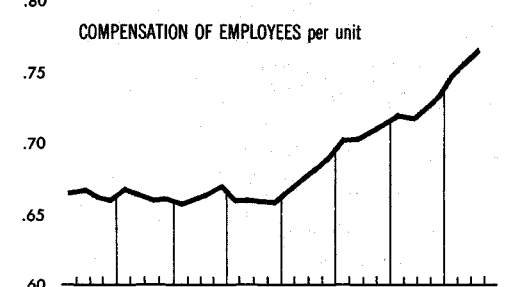
CHART 8

Prices, Costs, and Profits Per Unit of Real Corporate Product

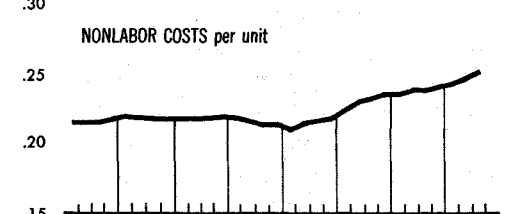
Prices rose sharply again in the third quarter . . .



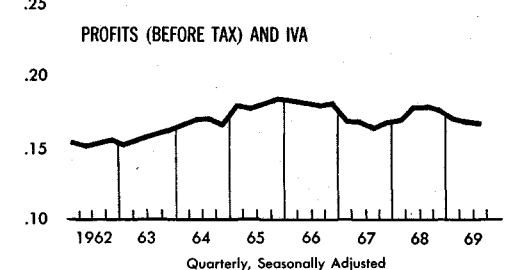
as unit labor costs . . .



and nonlabor costs advanced



Unit profits declined



Note.—Nonfinancial corporations only.

and, by the third quarter of 1969, such outlays were \$11 billion above the year earlier total. Reflecting these divergent movements, the ratio of internal sources to fixed investment outlays declined from 96½ percent in the third quarter of 1968 to 82 percent in the third quarter of this year. Most of this drop occurred in the first quarter.

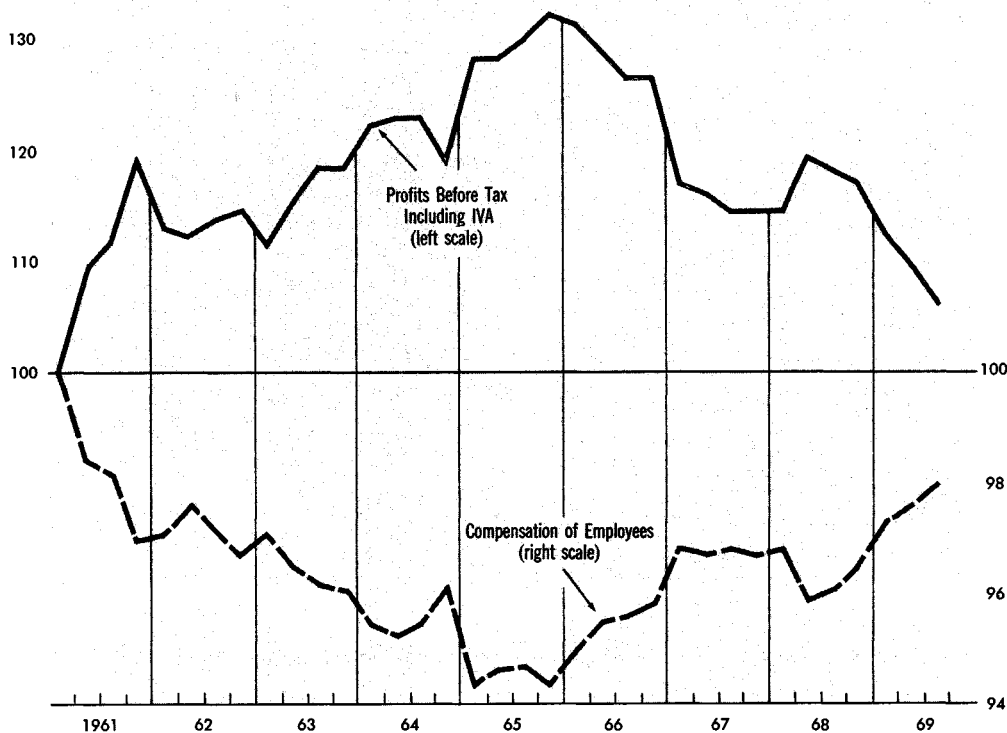
Inventory and other working capital needs also moved up sharply over the past year. The conjunction of a rapid increase in investment and working capital needs and a modest decline in internal sources led corporations to increase their borrowing during the first half of 1969, and to reduce the rate at which they acquired liquid assets. The step-up in borrowing was centered in the shorter term categories: borrowing from banks and commercial paper. Bond flotations were up only moderately and mortgage borrowing declined.

The slowdown in total liquid asset acquisitions was accompanied by a large shift in the composition of liquid asset portfolios. There occurred a heavy liquidation of time deposits and a shift to open-market paper and short-term municipal obligations. These changes were made in large part in order to maximize yields.

Shares of Profits and Employee Compensation in Corporate Gross Product

- Since late 1965, profits have been declining relative to output while employee compensation has been increasing

Index, 1961 1st Quarter Distribution = 100
140



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

69-11-9

Note on Revisions in the Sources and Uses of Funds, Nonfarm Nonfinancial Corporations

Revised statistics for the sources and uses of funds of nonfarm nonfinancial corporations may be found on pages 14 and 15; annual figures are shown from 1946 through 1968 and quarterly figures at seasonally adjusted annual rates from the first quarter of 1952 through the second quarter of 1969. These statistics reflect the comprehensive revisions in the sectoral allocation of investment and in the financial flow estimates introduced by the Board of Governors of the Federal Reserve System in the November 1969 *Federal Reserve Bulletin*. The revision also brings the estimates of purchases of physical assets and internal sources into line with the revised national income and product account data published in the July 1969 SURVEY OF CURRENT BUSINESS.

Table 1.—Sources and Uses of Funds, Nonfarm Nonfinancial Corporate Business, Annually, 1946-68

Line No.	[Billions of dollars]																						
	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
1	18.8	23.5	28.3	19.6	41.9	39.5	32.1	30.3	29.3	54.2	47.5	43.3	44.2	57.9	48.1	56.6	64.9	67.1	71.8	93.1	100.6	94.2	110.4
2	7.8	12.6	18.7	19.1	17.9	19.9	21.2	21.1	23.3	29.2	28.9	30.6	29.5	35.0	34.4	35.6	41.8	43.9	50.5	56.6	61.2	61.2	63.1
3	8.5	12.8	14.0	9.5	14.3	11.1	9.0	9.3	9.0	13.9	13.2	11.8	8.3	12.6	10.0	10.2	12.4	13.6	18.3	23.1	24.7	21.2	22.0
4	-5.3	-5.9	-2.2	1.9	-5.0	-1.2	1.0	-1.0	-3	-1.7	-2.7	-1.5	-3	-5	2	-1	3	-5	-5	-1.7	-1.8	-1.1	-3.2
5	4.6	5.7	6.8	7.8	8.6	10.0	11.2	12.9	14.6	17.0	18.4	20.3	21.4	22.9	24.2	25.4	29.2	30.8	32.8	35.2	38.2	41.2	44.3
6	10.9	15.9	9.7	5	24.0	19.6	11.0	9.2	5.9	25.1	18.5	12.8	14.7	22.9	13.7	21.0	23.1	23.2	21.3	36.5	39.4	33.0	47.3
7	1.1	1.2	1.0	1.3	1.4	1.9	2.3	1.8	1.6	1.9	2.3	2.4	2.1	2.2	1.6	2.5	6	-3	1.4	0	1.2	2.3	-8
8	1.0	2.8	4.3	2.9	1.6	3.3	4.7	3.4	3.5	2.8	3.6	6.3	5.7	3.0	3.5	4.6	4.6	3.9	4.0	5.4	10.2	14.7	12.9
9	1.5	1.6	1.1	.9	.9	.8	.9	.8	1.6	1.8	1.6	1.6	2.9	3.0	2.5	3.9	4.5	4.9	3.6	3.9	4.2	4.5	5.8
10	3.8	2.9	1	-2.0	3.4	4.2	2.1	-4	-7	4.0	5.3	1.2	-3	3.5	1.9	.7	3.0	3.7	3.8	10.6	8.4	6.4	9.6
11	-1	-1	0	0	.1	.3	-5	-2	0	.1	.5	-2	-3	1.9	.6	0	.2	.9	.6	1.4	1.4	3.6	3.6
12	2.6	3.4	1.5	-1.3	8.2	2.9	2.3	.3	1.6	7.9	4.7	6	4.7	5.5	6	5.4	4.6	5.3	3.6	9.1	7.3	2.6	5.7
13	-2.0	2.5	.9	-2.4	7.5	4.7	-3.3	.6	-3.3	4.1	-2.0	-2.1	-2.6	2.4	-2.2	1.4	.6	1.9	.5	2.2	.2	-4.1	3.7
14	3.2	1.6	.8	1.1	.8	1.5	2.5	2.5	1.7	2.5	2.9	2.2	2.4	3.6	4.0	1.7	5.2	3.7	3.5	4.6	6.5	5.2	6.9
15	18.0	26.3	25.5	19.1	41.9	37.6	30.7	27.1	27.4	50.1	42.2	40.7	40.5	53.1	43.7	52.2	60.0	63.2	64.9	85.8	92.5	85.9	103.5
16	17.9	17.2	20.3	15.3	24.1	29.9	24.4	24.6	21.6	31.5	35.9	34.7	27.3	36.9	39.0	36.7	44.0	45.6	52.1	62.8	77.1	72.5	76.9
17	11.4	15.0	17.5	16.0	17.8	21.0	21.6	23.3	22.5	25.8	30.7	33.4	28.4	31.1	34.9	33.2	37.0	38.6	44.1	52.8	61.6	63.8	68.0
18	.6	1.0	.7	1.1	1.5	.3	.6	.5	1.1	.8	.4	.7	1.4	1.7	1.1	1.9	2.3	2.6	2.1	2.0	1.1	2.2	2.3
19	6.0	1.2	2.1	-1.7	4.8	8.6	2.2	.8	-1.9	4.9	4.9	.6	-2.5	4.1	3.0	1.5	4.7	4.3	5.9	7.9	14.4	6.4	6.5
20	.1	9.1	5.2	3.7	17.8	7.7	6.3	2.5	5.8	18.6	6.3	6.0	13.2	16.2	4.7	15.6	16.0	17.7	12.8	23.1	15.5	13.5	26.6
21	-4.8	1.1	1.1	3.2	4.5	2.8	.3	2.1	.1	5.5	-4.1	-2	2.7	5.6	-3.2	3.7	3.5	4.7	1.2	1.7	1.9	.6	10.1
22	1.0	2.2	.2	1.0	1.5	1.7	.8	1	2.0	1.0	1	0	1.5	-1.0	-5	1.7	-9	-8	-2.3	-1.5	-7	-2.2	1.3
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	-5.8	-1.2	.7	2.0	2.9	.9	-7	1.6	-2.3	4.2	-4.5	-4	0	6.6	-5.4	-2	.5	.5	-1.6	-1.6	-1.2	-2.5	1.8
25	.1	.1	1	1	0	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	.0	.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
28	3.7	6.3	2.6	-7	11.8	3.7	4.3	-8	4.6	11.4	7.5	2.8	8.3	7.7	5.3	9.5	8.5	8.1	8.1	15.1	11.3	8.8	14.8
29	.6	1.0	.9	.9	.8	.7	.9	.9	.8	1.1	2.4	3.0	1.7	2.0	2.2	2.1	3.2	3.9	2.2	5.1	1.0	3.2	.1
30	-7	-2.2	-2.8	-.5	.0	-1.8	-1.4	-3.2	-1.8	-4.2	-5.2	-2.7	-3.7	-4.8	-4.3	-4.3	-5.0	-3.8	-6.9	-7.2	-8.0	-8.2	-6.9

Table 1.—Sources and Uses of Funds, Nonfarm Nonfinancial Corporate Business, Seasonally Adjusted Quarterly Totals at Annual Rates, 1958-62

Line No.	[Billions of dollars]																			
	1958				1959				1960				1961				1962			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1	27.6	37.5	53.3	58.5	59.3	66.9	47.3	58.3	56.3	48.2	44.1	43.9	44.6	57.4	54.4	70.0	68.1	63.5	70.2	58.0
2	27.0	27.7	30.0	33.2	34.1	36.7	34.1	35.0	36.0	35.1	34.1	32.5	32.3	35.5	36.2	38.4	41.4	41.1	41.7	43.0
3	5.9	6.2	8.8	12.3	12.9	15.2	11.6	10.6	12.4	11.1	8.7	7.9	7.6	9.7	10.8	12.6	12.7	12.1	12.3	12.5
4	-2	-3	-2	-9	-8	-1.3	-5	-7	-6	-2	1.2	.5	-1	.5	-3	-3	-1	.0	.0	.9
5	21.3	21.2	21.5	21.8	22.0	22.8	23.0	23.8	24.2	24.1	24.2	24.2	24.7	25.3	25.6	26.1	28.8	29.0	29.3	29.7
6	.6	9.8	23.2	25.3	25.2	30.2	13.2	23.2	20.3	13.2	10.1	11.4	12.3	21.9	18.3	31.6	26.7	22.4	28.4	14.9
7	1.0	3.6	1.9	1.8	2.1	3.1	1.2	2.5	1.5	2.0	1.8	1.0	2.7	5.1	1.8	.2	.6	.9	.3	.5
8	8.2	4.0	6.1	4.5	3.1	2.7	2.6	3.4	2.6	2.8	4.0	4.4	2.7	7.0	4.1	4.8	4.8	5.6	4.0	3.9
9	1.5	2.3	2.9	4.2	3.2	3.6	2.9	2.4	2.8	2.4	2.8	2.1	3.6	3.9	3.6	4.7	4.5	4.5	4.5	4.6
10	-1.5	-2.4	-1	2.4	2.0	5.6	4.2	2.3	5.8	1.9	-5	.5	1.5	-2.1	2.4	1.1	2.4	2.8	4.2	2.7
11	.9	-4	-9	.3	-2	-2	-7	-1	2.4	2.6	1.2	1.3	-6	1.3	.9	1.0	.7	.1	.4	.0
12	-1.9	5.5	10.2	5.2	8.0	4.5	1.2	8.2	3.6	-4	1.2	-1.8	5.1	4.5	6	11.8	7.6	3.5	8.9	-1.5
13	-6.2	-7.1	.2	2.6	2.4	6.7	.0	.6	-6	-3.3	-4.2	-9	-2.7	1.3	2.3	4.6	2.0	1.7	.6	-1.8
14	-2.2	4.3	2.6	4.9	4.6	4.2	1.8	3.8	2.1	5.1	3.9	4.6	0	.9	2.6	3.4	5.0	3.2	5.5	6.5
15	22.0	36.0	49.5	54.6	53.3	62.9	44.4	52.0	52.7	41.7	41.0	39.8	41.0	57.2	49.7	61.1	61.1	59.5	63.8	55.5
16	25.3	23.9	27.6	32.2	34.8	40.3	34.0	38.6	43.1	40.6	38.9	33.5	31.3	36.0	38.0	41.2	43.4	44.7	43.9	44.0
17	29.9	28.1	27.2	28.3	29.5	30.9	32.0	31.9	34.0	35.4	35.0	35.1	32.3	32.4	33.6	34.7	35.3	36.8	38.2	37.7
18	1.0	1.3	1.6	1.9	2.5	2.2	1.3	1.0	1.7	1.1	.8	1.0	1.7	2.2	1.8	1.9	2.5	2.9	2.2	1.6
19	-5.5	-5.4	-1.2	2.0	2.9	7.2	.8	5.7	7.5	4.1	3.1	-2.5	-2.7	1.4	2.7	4.7	5.6	5.0	3.5	4.7
20	-3.4	12.1	21.9	22.4	18.4	22.5	10.4	13.4	9.6	1.0	2.2	6.3	9.7	21.2	11.6	19.9	17.8	14.8	19.9	11.5
21	-3.2	-2.4	6.0	10.3	4.1	9.3	7.5	1.5	-1.1	-5.3	-1.8	-4.2	5.2	5.8	1.1	3.0	3.1	1.0	5.5	4.4
22	-5	.5	3.6	2.3	-1.1	1.0	-2.5	-1.4	1.3	-1.4	.6	-2.3	1.5	2.0	.7	2.6	-3.5	-2.5	2.2	.1
23	1.8	2.2	-1	-3	-1.0	-3	.1	-3	-1.3	.2	2.7	3.5	4.1	1.7	3.2	-1.5	5.4	4.0	1.9	3.6
24	-4.9	-4.9	2.2	7.7	6.5	7.9	9.3	2.7	-3.0	-4.0	-7.7	-5.0	-5	2.0	-3.0	.8	2.0	-7	1	.5
25	.1	-5	-1	-2	-9	-1	-3	.6	4.0	.2	2.8	-2	-1	.4	.0	1.3	-9	.9	2.1	.1
26	.3	.4	.4	.8	.7	.9	1.0	.0	-1	-4	-.3	-1	-.3	-.4	.2	-.2	-.0	-.6	-.8	-.2
27	.4	1	1.1	.6	1.7	1	.8	.7	.6	.6	1	.4	-3.2	1.4	1.4	1.3	.5	.9	.6	.9
28	.4	9.9	14.3	8.6	10.2	9.4	1.8	9.5	7.8	2.5	4.5	6.3	6.7	10.9	6.7	13.6	10.6	9.4	12.8	1.4
29	-1.0	4.4	.5	2.9	2.3	3.7	.3	1.7	2.2	3.2	-.6	3.8	1.0	3.1	2.5	2.0	3.6	3.5	1.1	4.7
30	-5.6	-1.5	-3.7	-3.9	-6.0	-4.0	-2.9	-6.3	-3.6	-6.6	-3.1	-4.1	-3.5	-2	-4.7	-8.8	-6.9	-4.0	-6.3	-2.5

1 The figures shown here for "internal sources," "undistributed profits," and "capital consumption allowances" differ from those shown for "cash flow, net of dividends," "undistributed profits," and "capital consumption allowances" in the gross corporate product table (p. 9 of this issue of the SURVEY) for the following reasons: (1) these figures include, and the statistics in the gross corporate product table exclude, branch profits remitted from

foreigners, net of corresponding U.S. remittances to foreigners; and (2) these figures exclude and the gross corporate product figures include, the internal funds of corporations whose major activity is farming.

Source: Board of Governors of the Federal Reserve System.

Table I.—Sources and Uses of Funds, Nonfarm Nonfinancial Corporate Business, Seasonally Adjusted Quarterly Totals at Annual Rates, 1952-57

[Billions of dollars]

1952				1953				1954				1955				1956				1957				Line No.	
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
34.3	22.8	34.4	36.5	36.0	36.4	28.6	20.3	23.2	25.3	30.5	38.1	51.3	50.7	52.8	62.1	43.9	46.0	47.7	52.2	49.2	45.1	44.8	34.2	1	
21.9	20.3	20.1	22.3	22.7	21.4	21.2	19.3	21.3	22.9	23.5	25.6	28.5	29.4	29.1	29.7	28.8	28.5	29.5	29.0	30.6	30.9	31.0	29.8	2	
9.9	8.1	8.1	9.8	11.1	10.4	10.0	5.5	7.4	8.6	9.4	10.7	13.5	13.7	13.9	14.6	13.4	13.8	12.2	13.3	13.7	12.4	11.6	9.5	3	
1.3	1.2	7	8	-4	-1.6	-2.0	0	0	0	-7	-5	-1.1	-9	-2.2	-2.8	-2.9	-3.6	-1.2	-3.0	-2.4	-1.5	-1.3	-9	4	
10.8	11.1	11.3	11.7	12.0	12.6	13.1	13.7	13.9	14.3	14.8	15.4	16.1	16.7	17.4	17.8	18.3	18.4	18.4	18.7	19.3	20.0	20.6	21.2	5	
12.4	2.5	14.3	14.2	13.4	15.0	7.4	1.0	1.9	2.4	7.0	12.6	22.8	21.2	23.7	32.4	15.1	17.5	18.3	23.2	18.6	14.2	13.8	4.4	6	
2.2	2.6	1.6	2.8	2.1	2.3	1.2	1.6	3.0	2.0	.5	.8	2.5	.9	1.3	3.2	2.1	1.0	2.3	3.7	3.0	3.7	1.2	1.9	7	
4.9	5.4	4.7	3.7	3.5	3.4	2.2	4.3	3.6	3.2	5.2	1.8	2.4	2.3	1.8	4.9	2.3	3.7	4.5	4.0	6.8	5.8	6.4	6.3	8	
1.0	-7	9	9	1.0	9	.6	1.0	1.0	1.6	1.8	2.0	2.2	2.0	1.8	1.2	1.6	2.1	1.5	1.2	1.4	1.0	1.8	2.2	9	
-2.9	-7	2.3	4.0	-1.1	3	.5	-3.4	-1.3	-1.0	-9	-4	1.9	2.7	5.6	5.9	-7.3	6.2	3.5	4.4	2.7	4.6	-2	-2.1	10	
-5	-9	-6	-2	-1	3	-8	-4	1	-2	4	1	-1	-1	-4	4	-2	-1	4	4.3	4.7	1.3	5	5	11	
2.0	-2.6	6.1	3.7	3.4	3.5	-9	-1.7	-9	-4	1.2	6.5	7.4	4.8	8.9	10.4	3.3	6.7	4.6	4.3	4.7	1.3	8	-3.9	12	
-2.3	-4.4	-3.8	-2.8	6.6	3.4	.9	-2.5	-5.3	-2.5	-3.5	-2.1	4.2	5.3	2.7	4.2	-3.8	-3.9	-1.8	1.6	-1.7	-3.9	-3	-2.6	13	
2.2	2.4	3.1	2.1	1.8	4.0	2.1	2.0	1.7	-3	2.1	3.2	2.3	3.3	2.2	2.4	2.3	1.9	3.4	3.9	1.5	1.4	3.8	2.1	14	
33.4	22.7	32.8	33.4	33.0	33.9	25.8	15.8	21.0	24.5	27.2	37.2	48.7	46.8	48.4	56.3	38.2	39.9	42.3	48.5	47.6	41.5	40.5	33.1	15	
26.9	21.4	23.6	25.8	26.3	27.6	25.4	19.2	20.4	21.0	21.1	24.0	27.0	27.7	33.0	38.4	35.0	36.7	36.1	35.9	35.2	36.1	36.8	30.6	16	
21.7	22.6	20.2	22.0	23.2	23.3	23.6	23.0	22.5	22.2	22.5	22.8	23.0	24.7	27.0	28.4	28.9	30.1	31.6	32.1	33.1	33.2	34.3	33.1	17	
5	-1.9	3.0	3.1	2.4	3.6	1.5	3	-2.8	-2.3	-2.6	1	2.4	2.0	5.4	9.9	5.9	5.9	4.3	3.5	1.6	2.2	1.9	-3.3	18	
4.7	-1.9	3.0	3.1	2.4	3.6	1.5	3	-2.8	-2.3	-2.6	1	2.4	2.0	5.4	9.9	5.9	5.9	4.3	3.5	1.6	2.2	1.9	-3.3	19	
6.5	1.2	9.3	7.6	6.6	6.3	.4	-3.4	.6	3.4	6.1	13.1	21.7	19.1	15.4	18.0	3.2	3.2	6.2	12.6	12.4	5.4	3.7	2.5	20	
2.4	3	-1.1	-9	2.3	3.7	2.8	-3	-1.4	-2.1	3.6	.5	8.8	7.9	.9	4.1	-5.9	-7.4	-3.6	.5	2.7	-2.8	.0	-4	21	
4.6	-2.2	1.0	3	-2.3	3.5	-8	.2	-1.4	3.3	3.0	3.2	5.0	-8	-3	1	-4	-2.2	.0	3.2	1.1	-2.0	.9	-1	22	
0	0	0	0	0	0	0	0	2	2	2	3	2	2	2	0	0	-1	2	1	1	-2	-1	1	23	
-1.7	1.9	-2.3	-1.2	4.6	5	2.6	-1.4	-7	-5.6	1	-3.0	4.2	7.9	1.0	3.7	-5.6	-5.6	-4.1	-2.6	1.5	-3	-1.5	-1.4	24	
-1.6	4	2	-1	0	-3	8	7	3	-1	2	-1	-3	7	-1	0	2	4	3	-3	1	-5	2	7	25	
1	1	0	0	0	1	1	1	1	1	0	1	2	3	3	2	2	1	1	1	1	1	1	1	3	26
0	1.3	8	9	1	4	2	3	2	2	4	7	6	6	7	5	8	5	8	5	8	1	3	0	27	
4.0	-1.2	9.2	5.3	3.6	2.2	-3.1	-3.9	1.7	3.4	2.9	10.5	11.6	9.8	12.8	11.4	6.0	9.0	7.7	7.2	7.0	2.7	1.3	2	28	
1	9	4	2.3	7	2.0	5	5	0	1.9	-6	1.7	6	8	1.1	1.7	2.5	1.3	1.3	4.3	2.0	5.4	2.0	2.8	29	
-9	-1	-1.6	-3.1	-3.0	-2.5	-2.8	-4.5	-2.2	-8	-3.3	-1.0	-2.5	-3.9	-4.4	-5.8	-5.7	-6.1	-5.4	-3.7	-1.7	-3.6	-4.2	-1.2	30	

Table I.—Sources and Uses of Funds, Nonfarm Nonfinancial Corporate Business, Seasonally Adjusted Quarterly Totals at Annual Rates, 1963-69

[Billions of dollars]

1963				1964				1965				1966				1967				1968				1969		Line No.
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	
70.9	69.2	61.5	66.6	59.7	73.2	78.7	75.7	92.1	85.9	92.7	101.5	105.7	104.7	95.6	96.3	93.9	77.6	96.4	108.8	109.9	101.4	110.5	118.9	118.6	114.5	1
42.2	43.2	45.0	45.1	49.5	50.6	51.5	50.5	55.3	55.7	57.1	58.3	59.4	60.5	60.8	63.9	60.4	60.1	61.4	62.8	59.1	63.9	65.3	64.1	63.4	63.2	2
12.0	13.4	13.9	14.9	18.0	18.1	18.9	18.2	22.7	22.9	22.5	24.2	24.5	24.7	25.4	24.3	20.4	20.2	20.2	23.8	21.2	22.2	21.6	23.1	23.5	22.5	3
2	-9	2	-1.3	-1.0	-1	-4	-1.0	-1.4	-2.1	-1.1	-2.3	-2.4	-2.2	-3.0	.5	-1	-7	-4	-3.3	-5.3	-2.6	-9	-4.2	-6.1	-6.2	4
30.0	30.7	30.9	31.5	32.1	32.5	33.0	33.4	34.0	34.8	35.7	36.4	37.3	38.0	38.5	39.0	40.1	40.7	41.6	42.3	43.2	44.2	44.6	45.1	46.0	46.9	5
28.8	26.0	16.5	21.5	10.3	22.6	27.2	25.2	36.8	30.2	35.7	43.2	46.3	44.2	34.7	32.4	33.5	17.5	35.0	46.0	50.8	37.5	45.2	54.9	55.1	51.3	6
0	0	3	-1.5	2.6	3.3	1.1	-1.5	0	1.6	-5	-1.0	-5	5.9	.9	-1.5	.9	1.9	2.8	3.6	1.3	-6	-1.9	-2.2	.1	2.4	7
4.8	3.4	3.3	4.2	3.5	4.1	3.4	5.0	4.5	5.5	6.9	4.6	12.7	9.5	9.3	9.3	13.6	13.7	17.4	14.0	11.5	13.4	12.1	14.6	14.9	12.4	8
4.4	5.1	4.9	5.1	2.7	2.9	4.1	4.6	3.9	3.7	4.0	3.9	5.9	5.4	3.4	2.2	3.4	4.3	5.0	5.3	4.9	4.9	5.9	7.6	5.2	3.7	9
3.1	2.6	3.2	6.1	-1.4	3.0	5.4	8.3	13.4	7.3	9.7	12.0	10.6	12.4	7.9	2.7	7.6	5.8	3.6	8.8	3.7	6.7	9.8	18.2	12.7	12.6	10
1	4	3	8	.6	1.3	.9	8	.3	1.0	2.1	-2	4	1.3	3.9	2.0	1.1	1.4	1.2	4.4	2.2	5.1	2.6	5.9	12.5	11	
11.2	5.4	2.2	2.3	.6	1	7.7	5.9	11.8	6.0	9.7	9.0	11.3	9.1	4.8	3.9	6.3	-4	4.8	8.5	-5	7.9	5.4	3.8	8.3	12	
8	3.7	1.6	1.4	-8	2.8	2	-1	-3	3.0	1.5	4.5	-6	-1.6	2.8	.3	-3	-16.7	-4	1.0	10.4	3.4	-1.9	2.9	4.6	-3.7	13
4.4	6.1	.9	3.3	2.2	5.8	4.0	2.0	4.4	2.7	3.4	8.1	7.2	3.1	4.3	11.6	-1	7.9	5.7	7.2	6.2	7.9	8.1	5.8	8.0	3.1	14
64.4	64.7	59.1	64.7	55.3	65.0	70.0	69.2	84.5	81.8	84.7	92.3	94.1	97.8	87.9	90.3	83.7	70.7	88.5	101.1	102.7	93.3	104.8	112.4	111.7	107.3	15
43.3	45.0	45.4	48.5	48.4	51.6	52.0	56.3	60.3	60.7	63.6	66.4	71.4	76.8	76.8	83.2	73.7	68.8	71.9	75.5	70.7	76.9	76.2	83.7	84.7	85.8	16
36.9	37.8	39.2	40.5	41.7	43.4	45.1	46.3	49.7	51.4	53.9	56.4	59.0	60.7	63.4	63.3	63.1	63.0	63.9	65.3	67.9	65.5	67.6	70.9	75.1	75.9	17
3.0	3.1	2.1	2.1	2.5	2.3	1.6	1.9	2.3	1.8	1.9	2.0	1.9	1.1	1.8	.6	1.3	2.3	2.5	2.7	1.7	2.2	2.1	3.4	3.4	2.5	18
3.4	4.0	4.1	5.9	4.2	5.9	5.2	8.1	8.3	7.6	7.7	8.0	10.6	15.0	12.7	19.2	9.2	3.6	5.5	7.5	1.1	9.2	6.5	9.4	6.2	7.4	19
21.1	19.7	13.7	16.2	6.9	13.4	18.0	13.0	24.1	21.1	21.1	25.9	22.7	21.0	11.1	7.1	10.1	1.8	16.5	25.6	32.0	16.4	28.6	28.7	27.0	21.5	20
4.8	6.2	.8	6.9	-4	3.1	5.0	-2.7	-3.2	3.0	6.2	.9	3.1	6.2	-3.0	1.5	-1.5	-8.8	5.2	7.6	13.7	8.4	13.5	4.5	8.0	1.8	21
7	-2	-3.9	2	-8.2	1.6	-6	-1.8	-3.9	-1	-1.3	-7	-1.1	3.8	1.1	-8	-4.2	-1.4	2.9	-5.9	7.0	3.5	-1.3	-4.3	5.9	-1.1	22
2.7	2.9	4.5	5.4	4.3	1.7	2.8	3.8	4.2	6.1	3.5	1.7	1.9	2.4	-3.4	-3.6	7.8	.0	3.8	5.0	-1.8	-3.2	9.5	4.1	-17.0	-11.5	23
1.0	7	-1	4	7	-1.1	-1.7	-4.0	-2.9	-4.8	2.3	-1.1	-8	-1.3	-1.0	-1.5	-5.5	-7.0	-9	3.7	7.6	-1.0	1.7	-1.3	5.8	-5.4	24
4	2.1	2	6	2.4	7	3.7	-3	-1.5	1.4	.1	1.9															

Input-Output Structure of the U.S. Economy: 1963

The results of the 1963 input-output study by OBE are published in this report. The outstanding feature of this second full-scale study by OBE of U.S. interindustry relationships is the greatly expanded industrial detail in which the data have been prepared—almost 370 industries as compared with 86 industries for the 1958 table. Because of space limitations and to provide comparable data, the 1963 industry categories in this article have been aggregated to the categories provided for 1958. Instructions for obtaining the full detail for 1963 appear on this page.

THE results of the Office of Business Economics' study of input-output relationships for 1963 are presented in this article. This study was conducted as part of OBE's continuing program for the development of input-output tables integrated with the national economic accounts.

The 1963 data were developed as part of the second full-scale input-output study by OBE, the first having covered the year 1958.¹ This article shows the 1963 estimates in the industry classification used for the 1958 table. However, the underlying detail has been greatly expanded. For 1963, estimates were prepared for about 370 separate industries, more than four times as many as in the 1958 study. The expansion in industry detail was strongly urged by a broad cross section

1. The 1958 table was updated to 1961 in *Input-Output Transactions: 1961*, Staff Working Paper in Economics and Statistics, No. 16, OBE, U.S. Department of Commerce, 1968. The following articles on the 1958 input-output study have appeared in the SURVEY OF CURRENT BUSINESS: Morris R. Goldman, Martin L. Marimont, and Beatrice N. Vaccara, *The Interindustry Structure of the United States*, November 1964; Norman Frumkin, *Construction Activity in the 1958 Input-Output Study*, May 1965; *The Transactions Table of the 1958 Input-Output Study and Revised Direct and Total Requirements Data*, September 1965; Nancy W. Simon, *Personal Consumption Expenditures in the 1958 Input-Output Study*, October 1965; *Additional Industry Detail for the 1958 Input-Output Study*, April 1966.

of users who were interested in pinpointing the industrial markets and repercussions of changes in these markets to a greater degree than was possible with the 1958 data.

A list showing the industry classifications used in the more detailed table appears on pages 26-29. The input-output data for these industries are shown in *Input-Output Structure of the U.S. Economy: 1963*; Volume 1, *Transactions Data for Detailed Industries*; Volume 2, *Direct Requirements for Detailed Industries*; and Volume 3, *Total Requirements for Detailed Industries*. These volumes may be purchased from the U.S. Government Printing Office, Washington, D.C. 20402.

With the completion of the 1963 input-output study, information on the technical structure of the Nation's industries is now available for 1963 as well as for 1947 and 1958. The 1947 table was originally prepared by the Bureau of Labor Statistics of the U.S. Department of Labor and was subsequently made consistent with the OBE

tables. The adjusted 1947 table may be obtained from OBE. The availability of comparable tables for a substantial span of time will greatly facilitate the investigation of changes in the technical structure of the U.S. economy.

Input-output and the national income and product account

The input-output tables are prepared as an integral part of the U.S. national economic accounts. The three charts on pages 17-19 show how the input-output account is related to the basic national income and product account.

The national income and product account is presented in chart 10. The output of the Nation is shown both in terms of final product flows and in terms of the income types generated in its production. The final product flows appear in the right-hand column of the chart. They consist of sales to consumers (personal consumption expenditures), sales to business on capital account and the change in business inventories (gross private domestic in-

Acknowledgments

A project of this magnitude requires the efforts of many individuals and organizations. The input-output tables were prepared under the supervision of Martin L. Marimont, Chief of the National Economics Division of the Office of Business Economics. Staff members of that Division who made important contributions were, in alphabetical order, E. Louise Adams, William A. Allen, Jr., Claiborne M. Ball, Carolyn G. Bernhard, Alberta R. Bonner, Joseph S. Cangialosi, Marjorie S. Crenshaw, M. Paula Cullen, John N. Dickie, William M. Eisenberg, Barbara G. Euell, D. Anne Fisher, Margaret P. Gorman, Jack J. Gottsegen, Marguerite F. Gramza, William Gullickson, Vesta C. Jones, Leo C. Maley, Jr., Sally R. Reed, Elizabeth G. Rhodes, Janet B. Riddle, Eugene P. Roberts, E. Lawrence Salkin, Roy A. Seaton, 2d, Nancy W. Simon, Brenda R. Stanley, Irving Stern, Joanne S. Thompson, Albert J. Walderhaug, and Lucy J. Wayne. Members of OBE's National Income Division also contributed to the study. The Farm Income Branch of the Department of Agriculture's Economic Research Service prepared the estimates for the agricultural industries, and the Division of Mineral Economics of the Bureau of Mines prepared the estimates for the mining industries. The study was financed in part by the Arms Control and Disarmament Agency, Economic Development Administration of the Department of Commerce, Office of Civilian Defense of the Department of Defense, Office of Emergency Preparedness, and the Office of Systems Requirements, Plans and Information of the Office of the Secretary of the Department of Transportation.

vestment), sales to government (government purchases of goods and services), and net sales to foreigners (net exports). The sum of these final product flows equals the gross national product (GNP). This same total can also be derived by summing the income types (referred to in the article as value added) shown in the left-hand column. These consist of employee compensation, proprietors' income, rental income, corporate profits, net interest, business transfer payments, indirect business taxes, current surplus of government enterprises less subsidies, and capital consumption allowances.

Chart 11 displays the same components of GNP as shown in chart 10, but they are rearranged in an input-output format—a matrix or a table containing data arranged in rows and columns. The row labeled “producers,” shows the sales of these producers to the same final markets which appear in the right-hand column of the first chart. The column headed “producers,” enumerates the income types which make up the gross national product—which are now grouped as payments to employees, to owners of business and capital, and to government. The sum of this column, like the sum of the row, is equal to the GNP.

The black box, which represents sales by producers to other producers of the goods and services used in production, is blank in chart 11. These producer-to-producer sales are already included in the value of the final products that add up to the total GNP. Accordingly, they are omitted to avoid duplication in the measurement of national output.

For input-output analysis, however, these sales by producers to producers must be separately measured because this analysis focuses on the way the industries of the Nation interact in producing the gross national product. These sales are revealed in chart 12, which is an extension of chart 11. Again, the sales by producers to the final markets are shown as well as income payments by producers. However, the previously empty black box has been expanded into a large shaded area with many boxes to display separately the industries producing (as well as consuming) raw materials,

semi-finished products, and intermediate services.

These industry-to-industry flows depict the input-output structure of the economy. For example, the manufacturing row shows the sales by manufacturing industries to each of their industrial customers as well as to the final markets; the column for manufacturing shows the industrial sources of the goods and services purchased by manufacturers for use in production, and also the value added by manufacturers.

Because the interindustry account is conceptually and statistically integrated with the national income and product account, the value of total GNP as well as of the flows to each of the final markets (personal consumption, gross private domestic investment, government purchases, and net exports) is the same in the two sets of accounts.² However, the breakdown of the flows differs in the two accounts. In the interindustry ac-

2. The GNP as now published in the national income and product account differs from the GNP as shown in the 1963 input-output table because it has not yet been revised to conform to the input-output calculations. The forthcoming benchmark revisions of the national income and product accounts, which will incorporate these calculations, may in turn result in some modifications of the input-output information presented in this article.

count, the final demand columns are classified by industry. For the national income account, other types of breakdown are shown.

Value added is shown component by component in the national income and product account. In the input-output table presented in this article the components are combined into “value added” totals. Although the sum of value added for all industries is identical in the two accounts, the industrial distribution of value added differs from that of the national income and product account. The components of value added and an explanation and reconciliation of the industrial differences will be included in a subsequent article.

Uses of input-output

Input-output analysis has a variety of applications including such diverse uses as evaluating the sales potential of an individual firm and probing the implications of broad economic programs.

The major contribution of input-output analysis is that it permits measurement of the industrial repercussion of changes in demand. The measurement of these repercussions can be illustrated by the following

CHART 10

THE GROSS NATIONAL PRODUCT

National Income and Product Account

- | | |
|---|--|
| 1. Compensation of employees | 10. Personal consumption expenditures |
| 2. Proprietors' income | 11. Gross private domestic investment |
| 3. Rental income of persons | 12. Net export of goods and services |
| 4. Corporate profits and inventory valuation adjustment | 13. Government purchases of goods and services |
| 5. Net interest | |
| 6. Business transfer payments | |
| 7. Indirect business tax and nontax liability | |
| 8. Less: Subsidies less current surplus of government enterprises | |
| 9. Capital consumption allowances | |

GROSS NATIONAL PRODUCT

GROSS NATIONAL PRODUCT

example which deals with an increase in consumer demand for passenger cars. This increase in demand will lead in the first instance to an increase in the output of the automobile industry. However, there will be further impacts. The increase in the output of the automobile industry will result in more steel production, which in turn will require more chemicals, more iron ore, more limestone, and more coal. The automobile industry will also demand more upholstery fabrics, and the increased production of these fabrics will require more natural fibers, more synthetic fibers, and more plastics. There will be even further reactions; for instance, the production of synthetic fibers and other chemicals will lead to the production of more electricity and containers.

These are only a few of the industrial repercussions resulting from the initial change in consumer demand for automobiles. Input-output analysis traces this intricate chain reaction throughout the entire industrial structure and measures the effects of all the demands, both direct and indirect, on the output of each of the industries.

The industry outputs derived in this way can be used for estimating related industry requirements. For example, with supplementary data, the estimated output of each industry can be translated into requirements for employment or for additional plant and equipment.

Supplemented by information on the geographic distribution of industries, input-output analysis can also shed light on the regional implications of changes in the Nation's GNP.

Input-output is also useful in cost/price analysis. The input-output relationships shown in the table provide information on the cost/price structure of each industry and permit the measurement of the direct and indirect impact on all industries of changes in the prices occurring in any given industry.

Recognizing input-output's unique ability to account completely for the complex interaction among industries, many businesses have been guided in their decision-making by this type of analysis. For example, input-output has been used to evaluate market prospects for established products, to identify potential markets for new products, to spot prospective shortages in supplies, to add new dimensions and greater depth to the analysis of the economic

CHART 11

THE GROSS NATIONAL PRODUCT In Input-Output Format

	PRODUCERS	PERSONS	INVESTORS	FOREIGNERS	GOVERNMENT	
PRODUCERS		Personal consumption expenditures item 10	Gross private domestic investment item 11	Net exports of goods and services item 12	Government purchases of goods and services item 13	Gross national product
EMPLOYEES	Employee compensation item 1					
OWNERS OF BUSINESS AND CAPITAL	Profit-type income and capital consumption allowances items 2, 3, 4, 5, 6, 9					
GOVERNMENT	Indirect business taxes and current surplus of govt. enterprises, etc. items 7 & 8					
	Gross national product					

environment in which the firms can expect to operate, and to evaluate investment prospects in various industries.

Input-output has also been employed in the decision-making processes of Government agencies at every level. A notable Federal application has been in the study of the long-term growth of the economy and its implications for manpower requirements. Input-output has also been used to calculate the impact of U.S. exports and imports on employment in the various industries and

regions of the Nation. A number of State and local governments have sponsored the construction of input-output tables for use in evaluating the effects of different paths of economic development. Others have used input-output to study the industrial impact of alternative tax programs. In one State, input-output is the central element in a large scale system for forecasting the demographic and economic variables, as an aid in planning land use, expenditure and revenue programs, industrial

development, and so on.

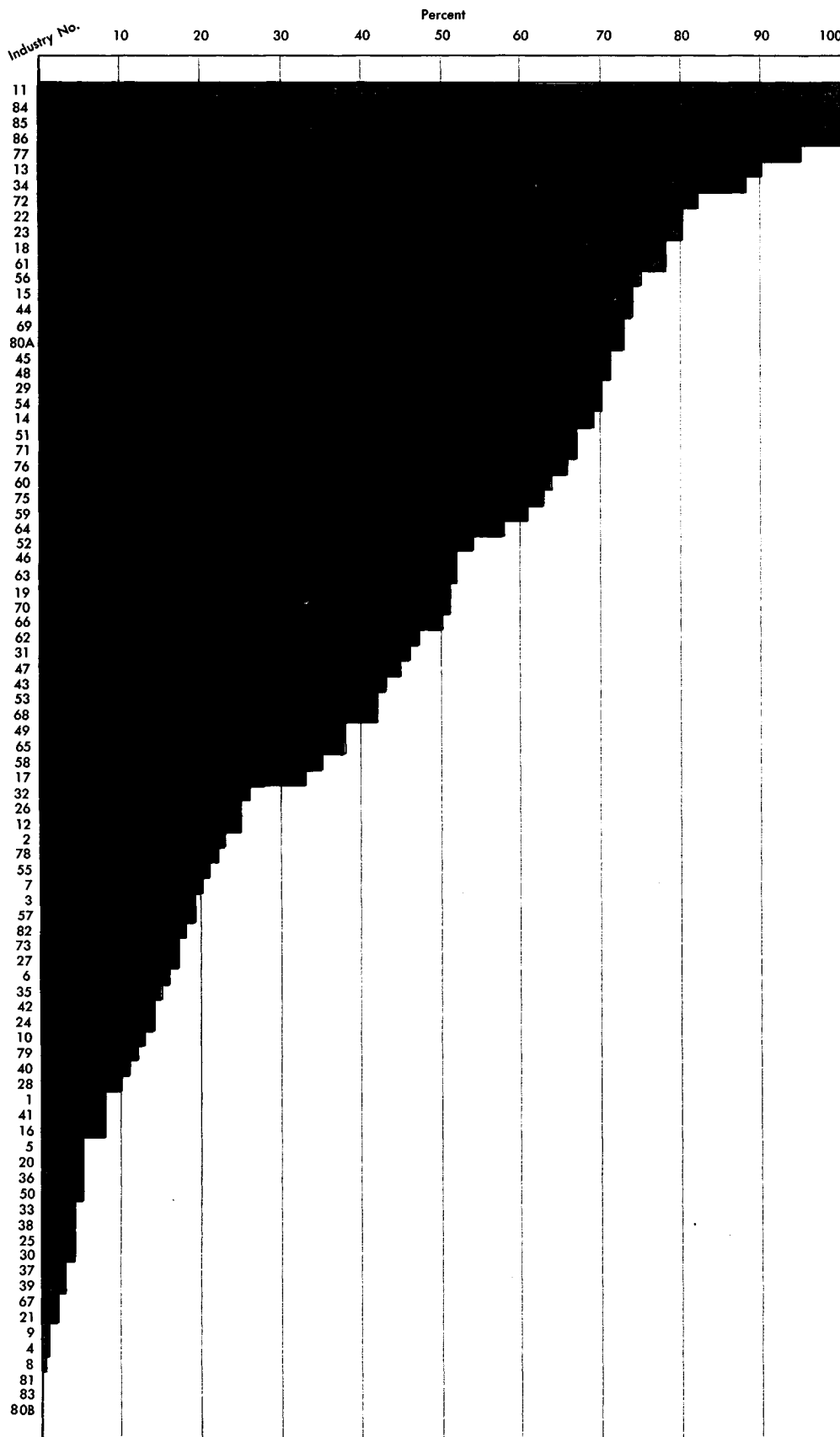
Many regions throughout the Nation have been increasingly concerned about the adequacy of water resources. Input-output is being used as part of a total system to measure the industrial requirements for water. It is particularly helpful in identifying those activities that generate important demands for water not only as direct users but because their suppliers of materials, power, and other inputs also require water.

CHART 12

INPUT-OUTPUT FLOW TABLE

		PRODUCERS							FINAL MARKETS						
		Agriculture	Mining	Construction	Manufacturing	Trade	Transportation	Services	Other	Persons	Investors	Foreigners	Government		
PRODUCERS	Agriculture														
	Mining														
	Construction														
	Manufacturing									Personal consumption expenditures	Gross private domestic investment	Net exports of goods and services	Government purchases of goods and services		
	Trade														
	Transportation														
	Services														
	Other														
Employees	Employee compensation							GROSS NATIONAL PRODUCT							
Owners of Business and Capital	Profit-type income and capital consumption allowances														
Government	Indirect business taxes and current surplus of govt. enterprises, etc.														

Producing Industries Ranked by Percent of Output Sold Directly to Final Demand, 1963



The use of statistical information in economic analysis generally requires reliance on quantitative relationships among economic variables. In the case of input-output, the most important of these relationships is the proportionality between total output of an industry and its input requirements. The use of proportional relationships is explained on pages 23-24 in connection with the discussion of tables 2 and 3.

Many of the users of input-output make the simplifying assumption that the proportions developed in the most recent table are applicable to other years and over a considerable range of output levels. While there are theoretical limitations to this assumption, it has generally yielded satisfactory results. However, where significant changes in the proportions do occur, they should be introduced. Information on the extent of the changes that have occurred—as shown by the input-output tables for 1947, 1958, and 1963—will be discussed in forthcoming OBE studies.

Description of the tables

The results of the 1963 input-output study are presented in three basic tables—the transactions or flow table, the direct requirements table, and the total requirements table. The discussion which follows provides a description of these tables and highlights some of the important interindustry relationships for 1963.³

The transactions (or flow) table (table 1). Table 1 shows the dollar value of the transactions among the various industries. Each row displays the distribution to each of the industries and final users of the output of goods and services of the industry. The columns show the value of each industry's consumption (input) of raw materials, semi-finished products and services, and its value added.

One interesting aspect of the sales pattern that is shown by table 1 is the wide variation in the proportion of output sold directly to the final markets by the various industries.

3. In the use of the information presented in these tables, it is important to keep in mind the definitions and conventions adopted for the 1963 input-output study. The most important of these are described briefly in the final section of this article.

Table A.—Total, Direct, and Indirect Output Attributable to Each Category of Final Demand, 1963
[Percent]

	Personal consumption expenditures			Gross private fixed capital formation			Net inventory change			Gross exports			Federal Government purchases ¹			State and local government purchases		
	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect
1. Livestock and livestock products	88.8	6.6	82.2	1.4	0	1.4	3.0	1.4	1.6	4.0	0.1	3.9	1.5	(*)	1.5	1.3	0.1	1.2
2. Other agricultural products	74.8	10.5	64.3	2.6	0	2.6	3.6	2.1	1.5	14.0	10.7	3.3	3.3	-2.0	1.3	1.7	.3	1.4
3. Forestry and fishery products	65.3	24.0	41.3	22.2	0	22.2	3.7	2.5	1.2	6.2	2.6	3.6	-5.9	-9.8	3.9	8.5	.1	8.4
4. Agricultural, forestry and fishery services	79.1	.9	78.2	4.0	0	4.0	3.1	0	3.1	10.5	.6	9.9	3.3	.9	2.4	.1	-1.9	2.0
5. Iron and ferroalloy ores mining	33.0	0	33.0	33.4	0	33.4	-1.9	-3.9	2.0	17.8	8.3	9.5	10.2	.6	9.6	7.5	0	7.5
6. Nonferrous metal ores mining	24.9	0	24.9	25.5	0	25.5	1.9	-2	2.1	9.7	.1	9.6	31.7	15.9	15.8	6.4	0	6.4
7. Coal mining	53.3	6.3	47.0	14.5	0	14.5	1.0	(*)	1.0	18.3	11.6	6.7	7.0	1.3	5.7	5.9	.5	5.4
8. Crude petroleum and natural gas	71.6	0	71.6	8.7	0	8.7	1.5	.1	1.4	6.2	.1	6.1	6.7	0	6.7	5.3	0	5.3
9. Stone and clay mining and quarrying	28.8	.7	28.1	42.0	0	42.0	1.1	.1	1.0	5.6	1.9	3.7	7.3	.1	7.2	15.1	-1.5	16.6
10. Chemicals and fertilizers mineral mining	46.6	.3	46.3	11.0	0	11.0	1.9	-1	2.0	21.5	8.9	12.6	10.2	1	10.1	8.9	3.4	5.5
11. New construction	0	0	0	70.4	0	70.4	0	0	0	(*)	(*)	0	6.1	6.1	0	23.4	23.4	0
12. Maintenance and repair construction	60.6	0	60.6	5.5	0	5.5	.5	0	.5	2.9	0	2.9	10.4	7.1	3.3	20.2	17.7	2.5
13. Ordnance and accessories	4.6	2.9	1.7	1.5	0	1.5	-3	-4	.1	3.8	3.1	.7	90.1	84.1	6.0	.3	.3	
14. Food and kindred products	92.0	67.2	24.8	1.0	0	1.0	1.2	.8	.4	3.2	2.1	1.1	1.4	.7	1.2	.7	(*)	.5
15. Tobacco manufactures	89.5	66.6	22.9	.5	0	.5	.4	.3	.1	9.1	6.8	2.3	.3	0	.3	(*)	(*)	(*)
16. Broad and narrow fabrics, yarn and thread mills	86.0	4.8	81.2	3.7	0	3.7	1.4	.2	1.2	5.1	2.1	3.0	2.5	.4	2.1	1.5	.1	1.4
17. Miscellaneous textile goods and floor coverings	74.7	27.6	47.1	11.7	1.7	10.0	3.5	2.3	1.2	3.9	.8	3.1	3.4	.3	3.1	2.9	(*)	2.9
18. Apparel	95.8	76.0	19.8	.8	0	.8	.5	.4	.1	1.2	.8	.4	.9	.4	.5	.7	.4	.3
19. Miscellaneous fabricated textile products	84.8	46.7	38.1	5.1	0	5.1	2.0	1.2	.8	3.0	1.1	1.9	3.7	2.2	1.5	1.4	.3	1.1
20. Lumber and wood products, except containers	31.3	2.2	29.1	40.7	.1	40.6	1.5	.6	.9	4.8	1.8	3.0	6.7	.1	6.6	14.9	(*)	14.9
21. Wooden containers	66.1	0	66.1	12.7	0	12.7	2.2	.2	2.0	7.8	.5	7.3	7.7	1.0	6.7	3.5	0	3.5
22. Household furniture	79.0	74.4	4.6	11.7	3.1	8.6	2.0	1.8	.2	.7	.3	.4	3.7	.4	3.3	2.9	.4	2.5
23. Other furniture and fixtures	10.6	6.9	3.7	68.4	58.6	9.8	.9	.7	.2	1.5	1.0	.5	5.0	2.2	2.8	13.6	10.7	2.9
24. Paper and allied products, except containers	69.1	9.5	59.6	9.4	0	9.4	2.0	.7	1.3	7.9	3.4	4.5	5.8	.4	5.4	5.7	.3	5.4
25. Paperboard containers and boxes	72.2	1.6	70.6	10.3	0	10.3	2.2	.7	1.5	5.4	.5	4.9	5.1	.2	4.9	4.8	1.2	3.6
26. Printing and publishing	70.5	19.4	51.1	8.2	0	8.2	1.3	.7	.6	3.8	1.0	2.8	7.7	.7	7.0	8.4	2.8	5.6
27. Chemicals and selected chemical products	53.2	2.3	50.9	10.7	0	10.7	2.2	.5	1.7	15.2	6.9	8.3	12.8	6.1	6.7	5.8	1.2	4.6
28. Plastics and synthetic materials	61.7	.2	61.5	11.2	0	11.2	2.2	.4	1.8	14.4	8.7	5.7	6.7	.7	6.0	3.9	(*)	3.9
29. Drugs, cleaning and toilet preparations	84.0	60.0	24.0	1.7	0	1.7	2.1	1.8	.3	4.9	3.7	1.2	2.3	.8	1.5	5.0	3.9	1.1
30. Paints and allied products	48.6	.9	47.7	22.6	0	22.6	1.7	1.6	1.1	5.1	1.3	3.8	8.0	.1	7.9	13.0	.1	12.9
31. Petroleum refining and related industries	70.3	37.7	32.6	9.1	0	9.1	1.5	.8	.7	6.8	3.1	3.7	7.1	3.3	3.8	5.2	1.4	3.8
32. Rubber and miscellaneous plastics products	61.3	18.8	42.5	16.1	.2	15.9	2.2	1.1	1.1	6.9	2.8	4.1	8.2	1.7	6.5	5.2	1.0	4.2
33. Leather tanning and industrial leather products	88.7	0	88.7	4.2	0	4.2	-1.8	-8	-1.0	6.9	4.3	2.6	1.3	.1	1.2	.8	0	.8
34. Footwear and other leather products	99.0	88.5	10.5	.7	0	.7	-1.4	-1.4	0	.8	.5	.3	.6	.1	.5	.3	(*)	.3
35. Glass and glass products	64.0	8.1	55.9	13.3	0	13.3	3.7	2.3	1.4	7.2	3.3	3.9	6.3	.4	5.9	5.5	1.1	4.4
36. Stone and clay products	16.6	2.3	14.3	53.7	0	53.7	1.2	.7	.5	3.2	1.3	1.9	7.0	.2	6.8	18.4	.1	18.3
37. Primary iron and steel manufacturing	33.4	(*)	33.4	37.1	0	37.1	2.3	.4	1.9	9.4	2.0	7.4	9.9	.2	9.7	8.0	(*)	8.0
38. Primary nonferrous metal manufacturing	28.0	.1	27.9	33.6	.2	33.4	2.9	.9	2.0	11.5	3.4	8.1	15.9	-1	16.0	8.2	(*)	8.2
39. Metal containers	80.6	0	80.6	4.8	.4	4.4	2.6	1.1	1.5	5.6	1.0	4.6	3.4	.3	3.1	3.0	(*)	3.0
40. Heating, plumbing and structural metal products	9.4	1.0	8.4	60.1	6.0	54.1	1.2	1.0	.2	4.0	2.8	1.2	7.0	.6	6.4	18.2	(*)	18.2
41. Stampings, screw machine products and bolts	47.6	5.4	42.2	28.3	0	28.3	3.0	1.1	1.9	7.1	.9	6.2	12.5	.6	11.9	4.5	.2	4.3
42. Other fabricated metal products	42.2	6.5	35.7	30.4	2.7	27.7	2.5	1.0	1.5	8.1	2.9	5.2	9.7	.4	9.3	7.1	.1	7.0
43. Engines and turbines	24.1	5.2	18.9	37.8	16.2	21.6	2.1	1.1	1.0	19.1	12.6	6.5	14.3	7.5	6.8	2.5	0	2.5
44. Farm machinery and equipment	12.1	.3	11.8	70.0	61.8	8.2	2.1	1.5	.6	12.5	9.3	3.2	1.9	.3	1.6	1.3	.5	.8
45. Construction, mining and oil field machinery	7.4	0	7.4	56.2	43.3	12.9	1.6	1.3	.3	25.9	23.0	2.9	5.0	2.6	2.4	3.9	.8	3.1
46. Materials handling machinery and equipment	11.5	0	11.5	63.4	41.1	22.3	1.2	.7	.5	8.6	5.9	2.7	8.7	4.3	4.4	6.6	.1	6.5
47. Metalworking machinery and equipment	18.4	1.5	16.9	50.9	32.5	18.4	2.3	1.1	1.2	13.7	8.2	5.5	12.3	1.7	10.6	2.5	.4	2.1
48. Special industry machinery and equipment	13.5	.6	12.9	63.4	54.5	8.9	1.1	.7	.4	18.1	15.1	3.0	2.5	.5	2.0	1.4	.2	1.2
49. General industrial machinery and equipment	15.7	0	15.7	53.2	25.9	27.3	1.9	.8	.1	13.7	7.1	6.6	11.9	4.4	7.5	3.6	.2	3.4
50. Machine shop products	30.3	.1	30.2	22.7	.3	22.4	2.6	.4	2.2	8.0	0	8.0	31.3	2.2	29.1	5.1	1.9	3.2
51. Office, computing and accounting machines	13.5	2.2	11.3	53.7	41.1	12.6	1.5	1.0	.5	10.9	8.1	2.8	15.9	11.4	4.5	4.4	2.8	1.6
52. Service industry machines	24.6	9.9	14.7	52.1	32.8	19.3	2.2	1.5	.7	8.2	6.2	2.0	5.2	1.4	3.8	7.7	2.1	5.6
53. Electric industrial equipment and apparatus	19.5	.3	19.2	50.1	28.7	21.4	1.4	.4	1.0	9.6	5.3	4.3	14.5	6.5	8.0	4.9	.9	4.0
54. Household appliances	71.4	59.8	11.6	13.3	2.6	10.7	4.9	4.5	.4	4.5	2.8	1.7	3.0	.2	2.8	2.8	.3	2.5
55. Electric lighting and wiring equipment	33.0	13.7	19.3	36.9	1.8	35.1	1.5	.9	.6	5.1	2.6	2.5	10.3	.4	9.9	13.2	1.8	11.4
56. Radio, television and communication equipment	23.2	16.8	6.4	20.2	15.5	4.7	1.6	1.2	.4	4.6	2.9	1.7	48.7	37.7	11.0	1.7	.9	.8
57. Electronic components and accessories	30.1	3.9	26.2	19.2	2.1	17.1	1.1	.9	-2	8.8	4.4	4.4	38.8	8.8	30.0	2.1	.1	2.0
58. Miscellaneous electrical machinery, equipment and supplies	51.3	16.3	35.0	24.0	8.8	15.2	2.3	1.2	1.1	7.6	3.3	4.3	11.1	4.9	6.2	3.7	.6	3.1
59. Motor vehicles and equipment	62.5	38.4	24.1	23.3	14.2	9.1	2.4	1.5	.9	5.8	3.5	2.3	3.2	1.7	1.5	2.8	1.6	1.2
60. Aircraft and parts	4.6	.3	4.3	5.8	3.1	2.7	2.9	2.4	.5	8.4	6.0	2.4	77.9	52.6	25.3	.4	(*)	.4
61. Other transportation equipment	28.4	20.0	8.4	36.8	20.9	6.9	1.2	.9	.3	5.2	3.4	1.8	26.8	23.0	3.8	1.6	.6	1.0
62. Scientific and controlling instruments	31.6	9.4	22.2	29.1	15.7	13.4	2.2	1.3	.9	11.9	8.7	3.2	19.2	9.5	9.7	6.1	2.8	3.3
63. Optical, ophthalmic and photographic equipment	54.5	23.8	30.7	18.3	13.4	4.9	.9	.5	.4	8.3	6.2	2.1	12.9	5.8	7.1	5.1	2.6	2.5
64. Miscellaneous manufacturing	76.1	46.5	29.6	12.2	6.9	5.3	1.1	.7	.4	4.0	2.6	1.4	2.7	.1	2.6	3.9	1.4	2.5
65. Transportation and warehousing	58.3	22.8	35.5	13.6	1.5	12.1	1.2	.4	.8	11.4	7.8	3.6	9.5	5.0	4.5	6.1	1.7	4.4
66. Communications; except radio and television broadcasting	75.2	41.1	34.1	10.3	3.6	6.7	.5	0	.5	2.5	.3	2.2	6.6	2.5	4.1	5.0	2.5	2.5
67. Radio and television broadcasting	62.3	0	62.3	13.3	0	13.3	.8	0	.8	5.								

Table B.—Sales of Specified Industries to Each Category of Final Demand, in

[Millions of dollars]

Line	Producing industry	Personal consumption expenditures				Gross private fixed capital formation				Net inventory change			
		Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
1	Livestock and livestock products.....	1,762	77	503	2,342	0	0	0	0	374	(*)	(*)	374
2	Other agricultural products.....	2,868	565	2,853	6,286	0	0	0	0	584	46	34	664
3	Forestry and fishery products.....	420	51	206	677	0	0	0	0	44	0	0	44
5	Iron and ferroalloy ores mining.....	0	0	0	0	0	0	0	0	-55	0	0	-55
6	Nonferrous metal ores mining.....	0	0	0	0	0	0	0	0	-3	0	0	-3
7	Coal mining.....	165	79	135	378	0	0	0	0	(*)	(*)	(*)	(*)
8	Crude petroleum and natural gas.....	0	0	0	0	0	0	0	0	16	1	0	17
9	Stone and clay mining and quarrying.....	15	1	0	16	0	0	0	0	-1	0	0	-1
10	Chemical and fertilizer mineral mining.....	2	1	(*)	3	0	0	0	0	-1	(*)	(*)	-1
13	Ordnance and accessories.....	181	2	147	330	0	0	0	0	-26	(*)	0	-26
14	Food and kindred products.....	49,921	1,124	25,671	76,715	0	0	0	0	583	13	39	635
15	Tobacco manufactures.....	4,943	43	2,500	7,486	0	0	0	0	23	(*)	3	26
16	Broad and narrow fabrics, yarn and thread mills.....	630	9	722	1,361	0	0	0	0	33	2	1	35
17	Miscellaneous textile goods and floor coverings.....	1,011	29	825	1,864	63	1	8	72	83	1	4	88
18	Apparel.....	13,697	107	8,000	21,804	0	0	0	0	67	2	15	83
19	Miscellaneous fabricated textile products.....	1,482	23	1,076	2,582	0	0	0	0	40	1	3	43
20	Lumber and wood products, except containers.....	230	13	106	349	5	(*)	1	6	63	6	5	74
21	Wooden containers.....	0	0	0	0	0	0	0	0	1	(*)	(*)	1
22	Household furniture.....	3,025	98	2,008	5,130	124	4	6	134	73	2	3	78
23	Other furniture and fixtures.....	133	17	134	283	1,127	53	290	1,470	14	1	1	16
24	Paper and allied products, except containers.....	1,241	36	651	1,929	0	0	0	0	90	4	6	99
25	Paperboard containers and boxes.....	74	2	41	116	0	0	0	0	33	1	1	34
26	Printing and publishing.....	3,160	55	1,439	4,653	0	0	0	0	109	1	2	112
27	Chemicals and selected chemical products.....	394	34	238	666	0	0	0	0	88	4	5	97
28	Plastics and synthetic materials.....	12	(*)	4	17	0	0	0	0	25	(*)	1	27
29	Drugs, cleaning and toilet preparations.....	5,428	198	4,046	9,672	0	0	0	0	160	4	16	181
30	Paints and allied products.....	23	1	19	43	0	0	0	0	39	1	6	46
31	Petroleum refining and related industries.....	8,232	722	8,239	17,193	0	0	0	0	177	13	33	223
32	Rubber and miscellaneous plastics products.....	1,863	50	1,138	3,051	18	(*)	9	28	105	3	11	120
33	Leather tanning and industrial leather products.....	0	0	0	0	0	0	0	0	-8	(*)	(*)	-8
34	Footwear and other leather products.....	3,032	39	2,037	5,108	0	0	0	0	-48	(*)	(*)	-47
35	Glass and glass products.....	238	7	161	407	0	0	0	0	68	2	6	76
36	Stone and clay products.....	217	13	142	370	0	0	0	0	71	7	9	87
37	Primary iron and steel manufacturing.....	10	1	5	15	0	0	0	0	102	3	3	108
38	Primary nonferrous metal manufacturing.....	12	(*)	6	18	22	1	1	24	122	1	2	125
39	Metal containers.....	0	0	0	0	9	(*)	(*)	9	28	(*)	(*)	28
40	Heating, plumbing and structural metal products.....	88	3	19	111	536	7	25	568	86	1	4	91
41	Stampings, screw machine products and bolts.....	266	6	197	469	0	0	0	0	56	1	2	59
42	Other fabricated metal products.....	580	15	365	959	242	5	52	299	93	2	6	101
43	Engines and turbines.....	125	3	20	147	388	6	27	421	27	(*)	1	29
44	Farm machinery and equipment.....	10	(*)	4	15	1,902	59	678	2,639	46	1	2	49
45	Construction, mining and oil field machinery.....	0	0	0	0	1,760	51	204	2,015	52	2	5	58
46	Materials handling machinery and equipment.....	0	0	0	0	665	26	53	744	12	(*)	(*)	12
47	Metalworking machinery and equipment.....	77	1	20	98	1,670	10	88	1,768	56	(*)	1	56
48	Special industry machinery and equipment.....	21	(*)	11	32	2,025	28	126	2,179	25	(*)	(*)	25
49	General industrial machinery and equipment.....	0	0	0	0	1,386	25	133	1,543	43	(*)	1	44
50	Machine shop products.....	2	(*)	2	4	6	(*)	(*)	7	9	(*)	(*)	9
51	Office, computing and accounting machines.....	88	1	77	166	1,615	11	326	1,952	41	(*)	7	48
52	Service industry machines.....	336	8	163	507	1,112	28	201	1,341	52	1	4	56
53	Electric industrial equipment and apparatus.....	22	(*)	6	27	1,862	33	109	2,004	23	(*)	(*)	23
54	Household appliances.....	2,793	99	1,713	4,604	120	3	18	141	211	5	21	237
55	Electric lighting and wiring equipment.....	422	10	241	673	55	2	4	62	27	1	2	30
56	Radio, television and communication equipment.....	2,089	62	1,015	3,165	1,924	8	85	2,017	151	3	12	166
57	Electronic components and accessories.....	176	1	94	271	96	(*)	5	102	-9	(*)	1	-9
58	Miscellaneous electrical machinery, equipment and supplies.....	368	8	242	618	198	3	54	256	28	1	6	34
59	Motor vehicles and equipment.....	15,381	377	3,448	19,206	5,671	140	1,102	6,913	611	14	23	649
60	Aircraft and parts.....	49	(*)	4	53	446	0	33	480	342	(*)	(*)	342
61	Other transportation equipment.....	980	29	306	1,315	1,465	33	60	1,558	46	1	6	53
62	Scientific and controlling instruments.....	403	4	388	794	673	8	98	779	56	(*)	2	58
63	Optical, ophthalmic and photographic equipment.....	604	5	949	1,557	340	2	280	622	14	(*)	3	17
64	Miscellaneous manufacturing.....	3,327	61	2,620	6,009	497	11	209	717	49	1	7	57
80A	Directly allocated imports.....	6,004	309	3,057	19,381	166	12	59	1,238	21	0	0	21
82	Office supplies.....	0	0	0	0	0	0	0	0	0	0	0	0
83	Scrap, used and secondhand goods.....	-250	0	2,381	2,131	-972	0	513	-459	106	0	0	106

*Less than \$500,000.

1. Includes insurance charges of \$11 million on personal consumption expenditures and \$1 million on gross private fixed capital formation.

NOTE.—Excludes industries where the value of sales in producers' and purchasers' prices are equal because there are no trade margins or transportation costs on these sales. Detail may not add to total due to rounding.

Producers' and Purchasers' Prices, 1963

Gross exports				Federal Government purchases				State and local government purchases				Line
Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	
38	7	7	53	5	(*)	2	7	12	1	(*)	12	1
2,917	344	259	3,520	-92	6	5	-81	88	13	12	113	2
46	6	7	58	-172	0	0	-172	2	(*)	(*)	3	3
118	19	0	137	9	1	0	10	0	0	0	0	5
1	(*)	0	1	242	9	0	251	0	0	0	0	6
305	171	10	486	35	20	1	57	14	9	(*)	24	7
12	0	0	12	0	0	0	0	0	0	0	-30	8
38	17	(*)	54	3	3	(*)	5	-30	0	0	0	9
62	19	2	84	(*)	(*)	(*)	(*)	24	7	1	31	10
197	4	9	211	5,300	37	15	5,352	2	(*)	0	2	13
1,648	67	117	1,833	317	7	5	329	488	10	-227	271	14
508	2	12	522	(*)	0	-1	-1	1	(*)	-1	1	15
281	4	17	302	33	2	2	35	14	(*)	1	15	16
29	1	3	32	12	2	2	14	0	(*)	(*)	(*)	17
147	1	10	159	69	1	5	74	75	1	4	81	18
35	(*)	2	38	69	1	5	75	8	(*)	1	9	19
194	25	13	232	6	(*)	1	7	3	(*)	(*)	4	20
2	(*)	(*)	2	4	(*)	(*)	5	0	0	0	0	21
10	(*)	(*)	11	17	1	1	18	18	1	1	20	22
19	1	3	23	42	2	6	49	205	8	22	235	23
449	32	23	503	47	2	5	54	45	2	(*)	47	24
23	1	1	25	10	(*)	1	11	59	1	8	68	25
163	3	20	186	117	-3	-5	109	450	9	-32	427	26
1,160	64	88	1,313	1,036	20	27	1,083	206	12	16	234	27
553	18	38	609	42	(*)	(*)	42	(*)	(*)	(*)	(*)	28
335	10	27	372	73	3	6	82	355	13	28	396	29
31	1	6	38	3	(*)	(*)	3	3	(*)	1	4	30
678	36	125	840	711	54	147	912	301	23	63	387	31
276	8	28	311	171	5	21	196	101	3	12	116	32
41	1	1	43	1	(*)	(*)	1	0	0	0	0	33
18	(*)	1	19	4	(*)	(*)	4	1	(*)	(*)	1	34
96	4	13	113	12	1	2	15	33	1	7	41	35
128	8	12	148	23	1	3	26	13	1	3	16	36
493	22	18	533	45	2	2	49	3	(*)	(*)	3	37
491	7	6	503	-11	(*)	-1	-12	(*)	(*)	(*)	(*)	38
25	1	(*)	26	7	(*)	(*)	7	(*)	(*)	0	(*)	39
252	6	15	273	58	1	3	62	(*)	(*)	(*)	(*)	40
44	1	3	49	28	1	2	30	11	(*)	1	12	41
269	7	36	302	40	1	6	47	8	(*)	2	10	42
303	6	20	329	179	4	12	194	0	0	0	0	43
285	9	26	320	11	(*)	1	12	15	(*)	1	17	44
936	28	92	1,066	105	4	10	119	33	1	3	38	45
96	4	8	107	70	4	6	79	1	(*)	(*)	2	46
423	3	28	453	86	(*)	5	91	22	(*)	2	24	47
561	9	33	602	17	(*)	1	18	7	(*)	1	8	48
378	8	36	422	236	2	12	251	12	(*)	1	14	49
0	0	0	0	49	2	0	52	43	2	(*)	45	50
317	2	56	375	448	2	27	476	111	1	20	132	51
209	5	35	249	47	1	8	56	73	2	15	90	52
343	6	19	368	423	5	10	437	61	1	3	64	53
132	4	20	156	10	(*)	1	11	14	0	2	16	54
81	2	7	89	13	(*)	1	15	54	1	4	59	55
366	3	19	389	4,686	12	148	4,846	116	1	5	122	56
199	1	14	213	398	2	26	426	5	(*)	(*)	5	57
75	1	15	91	110	1	15	126	13	(*)	4	17	58
1,386	32	52	1,471	663	16	26	704	644	16	25	685	59
857	1	24	882	7,532	7	52	7,591	(*)	0	0	(*)	60
165	4	9	178	1,124	1	2	1,127	30	1	3	34	61
373	4	45	422	405	2	34	441	118	1	18	138	62
157	1	33	191	147	1	29	177	65	(*)	13	78	63
186	2	30	218	8	(*)	1	9	102	2	15	120	64
352	0	0	352	2,649	23	9	2,681	3	(*)	0	3	80A
0	0	0	0	143	3	19	165	243	7	50	300	82
329	43	115	487	-53	0	0	-53	506	0	0	506	83

Some industries, such as footwear and other leather goods (34) and household furniture (22) sold over three-fourths of their total output to final markets and are, therefore, directly affected to a substantial degree, by changes in these markets. On the other hand, other industries such as agricultural services (4) and iron and ferroalloy ores mining (5) sold virtually all of their output to intermediate consumers. For such industries the connection between production and final markets is remote and can be traced only through the sales of their customers. Of the 85 separate industries examined, 51 sold over half of their output to intermediate users; as many as 38 sold more than three-fourths of their output to such users. The wide range in the percentage of total output sold directly to final demand is shown in chart 13.

Table 1 also shows the diversity of the intermediate distribution patterns of industries. For example, the primary iron and steel manufacturing industry (37) and the metal container industry (39) both sold over 90 percent of their output to other industries. The former sold its output to 64 industries, none accounting for more than 20 percent of steel output. In contrast, the latter sold its output to 30 industries, one of which, food and kindred products (14), absorbed 65 percent of container output.

It is important to bear in mind that the output distributions shown in table 1 refer to 1963 and, therefore, reflect the demands, prices, and product mixture for that year. As these change over time, this output distribution pattern will also change.

Direct requirements table (table 2).

Table 2 relates each of the inputs of an industry to its total output. Each column shows the inputs that the industry named at the top of that column required from each of the industries named at the beginning of the rows to produce a dollar of its output.

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

For example, to produce a dollar of output, the chemicals manufacturing industry (27) required 18 cents of its own production, 6 cents from the petroleum refining industry (31), 3 cents from the chemical mining industry (10), etc.

Table 2 shows the heavy interdependence among the industries which is a feature of the U.S. economy. Almost all industries required inputs from at least 30 others. As many as 57 industries required inputs from over 50 industries. The chemicals industry (27) for example, required inputs from 73 industries, only eight of which are producers of basic raw materials.

The data in table 2 permit the tracing of the interconnections among the various industries and final demand in a systematic way. For example, assume that the household furniture industry produces \$1 million of furniture for sale to consumers. By use of column 22 it can be established that the household furniture industry would require slightly under \$18,000 ($\$1,000,000 \times 0.01776$) from itself. Thus, industry 22 would have to produce a minimum of \$1,018,000. Continuing the calculation, this output would require almost \$54,000 ($\$1,018,000 \times 0.05265$) of fabrics from industry 16, a little over \$142,000 ($\$1,018,000 \times 0.13979$) of wood products from industry 20, and so on down the column.

The next calculation is that of the output required by each of the supplying industries to meet the requirement placed on it. For example, industry 22 has so far required \$54,000 of fabrics from industry 16. To meet this requirement, industry 16 requires an output of over \$18,000 ($\$54,000 \times 0.32652$) from itself, and for the resulting \$72,000 of output, almost \$6,000 ($\$72,000 \times 0.08305$) from industry 28.

This chain of calculations of output requirements which spread through the economy can be continued, and the total output required from each industry to produce \$1 million of household furniture for consumers can thus be derived. This is a very laborious and time-consuming procedure unless performed on an electronic computer. However, the total output required from each industry can be easily calculated using table 3 in which

the relationships shown in table 2 have been completely traced and summarized.

Total requirements table (table 3). Each column of table 3 shows the output required both directly and indirectly from the industry named at the beginning of each row for each dollar of deliveries to final demand by the industry named at the head of the column.⁴ The data in the table make it possible to calculate the impact on the various industries of the economy which result from stipulated changes in the final demand.

Although table 3 is more convenient for calculating total requirements, table 2 will sometimes be preferred, because it permits flexibility in the computation and modification of the relationships which are used. Also, table 2 is needed to split the total requirements, as given in table 3, into their direct and indirect components.

Returning to the household furniture example, it is possible to calculate the impacts quite simply, rather than laboriously tracing the impacts from industry to industry. Thus, the column for industry 22 shows that to provide final demand with an additional \$1 million of household furniture, \$1,019,000 ($\$1,000,000 \times 1.01889$) is required in total from industry 22, \$96,000 ($\$1,000,000 \times 0.09601$) from industry 16, almost \$209,000 ($\$1,000,000 \times 0.20882$) from industry 20, and so on.

As a further illustration of the link provided by input-output between final demand and the output of each industry, a series of calculations were performed using table 3. The results of these calculations appear in table A which shows the percentage of output of each industry attributable, directly or indirectly, to each category of final demand in 1963.

As may be seen from this table, the direct impact of a given category of final demand on an industry may be less important than its indirect effect. For example, while only 10 percent of the output of the paper industry (24) was sold to persons, 69 percent of its output was attributable to total con-

sumption by persons. The table also shows that although no investment goods are produced by the paper industry, almost 9 percent of its output was indirectly associated with fixed investment. Further, 9 percent of chemical mining (10) was exported directly, but 22 percent of its output was attributable to total exports.

The data in table A also show that most industries are heavily dependent on consumer expenditures. Of the 82 industries included in this table, 49 derive half or more of their output from consumer purchases. Another 13 derive more than half of their output from fixed investment, and only two derive more than half from Federal Government. The remaining 18 industries depend on more than one final demand category for the bulk of their output.

Supplementary data requirements

Before table 3 (or table 2) can be used to measure the impact of changes in the level and composition of GNP on each of the industries, a bill of goods must be formulated. A bill of goods is a set of final demands classified according to the industry categories of the table, expressed in 1963 prices, and valued at producers' prices. Furthermore, the trade margin on all items of the bill of goods is separately specified as a requirement from the trade industry. Similarly the transportation cost involved in the delivery to final markets of all items in the bill of goods is separately entered as a requirement from the transportation industry.

Some of the supplementary data useful in preparing bills of goods are presented in this article. Table 1 (see page 35) shows the industrial composition of each category of final demand in 1963. These data may be used to distribute by industry the value of each of the categories of final demand, if the value is available in the aggregate only. Table B presents industry sales to each category of final demand in purchasers' prices, and shows the trade margins and transportation costs included in these prices. This table should be used if the final demand to be analyzed is given in purchasers' prices and in the industrial classification of the input-output table. Similar data for the intermediate sales will appear in a future publication. In

4. The mathematical procedures for converting direct requirements to total requirements are described in *Inter-Industry Economics*, Hollis B. Chenery and Paul G. Clark, John Wiley & Sons, 1959; *Input-Output and National Accounts* Richard Stone, The Organization for European Economic Cooperation, 1961; and other similar texts.

addition, OBE will make available, upon request, data which can be used to translate estimates of personal consumption expenditures for each of the 12 major categories into the classification of the input-output table.

The price information required for input-output analysis is essentially the same that is used to convert current dollar GNP—by final demand category and by industry of origin—into constant dollar GNP. OBE plans to make this information available to users of input-output tables in as much detail as possible. The price information used to deflate GNP is derived largely from the Consumer Price Index and the Wholesale Price Index of the U.S. Department of Labor. This information can be used in input-output analysis to supplement the price data obtained from the GNP accounts.

Definitions and Conventions of the 1963 Input-Output Tables⁵

Trade. The input-output tables do not trace actual flows to and from the trade industry. If trade were shown as buying and reselling, the detailed connections would be between trade and the producing industries, while the consuming industries and final users would make most of their purchases from a single source—trade. To show the links between producing and consuming industries or final markets, commodities are shown as if moving directly from producer to user, bypassing trade. Therefore, the output of trade is measured in terms of total margins—that is, operating expense plus profit.

Valuation of transactions. The valuation underlying the tables in this report is based on producers' prices.⁶ Such prices exclude the distribution costs which make up the difference between producers' and purchasers' prices. Under a system of producers' valuations, the individual inputs into a consuming industry are valued at producers' prices while the trade margin and transporta-

tion costs associated with all of these inputs appear as inputs to the consuming industry from the trade industry and transportation industry, respectively.

Classification of industries. For this article, all productive activities of the U.S. economy are grouped into 85 industries. Most of these are combinations of industries as defined in the Standard Industrial Classification (SIC) Manual, 1957 edition. Three are "dummy" industries established to simplify the estimating procedures. A list of the industrial categories and their composition in terms of the SIC is given on pages 26-29.

Secondary products or activities. In most cases, secondary products are treated as if sold by the producing industry to the primary industry and added to the output of the primary industry for distribution to users.⁷

In those industries in which secondary production is large and, at the same time, considerably different from the primary output, the secondary products, and their associated inputs, are subtracted from the producing industries and added to the primary industry.

Imports. Imports used for production (intermediate goods and services) which are substitutable for domestically produced goods and services⁸ are treated like secondary products; they are shown as if purchased by the industry producing the substitutable item and added to that industry's output.

Imports used in production which have no domestic counterparts, and imports purchased by final users in substantially the same form in which they were imported, are shown as purchased directly by the consuming industry or final market.

7. The basic unit of classification in the SIC is the establishment. An establishment is classified in an industry based on its principal activity. However, once an establishment is classified in an industry, its entire output, subsidiary as well as principal, is counted as part of the output of the industry. Its principal output, that which determines its industry classification, is called primary output; its other (subsidiary) output is called secondary.

8. Substitutability was determined on a judgmental basis using the following guide: the import should be interchangeable with a domestically produced item without any changes in the technology of the consuming industry or the resultant product.

Gross output and gross input. Gross output of an industry represents the sum of the values of the following elements: (a) the total production by the industry, including both primary and secondary products or services; (b) the producers' value of the secondary products or services of other industries which are primary to the given industry; and (c) the domestic port value of substitutable imports, which are distributed as part of the output of the given industry.

Gross input of an industry is equal to the sum of the values of the following elements: (a) total consumption of goods and services required for the industry's total production; (b) value added by the industry; (c) the producers' value of the secondary products or services of other industries which are primary to the given industry; and (d) the domestic port value of substitutable imports.⁹

Gross output, the row total, equals gross input, the column total.

Inventories. The inventory change shown for each industry represents the change in inventories of the industry's products regardless of which industry actually owns or holds the inventories. (This is different from the customary industry inventory figures which represent inventories held by each industry.) Inventories are so classified in the input-output table in order to provide the balance between the output of each industry and the total consumption of its products. Current production includes products which end up in inventories and are therefore not reflected in consumption. On the other hand, consumption may come from inventories of the producer, of the consumer, or of trade companies as well as from current output. To the extent it comes from inventories, it is not included in current production. Therefore, adding inventory increases of products of the industry to, and subtracting depletions from, the consumption of that industry's products achieves the balance with gross output of the industry.

9. Thus, secondary products and substitutable imports are added to both the inputs and outputs.

5. This section of the report is discussed much more fully in a document which is available upon request to the OBE.

6. Producers' prices have been defined to include Federal and State and local excise taxes collected and paid by the producer.

Industry Classification of the 1963 Input-Output Tables

The titles in bold face represent the groupings of industries used for the summary version of the 1963 tables and were also used in the 1958 and 1961 input-output tables prepared by the Office of Business Economics.

Industry number and title	Related SIC codes (1957 edition)
AGRICULTURE, FORESTRY AND FISHERIES	
1 Livestock and livestock products	
1. 01 Dairy farm products.....	0132, pt. 014, pt. 02.
1. 02 Poultry and eggs.....	0133, pt. 014, pt. 02.
1. 03 Meat animals and miscellaneous livestock products.	0139, pt. 014, 0193, pt. 0729, pt. 02.
2 Other agricultural products	
2. 01 Cotton.....	0112, pt. 014, pt. 02.
2. 02 Food feed grains and grass seeds.....	0113, pt. 0119, pt. 014, pt. 02.
2. 03 Tobacco.....	pt. 0119, pt. 014, pt. 02.
2. 04 Fruits and tree nuts.....	0122, pt. 014, pt. 02.
2. 05 Vegetables, sugar and miscellaneous crops.	0123, pt. 0119, pt. 014, pt. 02.
2. 06 Oil bearing crops.....	pt. 0119, pt. 014, pt. 02.
2. 07 Forest, greenhouse and nursery products.	0192, pt. 014, pt. 02.
3 Forestry and fishery products	
3. 00 Forestry and fishery products.....	074, 081, 082, 084, 086, 091.
4 Agricultural, forestry and fishery services	
4. 00 Agricultural, forestry and fishery services.	071, 0723, 073, pt. 0729, 085, 098.
MINING	
5 Iron and ferroalloy ores mining	
5. 00 Iron and ferroalloy ores mining.....	1011, 106.
6 Nonferrous metal ores mining	
6. 01 Copper ore mining.....	102.
6. 02 Nonferrous metal ores mining, except copper.	103, 104, 105, 108, 109.
7 Coal mining	
7. 00 Coal mining.....	11, 12.
8 Crude petroleum and natural gas	
8. 00 Crude petroleum and natural gas.....	1311, 1321.
9 Stone and clay mining and quarrying	
9. 00 Stone and clay mining and quarrying	141, 142, 144, 145, 148, 149.
10 Chemicals and fertilizer mineral mining	
10. 00 Chemical and fertilizer mineral mining.	147.
CONSTRUCTION	
11 New construction	
11. 01 New construction, residential buildings (nonfarm).	pt. 15, pt. 16, pt. 17, pt. 6561.
11. 02 New construction, nonresidential buildings.	pt. 15, pt. 17.
11. 03 New construction, public utilities.....	pt. 15, pt. 16, pt. 17.
11. 04 New construction, highways.....	pt. 16, pt. 17.
11. 05 New construction, all other.....	pt. 15, pt. 16, pt. 17, 138.
12 Maintenance and repair construction	
12. 01 Maintenance and repair construction, residential buildings (nonfarm).	pt. 15, pt. 17.

Industry Classification of the 1963 Input-Output Tables

Industry number and title	Related SIC codes (1957 edition)
12. 02 Maintenance and repair construction, all other.	pt. 15, pt. 16, pt. 17.
MANUFACTURING	
13 Ordnance and accessories	
13. 01 Complete guided missiles.....	1925.
13. 02 Ammunition, except for small arms, n.e.c.	1929.
13. 03 Tanks and tank components.....	1931.
13. 04 Sighting and fire control equipment.....	1941.
13. 05 Small arms.....	1951.
13. 06 Small arms ammunition.....	1961.
13. 07 Other ordnance and accessories.....	1911, 1999.
14 Food and kindred products	
14. 01 Meat products.....	201.
14. 02 Creamery butter.....	2021.
14. 03 Cheese, natural and processed.....	2022.
14. 04 Condensed and evaporated milk.....	2023.
14. 05 Ice cream and frozen desserts.....	2024.
14. 06 Fluid milk.....	2026.
14. 07 Canned and cured sea foods.....	2031.
14. 08 Canned specialties.....	2032.
14. 09 Canned fruits and vegetables.....	2033.
14. 10 Dehydrated food products.....	2034.
14. 11 Pickles, sauces and salad dressings.....	2035.
14. 12 Fresh or frozen packaged fish.....	2036.
14. 13 Frozen fruits and vegetables.....	2037.
14. 14 Flour and cereal preparations.....	2041, 2043, 2045.
14. 15 Prepared feeds for animals and fowls.	2042.
14. 16 Rice milling.....	2044.
14. 17 Wet corn milling.....	2046.
14. 18 Bakery products.....	205.
14. 19 Sugar.....	206.
14. 20 Confectionery and related products.....	207.
14. 21 Alcoholic beverages.....	2082-5.
14. 22 Bottled and canned soft drinks.....	2086.
14. 23 Flavoring extracts and sirups, n.e.c.	2087.
14. 24 Cottonseed oil mills.....	2091.
14. 25 Soybean oil mills.....	2092.
14. 26 Vegetable oil mills, n.e.c.....	2093.
14. 27 Animal and marine fats and oils.....	2094.
14. 28 Roasted coffee.....	2095.
14. 29 Shortening and cooking oils.....	2096.
14. 30 Manufactured ice.....	2097.
14. 31 Macaroni and spaghetti.....	2098.
14. 32 Food preparations, n.e.c.....	2099.
15 Tobacco manufactures	
15. 01 Cigarettes, cigars, etc.....	2111, 2121, 2131.
15. 02 Tobacco stemming and redrying.....	2141.
16 Broad and narrow fabrics, yarn and thread mills	
16. 01 Broadwoven fabric mills and fabric finishing plants.	2211, 2221, 2231, 2261, 2262.
16. 02 Narrow fabric mills.....	2241.
16. 03 Yarn mills and finishing of textiles, n.e.c.	2269, 2281-3.
16. 04 Thread mills.....	2284.
17 Miscellaneous textile goods and floor coverings	
17. 01 Floor coverings.....	227.
17. 02 Felt goods, n.e.c.....	2291.
17. 03 Lace goods.....	2292.
17. 04 Paddings and upholstery fillings.....	2293.
17. 05 Processed textile waste.....	2294.
17. 06 Coated fabrics, not rubberized.....	2295.
17. 07 Tire cord and fabric.....	2296.
17. 08 Scouring and combing plants.....	2297.
17. 09 Cordage and twine.....	2298.
17. 10 Textile goods, n.e.c.....	2299.
18 Apparel	
18. 01 Hosiery.....	2251, 2252.
18. 02 Knit apparel mills.....	2253, 2254, 2259.
18. 03 Knit fabric mills.....	2256.
18. 04 Apparel made from purchased materials.	23 (excluding 239), 3992.
19 Miscellaneous fabricated textile products	
19. 01 Curtains and draperies.....	2391.

Industry Classification of the 1963 Input-Output Tables

Industry number and title	Related SIC codes (1957 edition)
19. 02 Housefurnishings, n.e.c.-----	2392.
19. 03 Fabricated textile products, n.e.c.-----	2393-9.
20 Lumber and wood products, except containers	
20. 01 Logging camps and logging contractors.	2411.
20. 02 Sawmills and planing mills, general	2421.
20. 03 Hardwood dimensions and flooring	2426.
20. 04 Special product sawmills, n.e.c.	2429.
20. 05 Millwork	2431.
20. 06 Veneer and plywood	2432.
20. 07 Prefabricated wood structures	2433.
20. 08 Wood preserving	2491.
20. 09 Wood products, n.e.c.	2499.
21 Wooden containers	
21. 00 Wooden containers	244.
22 Household furniture	
22. 01 Wood household furniture	2511, 2519.
22. 02 Upholstered household furniture	2512.
22. 03 Metal household furniture	2514.
22. 04 Mattresses and bedsprings	2515.
23 Other furniture and fixtures	
23. 01 Wood office furniture	2521.
23. 02 Metal office furniture	2522.
23. 03 Public building furniture	2531.
23. 04 Wood partitions and fixtures	2541.
23. 05 Metal partitions and fixtures	2542.
23. 06 Venetian blinds and shades	2591.
23. 07 Furniture and fixtures, n.e.c.	2599.
24 Paper and allied products except containers and boxes	
24. 01 Pulp mills	2611.
24. 02 Paper mills, except building paper	2621.
24. 03 Paperboard mills	2631.
24. 04 Envelopes	2642.
24. 05 Sanitary paper products	2647.
24. 06 Wallpaper and building paper and board mills.	2644, 2661.
24. 07 Converted paper, products, n.e.c., except containers and boxes.	2641, 2643, 2645, 2646, 2649.
25 Paperboard containers and boxes	
25. 00 Paperboard containers and boxes	265.
26 Printing and publishing	
26. 01 Newspapers	2711.
26. 02 Periodicals	2721.
26. 03 Book printing and publishing	273.
26. 04 Miscellaneous publishing	2741.
26. 05 Commercial printing	2751, 2752.
26. 06 Manifold business forms, blankbooks and binders.	2761, 2782.
26. 07 Greeting card publishing	2771.
26. 08 Miscellaneous printing services	2753, 2789, 279.
27 Chemicals and selected chemical products	
27. 01 Industrial inorganic and organic chemicals.	281 excluding 28195.
27. 02 Fertilizers	2871, 2872.
27. 03 Agricultural chemicals, n.e.c.	2879.
27. 04 Miscellaneous chemical products	2861, 289.
28 Plastics and synthetic materials	
28. 01 Plastics materials and resins	2821.
28. 02 Synthetic rubber	2822.
28. 03 Cellulosic man-made fibers	2823.
28. 04 Organic fibers, noncellulosic	2824.
29 Drugs, cleaning and toilet preparations	
29. 01 Drugs	283.
29. 02 Cleaning preparations	284 excluding 2844.
29. 03 Toilet preparations	2844.
30 Paints and allied products	
30. 00 Paints and allied products	2851.

Industry Classification of the 1963 Input-Output Tables

Industry number and title	Related SIC codes (1957 edition)
31 Petroleum refining and related industries	
31. 01 Petroleum refining and related products	2911, 299.
31. 02 Paving mixtures and blocks	2951.
31. 03 Asphalt felts and coatings	2952.
32 Rubber and miscellaneous plastics products	
32. 01 Tires and inner tubes	3011.
32. 02 Rubber footwear	3021.
32. 03 Reclaimed rubber and miscellaneous rubber products, n.e.c.	3031, 3069.
32. 04 Miscellaneous plastics products	3079.
33 Leather tanning and industrial leather products	
33. 00 Leather tanning and industrial leather products.	3111, 3121.
34 Footwear and other leather products	
34. 01 Footwear cut stock	3131.
34. 02 Footwear except rubber	314.
34. 03 Other leather products	3151, 3161, 317, 3199.
35 Glass and glass products	
35. 01 Glass and glass products except containers.	3211, 3229, 3231.
35. 02 Glass containers	3221.
36 Stone and clay products	
36. 01 Cement, hydraulic	3241.
36. 02 Brick and structural clay tile	3251.
36. 03 Ceramic wall and floor tile	3253.
36. 04 Clay refractories	3255.
36. 05 Structural clay products, n.e.c.	3259.
36. 06 Vitreous plumbing fixtures	3261.
36. 07 Food utensils, pottery	3262, 3263.
36. 08 Porcelain electrical supplies	3264.
36. 09 Pottery products, n.e.c.	3269.
36. 10 Concrete block and brick	3271.
36. 11 Concrete products, n.e.c.	3272.
36. 12 Ready-mixed concrete	3273.
36. 13 Lime	3274.
36. 14 Gypsum products	3275.
36. 15 Cut stone and stone products	3281.
36. 16 Abrasive products	3291.
36. 17 Asbestos products	3292.
36. 18 Gaskets and insulations	3293.
36. 19 Minerals, ground or treated	3295.
36. 20 Mineral wool	3296.
36. 21 Nonclay refractories	3297.
36. 22 Nonmetallic mineral products, n.e.c.	3299.
37 Primary iron and steel manufacturing	
37. 01 Blast furnaces and basic steel products.	331.
37. 02 Iron and steel foundries	332.
37. 03 Iron and steel forgings	3391.
37. 04 Primary metal products, n.e.c.	3399.
38 Primary nonferrous metals manufacturing	
38. 01 Primary copper	3331.
38. 02 Primary lead	3332.
38. 03 Primary zinc	3333.
38. 04 Primary aluminum	3334, 28195.
38. 05 Primary nonferrous metals, n.e.c.	3339.
38. 06 Secondary nonferrous metals	3341.
38. 07 Copper rolling and drawing	3351.
38. 08 Aluminum rolling and drawing	3352.
38. 09 Nonferrous rolling and drawing, n.e.c.	3356.
38. 10 Nonferrous wire drawing and insulating.	3357.
38. 11 Aluminum castings	3361.
38. 12 Brass, bronze and copper castings	3362.
38. 13 Nonferrous castings, n.e.c.	3369.
38. 14 Nonferrous forgings	3392.
39 Metal containers	
39. 01 Metal cans	3411.
39. 02 Metal barrels, drums and pails	3491.
40 Heating, plumbing and fabricated structural metal products	
40. 01 Metal sanitary ware	3431.
40. 02 Plumbing fittings and brass goods	3432.

Industry Classification of the 1963 Input-Output Tables

Industry number and title	Related SIC codes (1957 edition)
40.03	Heating equipment, except electric... 3433.
40.04	Fabricated structural steel... 3441.
40.05	Metal doors, sash and trim... 3442.
40.06	Fabricated plate work (boiler shops) . 3443.
40.07	Sheet metal work... 3444.
40.08	Architectural metal work... 3446.
40.09	Miscellaneous metal work... 3449.
41	Screw machine products, bolts, nuts, etc. and metal stampings
41.01	Screw machine products and bolts, nuts, rivets and washers. 345.
41.02	Metal stampings... 3461.
42	Other fabricated metal products
42.01	Cutlery... 3421.
42.02	Hand and edge tools including saws... 3423, 3425.
42.03	Hardware, n.e.c. 3429.
42.04	Coating, engraving and allied services. 3471, 3479.
42.05	Miscellaneous fabricated wire products. 3481.
42.06	Safes and vaults... 3492.
42.07	Steel springs... 3493.
42.08	Pipe, valves and pipe fittings... 3494, 3498.
42.09	Collapsible tubes... 3496.
42.10	Metal foil and leaf... 3497.
42.11	Fabricated metal products, n.e.c. 3499.
43	Engines and turbines
43.01	Steam engines and turbines... 3511.
43.02	Internal combustion engines, n.e.c. 3519.
44	Farm machinery
44.00	Farm machinery... 3522.
45	Construction, mining, oil field machinery equipment
45.01	Construction machinery... 3531.
45.02	Mining machinery... 3532.
45.03	Oil field machinery... 3533.
46	Materials handling machinery and equipment
46.01	Elevators and moving stairways... 3534.
46.02	Conveyors and conveying equipment. 3535.
46.03	Hoists, cranes and monorails... 3536.
46.04	Industrial trucks and tractors... 3537.
47	Metalworking machinery and equipment
47.01	Machine tools, metal cutting types... 3541.
47.02	Machine tools, metal forming types... 3542.
47.03	Special dies and tools and machine tool accessories. 3544, 3545.
47.04	Metalworking machinery n.e.c. 3548.
48	Special industry machinery and equipment
48.01	Food products machinery... 3551.
48.02	Textile machinery... 3552.
48.03	Woodworking machinery... 3553.
48.04	Paper industries machinery... 3554.
48.05	Printing trades machinery... 3555.
48.06	Special industry machinery, n.e.c. 3559.
49	General industrial machinery and equipment
49.01	Pumps and compressors... 3561.
49.02	Ball and roller bearings... 3562.
49.03	Blowers and fans... 3564.
49.04	Industrial patterns... 3565.
49.05	Power transmission equipment... 3566.
49.06	Industrial furnaces and ovens... 3567.
49.07	General industrial machinery, n.e.c. 3569.
50	Machine shop products
50.00	Machine shop products... 359.
51	Office, computing and accounting machines
51.01	Computing and related machines... 3571.

Industry Classification of the 1963 Input-Output Tables

Industry number and title	Related SIC codes (1957 edition)
51.02	Typewriters... 3572.
51.03	Scales and balances... 3576.
51.04	Office machines, n.e.c. 3579.
52	Service industry machines
52.01	Automatic merchandising machines... 3581.
52.02	Commercial laundry equipment... 3582.
52.03	Refrigeration machinery... 3585.
52.04	Measuring and dispensing pumps... 3586.
52.05	Service industry machines, n.e.c. 3589.
53	Electric transmission and distribution equipment and electrical industrial apparatus
53.01	Electric measuring instruments... 3611.
53.02	Transformers... 3612.
53.03	Switchgear and switchboard apparatus. 3613.
53.04	Motors and generators... 3621.
53.05	Industrial controls... 3622.
53.06	Welding apparatus... 3623.
53.07	Carbon and graphite products... 3624.
53.08	Electrical industrial apparatus, n.e.c. 3629.
54	Household appliances
54.01	Household cooking equipment... 3631.
54.02	Household refrigerators and freezers... 3632.
54.03	Household laundry equipment... 3633.
54.04	Electric housewares and fans... 3634.
54.05	Household vacuum cleaners... 3635.
54.06	Sewing machines... 3636.
54.07	Household appliances, n.e.c. 3639.
55	Electric lighting and wiring equipment
55.01	Electric lamps... 3641.
55.02	Lighting fixtures... 3642.
55.03	Wiring devices... 3643, 3644.
56	Radio, television and communication equipment.
56.01	Radio and television receiving sets... 3651.
56.02	Phonograph records... 3652.
56.03	Telephone and telegraph apparatus... 3661.
56.04	Radio and television communication equipment. 3662.
57	Electronic components and accessories
57.01	Electron tubes... 3671, 3672, 3673.
57.02	Semiconductors... 3674.
57.03	Electronic components, n.e.c. 3679.
58	Miscellaneous electrical machinery, equipment and supplies
58.01	Storage batteries... 3691.
58.02	Primary batteries, wet and dry... 3692.
58.03	X-ray apparatus and tubes... 3693.
58.04	Engine electrical equipment... 3694.
58.05	Electrical equipment, n.e.c. 3699.
59	Motor vehicles and equipment
59.01	Truck and bus bodies... 3713.
59.02	Truck trailers... 3715.
59.03	Motor vehicles and parts... 3717.
60	Aircraft and parts
60.01	Aircraft... 3721.
60.02	Aircraft engines and parts... 3722.
60.03	Aircraft propellers and parts... 3723.
60.04	Aircraft equipment, n.e.c. 3729.
61	Other transportation equipment
61.01	Shipbuilding and repairing... 3731.
61.02	Boatbuilding and repairing... 3732.
61.03	Locomotives and parts... 3741.
61.04	Railroad and street cars... 3742.
61.05	Motoreycles, bicycles and parts... 3751.
61.06	Trailer coaches... 3791.
61.07	Transportation equipment, n.e.c. 3799.
62	Professional, scientific and controlling instruments and supplies
62.01	Engineering and scientific instruments. 3811.

Industry Classification of the 1963 Input-Output Tables

Industry number and title	Related SIC codes (1957 edition)
62. 02 Mechanical measuring devices.....	3821.
62. 03 Automatic temperature controls.....	3822.
62. 04 Surgical and medical instruments.....	3841.
62. 05 Surgical appliances and supplies.....	3842.
62. 06 Dental equipment and supplies.....	3843.
62. 07 Watches, clocks and parts.....	387.
63 Optical, ophthalmic and photographic equipment and supplies	
63. 01 Optical instruments and lenses.....	3831.
63. 02 Ophthalmic goods.....	3851.
63. 03 Photographic equipment and supplies.	3861.
64 Miscellaneous manufacturing	
64. 01 Jewelry, including costume, and silverware.	391, 3961.
64. 02 Musical instruments and parts.....	3931.
64. 03 Games, toys, etc.....	3941, 3942, 3943.
64. 04 Sporting and athletic goods, n.e.c.....	3949.
64. 05 Pens, pencils, etc.....	395.
64. 06 Artificial flowers.....	3962.
64. 07 Buttons, needles, pins and fasteners..	3963, 3964.
64. 08 Brooms and brushes.....	3981.
64. 09 Hard surface floor covering.....	3982.
64. 10 Morticians goods.....	3988.
64. 11 Signs and advertising displays.....	3993.
64. 12 Miscellaneous manufactures, n.e.c.....	3983, 3984, 3987, 3995, 3999.
TRANSPORTATION, COMMUNICATION, ELECTRIC, GAS, AND SANITARY SERVICES	
65 Transportation and warehousing	
65. 01 Railroads and related services.....	40, 474.
65. 02 Local, suburban and interurban highway passenger transportation.	41.
65. 03 Motor freight transportation and warehousing.	42, 473.
65. 04 Water transportation.....	44.
65. 05 Air transportation.....	45.
65. 06 Pipe line transportation.....	46.
65. 07 Transportation services.....	47, excluding 473, 474.
66 Communications, except radio and television broadcasting	
66. 00 Communications, except radio and television.	48, excluding 483.
67 Radio and television broadcasting	
67. 00 Radio and television broadcasting...	483.
68 Electric, gas, water and sanitary services	
68. 01 Electric utilities.....	491, pt. 493.
68. 02 Gas utilities.....	492, pt. 493.
68. 03 Water and sanitary services.....	494, 495, 496, 497, pt. 493.
WHOLESALE AND RETAIL TRADE	
69 Wholesale and retail trade	
69. 01 Wholesale trade.....	50 (excluding manufacturers' sales offices).
69. 02 Retail trade.....	52, 53, 54, 55, 56, 57, 58, 59, 7396.
FINANCE, INSURANCE AND REAL ESTATE	
70 Finance and insurance	
70. 01 Banking.....	60.
70. 02 Credit agencies.....	61, 67.
70. 03 Security and commodity brokers.....	62.
70. 04 Insurance carriers.....	63.
70. 05 Insurance agents and brokers.....	64.
71 Real estate and rental	
71. 01 Owner-occupied dwellings.....	
71. 02 Real estate.....	65 (excluding pt. 6561), 66.

Industry Classification of the 1963 Input-Output Tables

Industry number and title	Related SIC codes (1957 edition)
SERVICES	
72 Hotels and lodging places; personal and repair services, except automobile repair	
72. 01 Hotels and lodging places.....	70.
72. 02 Personal and repair services except auto repair and barber and beauty shops.	72 (excluding 723, 724) 76 (excluding 7694 and pt. 7699). 723, 724.
72. 03 Barber and beauty shops.....	
73 Business services	
73. 01 Miscellaneous business services.....	73 (excluding 731, 7396), 7694, pt. 7699.
73. 02 Advertising.....	731.
73. 03 Miscellaneous professional services...	81, 89 (excluding 8921).
74 Research and development	
Eliminated as a separate industry in the 1963 study. Research and development performed for sale is distributed to the purchaser by each of the industries performing the research and development.	
75 Automobile repair and services	
75. 00 Automobile repair and services.....	75.
76 Amusements	
76. 01 Motion pictures.....	78.
76. 02 Amusement and services.....	79.
77 Medical, educational services and nonprofit organizations	
77. 01 Doctors and dentists.....	801, 802, 803, 804.
77. 02 Hospitals.....	8061.
77. 03 Other medical and health services....	0722, 807, 809.
77. 04 Educational services.....	82.
77. 05 Nonprofit organizations.....	84, 86, 8921.
GOVERNMENT ENTERPRISES	
78 Federal Government enterprises	
78. 01 Post Office.....	
78. 02 Federal electric utilities.....	
78. 03 Commodity Credit Corporation.....	
78. 04 Other Federal Government enterprises..	
79 State and local government enterprises	
79. 01 Local government passenger transit..	
79. 02 State and local electric utilities.....	
79. 03 Other state and local government enterprises.	
IMPORTS	
80 Gross imports of goods and services	
80. 01 Directly allocated imports.....	
80. 02 Transferred imports.....	
DUMMY INDUSTRIES	
81 Business travel, entertainment and gifts	
81. 00 Business travel, entertainment and gifts.....	
82 Office supplies	
82. 00 Office supplies.....	
83 Scrap, used and secondhand goods	
83. 00 Scrap, used and secondhand goods...	
SPECIAL INDUSTRIES	
84 Government industry	
84. 00 Government industry.....	
85 Rest of the world industry	
85. 00 Rest of the world industry.....	
86 Household industry	
86. 00 Household industry.....	

Table 1.—Interindustry

(In millions of dollars at producers' prices)

Industry No.	For the distribution of output of an industry, read the row for that industry. For the composition of inputs to an industry, read the column for that industry.	Livestock and live-stock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry and fishery services	Iron and ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining	New construction	Maintenance and repair construction	Ordnance and accessories
		1	2	3	4	5	6	7	8	9	10	11	12	13
		1	Livestock & Livestock Products.....	4,750	1,819	117	192							
2	Other Agricultural Products.....	7,897	769	117	550							323	(*)	
3	Forestry & Fishery Products.....			35										
4	Agricultural, Forestry & Fishery Services.....	445	1,053	74										
5	Iron & Ferroalloy Ores Mining.....					55	1	(*)		(*)	1			
6	Nonferrous Metal Ores Mining.....					25	263	(*)		5	(*)			
7	Coal Mining.....	6	1			5	1	410	(*)	5	1			1
8	Crude Petroleum & Natural Gas.....								297					
9	Stone and Clay Mining and Quarrying.....	1	85		(*)	5	(*)	1		17	5	478	259	
10	Chemical & Fertilizer Mineral Mining.....		35				6	(*)		1	31			
11	New Construction.....													
12	Maintenance & Repair Construction.....	200	367			1	7	14	379	11	3	17	7	6
13	Ordnance & Accessories.....											5	(*)	161
14	Food & Kindred Products.....	3,554	2	44	34						(*)	26	3	
15	Tobacco Manufactures.....										(*)			
16	Broad & Narrow Fabrics, Yarn & Thread Mills.....		9				(*)				(*)	31	(*)	
17	Miscellaneous Textile Goods & Floor Coverings.....	9	29	62	41	(*)	(*)	(*)	2	(*)	(*)	124	3	(*)
18	Apparel.....						(*)					29	13	4
19	Miscellaneous Fabricated Textile Products.....	17	43	1								7	(*)	
20	Lumber & Wood Products, Except Containers.....	2	2			2	10	17	(*)	(*)	(*)	3,553	723	16
21	Wooden Containers.....		97		14									5
22	Household Furniture.....											342		(*)
23	Other Furniture & Fixtures.....											184	4	2
24	Paper & Allied Products, Except Containers.....	12	1	(*)	(*)	(*)	(*)	1	2	6	2	208	71	3
25	Paperboard Containers & Boxes.....	2	3		86	(*)	(*)					4	(*)	7
26	Printing & Publishing.....	5	9	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2	1	1
27	Chemicals & Selected Chemical Products.....	57	1,424	2	1	21	56	38	101	34	20	201	54	16
28	Plastics & Synthetic Materials.....						(*)	(*)	(*)	(*)	(*)	1	(*)	1
29	Drugs, Cleaning & Toilet Preparations.....	83		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2	(*)	1
30	Paints & Allied Products.....											308	859	(*)
31	Petroleum Refining & Related Industries.....	170	954	34	3	11	7	23	64	52	6	1,119	540	13
32	Rubber & Miscellaneous Plastics Products.....	29	114	1	(*)	7	10	33	16	70	2	487	139	103
33	Leather Tanning & Industrial Leather Products.....											(*)	(*)	(*)
34	Footwear & Other Leather Products.....	7		(*)	3	(*)	(*)	(*)	(*)	(*)	(*)	1	(*)	(*)
35	Glass & Glass Products.....	5										81	93	
36	Stone & Clay Products.....	1	39	(*)	(*)	4	2	3	41	116	(*)	5,813	410	(*)
37	Primary Iron & Steel Manufacturing.....					21	27	39	30	28	14	2,125	317	149
38	Primary Nonferrous Metal Manufacturing.....	1	1			1	(*)	(*)		2	2	1,244	209	193
39	Metal Containers.....	8	13	21										
40	Heating, Plumbing & Structural Metal Products.....					(*)	2		18	2	1	6,159	569	10
41	Stampings, Screw Machine Products & Bolts.....	25										112	19	35
42	Other Fabricated Metal Products.....	21	31	15	132	1	4	12	13	4	1	975	269	35
43	Engines & Turbines.....					8	11	36	16	37	5	26	26	3
44	Farm Machinery & Equipment.....	5	229									2	1	(*)
45	Construction, Mining & Oil Field Machinery.....					24	30	85	25	48	16	238	71	3
46	Materials Handling Machinery & Equipment.....					(*)	3	1		16	4	257	96	1
47	Metalworking Machinery & Equipment.....					1	1	5				11	(*)	22
48	Special Industry Machinery & Equipment.....													1
49	General Industrial Machinery & Equipment.....			(*)	(*)	(*)	1	2	25	23	2	210	43	20
50	Machine Shop Products.....	3	7	(*)	(*)	(*)	32	11	(*)	8	2	12	1	13
51	Office, Computing & Accounting Machines.....													(*)
52	Service Industry Machines.....											404	116	10
53	Electric Industrial Equipment & Apparatus.....					(*)	1	7	82	7	5	337	56	25
54	Household Appliances.....											184	99	5
55	Electric Lighting & Wiring Equipment.....	1	1	36	(*)	(*)	1	11	(*)	1	1	1,123	183	46
56	Radio, Television & Communication Equipment.....					(*)	(*)		4			79	20	281
57	Electronic Components & Accessories.....					(*)	(*)		1			1	1	106
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	6	25	2	(*)	(*)	(*)	1	15	1	(*)	37	10	18
59	Motor Vehicles & Equipment.....	7	14	(*)	(*)	2	2	8	1	15	1	36	14	1
60	Aircraft & Parts.....													1,868
61	Other Transportation Equipment.....	(*)	4	21	(*)	(*)	2	9		(*)	(*)	4	(*)	17
62	Scientific & Controlling Instruments.....			1	(*)	(*)	1		4			208	70	40
63	Optical, Ophthalmic & Photographic Equipment.....											4	(*)	53
64	Miscellaneous Manufacturing.....	2	2	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)	89	77	1
65	Transportation & Warehousing.....	606	308	44	26	126	30	46	281	34	39	2,143	490	28
66	Communications: Except Radio & TV Broadcasting.....	52	83			1	2	4	9	1	3	180	79	52
67	Radio & TV Broadcasting.....													
68	Electric, Gas, Water & Sanitary Services.....	96	204	(*)	1	27	41	65	141	62	36	205	90	26
69	Wholesale & Retail Trade.....	870	843	56	42	21	28	58	145	54	14	5,453	1,702	93
70	Finance & Insurance.....	156	315	3	6	7	25	28	94	29	6	401	161	27
71	Real Estate & Rental.....	289	2,020		41	111	42	73	2,246	45	11	307	134	30
72	Hotels, Personal & Repair Services exc. Auto.....													10
73	Business Services.....	139	836	1	(*)	33	14	28	108	22	6	2,959	281	110
74	Automobile Repair & Services.....	76	161	7	1	1	2	8	42	19	1	235	101	9
75	Amusements.....													
76	Medical, Educational Services & Nonprofit Organizations.....	181	13			1	1	2	5	(*)	2	57	24	8
77	Federal Government Enterprises.....	4	4	(*)	(*)	1	1	2	5	1	2	18	8	10
78	State & Local Government Enterprises.....	(*)	1	(*)	(*)	1	1	1	3	2	1	28	10	(*)
79	Directly Allocated Imports.....	2	214											
80A	Transferred Imports.....	174	221	428		423	213	2	1,046	108	88	359	154	18
81	Business Travel, Entertainment & Gifts.....	18	32	18	16	3	7	11	67	11	2	17	7	49
82	Office Supplies.....	1	1	(*)	(*)	(*)	(*)	1	5	1	(*)	38		10
83	Scrap, Used & Secondhand Goods.....			5		1	5	1		5	1			
84	Government Industry.....													
85	Rest of the World Industry.....													
86	Household Industry.....													
87	Inventory Valuation Adjustment.....													
I.	Intermediate Inputs, Total.....	19,992	12,437	1,153	1,190	954	893	1,097	5,338	901	336	39,629	8,663	3,777
VA.	Value Added.....	6,692	14,830	598	582	475	625	1,540	8,926	1,123	360	25,890	11,132	2,625
T.	Total.....	26,684	27,266	1,751	1,772	1,429	1,519	2,637	12,265	2,024	696	65,519	19,794	6,302
TR.	Transfers ¹	210	261	709	550	555	237	3	1,365	258	116			1,389

*Less than \$500,000.

1. Entry in each column represents the sum of the value of transferred imports at domestic port value and the value of the secondary output of other industries which has been transferred to the industry named at the head of the column. See text for further discussion.

2. The detailed entries reflect gross exports of goods and services from each producing industry. Imports in total are shown as negative entries in this column on rows 80A and 80B. Therefore, the sum of the column equals the GNP component "net exports of goods and services."

Transactions, 1963

[In millions of dollars at producers' prices]

Food and kindred products	Tobacco manufactures	Bread and narrow fabrics, yarn and thread mills	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products, except containers	Wooden containers	Household furniture	Other furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	Printing and publishing	Chemicals and selected chemical products	Plastics and synthetic materials	Drugs, cleaning, and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscellaneous plastics products	Industry No.
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
16,305		47	181			170							17		2				1
6,093	1,125	1,328	29	115		916							28		8				2
304															1				3
													83						4
													85						5
39	2	13	1	2	(*)	2	(*)	1	1	76	1	1	68	24	4	(*)	9	9	6
7		(*)				(*)				56	(*)		32				9,813		7
5						(*)				12			33	(*)	3	5	79	10	8
						(*)				470			470		2		1	(*)	9
148	7	29	9	15	4	36	1	5	3	45	12	26	81	24	25	6	349	27	10
												4							11
12,888	1	32	21	(*)	(*)	1	(*)		(*)	123	(*)	4	(*)	241	20	322	100	(*)	12
																		(*)	13
15	1,764							214	2	71	(*)	4	2	1	1	1	(*)	(*)	14
3		4,287	648	4,910	1,245	(*)		105	35	31	(*)	23	(*)	7	3	(*)	1	(*)	15
50		512	250	58	315	(*)		7	2	10	(*)	5	(*)	1	1	(*)	1	(*)	16
3		33	29	3,199	61	14	1	2	2	19	(*)	4	(*)	3	3	(*)	3	(*)	17
95		45	94	281	272	1	157	2	1	19	(*)	28	15	(*)	12	(*)	4	(*)	18
9		(*)	(*)	(*)	8	3,172	24	568	150	800	(*)	2	42	3	2	(*)	28	2	19
88	5	(*)	3	(*)	2	19	13	1	39	1	(*)	(*)	4	2	2	(*)	4	(*)	20
(*)		(*)			(*)	(*)	2	72	42	1	(*)	(*)	2					(*)	21
					(*)	(*)	26	24	2	(*)	(*)	18	(*)					(*)	22
902	35	53	47	11	23	(*)	(*)	3	2	2,260	1,890	2,630	201	212	74	1	102	(*)	23
1,138	97	69	29	127	28	18	2	53	32	392	136	91	90	41	214	19	61	161	24
450	51	1	3	2	2	1	(*)	(*)	40	104	49	1,806	2	1	32	(*)	1	2	25
244	2	345	15	14	1	94	(*)	7	1	458	81	384	2,983	2,322	966	499	581	383	26
102	78	1,091	557	349	28	16	(*)	7	(*)	183	39	34	346	100	27	228	(*)	1,790	27
216	6	35	8	10	1	2	(*)	1	1	15	(*)	34	230	22	516	21	66	5	28
(*)	(*)	(*)	(*)	(*)	(*)	51	(*)	91	36	(*)	(*)	15	65	22	11	1	20	10	29
210	2	22	8	17	2	47	(*)	6	4	106	(*)	35	43	111	58	105	1,622	21	30
254	3	29	73	28	102	14	(*)	253	90	184	2	72	1,059	111	289	10	2	445	31
3		1		40		2	(*)	4	2	2	(*)	(*)	28	104	1		2	5	32
(*)	(*)	(*)	(*)	16		14	(*)	(*)	(*)	(*)	(*)	(*)	4	1	(*)	(*)	(*)	(*)	13
776	1	42	5	5	2	14	(*)	27	40	49	(*)	7	10	1	163	1	1	24	34
1	1	1		(*)	3	54	(*)	15	15	181	(*)	(*)	36	(*)	19	11	55	74	35
2	1	1		(*)	3	46	(*)	92	2	20	(*)	(*)	227	(*)	3	23	1	50	36
1,593	9			3	3	7	(*)	32	20	13	(*)	(*)	213	3	148	134	50	24	37
						18	(*)	5	10	(*)	(*)	(*)	156	14	180	134	4	2	38
201		(*)	(*)	(*)	(*)	18	(*)	12	25	(*)	(*)	(*)	1	(*)	32	(*)	(*)	(*)	39
216	42	7	1	18	3	171	1	272	82	168	21	24	1	2	81	1	7	66	40
						(*)	(*)	2	2				96	2					41
						(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	42
						(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	43
						(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	44
						(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	45
						(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	46
7	(*)	3	(*)	2	1	4	(*)	1	(*)	5	1	2	7	1	1	(*)	4	(*)	47
						(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	48
35	(*)	75	11	7	1	33	(*)	(*)	(*)	29	(*)	(*)	148	1	(*)	(*)	(*)	(*)	49
5	(*)	1	(*)	1	(*)	4	(*)	(*)	(*)	25	(*)	(*)	25	1	(*)	(*)	(*)	(*)	50
4	(*)		(*)	(*)	(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	51
(*)	(*)	(*)	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	52
						(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	53
1	(*)	(*)	1	(*)	(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	54
						1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	55
						1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	56
7	(*)	(*)	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	57
15	(*)	(*)	(*)	1	(*)	1	(*)	(*)	(*)	2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	58
						1	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	59
						1	(*)	(*)	(*)	2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	60
						1	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	61
7	(*)	3	6	11	4	3	(*)	6	14	6	(*)	5	2	(*)	62	(*)	1	9	62
2	1	1	(*)	3	(*)	1	(*)	1	(*)	13	(*)	135	1	(*)	(*)	(*)	1	8	63
8	(*)	2	40	354	17	17	(*)	10	3	5	(*)	30	20	1	17	1	3	65	64
2,461	31	214	79	108	21	345	20	89	35	489	147	181	456	122	140	50	966	170	65
191	3	26	9	77	11	29	1	19	12	38	21	190	63	23	40	13	26	33	66
																			67
495	8	131	23	64	12	83	4	23	13	274	29	85	589	71	36	11	390	106	68
2,597	65	447	206	641	141	268	12	174	70	424	100	368	493	177	304	121	398	299	69
382	15	49	14	89	17	82	2	35	23	73	16	119	96	34	57	16	214	49	70
369	13	62	22	215	26	81	4	86	29	79	47	882	100	43	86	21	418	76	71
176	11	3	2	3	3	3	(*)	2	1	17	9	28	10	3	34	9	9	11	72
2,200	312	122	37	236	28	138	4	83	33	203	82	503	361	163	1,287	67	487	231	73
182	1	5	2	12	2	29	1	5	3	9	5	34	15	4	6	2	8	8	75
																			76
34	1	3	1	9	5	4	(*)	2	1	5	3	28	7	3	5	2	3	5	77
51	13	10	4	46	1	6	(*)	5	3	11	4	180	30	3	18	4	14	10	78
26	(*)	2	(*)	1	(*)	2	(*)	(*)	(*)	5	(*)	5	8	2	1	(*)	2	2	79
1,258		108	47	16	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	68	5	13		241	80A	
1,197	7																		

Table I.—Interindustry

[In millions of dollars at producers' prices]

Industry No.	For the distribution of output of an industry, read the row for that industry.													
	Leather tanning and industrial leather products	Footwear and other leather products	Glass and glass products	Stone and clay products	Primary iron and steel manufacturing	Primary nonferrous metal manufacturing	Metal containers	Heating, plumbing and structural metal products	Stampings, screw machine products and bolts	Other fabricated metal products	Engines and turbines	Farm machinery and equipment	Construction, mining and oil field machinery	
	33	34	35	36	37	38	39	40	41	42	43	44	45	
1		57												
2					7									
3														
4														
5				17	1,168	15				1				
6					1	891								
7	2	(*)	(*) 3	(*) 82	470	13	(*)	1	1	2	2	2	2	
8														
9				37	797	70		1		2	(*)	(*)	(*)	
10	(*)		1	24	12	(*)				(*)				
11														
12	1	4	13	43	173	44	3	15	6	13	4	3	6	
13					5	(*)		18	20	5	12	(*)	(*)	
14	240	1	(*)	4	(*)	6	4		(*)	(*)				
15														
16		99		14	12					1				
17		107	(*)	17	(*)	13	(*)	2	(*)	44	(*)	(*)	(*)	
18		33	4	10	20	7	2	9	5	9	2	3	3	
19		30	(*)	20				1	(*)	1		(*)		
20	1	39	58	29	35	22	2	21	36	57	2	7	3	
21	(*)	3	11	2	3	2	(*)	9	3	5	1	2	1	
22			14	(*)		(*)		2	(*)	13		(*)		
23		(*)						11	6	7		2		
24	(*)	15	2	147	7	21	1	15	18	61	1	1	2	
25	3	55	134	41	16	12	44	42	55	88	8	9	6	
26	(*)	1	(*)	1	2	1	88	1	1	4	(*)	(*)	1	
27	32	(*)	130	172	411	148	8	38	36	123	4	8	6	
28	(*)	8	(*)	71	(*)	128	3	24	(*)	(*)				
29	39	7	1	25	2	1	2	6	3	5	(*)	1	1	
30	(*)	(*)	5	2	(*)	1	78	90	27	66	1	16	12	
31	3	3	8	112	157	82	4	26	18	32	10	7	10	
32	8	315	62	100	15	16	7	13	65	124	5	58	80	
33	179	607	(*)	3	5	2		1	(*)	10	(*)	14	(*)	
34	2	100	(*)	(*)	(*)	(*)	(*)	(*)	(*)	10	(*)	(*)	(*)	
35	1	190	2	2	1	1		74	1	10				
36	1	(*)	78	1,065	45	35	5	21	19	72	18	9	14	
37		6	7	111	4,897	136	993	2,154	1,047	1,543	235	424	639	
38		1	16	23	528	4,883	35	671	287	742	92	22	46	
39				1	1	1	1	11	18	1	1			
40				8	4	3	183	30	68	4	6	40		
41	(*)	(*)	2	2	149	43	48	165	100	141	57	87	47	
42	1	31	1	101	424	67	5	339	71	338	25	51	91	
43				2	11	15	16	4	195	139	121	88		
44		(*)		(*)	32	(*)	2	20	4	25	147	88		
45				46	20	(*)	(*)	38	(*)	24	23	20	164	
46	(*)	1	1	13	13	4	(*)	15	1	16	8	2	30	
47			3	27	80	73	3	34	51	114	62	42	131	
48			(*)	1	47	7	(*)	13	7	23	8	4	7	
49	(*)	(*)	(*)	11	126	42	(*)	85	29	55	92	262	268	
50	(*)	(*)	(*)	1	172	109	(*)	8	(*)	(*)	82	83	16	
51				(*)	5	15	3	137	1	14	(*)	(*)	7	
52	(*)			11	139	27	2	122	3	48	26	8	49	
53			10	(*)	5	6		18	5	31	(*)	(*)	(*)	
54			(*)	14	5	31	(*)	(*)	1	6	(*)	11	(*)	
55	(*)	(*)	(*)	1	(*)	22	(*)	6	15	13	45	3	1	
56	(*)	(*)	(*)	1	(*)	1	(*)	3	2	5	(*)	3	2	
57	(*)	(*)	(*)	1	5	50	(*)	2	1	13	53	29	5	
58	(*)	(*)	(*)	1	1	50	(*)	2	2	13	53	24	95	
59	(*)	(*)	(*)	8	77	70	(*)	12	122	53	24	43	5	
60			(*)	(*)	(*)	11	(*)	25	2	41	76	(*)	17	
61					1	(*)		75	(*)	11	32	14	21	
62	(*)	12	2	2	22	6	(*)	59	17	37	7	4	8	
63	(*)	11	1	2	1	2	(*)	3	1	1	(*)	13	(*)	
64	(*)	67	1	26	31	9	(*)	3	10	35	13	(*)	(*)	
65	14	34	65	527	1,146	330	57	142	71	105	25	55	49	
66	2	15	10	47	103	45	4	55	25	35	10	11	16	
67														
68	9	13	113	308	624	325	17	63	44	82	13	18	27	
69	35	112	108	244	737	425	73	280	112	251	74	118	132	
70	6	22	21	77	214	72	18	54	35	59	8	24	39	
71	10	28	24	61	55	56	17	110	52	85	3	13	23	
72	(*)	1	2	4	12	3	1	27	3	5	2	3	3	
73	8	86	66	197	328	144	47	146	79	163	38	79	56	
74	(*)	3	3	28	19	7	1	10	3	8	3	3	4	
75														
76														
77	(*)	2	1	6	9	4	1	6	3	5	2	2	3	
78	1	12	4	9	16	7	1	9	5	9	3	4	5	
79	(*)	(*)	1	10	8	3	(*)	1	1	1	1	(*)	1	
80A	4	1	13	13	6									
80B	50	4	59	108	715	1,103	8	4	44	161	24	131	22	
81	3	22	20	70	83	47	12	82	31	78	17	21	29	
82	1	5	3	8	15	6	1	9	4	8	2	3	4	
83			14	2	661	610		14		12				
84														
85														
86														
87														
I														
Value Added	716	1,921	1,325	4,953	14,166	10,292	1,610	5,625	2,718	5,220	1,467	2,068	2,455	
T	251	1,505	1,607	4,594	10,453	3,980	835	3,371	2,237	3,743	931	1,013	1,607	
Total	967	3,427	2,932	9,548	24,618	14,272	2,445	8,996	4,955	8,963	2,398	3,080	4,062	
Transfers	69	75	134	383	1,264	1,530	76	778	655	1,557	354	267	389	

Transactions, 1963—Continued

[In millions of dollars at producers' prices]

Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Machine shop products	Office, computing and accounting machines	Service industry machines	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, television and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery, equipment and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment	Scientific and controlling instruments	Optical, ophthalmic and photographic equipment	Miscellaneous manufacturing	Industry No.
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
																			1
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																			I.
																			V.A.
																			T.
																			T.F.
1,020	2,632	2,175	2,943	1,121	1,905	2,304	3,490	3,157	1,803	6,499	2,383	1,281	28,139	7,711	3,109	2,421	1,104	4,284	
595	2,512	1,541	2,410	1,137	2,020	1,088	3,006	1,515	1,279	5,942	2,131	975	11,892	6,604	1,786	1,659	1,430	2,868	
1,617	5,144	3,716	5,354	2,257	3,925	3,391	6,495	4,673	3,081	12,440	4,512	2,256	40,031	14,317	4,894	4,280	2,534	7,152	
240	706	476	798	166	286	611	709	495	288	866	666	317	711	687	227	696	247	734	

Table 1.—Interindustry

[In millions of dollars at producers' prices]

Industry No.	For the distribution of output of an industry, read the row for that industry. For the composition of inputs to an industry, read the column for that industry.													
	Transportation and warehousing	Communications, except radio and TV broadcasting	Radio and TV broadcasting	Electric gas, water and sanitary services	Wholesale and retail trade	Finance and insurance	Real estate and rental	Hotels, personal and repair services except auto	Business services	Automobile repair and services	Amusements	Medical, educational services and non-profit organizations	Federal Government enterprises	
	65	66	67	68	69	70	71	72	73	75	76	77	78	
1 Livestock & Livestock Products.....	2						960				18	6		
2 Other Agricultural Products.....	88						1,583					36	636	
3 Forestry & Fishery Products.....														
4 Agricultural, Forestry & Fishery Services.....					169		17					(*)		
5 Iron & Ferroalloy Ores Mining.....				3	(*)		7						(*)	
6 Nonferrous Metal Ores Mining.....				1	1		6		(*)				(*)	
7 Coal Mining.....	9			636	2		10	1	(*)			11	67	
8 Crude Petroleum & Natural Gas.....	21			1,948	7		80		1					
9 Stone and Clay Mining and Quarrying.....				(*)	4		15	1	1				(*)	
10 Chemical & Fertilizer Mineral Mining.....	1			(*)	(*)		4		(*)				(*)	
11 New Construction.....														
12 Maintenance & Repair Construction.....	1,159	386		889	397	112	7,215	150	31	23	81	669	42	
13 Ordnance & Accessories.....					19		1		1				(*)	
14 Food & Kindred Products.....	182			2	732		107	2	1			302	214	
15 Tobacco Manufactures.....				(*)	4		6							
16 Broad & Narrow Fabrics, Yarn & Thread Mills.....				(*)	2		18	44	3				18	
17 Miscellaneous Textile Goods & Floor Coverings.....	17	(*)	(*)	(*)	20	(*)	3	6	(*)	(*)	(*)	(*)	4	
18 Apparel.....	15	4		7	105		36	64		6		3		
19 Miscellaneous Fabricated Textile Products.....					42		1	87		6		16	6	
20 Lumber & Wood Products, Except Containers.....	3			2	86		27						(*)	
21 Wooden Containers.....					51		2							
22 Household Furniture.....				(*)	23		5							
23 Other Furniture & Fixtures.....					20		3						(*)	
24 Paper & Allied Products, Except Containers.....	10	9	(*)	22	782	195	28	48	89	3	1	51	14	
25 Paperboard Containers & Boxes.....	10			1	580		7	24	13			2	1	
26 Printing & Publishing.....	47	1	1	2	236	300	85	8	7,057	(*)	47	456	16	
27 Chemicals & Selected Chemical Products.....	40	2	(*)	55	151	1	237	59	113	5	61	47	3	
28 Plastics & Synthetic Materials.....				2	44		33						2	
29 Drugs, Cleaning & Toilet Preparations.....	4	(*)	(*)	(*)	215	(*)	54	251	118	(*)	(*)	599	5	
30 Paints & Allied Products.....	5	(*)	(*)	(*)	32	(*)	8	7	10	74	(*)	(*)	(*)	
31 Petroleum Refining & Related Industries.....	1,544	86	1	223	1,358	84	490	145	116	120	18	146	17	
32 Rubber & Miscellaneous Plastics Products.....	197	15	1	6	322	8	67	58	17	234	2	43	9	
33 Leather Tanning & Industrial Leather Products.....	(*)			(*)	2		2	12					(*)	
34 Footwear & Other Leather Products.....	(*)	(*)	(*)	(*)	23	(*)	8	150	(*)	(*)	5	(*)	(*)	
35 Glass & Glass Products.....	3				38		12	(*)	73			4	(*)	
36 Stone & Clay Products.....	8	(*)		1	154	(*)	30	62	11	108	(*)	3	1	
37 Primary Iron & Steel Manufacturing.....	225			58	46		26							
38 Primary Nonferrous Metal Manufacturing.....	20	7		17	39		14	5	2				(*)	
39 Metal Containers.....					5		6							
40 Heating, Plumbing & Structural Metal Products.....				(*)	119		48							
41 Stampings, Screw Machine Products & Bolts.....	7				51		11			122		2	2	
42 Other Fabricated Metal Products.....					112		14	53	12	83		2	(*)	
43 Engines & Turbines.....	103			2	15		1		100	33				
44 Farm Machinery & Equipment.....	56			1	18		6		86					
45 Construction, Mining & Oil Field Machinery.....					46		14		14					
46 Materials Handling Machinery & Equipment.....	1				18		6						(*)	
47 Metalworking Machinery & Equipment.....	20				32		14		19	1				
48 Special Industry Machinery & Equipment.....					53		79							
49 General Industrial Machinery & Equipment.....	13			(*)	53		14						(*)	
50 Machine Shop Products.....	10	1	(*)	(*)	17	(*)	6	2	2	109	(*)	1	(*)	
51 Office, Computing & Accounting Machines.....					47		47		302				(*)	
52 Service Industry Machines.....	1				36		3		102				(*)	
53 Electric Industrial Equipment & Apparatus.....	28			(*)	42		27	32	116	16			(*)	
54 Household Appliances.....					49		16	146					1	
55 Electric Lighting & Wiring Equipment.....	13	(*)	(*)	24	63	(*)	1	8	1	13	(*)	1	1	
56 Radio, Television & Communication Equipment.....	(*)	172	7	1	40		13		5			(*)		
57 Electronic Components & Accessories.....	34				33		14	404				3	(*)	
58 Miscellaneous Electrical Machinery, Equipment & Supplies.....	83	3	(*)	2	90	2	8	5	28	193	(*)	4	1	
59 Motor Vehicles & Equipment.....	110	4	(*)	3	99	2	36	5	4	846	1	5	8	
60 Aircraft & Parts.....	204				107		16		1			1		
61 Other Transportation Equipment.....	255			(*)	17		17	9	15				(*)	
62 Scientific & Controlling Instruments.....	3				67		18	3	6	(*)		236	(*)	
63 Optical, Ophthalmic & Photographic Equipment.....	1	1	2	(*)	60	3	14	130	167		111	62	(*)	
64 Miscellaneous Manufacturing.....	1	(*)	(*)	(*)	189		13	319	376	(*)	34	47	1	
65 Transportation & Warehousing.....	3,168	17	1	570	907	45	302	102	76	84	17	116	1,290	
66 Communications, Except Radio & TV Broadcasting.....	370	99	102	80	1,267	848	177	128	854	70	54	403	9	
67 Radio & TV Broadcasting.....			13				10		2,224			17		
68 Electric, Gas, Water & Sanitary Services.....	250	146	23	5,829	2,071	595	177	224	454	71	84	950	64	
69 Wholesale & Retail Trade.....	1,044	124	27	166	2,159	390	1,255	430	699	1,274	132	589	64	
70 Finance & Insurance.....	654	113	24	216	1,897	6,063	2,611	220	244	165	105	102	15	
71 Real Estate & Rental.....	890	252	52	167	6,416	1,625	2,769	861	1,366	303	721	2,694	137	
72 Hotels, Personal & Repair Services exc. Auto.....	13	4			258		210	395	197	8	7	147	3	
73 Business Services.....	692	235	93	493	5,687	2,519	1,687	413	1,362	116	343	662	108	
75 Automobile Repair & Services.....	608	104	1	44	972	78	131	127	179	37	19	151	16	
76 Amusements.....		2	606	87	1	127	2	114			1,481	31	(*)	
77 Medical, Educational Services & Nonprofit Organizations.....	46	12	2	8	120	358	76	42	51	6	19	311	1	
78 Federal Government Enterprises.....	91	65	3	520	1,186	653	328	42	673	6	28	249	2	
79 State & Local Government Enterprises.....	993	7	(*)	3,841	449	93	636	9	15	154	2	23	2	
80A Directly Allocated Imports.....	758	39			26	130					133		244	
80B Transferred Imports.....	1,017				105		15							
81 Business Travel, Entertainment & Gifts.....	182	96	57	113	1,189	455	85	218	879	49	201	556	60	
82 Office Supplies.....	63	56	3	25	266	578	44	28	66	5	11	130	5	
83 Scrap, Used & Secondhand Goods.....					7					24				
84 Government Industry.....														
85 Rest of the World Industry.....														
86 Household Industry.....														
87 Inventory Valuation Adjustment.....														
I. Intermediate Inputs, Total.....	15,342	2,062	1,019	15,787	32,165	15,153	22,298	5,542	18,382	4,439	3,736	9,980	3,090	
V.A. Value Added.....	23,873	11,433	1,289	13,874	88,448	18,548	61,589	9,823	17,563	6,427	3,961	23,180	2,774	
T. Total.....	39,215	13,495	2,308	29,660	120,613	33,700	83,887	15,370	35,945	10,866	7,697	33,160	5,864	
T.R. Transfers.....	2,068			4,632	4,229	121	8,293	2	10,415	149	17			

Table 2. Direct Requirements

[Producers' prices]

Industry No.	For the composition of inputs to an industry, read the column for that industry.	Livestock and live- stock products	Other agricultural products	Forestry and fishery products	Agricultural for- estry and fishery services	Iron and ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining	New construction
		1	2	3	4	5	6	7	8	9	10	11
1	Livestock & Livestock Products.....	0.17800	0.06673	0.06687	0.10823							
2	Other Agricultural Products.....	29596	02819	06685	31040							0.00493
3	Forestry & Fishery Products.....			01992								
4	Agricultural, Forestry & Fishery Services.....	01667	03863	04243								0.00005
5	Iron & Ferroalloy Ores Mining.....					0.03846	0.00089	0.00004		0.00002	0.00215	
6	Nonferrous Metal Ores Mining.....					0.1782	0.17332	0.00010	0.00002	0.00225	0.00013	
7	Coal Mining.....	0.00021	0.00002			0.0361	0.00090	0.1561	(*)	0.00227	0.00087	
8	Crude Petroleum & Natural Gas.....								0.02418			
9	Stone and Clay Mining and Quarrying.....	0.00006	0.00311		(*)	0.00339	0.00029	0.00026		0.00860	0.00772	0.00729
10	Chemical & Fertilizer Mineral Mining.....		0.01129				0.00408	0.00001		0.00072	0.04442	
11	New Construction.....											
12	Maintenance & Repair Construction.....	0.00750	0.1344			0.00060	0.00491	0.00549	0.03093	0.00543	0.00394	0.00027
13	Ordinance & Accessories.....										0.00010	0.00008
14	Food & Kindred Products.....	13319	0.00008	0.02529	0.01933							0.00040
15	Tobacco Manufactures.....									0.00007		
16	Broad & Narrow Fabrics, Yarn & Thread Mills.....		0.00034			0.00001	0.00019				0.00043	0.00047
17	Miscellaneous Textile Goods & Floor Coverings.....	0.00035	0.0106	0.03536	0.02296	(*)	0.00010	(*)	0.00017	0.00006		0.00189
18	Apparel.....						0.00001					0.00044
19	Miscellaneous Fabricated Textile Products.....	0.00065	0.00158	0.00072								0.00011
20	Lumber & Wood Products, Except Containers.....	0.00008	0.00008			0.00169	0.00651	0.00636	0.00001	0.00002	0.00043	0.05424
21	Wooden Containers.....		0.00355		0.00798							0.00523
22	Household Furniture.....											0.00281
23	Other Furniture & Fixtures.....											0.00317
24	Paper & Allied Products, Except Containers.....	0.00044	0.00004	0.00022	0.00003	0.00015	0.00026	0.00038	0.00014	0.00287	0.00289	0.00007
25	Paperboard Containers & Boxes.....	0.00006	0.00011		0.04877							
26	Printing & Publishing.....	0.00018	0.00032	0.00020	0.00001	0.00002	0.00005	0.00002	0.00003	0.00004	0.00005	0.00003
27	Chemicals & Selected Chemical Products.....	0.00213	0.05224	0.00091	0.00051	0.01487	0.03669	0.01443	0.00822	0.01688	0.02871	0.00307
28	Plastics & Synthetic Materials.....						0.00009			0.00011		0.00002
29	Drugs, Cleaning & Toilet Preparations.....	0.00310		(*)	(*)	(*)	0.00001	(*)		0.00001	0.00025	0.00003
30	Paints & Allied Products.....			0.00252	(*)	(*)	0.00001	(*)	0.00037	0.00001	0.00002	0.00469
31	Petroleum Refining & Related Industries.....	0.00636	0.03499	0.01959	0.0195	0.00737	0.00462	0.00868	0.00524	0.02550	0.00823	0.01709
32	Rubber & Miscellaneous Plastics Products.....	0.00109	0.00419	0.00059	0.00004	0.00473	0.00641	0.01233	0.00128	0.03455	0.00250	0.00743
33	Leather Tanning & Industrial Leather Products.....											0.00001
34	Footwear & Other Leather Products.....	0.00027		(*)	0.00156	(*)	0.00001	(*)		0.00001	0.00001	0.00001
35	Glass & Glass Products.....	0.00020										0.00123
36	Stone & Clay Products.....	0.00005	0.00143	0.00028	(*)	0.00251	0.00112	0.00119	0.00333	0.05715	0.00065	0.08872
37	Primary Iron & Steel Manufacturing.....					0.01493	0.01777	0.01486	0.00243	0.01362	0.01974	0.03244
38	Primary Nonferrous Metal Manufacturing.....	0.00003	0.00003			0.00102	0.00025	0.00003		0.00116	0.00287	0.01898
39	Metal Containers.....	0.00029	0.00046	0.01216								0.09400
40	Heating, Plumbing & Structural Metal Products.....					0.00022	0.00099		0.00150	0.00084	0.00080	
41	Stampings, Screw Machine Products & Bolts.....	0.00093										0.00171
42	Other Fabricated Metal Products.....	0.00077	0.00115	0.00861	0.07439	0.00091	0.00249	0.00466	0.00107	0.00220	0.00099	0.01488
43	Engines & Turbines.....					0.00585	0.00719	0.01355	0.00129	0.01838	0.00663	0.00400
44	Farm Machinery & Equipment.....	0.00020	0.00840									0.00002
45	Construction, Mining & Oil Field Machinery.....					0.01674	0.01954	0.03210	0.00200	0.02354	0.02341	0.00364
46	Materials Handling Machinery & Equipment.....					0.00015	0.00228	0.00022		0.00792	0.00636	0.00393
47	Metalworking Machinery & Equipment.....					0.00083	0.00037	0.00172				0.00017
48	Special Industry Machinery & Equipment.....											
49	General Industrial Machinery & Equipment.....			0.00025		0.00016	0.00048	0.00079	0.00200	0.01130	0.00240	0.00320
50	Machine Shop Products.....	0.00011	0.00024	0.00011	0.00001	0.00014	0.02082	0.00425	0.00003	0.00378	0.00248	0.00018
51	Office, Computing & Accounting Machines.....											0.00617
52	Service Industry Machines.....											0.00155
53	Electric Industrial Equipment & Apparatus.....					0.00004	0.00043	0.00279	0.00666	0.00367	0.00693	0.00280
54	Household Appliances.....											0.01715
55	Electric Lighting & Wiring Equipment.....	0.00003	0.00005	0.02045	0.00001	0.00013	0.00040	0.00419	0.00002	0.00051	0.00137	
56	Radio, Television & Communication Equipment.....					0.00004	0.00013		0.00033			0.00121
57	Electronic Components & Accessories.....						(*)		0.00119			0.00002
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	0.00022	0.00093	0.00105	0.00001	0.00017	0.00018	0.00030	0.00007	0.00069	0.00020	0.00056
59	Motor Vehicles & Equipment.....	0.00025	0.00051	0.00022	0.00003	0.00156	0.01155	0.00301	0.00027	0.00724	0.00143	0.00056
60	Aircraft & Parts.....				0.00022							
61	Other Transportation Equipment.....	(*)	0.00016	0.01184		0.00006	0.00122	0.00337		0.00006	0.00044	0.00007
62	Scientific & Controlling Instruments.....			0.00040		0.00025	0.00033		0.00036			0.00317
63	Optical, Ophthalmic & Photographic Equipment.....											0.00007
64	Miscellaneous Manufacturing.....	0.00006	0.00007	0.00012	(*)	0.00001	0.00067	(*)	(*)	0.00002	0.00003	0.00136
65	Transportation & Warehousing.....	0.02272	0.01131	0.02517	0.01445	0.08811	0.01947	0.01760	0.02293	0.01661	0.05592	0.03271
66	Communications; Except Radio & TV Broadcasting.....	0.00196	0.00303			0.00091	0.00115	0.00134	0.00070	0.00030	0.00402	0.00275
67	Radio & TV Broadcasting.....											
68	Electric, Gas, Water & Sanitary Services.....	0.00360	0.00749	0.00009	0.00045	0.01868	0.02687	0.02469	0.01148	0.03054	0.05155	0.00313
69	Wholesale & Retail Trade.....	0.03260	0.03090	0.03215	0.01502	0.01827	0.01290	0.01180	0.02669	0.02059	0.08323	0.00226
70	Finance & Insurance.....	0.00583	0.01155	0.00188	0.00322	0.00476	0.01637	0.01076	0.00763	0.01423	0.00832	0.00612
71	Real Estate & Rental.....	0.01082	0.07407		0.02324	0.07753	0.02748	0.02769	0.18312	0.02212	0.01622	0.00469
72	Hotels; Personal & Repair Services exc. Auto.....											
73	Business Services.....	0.00519	0.03068	0.00038	0.00002	0.02282	0.00923	0.01080	0.00881	0.01076	0.00882	0.04516
75	Automobile Repair & Services.....	0.00285	0.00589	0.00387	0.00051	0.00073	0.00151	0.00293	0.00343	0.00932	0.00137	0.00358
76	Amusements.....											
77	Medical, Educational Services & Nonprofit Organizations.....	0.00677	0.00047			0.00054	0.00068	0.00077	0.00039	0.00019	0.00262	0.00087
78	Federal Government Enterprises.....	0.00015	0.00315	0.00018	0.00017	0.00080	0.00082	0.00068	0.00043	0.00050	0.00230	0.00028
79	State & Local Government Enterprises.....	0.00002	0.00003	0.00017	0.00003	0.00040	0.00057	0.00024	0.00026	0.00112	0.00122	0.00043
80	Gross Imports of Goods & Services.....	0.00659	0.01594	0.02437	0.00006	0.29580	0.14007	0.00083	0.08531	0.05336	0.12564	
81	Business Travel, Entertainment & Gifts.....	0.00066	0.00117	0.01002	0.00904	0.00231	0.00453	0.00409	0.00544	0.00533	0.00274	0.00547
82	Office Supplies.....	0.00003	0.00003	0.00025	0.00023	0.00023	0.00030	0.00041	0.00041	0.00041	0.00032	0.00026
83	Scrap, Used & Secondhand Goods.....			0.00309		0.00037	0.00344	0.00033		0.00233	0.00145	0.00059
V.A.	Value Added.....	25080	54388	34163	32835	33257	41171	58412	56475	55470	51735	39516
T.	Total.....	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

*Less than 0.00005. NOTE.—Detail may not add due to rounding.
Source: U. S. Department of Commerce, Office of Business Economics

Per Dollar of Gross Output, 1963

[Producers' prices]

Maintenance and repair construction	Ordnance and accessories	Food and kindred products	Tobacco manufactures	Broad and narrow fabrics, yarn and thread mills	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products, except containers	Wooden containers	Household furniture	Other furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	Printing and publishing	Chemicals and selected chemical products	Plastics and synthetic materials	Industry No.
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
0.0001		0.21955 .08205 .00409	0.15147	0.00356 .10116	0.04938 .00785	0.00640		0.01596 .08596							0.00103 .00167		1
															.00491		2
	0.00020	.00052	.00024	.00097	.00038	.00009	0.00008	.00020	0.00006	0.00037	0.00035	0.00580	0.00017	0.00004	.00501 .00405 .00191	0.00380	3
.01309		.00010 .00007		.00003				.00002 .00001				.00424 .00090	.00007		.00194 .02785	.00005	4
.00036	.00091	.00200	.00098	.00224	.00252	.00083	.00117	.00334	.00172	.00118	.00168	.00346	.00282	.00158	.00477	.00384	5
.00014	.02551	.17354	.00016 .23753	.00245	.00582		.00005	.00005	.00017			.00005	.00006 .00005	.00025 .00086	.00001 .01429	.00316	6
(*) .00014 .00066 .00001 .08655	(*) .00060	.00020 .00003 .00067 .00128 .00012		.32652 .03900 .00253 .00342 .00001	.17659 .06814 .00793 .02570 .00002	.27235 .00321 .17745 .01557	.39228 .09924 .01912 .08555 .00264			.05265 .02593 .00174 .00054 .13979	.00091 .01834 .00130 .00041 .07783	.00542 .00239 .00075 .00143 .06096		.00026 .00144	.00014 .00002 .00041 .00090 .00248	.00022 .00009 .00048 .00052	7
	.00084 .00003	.00118 (*)	.00067	.00001 .00002		(*)	.00078	.00227 .00182	.03174 .00412	.00021 .01776	.00037 .02051	.00005	.00045 .00006	(*)	.00025	.00028	8
.00021 .00358	.00031 .00050 .00115	.01215 .01533	.00466 .01231	.00405 .00527	.01280 .00801	.00060 .00707	.00724 .00891	.00242 .00165	.00060 .00554	.00083 .01292	.00083 .01681	.00001 .02990	.00005 .02871	.00112 .00560	(*) .01191 .00534	.03350 .00645	9
.00005 .00274	.00021 .00247 (*) (*) .04338	.00606 .00328 .00138 .00291 (*)	.00773 .00030 .01044 .00075 (*)	.00007 .02826 .08305 .00264 .00054	.00077 .00410 .15190 .00214 (*)	.00009 .00077 .01932 .00057 (*)	.00012 .00026 .00897 .00030 (*)	.00013 .00882 .00153 .00015 .00483	.00011 .00082 .00170 .00015 .00002	.00011 .00173 .00170 .00013 .02235	.00019 .00061 .00137 .00118 .00003	.00791 .03490 .01397 .00118 .00003	.00850 .01714 .00817 .00008 (*)	.11102 .02357 .00210 .00014 .00146	.00013 .17660 .02051 .01362 .00384	.00010 .36614 .01577 .00342 .00348	10
.02728 .00703	.00210 .01628 .00004	.00283 .00342 (*)	.00027 .00001 (*)	.00168 .00220 .00006 .00001 .00317	.00225 .01993 .00008 .00005	.00093 .00158 .00221 .00087	.00063 .03216	.00444 .00127 .00014 .00014	.00186 .00036 .00018 .00076	.00148 .06227 .00107 .00001 .00664	.00186 .04998 .00116 (*)	.00805 .01404 .00018 .00004	.00731 .00251 .00004 .00003 .00153	.00265 .00440 .00002 .00003	.06268 .00166 .00021 (*)	.01748 .01838 .00008 (*) .00010	11
.02070 .01603 .01054	(*) .02350 .03066	.00002 .00003 .00001		.00005 .00006 (*)	.00126 .00006 (*)	(*) (*)	.00022 .00087	.00508 .00434 .00069		.00002 .02266 .00782	.00787 .09426 .01026	.00373 .00012 .00102	(*) .00010 .00382 .00700 .00008	(*) .00010 .00309 .00009	.00215 .01343 .01258 .00922 .00004	.00006 .00002 .00040 .00227 .00001	12
.00095 .01357	.00582 .00550 .00049 .00003 .00361	.00270 .00290	.00566	.00001 .00054	.00039	.00097	.00027 .00102	.00172 .01611	.00153 .00546	.00304 .06862 .00001 .00046	.01314 .04286	.00003 .01278	.00331 .00434	.00006 .00146	.00006 .00566	.00037	13
.00003 .00361	.00003 .00042				.00003		.00002	.00002	.00002	.00002	.00121				(*) .00001		14
.00484 .00002	.00014 .00346 .00015 .00017 .00005	.00009 .00047	.00003 (*) (*)	.00020 .00001 .00574 .00007 .00001	.00011 .00002 .00303 .00012 .00001	.00013 .00039	.00014 .00037 .00001	.00038 .00013 .00036 .00033 .00007	.00048 .00013 .00423 .00014 .00003	.00021 .00002 .00003 .00005 .00003	.00016 .00060 .00019 .00153 .00163	.00042 .00001 .00222 .00018 .00002	.00014 .00163 .00002	.00011 .00002 .00202 .00018 .00004 .00004	.00044 .00033 .00878 .00148 .00002	.00020 .00047 .00009 .00017 .00001	15
.00586 .00285 .00500 .00927	.00015 .00395 .00079 .00734	(*) (*)		.00006 .00004 .00003	.00158 .00005 .01100 .02148	.00053 .00015 .01965 .00600	.00003 .00131 .00011 .00527 .00676	.00007 .00030 .00011 .00161 .03242	.00044 .00015 .00268 .04800	.00038 .00146 .00013 .00242 .02203	.00004 .00745 .00015 .00038 .03732 .01846	.00046 .00099 .00007 .00018 .03094	.00022 .00007 .00018 .00002	.00028 .00828 .00182 .01114	.00012 .00008 .00116 .02702	.00001 .00012 .00004 .01936	16
.00397	.00831	.00257	.00046	.00197	.00241	.00424	.00354	.00273	.00345	.00479	.00605	.00290	.00440	.01166	.00372	.00362	17
.00452 .08600 .00815	.00418 .01481 .00425	.00667 .03497 .00514	.00108 .00879 .00206	.00996 .03406 .00373	.00631 .05626 .00389	.00354 .03556 .00493	.00380 .04453 .00524	.00777 .02514 .00769	.00854 .02797 .00491	.00573 .04270 .00860	.00700 .03649 .01199	.02090 .03231 .00556	.00615 .02101 .00345	.00524 .02259 .00729	.03489 .02918 .00566	.01114 .02792 .00532	18
.00679 .01419 .00511	.00474 .00155 .01740 .00145	.00497 .00237 .02963 .00245	.00176 .00144 .04209 .00013	.00470 .00026 .00933 .00040	.00595 .00065 .01021 .00044	.01193 .00017 .01308 .00064	.00812 .00088 .00879 .00062	.00760 .00062 .01291 .00276	.00949 .00062 .00966 .00176	.02118 .00039 .02408 .00133	.01516 .00039 .01546 .00154	.00606 .00129 .01546 .00072	.00989 .00181 .01717 .00106	.05419 .00175 .03087 .00209	.00589 .00062 .02139 .00086	.00685 .00055 .02575 .00058	19
.00124 .00040 .00050	.00122 .00185 .00007 .00286	.00046 .00069 .00034 .03306	.00007 .00174 .00002 .00991	.00023 .00080 .00018 .03179	.00028 .00100 .00014 .13137	.00051 .00256 .00005 .00306	.00043 .00161 .00013	.00037 .00056 .00020 .06337	.00045 .00053 .00013 .01144	.00060 .00129 .00009 .00013	.00075 .00161 .00012	.00037 .00082 .00041 .08354	.00055 .00085 .00007 .00196	.00174 .01105 .00031 .00040	.00043 .00179 .00045 .02426	.00043 .00053 .00026 .00927	20
.00777 .00038	.00770 .00162	.00344 .00065	.00513 .00022	.00321 .00065	.00277 .00048 .01216	.00524 .00097	.00486 .00071	.00350 .00051	.00820 .00082	.00767 .00107	.00615 .00135	.00481 .00064 .01828	.00364 .00083	.01726 .00270	.00719 .00075 .00207	.00574 .00051	21
.56236 1.00000	.40067 1.00000	.26787 1.00000	.48620 1.00000	.26445 1.00000	.17886 1.00000	.37559 1.00000	.23669 1.00000	.36159 1.00000	.34313 1.00000	.39671 1.00000	.42214 1.00000	.36686 1.00000	.39766 1.00000	.48439 1.00000	.40766 1.00000	.40292 1.00000	V.A. T.

Dollar of Gross Output, 1963—Continued

[Producers' prices]

Heating, plumbing and structural metal products	Stampings, screw machine products and bolts	Other fabricated metal products	Engines and turbines	Farm machinery and equipment	Construction, mining and oil field machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Machine shop products	Office, computing and accounting machines	Service industry machines	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, television and communication equipment	Industry No.
40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
																	1
																	2
																	3
		0.0007													0.00147		4
																	5
0.00013	0.00017	.00024	0.00089	0.00082	0.00046	0.00025	0.00017	0.00017	0.00023	0.00007	0.00022	0.00023	0.00026	0.00042	.00017	0.00012	6
.00008		.00024	.00001	.00004	.00001		.00003	.00005	.00004	.00003		.00001	.00005	.00002		(*)	7
		.00002															8
.00166	.00131	.00142	.00163	.00107	.00143	.00144	.00206	.00134	.00166	.00300	.00217	.00158	.00153	.00087	.00086	.00087	9
.00197	.00406	.00054	.00504	.00011	.00005	.00022	.00012	.00160	.00001	.00010	.00002	.00007	.00473	.00002	.00005	.00684	10
	.00004	.00001						.00088				.00089		.00005			11
																	12
.00026	(*)	.00006	(*)	(*)	(*)	.00105	(*)	.00070	.00003	.00075	.00030	.00140	.00086	.00144	.00252	.00010	13
.00098	.00111	.00492	.00077	.00082	.00080	.00071	.00114	.00029	.00091	(*)	.00067	.00069	.00096	.00075	.00102	(*)	14
.00012	.00009	.00105	.00078	.00006	.00008	.00008	.00014	.00097	.00003	.00144	.00005	.00069	.00096	.00075	.00102	.00083	15
.00238	.00727	.00637	.00076	.00243	.00083	.00059	.00110	.00405	.00003	.00075	.00024	.00199	.00086	.00226	.00088	.00025	16
.00100	.00055	.00052	.00040	.00051	.00036		.00015	.00025	.00033	.00057	.00034	.00301	.00047	.00165	.00037	.00046	17
.00018	.00007	.00148		.00008			.00018	.00011	.00002	.00005		.00079		.00061	.00023	.01551	18
.00119	.00111	.00078		.00079		.00174					.00193		.00002				19
.00170	.00359	.00683	.00036	.00040	.00037	.00043	.00047	.00054	.00104	.00053	.00334	.00106	.00617	.00111	.00043	.00149	20
.00463	.01105	.00979	.00352	.00300	.00147	.00128	.00209	.00121	.00260	.00405	.00104	.00610	.00322	.011345	.01760	.00238	21
.00015	.00016	.00039	.00013	.00012	.00013	.00018	.00023	.00030	.00017	.00015	.00057	.00017	.00155	.00110	.00013	.00230	22
.00419	.00725	.01376	.00186	.00249	.00160	.00184	.00273	.00308	.00369	.00234	.00181	.00545	.00685	.00671	.00550	.00120	23
	.00484	.00001					.00006	.00126	.00001		.00048		.00317	.00430	.00958	.00368	24
.00062	.00067	.00053	.00018	.00017	.00015	.00012	.00026	.00058	.00016	.00042	.00009	.00105	.00012	.00167	.00010	.00011	25
.00998	.00542	.00732	.00035	.00056	.00289	.00311	.00056	.00044	.00055		.00051	.00630	.00336	.00880	.00522	.00015	26
.00288	.00364	.00360	.00433	.00223	.00245	.00330	.00393	.00650	.00553	.00237	.00186	.00225	.00496	.00150	.00995	.00201	27
.00141	.01320	.01379	.00225	.01880	.01965	.02763	.00827	.01341	.00519	.00417	.01200	.02038	.01356	.05116	.02572	.00809	28
.00006	.00008	.00006	.00006	.00461	.00007	.00004	.00006	.00100	.00052	.00008	.00002	.00003	.00005	.00003	.00003	.00003	29
(*)	.00004	.00112	(*)		(*)	(*)	.00008	.00004	.00002		(*)	(*)	(*)	.00071	(*)	.00003	30
.00818	.00030	.00108					.00005	.00035		.00008	.00028	.00120	.00086	.00281	.03577	.00308	31
.00233	.00380	.00804	.00749	.00301	.00334	.00102	.01631	.00258	.00855	.01208	.00369	.00664	.00902	.01161	.01045	.00001	32
.23940	.21134	.17215	.09811	.13781	.15722	.10490	.08607	.09071	.11089	.08670	.01292	.06264	.05948	.07336	.06516	.00586	33
.07462	.05782	.08275	.03829	.00719	.01126	.01567	.02545	.02557	.03532	.04059	.01196	.04353	.06426	.04278	.07831	.01802	34
.00118	.00371	.00009					.00016	.00004	.00002	.00005	.00004	.00004	.00004	.00004	.00004	.00004	35
.02039	.00612	.00753	.00176	.00183	.00994	.00975	.00447	.02211	.01613	.00365	.00016	.03100	.00234	.00716	.00721	.00013	36
.01834	.02018	.01569	.02376	.02838	.01169	.01396	.02531	.00859	.00626	.00787	.01359	.03070	.01349	.04170	.02876	.01834	37
.03769	.01433	.03775	.01060	.01642	.02232	.02630	.02699	.01569	.02643	.02064	.01161	.04495	.01985	.03945	.02209	.01402	38
.00170	.00324	.00041	.08141	.04498	.02987	.01360	.00009	.00650	.00978	.00004		.00085	.01179				39
.00018	.00407	.00048	.01022	.04758	.00382	.09270	.00343	.00115	.00003	.00030	.00030	.00005	.00075	.00659		.00003	40
.00425	.00006	.00273	.00975	.00664	.04046	.03800	.00140	.01074	.00736	.00010	.00005	.00018	.00125		.00004	.00001	41
.00172	.00026	.00182	.00321	.00068	.00749	.06687	.00110	.00406	.00448	.00038	.00009	.00223	.00028	.00192	.00012	.00011	42
.00376	.01032	.01270	.02569	.01360	.03227	.01925	.07409	.03295	.02044	.04067	.00651	.00914	.01265	.01021	.00741	.00793	43
.00142	.00133	.00251	.00330	.00135	.00175	.01113	.00642	.06032	.01182	.00145	.00920	.00277	.00028	.00059	.00188	.00030	44
.00943	.00590	.00609	.00344	.08509	.06591	.06181	.03652	.05023	.07453	.00765	.00804	.02042	.00931	.00761	.00045	.00358	45
.00094	.00002	.00002	.03423	.02702	.00405	.01965	.00246	.00598	.00406	.09904	.00005	.00005	.00233	.00138	.00003	.00299	46
.00008	.00008	.00156	.00005	.00005	.00182	.00185	.00881	.00630	.00484	.00017	.16856	.00310	.00011	.00840	.00022	.00304	47
.01518	.00018	.00218	.00015	.00046	.00045	.00587	.00065	.00057	.00734	.00007	.00213	.05714	.00573	.02203	.00097	.00151	48
.01353	.00070	.00535	.01079	.00260	.01203	.03691	.02536	.02906	.02578	.00697	.01391	.07222	.08888	.00112	.03135	.01914	49
.00206	.00110	.00346		.00129	.00007		.01027	.00483	.00820	.00004		.08253	.01824	.01494	.00280	.00128	50
.00002	.00028	.00064	.00001	.00372	.00001	.00003	.00004	.00242	.00036	.00001	.00760	.00442	.00972	.00993	.03294	.01124	51
.00067	.00295	.00140	.01872	.00307	.00014		.00062	.00178	.00298	.00040	.01329	.00018	.01317	(*)	.00259	.06237	52
.00037	.00047	.00055	.00017	.00084	.00047	.00747	.00008	.00015	.00176	.00721	.06087	.00025	.02517	.00020	.01138	.15806	53
.00019	.00030	.00142	.02202	.00944	.00117	.00345	.00048	.00178	.00192	.00552	.00081	.01037	.00170	.00009	.03062	.00138	54
.00138	.02464	.00586	.01020	.01393	.02340	.01714	.01282	.00438	.01570	.00412	.00382	.02156	.00479	.00897	.00614	.00023	55
.00279	.00050	.00458	.03165	.00011	.00420	.00053	.00228	.00018	.00582	.00600	.00103	.00782	.00139	.00584	.00004	.01290	56
.00834	.00004	.00126	.01322	.00467	.00506	.00091	.00017	.00389	.00309	.00289		.00041	.00679	.00163	.00006	.00001	57
.00660	.00337	.00409	.00300	.00127	.00195	.00054	.00287	.00182	.00826	.01129	.00267	.01399	.01369	.02336	.00230	.00498	58
.00029	.00013	.00011	.00008	.00023	.00006	.00005	.00025	.00145	.00008	.00014	.00006	.00007	.00046	.00006	.00013	.00182	59
.00039	.00203	.00394	.00009	.00416	.00010	.00036	.00215	.00058	.00025	.00032	.00043	.00201	.00034	.00972	.00065	.00071	60
.01580	.01181	.01181	.01065	.01763	.01222	.01331	.00741	.00977	.00917	.01021	.00487	.01098	.01063	.01330	.01365	.00590	61
.00609	.00506	.00396	.00396	.00356	.00397	.00522	.00479	.00485	.00516	.00456	.00650	.00403	.00484	.00815	.00359	.00629	62
.00895	.00889	.00017	.00537	.00577	.00655	.00451	.00756	.00560	.00740	.00847	.00351	.00495	.00771	.00665	.00644	.00395	63
.03111	.02265	.02791	.03103	.03821	.03228	.03428	.02784	.03459	.02866	.02471	.02195	.04030	.02982	.03811	.04125	.03082	64
.00600	.00716	.00660	.00340	.00770	.00969	.00617	.00660	.00703	.00479	.00864	.00632	.00343	.00681	.00360	.00289	.00350	65
.01218	.01043	.00948	.00129	.00407	.00557	.00897	.00817	.02507	.00651	.01302	.01326	.00572	.00854	.00538	.00788	.00979	66
.00297	.00064	.00058	.00008	.00109	.00072	.00067	.00096	.00069	.00071	.00071	.00029	.00018	.00068	.00035	.00042	.00042	67
.01628	.01604	.01813	.01584	.02565	.01369	.01613	.01684	.01480	.01676	.01795	.01852	.01362	.01394	.05203	.02144	.02572	68
.00114	.00069	.00088	.00108	.00094	.00100	.00122	.00092	.00105	.00105	.00096	.00090	.00082	.00105	.00053	.00087	.00133	69
.00070	.00055	.00060	.00065	.00057	.00065	.00085	.00077	.00087	.00083	.00076	.00078	.00064	.00081	.00040	.00058	.00113	70
.00101	.00099	.00103	.00106	.00138	.00142	.00132	.00144	.00139	.00139	.00126	.00146	.00113	.00104	.001			

Dollar of Gross Output, 1963—Continued

[Producers' prices]

Communications; except radio and TV broadcasting	Radio and TV broadcasting	Electric, gas, water and sanitary services	Wholesale and retail trade	Finance and insurance	Real estate and rental	Hotels; personal and repair services except auto	Business services	Automobile repair and services	Amusements	Medical, educational services and non-profit organizations	Federal Government enterprises	State and local government enterprises	Gross imports of goods and services	Business travel, entertainment and gifts	Office supplies	Scrap, used and second-hand goods	Industry No.
66	67	68	69	70	71	72	73	75	76	77	78	79	80	81	82	83	
					0.01144				0.00231	0.00018				0.00462			1
					.01887					.00110		0.00022		.01378			2
			0.00141		.00020					(*)		.00001		.00096			3
		0.00009	(*)		.00009		(*)					.00008					4
		.00003	.00001		.00007		0.00001										5
		.02145	.00002		.00012		.00001			.00032	0.01141	.01124					6
		.06568	.00006		.00006	0.00008	.00003					.00533					7
		(*)	.00003		.00018	.00010	.00002					.00024					8
		(*)	(*)		.00004		(*)										9
0.02860		.02997	.00329	0.00332	.08601	.00974	.00086	0.00216	.01051	.02017	.00716	.18068					10
			.00016		.00002	.00005					.00001	(*)		.00101			11
		.00006	.00607		.0127	.00014	.00004			.00909				.26550			12
		.00001	.00003		.00008									.02135		0.00598	13
		.00006	.00012		.00022	.00289	.00009				.00045					.06065	14
(*)		(*)	.00017	(*)	.00004	.00038	(*)	(*)	(*)	.00001	.00065						15
.00032		.00022	.00087		.00043	.00415	.00052			.00008		.00009		.00100		.00560	16
		.00007	.00035		.00001	.00566	.00059			.00049	.00109	.00025		.00040	0.00005	.00220	17
			.00072		.00033							(*)					18
			.00043		.00003												19
		(*)	.00019		.00006												20
.00066	0.00012	.00073	.00649	.00579	.00004	.00315	.00249	.00028	.00015	.00152	.00239	.00310		.00048	.20002	.01494	21
		.00004	.00481		.00008	.00158	.00035			.00005	.00011					.02359	22
.00008	.00041	.00007	.00196	.00891	.00101	.00049	.19631	.00002	.00611	.01375	.00278	.00055		.00122	.57368	.05134	23
.00012	(*)	.00187	.00126	.00003	.00233	.00385	.00314	.00050	.00799	.00143	.00051	.01098		.00010	.00486		24
		.00006	.00036		.00040						.00029						25
		.00001	.00178		.00064	.01632	.00329		(*)	.01806	.00032	.00039		.00667			26
			.00027		.00010	.00049	.00029	.00684	(*)	(*)	.00002						27
.00635	.00060	.00753	.01126	.00248	.00584	.00945	.00324	.01100	.00230	.00440	.00287	.00767				.00675	28
.00111	.00028	.00019	.00287	.00022	.00080	.00378	.00047	.02154	.00022	.00131	.00154	.00091		.00040	.00486	.00783	29
		(*)	.00002		.00003	.00076				.00001	.00001					.00539	30
		(*)	.00019		.00009	.00074			.00064	.00007	.00007			.00384		.00080	31
		.00032	.00032		.00014	.00003		.00674		.00012	.00005	.00002		.00039	.00013		32
			.00027	(*)	.00036	.00402	.00030	.00996	(*)	.00008	.00015	.00264		.00026			33
.00001		.00003	.00038		.00031							.00164			.00200	.08863	34
.00050		.00057	.00033		.00017	.00033	.00006									.08861	35
		.00001	.00004		.00007						.00005				.00005	.00581	36
			.00099		.00058											.01690	37
			.00042		.00014			.01120		.00007	.00028	.00001			.00007	.02933	38
			.00093		.00016	.00344	.00035	.00763		.00006	.00005	.00013		.00061	.00314	.01608	39
		.00006	.00013		.00001		.00277	.00303								.00221	40
		.00004	.00015		.00008		.00239									.00656	41
			.00039		.00017		.00039									.00854	42
			.00015		.00007						(*)						43
			.00027		.00017							.00007				.00603	44
		(*)	.00044		.00094		.00053	.00010							.00004	.01190	45
.00005		.00001	.00044		.00017						(*)				.00008	.01999	46
			.00014	.00001	.00007	.00010	.00005	.01005	.00003	.00004	.00001	.00014				.01259	47
			.00039		.00007												48
			.00030		.00004		.00841				.00001	(*)			.00412	.00063	49
		.00001	.00035		.00032	.00209	.00323	.00147			.00007					.00237	50
			.00041		.00019	.00950									.00001	.00850	51
.00002	(*)	.00080	.00052	.00001	.00002	.00052	.00003	.00121	.00002	.00003	.00014	.00010		.00473	.00004	.00430	52
					.00002						.00010	.00282					53
.01273	.00301	.00004	.00033		.00016		.00013			.00002		(*)		.00656		.04767	54
			.00028		.00017	.02630				.00010	.00003	(*)				.00694	55
.00023	.00001	.00005	.00075	.00006	.00009	.00030	.00078	.01775	.00006	.00014	.00009	.00029				.00133	56
.00028	.00001	.00011	.00082	.00006	.00043	.00035	.00011	.07783	.00007	.00016	.00140	.00079				.10578	57
			.00089		.00019		.00002			.00002						.01140	58
			.00014		.00020	.00055	.00042			(*)		.00073				.01427	59
.00005	.00077	(*)	.00056	.00008	.00022	.00016	.00017	(*)		.00711	.00004	.00005		.00128	.00006	.00690	60
		.00001	.00060		.00016	.00846	.00466		.01443	.00188	.00007	.00009		.00234	.00786	.00786	61
.00124	.00051	.01920	.00156	(*)	.00016	.02075	.01047		.00446	.00141	.00014	.00021		.00686	.13980	.01102	62
.00735	.04437	.00269	.00752	.00134	.00361	.00664	.00212	.00770	.00223	.00350	.01106	.01131		.40877		.04837	63
	.00564		.00019		.00012												64
.01080	.00995	.18641	.00212	.02515	.00212	.00833	.02377	.00641	.00699	.01216	.00156	.00442					65
.00920	.01167	.00559	.00012		.00012		.06187			.00050							66
.00840	.01029	.00730	.01717	.01785	.00211	.01460	.01263	.00654	.01095	.02866	.01098	.09686					67
			.01790	.01158	.01496	.02800	.01944	.11727	.01714	.01775	.00678	.00538		.05777		.00329	68
.01866	.02265	.00562	.01573	.17992	.03113	.01432	.00678	.01518	.01359	.00580	.00254	.01425					69
.00032			.00530	.04822	.03301	.05601	.03771	.02787	.09372	.08126	.02335	.00693					70
.01740	.04051	.01661	.00214	.07474	.00250	.02572	.00548	.00074	.00085	.00444	.00055	.00027		.12939			71
.00770	.00024	.00149	.00806	.00230	.02011	.02686	.03790	.01066	.04463	.01997	.01843	.03419					72
					.00157	.00823	.00498	.00339	.00246	.00455	.00274	.00186					73
.00015	.26240		.00072	.00002	.00151	.00013	.00316	.00316	.19242	.00093	(*)	.00003		.02088			74
.00091	.00078	.00028	.00099	.01063	.00091	.00276	.00141	.00053	.00241	.00937	.00013	.00107		.00667			75
.00478	.00129	.01753	.00984	.01938	.00391	.00271	.01872	.00055	.00362	.00751	.00035	.00092					76
.00055	.00018	.12952	.00372	.00275	.00758	.00062	.00042	.00144	.00028	.00070	.00038	.00038					77
.00290		.00355	.00021	.00430					.01732		.04154			.03217	.22115		78
.00714	.02482	.															

[Producers' prices]

Table 3.—Total Requirements (Direct and Indirect) Per

Industry No.	Each entry represents the output required, directly and indirectly, from the industry named at the beginning of the row for each dollar of delivery to final demand by the industry named at the head of the column.	Livestock and live-stock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry and fishery services	Iron and ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining
		1	2	3	4	5	6	7	8	9	10
		1	Livestock & Livestock Products.....	1.31963	0.10112	0.11907	0.18536	0.00231	0.00268	0.00239	0.00483	0.00253	0.00193
2	Other Agricultural Products.....	.43481	1.07832	.39019	.39019	.00381	.00314	.00285	.00639	.00286	.00222
3	Forestry & Fishery Products.....	.00141	.00073	1.02090	.00130	.00048	.00134	.00124	.00038	.00038	.00037
4	Agricultural, Forestry & Fishery Services.....	.03898	.04347	.05041	1.01832	.00028	.00029	.00027	.00042	.00024	.00019
5	Iron & Ferroalloy Ores Mining.....	.00074	.00090	.00111	.00153	1.04173	.00375	.00242	.00063	.00233	.00470
6	Nonferrous Metal Ores Mining.....	.00063	.00091	.00083	.00143	.02314	1.21088	.00113	.00051	.00396	.00151
7	Coal Mining.....	.00182	.00156	.00120	.00187	.00653	.00433	1.18698	.00113	.00630	.00472
8	Crude Petroleum & Natural Gas.....	.01799	.02576	.01660	.01405	.01088	.01089	.01162	1.03246	.02066	.01430
9	Stone and Clay Mining and Quarrying.....	.00245	.00460	.00127	.00225	.00447	.00135	.00120	.00142	1.01508	.00900
10	Chemical & Fertilizer Mineral Mining.....	.03180	.00373	.00081	.00174	.00090	.00701	.00090	.00050	.00202	1.04780
11	New Construction.....										
12	Maintenance & Repair Construction.....	.02803	.02857	.00964	.01835	.01665	.01670	.01643	.05321	.01650	.01616
13	Ordinance & Accessories.....	.00008	.00007	.00009	.00015	.00012	.00016	.00023	.00011	.00026	.00018
14	Food & Kindred Products.....	.21689	.02195	.05810	.06081	.00406	.00560	.00466	.00484	.00050	.00442
15	Tobacco Manufactures.....	.00021	.00020	.00042	.00043	.00019	.00029	.00026	.00027	.00040	.00020
16	Broad & Narrow Fabrics, Yarn & Thread Mills.....	.00313	.00340	.01341	.00975	.00084	.00152	.00139	.00088	.00279	.00149
17	Miscellaneous Textile Goods & Floor Coverings.....	.00290	.00326	.04164	.02729	.00062	.00095	.00119	.00055	.00239	.00056
18	Apparel.....	.00064	.00047	.00091	.00099	.00035	.00048	.00047	.00034	.00064	.00039
19	Miscellaneous Fabricated Textile Products.....	.00228	.00227	.00261	.00195	.00019	.00026	.00028	.00015	.00056	.00021
20	Lumber & Wood Products, Except Containers.....	.00485	.00562	.00319	.01094	.00468	.01367	.01318	.00365	.00326	.00304
21	Wooden Containers.....	.00229	.00444	.00106	.01007	.00009	.00016	.00015	.00009	.00016	.00010
22	Household Furniture.....	.00010	.00009	.00021	.00027	.00006	.00010	.00012	.00006	.00009	.00006
23	Other Furniture & Fixtures.....	.00006	.00006	.00006	.00012	.00004	.00005	.00005	.00004	.00006	.00005
24	Paper & Allied Products, Except Containers.....	.01327	.00861	.00856	.03399	.00466	.00571	.00540	.00384	.01086	.00812
25	Paperboard Containers & Boxes.....	.00776	.00459	.00615	.00517	.00119	.00181	.00183	.00097	.00280	.00152
26	Printing & Publishing.....	.01370	.01342	.00678	.01021	.00976	.00764	.00753	.00046	.00814	.00669
27	Chemicals & Selected Chemical Products.....	.03981	.07688	.02055	.03908	.02566	.06130	.02855	.01544	.03461	.04297
28	Plastics & Synthetic Materials.....	.00390	.00448	.01021	.00877	.00263	.00428	.00494	.00176	.01020	.00281
29	Drugs, Cleaning & Toilet Preparations.....	.00646	.00227	.00164	.00225	.00090	.00143	.00095	.00078	.00136	.00140
30	Paints & Allied Products.....	.00197	.00207	.00412	.00200	.00117	.00147	.00145	.00305	.00154	.00132
31	Petroleum Refining & Related Industries.....	.03544	.05210	.03428	.02758	.01822	.01563	.01827	.01308	.03688	.01929
32	Rubber & Miscellaneous Plastics Products.....	.00706	.00757	.00553	.00694	.00797	.01105	.01863	.00343	.04126	.00608
33	Leather Tanning & Industrial Leather Products.....	.00020	.00016	.00012	.00052	.00007	.00010	.00010	.00006	.00016	.00008
34	Footwear & Other Leather Products.....	.00054	.00020	.00026	.00193	.00009	.00012	.00010	.00010	.00017	.00009
35	Glass & Glass Products.....	.00328	.00078	.00195	.00135	.00040	.00053	.00073	.00064	.00076	.00050
36	Stone & Clay Products.....	.00270	.00389	.00223	.00309	.00460	.00370	.00375	.00593	.06772	.00302
37	Primary Iron & Steel Manufacturing.....	.01035	.00951	.01917	.02613	.03139	.04617	.04418	.01031	.04014	.04263
38	Primary Nonferrous Metal Manufacturing.....	.00471	.00535	.00891	.01509	.00672	.01011	.00883	.00470	.01212	.01258
39	Metal Containers.....	.00620	.00228	.01458	.00271	.00057	.00097	.00065	.00058	.00087	.00076
40	Heating, Plumbing & Structural Metal Products.....	.00122	.00128	.00134	.00184	.00131	.00262	.00165	.00364	.00288	.00216
41	Stampings, Screw Machine Products & Bolts.....	.00299	.00134	.00231	.00294	.00143	.00224	.00285	.00097	.00319	.00201
42	Other Fabricated Metal Products.....	.00759	.00730	.01625	.08295	.00404	.00779	.01049	.00358	.00817	.00514
43	Engines & Turbines.....	.00072	.00104	.00063	.00070	.00816	.01101	.01956	.00195	.02223	.00945
44	Farm Machinery & Equipment.....	.00433	.00978	.00139	.00373	.00075	.00095	.00139	.00027	.00113	.00094
45	Construction, Mining & Oil Field Machinery.....	.00052	.00070	.00039	.00074	.01941	.02570	.04052	.00267	.02671	.02684
46	Materials Handling Machinery & Equipment.....	.00032	.00037	.00022	.00045	.00065	.00352	.00094	.00042	.00934	.00770
47	Metalworking Machinery & Equipment.....	.00068	.00078	.00104	.00187	.00260	.00394	.00559	.00076	.00364	.00252
48	Special Industry Machinery & Equipment.....	.00033	.00111	.00076	.00130	.00065	.00116	.00090	.00053	.00118	.00094
49	General Industrial Machinery & Equipment.....	.00118	.00180	.00173	.00186	.00286	.00462	.00627	.00322	.01734	.00680
50	Machine Shop Products.....	.00087	.00107	.00082	.00094	.00177	.02967	.00750	.00050	.00666	.00443
51	Office, Computing & Accounting Machines.....	.00058	.00067	.00034	.00062	.00058	.00050	.00057	.00044	.00061	.00046
52	Service Industry Machines.....	.00045	.00049	.00035	.00056	.00039	.00046	.00051	.00062	.00072	.00051
53	Electric Industrial Equipment & Apparatus.....	.00109	.00129	.00212	.00164	.00159	.00296	.00613	.00845	.00701	.01005
54	Household Appliances.....	.00041	.00043	.00058	.00071	.00035	.00048	.00082	.00069	.00072	.00056
55	Electric Lighting & Wiring Equipment.....	.00062	.00062	.02199	.00057	.00060	.00102	.00568	.00084	.00126	.00209
56	Radio, Television & Communication Equipment.....	.00052	.00052	.00061	.00066	.00099	.00106	.00102	.00102	.00125	.00084
57	Electronic Components & Accessories.....	.00042	.00041	.00072	.00053	.00048	.00079	.00076	.00193	.00089	.00080
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	.00137	.00168	.00240	.00111	.00097	.00115	.00160	.00053	.00213	.00111
59	Motor Vehicles & Equipment.....	.00311	.00302	.00285	.00301	.00504	.00585	.00921	.00204	.01567	.00552
60	Aircraft & Parts.....	.00071	.00051	.00081	.00132	.00134	.00135	.00166	.00058	.00186	.00131
61	Other Transportation Equipment.....	.00067	.00062	.01371	.00069	.00126	.00248	.00535	.00051	.00110	.00157
62	Scientific & Controlling Instruments.....	.00059	.00049	.00102	.00091	.00077	.00139	.00087	.00103	.00104	.00075
63	Optical, Ophthalmic & Photographic Equipment.....	.00063	.00061	.00040	.00058	.00048	.00046	.00046	.00040	.00053	.00040
64	Miscellaneous Manufacturing.....	.00159	.00158	.00169	.00208	.00112	.00209	.00124	.00104	.00167	.00102
65	Transportation & Warehousing.....	.05962	.03203	.05176	.04894	.11195	.04261	.03795	.03689	.04034	.07874
66	Communications; Except Radio & TV Broadcasting.....	.00910	.00793	.00390	.00621	.00504	.00544	.00531	.00384	.00479	.00801
67	Radio & TV Broadcasting.....	.00271	.00316	.00117	.00199	.00234	.00163	.00165	.00139	.00176	.00143
68	Electric, Gas, Water & Sanitary Services.....	.02165	.02173	.01031	.01695	.03317	.05121	.04521	.02054	.05182	.07696
69	Wholesale & Retail Trade.....	.08091	.05503	.05991	.06494	.03059	.03814	.04167	.02735	.04712	.03670
70	Finance & Insurance.....	.02567	.02563	.01168	.02038	.01610	.03172	.02278	.02097	.02611	.01822
71	Real Estate & Rental.....	.06725	.10152	.02556	.07187	.09630	.04684	.04565	.20300	.03873	.03058
72	Hotels; Personal & Repair Services exc. Auto.....	.00236	.00182	.00263	.00305	.00157	.00194	.00181	.00200	.00212	.00146
73	Business Services.....	.04330	.05064	.01877	.03180	.03737	.03180	.02645	.02192	.02814	.02286
75	Automobile Repair & Services.....	.00951	.00885	.00715	.00582	.00375	.00382	.00539	.00543	.01180	.00396
76	Amusements.....	.00145	.00164	.00094	.00136	.00128	.00101	.00100	.00117	.00107	.00083
77	Medical, Educational Services & Nonprofit Organizations.....	.01012	.00200	.00147	.00231	.00129	.00168	.00164	.00118	.00106	.00344
78	Federal Government Enterprises ¹.....	.00384	.00358	.00224	.00323	.00375	.00417	.00367	.00303	.00376	.00567
79	State & Local Government Enterprises.....	.00555	.00497	.00348	.00455	.00859	.00917	.00785	.00571	.00977	.01383
80	Gross Imports of Goods & Services.....	.08454	.03137	.27063	.02899	.32300	.18303	.01286	.03393	.06975	.14571
81	Business Travel, Entertainment & Gifts.....	.00727	.00658	.01470	.01505	.00638	.00998	.00905	.00868	.01066	.00695
82	Office Supplies.....	.00134	.00113	.00103	.00136	.00114	.00151	.00145	.00123	.00157	.00129

*Less than 0.00005.

1. To remove a source of instability in the measurement of total requirements per dollar of delivery to final demand, the Commodity Credit Corporation has been excluded from this

industry. The excluded inputs to the CCC from the specified industries are: Industry 2, \$636 million; Industry 14, \$214 million; Industry 16, \$16 million; Industry 65, \$642 million; Industry 69, \$24 million; and value added, —\$1,531 million.

Dollar of Delivery to Final Demand, 1963

[Producers' prices]

New construction	Maintenance and repair construction	Ordnance and accessories	Food and kindred products	Tobacco manufactures	Broad and narrow fabrics, yarn and thread mills	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products, except containers	Wooden containers	Household furniture	Other furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	Printing and publishing	Chemicals and selected chemical products	Industry No.
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
0.00480	0.00411	0.00302	0.36547	0.02177	0.03133	0.08039	0.01391	0.02425	0.01888	0.00931	0.00982	0.00632	0.00826	0.00492	0.00635	0.00994	1
.01116	.00479	.00310	.22685	.21608	.17425	.07089	.06257	.04265	.08580	.01866	.02087	.00862	.00968	.00565	.00667	.00893	2
.00742	.00498	.00079	.00609	.00049	.00082	.01012	.00854	.12549	.04878	.01848	.01848	.01097	.00988	.00443	.00239	.00310	3
.01014	.00063	.00027	.01524	.00878	.00742	.00427	.00314	.00737	.00304	.01017	.01817	.01010	.00102	.00057	.00055	.00073	4
.00506	.00258	.00350	.00132	.00046	.00114	.00108	.00066	.00091	.00128	.00608	.00314	.00776	.00103	.00103	.00065	.00789	5
.00461	.00266	.00713	.00070	.00043	.00131	.00128	.00080	.00110	.00094	.00108	.00258	.00321	.00120	.00140	.00080	.01004	6
.00456	.00247	.00295	.00285	.00134	.00472	.00400	.00256	.00345	.00201	.00416	.00351	.01087	.01087	.00562	.00317	.00925	7
.01645	.02044	.00648	.01347	.00727	.01555	.01403	.00884	.01138	.01072	.00936	.00906	.00870	.01448	.01346	.00858	.05013	8
.01705	.01629	.00100	.00198	.00119	.00170	.00144	.00088	.00130	.00151	.00125	.00135	.00251	.00656	.00319	.00170	.00417	9
.00106	.00095	.00063	.00142	.00110	.00414	.00368	.00193	.00264	.00095	.00064	.00133	.00109	.00337	.00228	.00182	.03636	10
1.00000	1.00960	.00860	.01994	.00989	.01699	.01559	.01149	.01449	.01365	.01413	.01281	.01268	.01482	.01418	.01495	.02008	11
.00053	.00024	1.03253	.00011	.00006	.00009	.00010	.00008	.00011	.00011	.00014	.00019	.00031	.00011	.00017	.00042	.00014	12
.00882	.00992	.00794	1.28311	.00905	.01824	.02348	.01134	.01473	.01257	.01007	.01120	.00909	.02125	.01243	.01514	.03071	13
.00043	.00042	.00053	.00032	1.31395	.00033	.00033	.00038	.00042	.00030	.00044	.00046	.00041	.00033	.00032	.00073	.00042	14
.00464	.00219	.00327	.00422	.00125	1.52620	.31581	.52160	.70319	.00385	.00363	.09601	.01422	.01470	.00726	.00461	.00284	15
.00424	.00149	.00188	.00227	.00096	.06595	1.09195	.02392	1.9989	.00595	.00289	.03736	.02506	.00572	.00280	.00345	.00107	16
.00165	.00153	.00193	.00164	.00028	.00606	.01296	.21936	.02392	.00250	.00397	.00399	.00306	.00194	.00243	.00071	.00115	17
.00081	.00038	.00034	.00281	.00058	.00831	.03268	.02395	1.10267	.00071	.00047	.00244	.00160	.00246	.00122	.00072	.00151	18
.08342	.05550	.00789	.00749	.00444	.00528	.00696	.00446	.01017	1.42930	.55485	.20882	.12357	.10995	.04843	.02516	.00945	19
.00058	.00039	.00124	.00289	.00185	.00054	.00042	.00057	.00367	1.03428	.00104	.00103	.00050	.00050	.00075	.00020	.00051	20
.00575	.00029	.00132	.00017	.00006	.00020	.00114	.00021	.00117	.00278	.00547	1.01889	.02195	.00030	.00024	.00015	.00010	21
.00313	.00033	.00144	.00008	.00006	.00005	.00006	.00005	.00013	.00013	.00011	.00621	1.02276	.00008	.00013	.00135	.00006	22
.01612	.01252	.01030	.03992	.02494	.02806	.04303	.02108	.03663	.01174	.01164	.02072	.02104	1.24011	.51823	.23665	.03047	23
.00488	.00387	.00492	.02541	.01926	.01387	.01730	.01583	.02061	.00519	.00919	.02016	.02421	.04136	1.05608	.01582	.01069	24
.01854	.01007	.01340	.02758	.02952	.01249	.01345	.01221	.01311	.00982	.01006	.01364	.01291	.02210	.02659	1.14903	.01419	25
.02278	.02736	.01817	.03247	.02633	.13208	.12058	.06201	.08459	.02802	.01743	.04153	.03108	.07372	.06008	.05367	1.24310	26
.00744	.00891	.00861	.00643	.01615	.14515	.20591	.07744	.10510	.00659	.00405	.03393	.02019	.02649	.02160	.01084	.02940	27
.00186	.00182	.00134	.00660	.00223	.00774	.00705	.00442	.00527	.00143	.00129	.00243	.00209	.00353	.00243	.00223	.01922	28
.00779	.04534	.00169	.00238	.00095	.00298	.00258	.00182	.00223	.00859	.00412	.02591	.02197	.00210	.00184	.00304	.00668	29
.03160	.04109	.01073	.02498	.01401	.02752	.02517	.01532	.01969	.01956	.01587	.01556	.01436	.02425	.02401	.01476	.09323	30
.01539	.01280	.02589	.00985	.00307	.01151	.03243	.00975	.04773	.00546	.00481	.07310	.05809	.02204	.01339	.01136	.00674	31
.00024	.00016	.00020	.00020	.00010	.00030	.00042	.00384	.00074	.00041	.00067	.00165	.00176	.00044	.00030	.00022	.00045	32
.00024	.00021	.00026	.00030	.00015	.00020	.00038	.00141	.00205	.00037	.00108	.00041	.00033	.00025	.00023	.00030	.00017	33
.00380	.00641	.00258	.01500	.00039	.00597	.00209	.00247	.00388	.00142	.00080	.00243	.00100	.00100	.00237	.00084	.00188	34
.10439	.02713	.00412	.00267	.00133	.00240	.00374	.00155	.00272	.00988	.00491	.00450	.01362	.00783	.00408	.00249	.00544	35
.00410	.04725	.06616	.02287	.00621	.00876	.00883	.00662	.00919	.02224	.12060	.05817	.15212	.01232	.01390	.00703	.00283	36
.05693	.03153	.09180	.00603	.00340	.00621	.00685	.00533	.00734	.00667	.01095	.02980	.03742	.00937	.01320	.00595	.03064	37
.00143	.00369	.00073	.02888	.00255	.00267	.00276	.00155	.00194	.00284	.00147	.00289	.00243	.00201	.00871	.00144	.01373	38
.09825	.03088	.00335	.00107	.00053	.00110	.00101	.00074	.00102	.00202	.00157	.00282	.00706	.00113	.00105	.00086	.00149	39
.00755	.00446	.01696	.00566	.00076	.00109	.00146	.00119	.00174	.00408	.00469	.00690	.01826	.00166	.00489	.00111	.00183	40
.02856	.02097	.01949	.00877	.01029	.00483	.00489	.00452	.00553	.02860	.02060	.07923	.05634	.02119	.01478	.00737	.01096	41
.00227	.00128	.00260	.00074	.00051	.00070	.00061	.00046	.00057	.00061	.00072	.00074	.00094	.00083	.00066	.00052	.00134	42
.00081	.00053	.00056	.00237	.00215	.00178	.00090	.00077	.00101	.00064	.00056	.00106	.00092	.00031	.00029	.00042	.00044	43
.00621	.00522	.00149	.00053	.00031	.00074	.00064	.00043	.00057	.00058	.00079	.00084	.00112	.00104	.00068	.00049	.00223	44
.00516	.00578	.00096	.00041	.00021	.00071	.00058	.00054	.00065	.00087	.00109	.00078	.00075	.00097	.00070	.00048	.00124	45
.00367	.00216	.01681	.00085	.00047	.00100	.00089	.00063	.00086	.00122	.00176	.00228	.00362	.00109	.00095	.00071	.00196	46
.00151	.00108	.00140	.00145	.00056	.00117	.00704	.00488	.00606	.00534	.00723	.00258	.00204	.00450	.00414	.00391	.01215	47
.00788	.00521	.00974	.00126	.00071	.00180	.00159	.00113	.00179	.00191	.00236	.00216	.00459	.00388	.00223	.00171	.00408	48
.00244	.00144	.00216	.00084	.00036	.00062	.00055	.00042	.00067	.00079	.00156	.00127	.00402	.00064	.00062	.00049	.00131	49
.00111	.00067	.00116	.00081	.00083	.00064	.00062	.00057	.00083	.00055	.00055	.00079	.00084	.00057	.00058	.00073	.00075	50
.00909	.00741	.00291	.00048	.00037	.00038	.00039	.00032	.00039	.00050	.00051	.00069	.00459	.00043	.00039	.00043	.00051	51
.01158	.00705	.01140	.00131	.00080	.00154	.00149	.00116	.00147	.00148	.00210	.00226	.00406	.00147	.00128	.00119	.00450	52
.00468	.00638	.00261	.00044	.00030	.00043	.00048	.00043	.00049	.00050	.00055	.00101	.00129	.00048	.00044	.00055	.00059	53
.01895	.01041	.01059	.00064	.00026	.00051	.00081	.00061	.00057	.00313	.00158	.00115	.00654	.00074	.00055	.00054	.00079	54
.00283	.00222	.00790	.00061	.00037	.00056	.00070	.00059	.00081	.00066	.00075	.00116	.00347	.00068	.00063	.00089	.00079	55
.00168	.00124	.03478	.00057	.00035	.00046	.00065	.00052	.00136	.00062	.00141	.00154	.00310	.00054	.00052	.00068	.00069	56
.00235	.00172	.00559	.00109	.00054	.00070	.00066	.00050	.00062	.00101	.00104	.00087	.00126	.00081	.00071	.00065	.00072	57
.00583	.00479	.00529	.00304	.00114	.00178	.00174	.00139	.00175	.00298	.00331	.00326	.00454	.00210	.00204	.00196	.00243	58
.0018																	

Table 3.—Total Requirements (Direct and Indirect) Per

(Producers' prices)

Industry No.	Each entry represents the output required, directly and indirectly, from the industry named at the beginning of the row for each dollar of delivery to final demand by the industry named at the head of the column.	Plastics and synthetic materials	Drugs, cleaning, and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscellaneous plastics products	Leather tanning and industrial leather products	Footwear and other leather products	Glass and glass products	Stone and clay products	Primary iron and steel manufacturing
		28	29	30	31	32	33	34	35	36	37
1	Livestock & Livestock Products.....	0.00682	0.01908	0.02105	0.00445	0.00770	0.00428	0.00747	0.00327	0.00339	0.00211
2	Other Agricultural Products.....	0.00611	0.01445	0.01491	0.00528	0.01009	0.00352	0.01283	0.00399	0.00474	0.00236
3	Forestry & Fishery Products.....	0.00177	0.00551	0.00136	0.00056	0.00125	0.00052	0.00220	0.00356	0.00101	0.00062
4	Agricultural, Forestry & Fishery Services.....	0.00052	0.00104	0.00111	0.00039	0.00066	0.00032	0.00081	0.00045	0.00036	0.00024
5	Iron & Ferroalloy Ores Mining.....	0.00320	0.00202	0.00036	0.00091	0.00178	0.00057	0.00081	0.00110	0.00368	0.00398
6	Nonferrous Metal Ores Mining.....	0.00400	0.00180	0.00403	0.00103	0.00198	0.00063	0.00085	0.00168	0.00157	0.00570
7	Coal Mining.....	0.00922	0.00330	0.00470	0.00258	0.00483	0.00443	0.00254	0.00451	0.01487	0.03143
8	Crude Petroleum & Natural Gas.....	0.03117	0.01423	0.03866	0.00743	0.01339	0.00779	0.00668	0.01179	0.01723	0.01279
9	Stone and Clay Mining and Quarrying.....	0.00222	0.00215	0.00430	0.00560	0.00293	0.00065	0.00085	0.00172	0.00622	0.00492
10	Chemical & Fertilizer Mineral Mining.....	0.01388	0.00501	0.00905	0.00148	0.00460	0.00231	0.00137	0.00277	0.00440	0.00172
11	New Construction.....	0.01708	0.01370	0.01658	0.05089	0.01296	0.00801	0.00933	0.01486	0.01743	0.01949
12	Maintenance & Repair Construction.....	0.00009	0.00017	0.00013	0.00010	0.00026	0.00005	0.00012	0.00026	0.00013	0.00044
13	Ordinance & Accessories.....	0.02045	0.06147	0.07024	0.00755	0.01170	0.01281	0.01003	0.00759	0.00800	0.00520
14	Food & Kindred Products.....	0.00041	0.00068	0.00078	0.00028	0.00045	0.00021	0.00038	0.00037	0.00041	0.00027
15	Tobacco Manufactures.....	0.00321	0.00386	0.00255	0.00094	0.04586	0.00129	0.07299	0.00363	0.00725	0.00159
16	Broad & Narrow Fabrics, Yarn & Thread Mills.....	0.00170	0.00252	0.00105	0.00056	0.04797	0.00096	0.04417	0.00205	0.00404	0.00075
17	Miscellaneous Textile Goods & Floor Coverings.....	0.00133	0.00134	0.00134	0.00031	0.00411	0.00035	0.01377	0.00235	0.00063	0.00174
18	Apparel.....	0.00080	0.00068	0.00070	0.00022	0.00264	0.00024	0.01205	0.00058	0.00303	0.00300
19	Miscellaneous Fabricated Textile Products.....	0.00971	0.00917	0.00573	0.00494	0.01019	0.00392	0.02248	0.00354	0.00998	0.00592
20	Lumber & Wood Products, Except Containers.....	0.00057	0.00062	0.00075	0.00012	0.00067	0.00065	0.00115	0.00452	0.00039	0.00030
21	Wooden Containers.....	0.00009	0.00024	0.00009	0.00006	0.00055	0.00006	0.00029	0.00554	0.00017	0.00012
22	Household Furniture.....	0.00005	0.00011	0.00006	0.00005	0.00008	0.00003	0.00013	0.00008	0.00006	0.00007
23	Other Furniture & Fixtures.....	0.06104	0.04317	0.02473	0.01409	0.03544	0.00873	0.02712	0.03373	0.03143	0.00682
24	Paper & Allied Products, Except Containers.....	0.01362	0.03311	0.01543	0.00502	0.02370	0.00668	0.02392	0.05403	0.00811	0.00284
25	Paperboard Containers & Boxes.....	0.01538	0.04892	0.01975	0.01268	0.01404	0.00853	0.01461	0.01235	0.01193	0.00973
26	Printing & Publishing.....	47229	15892	30623	04743	15358	06269	04182	01778	04206	03474
27	Chemicals & Selected Chemical Products.....	1.03253	0.01665	0.10444	0.00287	2.1072	0.00543	0.03836	0.00932	0.01554	0.00305
28	Plastics & Synthetic Materials.....	0.01160	1.06460	0.01546	0.00487	0.04466	0.05462	0.01381	0.00221	0.00454	0.00123
29	Drugs, Cleaning & Toilet Preparations.....	0.00680	0.00402	1.00500	0.00410	0.00360	0.00093	0.00150	0.00074	0.00174	0.00162
30	Paints & Allied Products.....	0.05870	0.02614	0.07737	1.09527	0.02331	0.01323	0.01127	0.01559	0.02804	0.01956
31	Petroleum Refining & Related Industries.....	0.02204	0.04055	0.01058	0.00363	1.05713	0.01457	0.01731	0.02805	0.01996	0.00503
32	Rubber & Miscellaneous Plastics Products.....	0.00034	0.00026	0.00028	0.00020	0.01222	1.24145	0.00261	0.00026	0.00028	0.00045
33	Leather Tanning & Industrial Leather Products.....	0.00018	0.00033	0.00027	0.00011	0.00166	0.00310	1.03155	0.00019	0.00020	0.00016
34	Footwear & Other Leather Products.....	0.00123	0.02183	0.00189	0.00074	0.00366	0.00145	0.00174	1.06988	0.00097	0.00359
35	Glass & Glass Products.....	0.00321	0.00558	0.00801	0.00740	0.01102	0.00263	0.00264	0.03481	1.13368	0.00531
36	Stone & Clay Products.....	0.01471	0.02357	0.04681	0.01257	0.01913	0.00466	0.01559	0.01294	0.02747	1.29070
37	Primary Iron & Steel Manufacturing.....	0.01394	0.01029	0.02737	0.00904	0.01317	0.00307	0.00753	0.01488	0.01229	0.05295
38	Primary Nonferrous Metal Manufacturing.....	0.00830	0.02485	0.06629	0.00775	0.00306	0.00217	0.00138	0.00166	0.00107	0.00800
39	Metal Containers.....	0.00102	0.00101	0.00120	0.00286	0.00109	0.00046	0.00068	0.00483	0.00284	0.00193
40	Heating, Plumbing & Structural Metal Products.....	0.00127	0.00616	0.00294	0.00109	0.00825	0.00090	0.00224	0.00202	0.00210	0.01023
41	Stampings, Screw Machine Products & Bolts.....	0.00630	0.01457	0.00617	0.00383	0.01147	0.00375	0.01399	0.00508	0.01657	0.02694
42	Other Fabricated Metal Products.....	0.00086	0.00103	0.00087	0.00140	0.00069	0.00034	0.00044	0.00091	0.00330	0.00213
43	Engines & Turbines.....	0.00031	0.00073	0.00046	0.00029	0.00039	0.00016	0.00037	0.00026	0.00053	0.00213
44	Farm Machinery & Equipment.....	0.00120	0.00073	0.00106	0.00177	0.00081	0.00040	0.00040	0.00113	0.00094	0.00403
45	Construction, Mining & Oil Field Machinery.....	0.00082	0.00048	0.00065	0.00070	0.00069	0.00041	0.00052	0.00075	0.00287	0.00119
46	Materials Handling Machinery & Equipment.....	0.00102	0.00125	0.00138	0.00075	0.00189	0.00037	0.00081	0.00199	0.00497	0.00707
47	Metalworking Machinery & Equipment.....	0.00492	0.00216	0.00337	0.00082	0.00390	0.00080	0.00155	0.00079	0.00109	0.00344
48	Special Industry Machinery & Equipment.....	0.00217	0.00151	0.00202	0.00227	0.00168	0.00080	0.00097	0.00148	0.00484	0.00948
49	General Industrial Machinery & Equipment.....	0.00073	0.00085	0.00111	0.00058	0.00160	0.00027	0.00051	0.00067	0.00151	0.01148
50	Machine Shop Products.....	0.00071	0.00199	0.00078	0.00064	0.00072	0.00038	0.00064	0.00055	0.00065	0.00065
51	Office, Computing & Accounting Machines.....	0.00042	0.00088	0.00054	0.00064	0.00049	0.00036	0.00042	0.00046	0.00116	0.00148
52	Service Industry Machines.....	0.00226	0.00236	0.00232	0.00485	0.00237	0.00070	0.00128	0.00525	0.00378	0.01000
53	Electric Industrial Equipment & Apparatus.....	0.00049	0.00063	0.00061	0.00061	0.00130	0.00023	0.00053	0.00059	0.00069	0.00112
54	Household Appliances.....	0.00055	0.00094	0.00060	0.00083	0.00057	0.00029	0.00050	0.00065	0.00242	0.00120
55	Electric Lighting & Wiring Equipment.....	0.00063	0.00141	0.00082	0.00080	0.00218	0.00080	0.00118	0.00110	0.00091	0.00105
56	Radio, Television & Communication Equipment.....	0.00053	0.00104	0.00074	0.00121	0.00106	0.00034	0.00071	0.00079	0.00076	0.00096
57	Electronic Components & Accessories.....	0.00055	0.00069	0.00070	0.00063	0.00055	0.00030	0.00044	0.00053	0.00102	0.00127
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	0.00176	0.00214	0.00227	0.00206	0.00259	0.00091	0.00155	0.00182	0.00536	0.00942
59	Motor Vehicles & Equipment.....	0.00076	0.00109	0.00111	0.00083	0.00504	0.00044	0.00108	0.00082	0.00118	0.00133
60	Aircraft & Parts.....	0.00064	0.00065	0.00068	0.00077	0.00062	0.00032	0.00051	0.00061	0.00100	0.00115
61	Other Transportation Equipment.....	0.00074	0.00846	0.00082	0.00084	0.00177	0.00092	0.00477	0.00121	0.00099	0.00222
62	Scientific & Controlling Instruments.....	0.00088	0.00201	0.00105	0.00067	0.00164	0.00056	0.00437	0.00090	0.00079	0.00065
63	Optical, Ophthalmic & Photographic Equipment.....	0.00242	0.00623	0.00292	0.00168	0.01001	0.00139	0.02513	0.00408	0.00503	0.00323
64	Miscellaneous Manufacturing.....	0.05760	0.05065	0.06659	0.07914	0.04924	0.03166	0.03684	0.04901	0.08984	0.08653
65	Transportation & Warehousing.....	0.01023	0.01431	0.01252	0.00636	0.00941	0.00598	0.01007	0.00826	0.01046	0.00995
66	Communications; Except Radio & TV Broadcasting.....	0.00341	0.01125	0.00376	0.00285	0.00308	0.00183	0.00306	0.00260	0.00259	0.00212
67	Radio & TV Broadcasting.....	0.04605	0.02638	0.03438	0.04071	0.03354	0.02230	0.01985	0.00473	0.06071	0.05320
68	Electric, Gas, Water & Sanitary Services.....	0.06050	0.06577	0.08517	0.04405	0.06187	0.05714	0.06704	0.05889	0.05047	0.05665
69	Wholesale & Retail Trade.....	0.01825	0.01951	0.02140	0.02850	0.01624	0.01439	0.01794	0.01766	0.02130	0.02210
70	Finance & Insurance.....	0.03047	0.03707	0.03750	0.12942	0.02681	0.02406	0.02732	0.02444	0.02649	0.02361
71	Real Estate & Rental.....	0.00372	0.00919	0.00865	0.00261	0.00433	0.00172	0.00322	0.00336	0.00313	0.00250
72	Hotels; Personal & Repair Services exc. Auto.....	0.05481	0.18065	0.06027	0.04560	0.04945	0.02931	0.04173	0.04159	0.04159	0.03408
73	Business Services.....	0.00362	0.00429	0.00462	0.00502	0.00346	0.00228	0.00319	0.00358	0.00713	0.00397
74	Automobile Repair & Services.....	0.00182	0.00511	0.00232	0.00163	0.00171	0.00099	0.00165	0.00144	0.00147	0.00117
75	Amusements.....	0.00150	0.00194	0.00206	0.00128	0.00154	0.00096	0.00152	0.00125	0.00131	0.00131
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Dollar of Delivery to Final Demand, 1963—Continued

[Producers' prices]

Primary nonferrous metal manu- facturing	Metal containers	Heating, plumbing and structural metal products	Stampings, screw machine products and bolts	Other fabricated metal products	Engines and turbines	Farm machinery and equipment	Construction, mining and oil field machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Machine shop products	Office, computing and accounting machines	Service industry machines	Electric industrial equipment and apparatus	Household appliances	Industry No.
38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
0.00260	0.00386	0.00335	0.00285	0.00366	0.00271	0.00306	0.00289	0.00319	0.00289	0.00342	0.00320	0.00313	0.00339	0.00391	0.00341	0.00396	1
.00287	.00361	.00350	.00320	.00390	.00278	.00322	.00301	.00349	.00299	.00382	.00319	.00336	.00332	.00402	.00354	.00445	2
.00075	.00074	.00097	.00149	.00148	.00064	.00089	.00062	.00060	.00060	.00101	.00072	.00056	.00047	.00110	.00070	.00111	3
.00028	.00033	.00033	.00032	.00037	.00023	.00032	.00029	.00032	.00027	.00035	.00030	.00029	.00028	.00039	.00032	.00040	4
.00388	.02680	.01763	.01538	.01309	.00966	.01238	.01350	.01060	.00816	.00884	.01004	.00783	.00235	.00834	.00617	.00800	5
.11758	.00458	.01183	.00916	.01219	.00795	.00415	.00445	.00520	.00551	.00581	.00709	.00724	.00336	.00964	.01031	.00867	6
.00485	.01415	.00985	.00886	.00800	.00694	.00792	.00821	.00656	.00534	.00553	.00631	.00228	.00228	.00578	.00467	.00604	7
.01299	.01054	.00977	.00952	.00993	.00873	.00844	.00828	.00862	.00792	.00966	.00933	.00713	.00515	.00897	.00923	.00913	8
.00317	.00273	.00249	.00218	.00283	.00226	.00201	.00205	.00172	.00293	.00174	.00236	.00256	.00123	.00241	.00230	.00284	9
.00168	.00137	.00107	.00114	.00140	.00070	.00085	.00079	.00081	.00070	.00074	.00077	.00065	.00051	.00111	.00099	.00134	10
.01509	.01472	.01390	.01224	.01230	.01073	.01131	.01153	.01169	.01067	.01217	.01105	.01233	.00945	.01195	.01069	.01155	11
.00021	.00042	.00260	.00463	.00102	.00698	.00092	.00080	.00100	.00071	.00235	.00075	.00059	.00058	.00128	.00586	.00120	13
.00639	.01088	.00852	.00687	.00829	.00723	.00787	.00739	.00791	.00752	.00787	.00859	.00803	.00889	.00991	.00883	.00987	14
.00029	.00038	.00049	.00037	.00046	.00046	.00046	.00045	.00048	.00049	.00048	.00047	.00054	.00062	.00048	.00055	.00054	15
.00397	.00191	.00270	.00312	.00510	.00262	.00336	.00324	.00538	.00289	.00405	.00277	.00402	.00250	.00514	.00433	.00814	16
.00232	.00091	.00165	.00176	.00740	.00134	.00213	.00216	.00275	.00154	.00207	.00151	.00123	.00191	.00459	.00271	.00433	17
.00145	.00187	.00231	.00233	.00236	.00212	.00224	.00215	.00214	.00235	.00225	.00214	.00277	.00171	.00226	.00222	.00232	18
.00041	.00032	.00056	.00084	.00084	.00061	.00076	.00082	.00074	.00075	.00051	.00064	.00049	.00037	.00092	.00053	.00075	19
.00727	.00692	.00976	.01568	.01538	.00626	.00892	.00593	.00565	.00570	.01041	.00705	.00522	.00422	.01104	.00665	.01100	20
.00038	.00041	.00142	.00084	.00083	.00077	.00090	.00070	.00036	.00043	.00058	.00068	.00087	.00064	.00388	.00084	.00222	21
.00017	.00010	.00055	.00032	.00179	.00066	.00041	.00025	.00028	.00039	.00037	.00033	.00027	.00054	.00128	.00055	.00104	22
.00006	.00015	.00139	.00126	.00095	.00028	.00100	.00019	.00205	.00016	.00016	.00017	.00012	.00246	.00026	.00015	.00024	23
.00975	.02516	.01299	.01771	.01217	.01037	.01299	.00938	.01060	.00961	.01021	.01074	.01021	.01410	.01671	.01921	.02291	24
.00352	.02224	.00893	.01500	.01429	.00759	.00764	.00533	.00577	.00567	.00484	.00629	.00746	.00478	.01354	.00796	.02087	25
.00911	.05390	.01208	.01120	.01225	.01176	.01475	.01140	.01249	.01115	.01155	.01163	.01130	.01202	.01359	.01283	.02277	26
.03821	.03520	.02719	.03071	.03850	.01755	.02251	.02021	.02211	.01747	.01985	.01970	.01590	.01477	.03136	.02785	.03870	27
.01755	.00817	.00593	.01245	.00966	.00510	.00853	.00807	.01067	.00576	.00817	.00532	.00460	.00719	.01281	.01218	.02287	28
.00132	.00239	.00214	.00203	.00213	.00137	.00182	.00139	.00146	.00145	.00191	.00144	.00162	.00113	.00304	.00161	.00392	29
.00151	.03346	.01226	.00736	.00930	.00217	.00724	.00506	.00561	.00243	.00246	.00260	.00145	.00199	.01042	.00546	.01188	30
.01935	.01697	.01574	.01538	.01607	.01474	.01381	.01338	.01457	.01304	.01696	.01579	.01112	.00864	.01483	.01558	.01481	31
.00628	.00758	.00795	.01961	.02078	.01074	.02820	.02876	.03941	.01580	.01466	.01304	.02098	.03732	.02298	.02516	.02121	32
.00032	.00031	.00034	.00037	.00059	.00038	.00634	.00051	.00038	.00035	.00160	.00093	.00030	.00017	.00034	.00027	.00057	33
.00013	.00017	.00027	.00024	.00142	.00020	.00024	.00027	.00024	.00034	.00029	.00026	.00023	.00022	.00039	.00026	.00114	34
.00086	.00065	.00987	.00149	.00219	.00126	.00133	.00127	.00162	.00109	.00167	.00136	.00119	.00414	.00378	.00347	.00517	35
.00663	.00565	.00704	.00777	.01299	.01418	.00901	.00911	.00684	.02346	.00779	.01455	.01885	.00799	.01457	.01497	.01903	36
.03726	.53772	.35032	.30520	.19074	.24653	.26954	.21050	.16067	.16067	.17473	.19481	.15387	.04423	.16181	.11776	.15410	37
1.55275	.04955	.14896	.11403	.15414	.10085	.04930	.05306	.06899	.06896	.07257	.08914	.09204	.04243	.12247	.13221	.10903	38
.00085	1.00697	.00277	.00508	.00160	.00082	.00122	.00097	.00106	.00099	.00089	.00088	.00076	.00077	.00116	.00116	.00200	39
.00173	.00271	1.02674	.00790	.00970	.00543	.00589	.01418	.01487	.00747	.02730	.02053	.00600	.00164	.03723	.00496	.01073	40
.00714	.02527	.02594	1.03641	.02209	.03491	.03917	.02212	.02465	.03405	.01670	.01494	.01460	.02270	.04676	.02235	.05283	41
.01210	.01566	.05310	.02872	1.05319	.03295	.03295	.03954	.04491	.04059	.03022	.04209	.03022	.02181	.06798	.03072	.02677	42
.00307	.00132	.00403	.00519	.00206	1.09384	.05461	.03795	.02034	.00232	.01054	.01385	.00139	.00102	.00407	.01536	.00333	43
.00041	.00112	.00135	.00523	.00143	1.01301	.01301	.02527	.00626	.00397	.00515	.00254	.00076	.00076	.00168	.00181	.00814	44
.00321	.00200	.00654	.00174	.00464	.01317	.01006	1.04868	.04496	.00330	.01410	.01031	.00144	.00075	.00222	.00280	.00176	45
.00110	.00079	.00271	.00092	.00268	.00472	.00207	.00955	1.07313	.00206	.00564	.00603	.00105	.00063	.00361	.00106	.00289	46
.01082	.00513	.00972	.01576	.01847	.03951	.02506	.04457	.03225	1.08755	.04432	.03015	.00152	.00184	.01900	.01983	.01818	47
.00178	.00201	.00345	.00313	.00454	.00614	.00459	.00485	.01546	.00906	1.07206	.01531	.00321	.00117	.00531	.00184	.00264	48
.00715	.00483	.01665	.01161	.01183	.05468	.10575	.08580	.08282	.04752	.06588	1.09498	.01455	.01349	.03049	.01621	.01544	49
.01700	.00550	.00649	.00499	.00471	.04831	.03806	.01164	.02868	.00632	.01115	.00960	1.12377	.00156	.00442	.00671	.00576	50
.00063	.00068	.00110	.00092	.00287	.00154	.00178	.00396	.00413	.01258	.00969	.00760	.00147	1.20393	.00609	.00134	.01182	51
.00091	.00088	.01778	.00135	.00253	.00188	.00251	.00256	.00863	.00247	.00274	.01026	.00118	.00361	1.06655	.00811	.02596	52
.00564	.00575	.02206	.00551	.01119	.02128	.01218	.02222	.05177	.03559	.04136	.03775	.01735	.02272	.09829	1.08479	.10778	53
.00136	.00076	.00508	.00219	.00503	.00251	.00379	.00261	.00355	.01324	.00794	.01176	.00184	.00193	.00921	.02205	1.02200	54
.00425	.00081	.00150	.00151	.00194	.00201	.00534	.00139	.00187	.00153	.00416	.00214	.00135	.01228	.00832	.01311	.01310	55
.00354	.00116	.00319	.00513	.00358	.02738	.00702	.00345	.00366	.00318	.00477	.00684	.00364	.02338	.00554	.02012	.00547	56
.00149	.00089	.00240	.00222	.00232	.00726	.00379	.00289	.01167	.00305	.00351	.00551	.01047	.08218	.00555	.03325	.00608	57
.00662	.00096	.00190	.00198	.00297	.02717	.01342	.00401	.00622	.00189	.00363	.00407	.00757	.00221	.01376	.00402	.00246	58
.01440	.00584	.00965	.04300	.01499	.02612	.03196	.04569	.03742	.02695	.01457	.03205	.01239	.01039	.04409	.01385	.02231	59

Table 3.—Total Requirements (Direct and Indirect) Per

Industry No.	Each entry represents the output required, directly and indirectly, from the industry named at the beginning of the row for each dollar of delivery to final demand by the industry named at the head of the column.	[Producers' prices]									
		Electric lighting and wiring equipment	Radio, television and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery, equipment and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment	Scientific and controlling instruments	Optical, ophthalmic and photographic equipment	Miscellaneous manufacturing
		55	56	57	58	59	60	61	62	63	64
1	Livestock & Livestock Products.....	0.00371	0.00329	0.00384	0.00328	0.00330	0.000318	0.00444	0.00594	0.00343	0.00622
2	Other Agricultural Products.....	.00378	.00347	.00383	.00352	.00444	.00322	.00560	.00843	.00351	.01063
3	Forestry & Fishery Products.....	.00081	.00080	.00077	.00063	.00068	.00048	.00083	.00083	.00079	.00445
4	Agricultural, Forestry & Fishery Services.....	.00035	.00032	.00035	.00032	.00036	.00027	.00060	.00056	.00031	.00082
5	Iron & Ferroalloy Ores Mining.....	.00797	.00219	.00318	.00412	.01071	.00358	.01166	.00381	.00198	.00328
6	Nonferrous Metal Ores Mining.....	.01200	.00483	.00738	.01583	.00530	.00760	.00636	.00690	.00517	.00563
7	Coal Mining.....	.00488	.00221	.00318	.00382	.00702	.00292	.00735	.00321	.00368	.00356
8	Crude Petroleum & Natural Gas.....	.01260	.00598	.00811	.00814	.00842	.00707	.00880	.00723	.00793	.00927
9	Stone and Clay Mining and Quarrying.....	.00304	.00104	.00233	.00204	.00214	.00126	.00213	.00148	.00146	.00192
10	Chemical & Fertilizer Mineral Mining.....	.00123	.00064	.00135	.00159	.00093	.00059	.00087	.00091	.00287	.00160
11	New Construction.....										
12	Maintenance & Repair Construction.....	.01098	.00847	.01113	.00950	.01230	.00927	.01205	.01069	.00925	.01206
13	Ordinance & Accessories.....	.00056	.01036	.00118	.00073	.00123	.01868	.00087	.00356	.00383	.00033
14	Food & Kindred Products.....	.00915	.00842	.01027	.00837	.00665	.00865	.00862	.01555	.00915	.01256
15	Tobacco Manufactures.....	.00054	.00056	.00065	.00049	.00035	.00059	.00050	.00061	.00048	.00060
16	Broad & Narrow Fabrics, Yarn & Thread Mills.....	.00456	.00429	.00359	.00587	.01633	.00372	.00957	.02581	.00381	.03234
17	Miscellaneous Textile Goods & Floor Coverings.....	.00532	.00203	.00208	.00341	.01017	.00162	.01142	.00416	.00156	.01325
18	Apparel.....	.00236	.00212	.00274	.00215	.00235	.00209	.00291	.00324	.00160	.00418
19	Miscellaneous Fabricated Textile Products.....	.00063	.00036	.00044	.00098	.01696	.00336	.00521	.00088	.00041	.00206
20	Lumber & Wood Products, Except Containers.....	.00776	.00798	.00706	.00545	.00663	.00437	.05432	.00754	.00640	.04178
21	Wooden Containers.....	.00086	.00085	.00080	.00104	.00065	.00060	.00056	.00095	.00027	.00092
22	Household Furniture.....	.00069	.01735	.00134	.00085	.00042	.00118	.00708	.00229	.00034	.00360
23	Other Furniture & Fixtures.....	.00013	.00027	.00014	.00009	.00022	.00346	.00155	.00023	.00013	.00015
24	Paper & Allied Products, Except Containers.....	.02075	.01584	.03122	.01470	.01044	.00953	.01262	.02139	.04019	.04954
25	Paperboard Containers & Boxes.....	.02531	.00779	.01261	.01338	.00607	.00431	.00501	.01148	.01127	.02585
26	Printing & Publishing.....	.01293	.01663	.01357	.01062	.01145	.01339	.01141	.01996	.01452	.02407
27	Chemicals & Selected Chemical Products.....	.03507	.01922	.04101	.04902	.02556	.01654	.02306	.02693	.09466	.04942
28	Plastics & Synthetic Materials.....	.02229	.01150	.01506	.01965	.01459	.00738	.01283	.01575	.01736	.04787
29	Drugs, Cleaning & Toilet Preparations.....	.00173	.00135	.00182	.00178	.00151	.00146	.00153	.00801	.00246	.00537
30	Paints & Allied Products.....	.00733	.00218	.00300	.00212	.00941	.00265	.00789	.00323	.00157	.01036
31	Petroleum Refining & Related Industries.....	.02257	.00995	.01311	.01312	.01386	.01176	.01450	.01196	.01360	.01610
32	Rubber & Miscellaneous Plastics Products.....	.03632	.01911	.02779	.05216	.04333	.01459	.02285	.03798	.01995	.05547
33	Leather Tanning & Industrial Leather Products.....	.00026	.00022	.00023	.00028	.00031	.00025	.00042	.00070	.00056	.00439
34	Footwear & Other Leather Products.....	.00026	.00027	.00028	.00028	.00029	.00027	.00028	.00104	.00190	.00511
35	Glass & Glass Products.....	.04105	.01084	.03594	.00322	.01608	.00193	.00639	.00729	.01877	.00662
36	Stone & Clay Products.....	.01727	.00437	.01214	.01188	.00833	.00716	.00989	.00675	.00533	.00732
37	Primary Iron & Steel Manufacturing.....	.12107	.04011	.05652	.07255	.21208	.06801	.23114	.07161	.02818	.05011
38	Primary Nonferrous Metal Manufacturing.....	.15345	.06168	.09324	.20429	.06478	.09819	.07868	.08743	.06011	.06942
39	Metal Containers.....	.00155	.00083	.00121	.00116	.00145	.00083	.00127	.00414	.00150	.00201
40	Heating, Plumbing & Structural Metal Products.....	.00940	.00178	.00262	.00227	.00342	.00218	.04579	.00230	.00110	.00200
41	Stamping, Screw Machine Products & Bolts.....	.03410	.02973	.03654	.01879	.05928	.02298	.01503	.00983	.00714	.01834
42	Other Fabricated Metal Products.....	.03304	.02716	.03267	.02353	.05502	.02730	.04379	.03181	.01214	.02482
43	Engines & Turbines.....	.00165	.00119	.00141	.00196	.00865	.00442	.03395	.00168	.00074	.01017
44	Farm Machinery & Equipment.....	.00069	.00056	.00063	.00066	.00190	.00066	.00730	.00093	.00043	.00161
45	Construction, Mining & Oil Field Machinery.....	.00137	.00072	.00106	.00136	.00289	.00177	.00420	.00110	.00066	.00088
46	Materials Handling Machinery & Equipment.....	.00072	.00088	.00272	.00082	.00137	.00168	.00164	.00079	.00058	.00114
47	Metalworking Machinery & Equipment.....	.01278	.01449	.01456	.01673	.02751	.03440	.01225	.02031	.00218	.00235
48	Special Industry Machinery & Equipment.....	.00363	.00142	.00188	.00765	.00209	.00182	.00284	.00277	.00188	.00191
49	General Industrial Machinery & Equipment.....	.00493	.00855	.01259	.01959	.01789	.01332	.05070	.01079	.00221	.00472
50	Machine Shop Products.....	.00341	.00608	.00258	.00628	.02108	.05714	.01164	.00608	.00327	.00186
51	Office, Computing & Accounting Machines.....	.00117	.00491	.00134	.00116	.00185	.00141	.00324	.00162	.00079	.00090
52	Service Industry Machines.....	.00245	.00287	.00246	.00795	.00940	.00143	.00478	.00914	.00353	.01012
53	Electric Industrial Equipment & Apparatus.....	.04017	.03081	.03418	.03652	.00870	.00916	.00743	.03197	.00953	.00894
54	Household Appliances.....	.00515	.00406	.00799	.01455	.00313	.00208	.01183	.00354	.00810	.00428
55	Electric Lighting & Wiring Equipment.....	1.03616	.01769	.02522	.00828	.00828	.00313	.00443	.01046	.00322	.00375
56	Radio, Television & Communication Equipment.....	.00656	1.08689	.06226	.03092	.00734	.06157	.00365	.06420	.00990	.00253
57	Electronic Components & Accessories.....	.01551	1.8301	1.06437	.01900	.00553	.02318	.00331	.03174	.01132	.00441
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	.03459	.00314	.00256	1.04911	.01841	.00456	.00374	.00233	.00104	.00100
59	Motor Vehicles & Equipment.....	.01647	.00468	.00537	.05438	1.50871	.00753	.02624	.01773	.00309	.00469
60	Aircraft & Parts.....	.00156	.02194	.00630	.00227	.00312	1.19862	.00995	.01706	.00406	.00400
61	Other Transportation Equipment.....	.00108	.00077	.00084	.00122	.00136	.00161	1.09317	.00456	.00053	.00399
62	Scientific & Controlling Instruments.....	.00482	.00872	.00778	.01119	.01222	.02296	.00409	1.07973	.00983	.00264
63	Optical, Ophthalmic & Photographic Equipment.....	.00118	.00354	.00338	.00633	.00120	.00477	.00094	.00931	1.04776	.00194
64	Miscellaneous Manufacturing.....	.00331	.00327	.00352	.00312	.00291	.00326	.00583	.01114	.00286	1.08473
65	Transportation & Warehousing.....	.04943	.03081	.03844	.04295	.05742	.03439	.05641	.03877	.03424	.04685
66	Communications; Except Radio & TV Broadcasting.....	.01011	.01308	.01244	.00939	.00906	.01527	.01001	.01561	.01155	.01187
67	Radio & TV Broadcasting.....	.00285	.00308	.00283	.00227	.00290	.00244	.00444	.00370	.00318	.00370
68	Electric, Gas, Water & Sanitary Services.....	.03041	.01922	.02829	.02860	.02814	.02309	.02946	.02347	.02091	.02473
69	Wholesale & Retail Trade.....	.07461	.06138	.06912	.07190	.06784	.04905	.06933	.06845	.05603	.07761
70	Finance & Insurance.....	.01489	.01350	.01588	.01445	.01692	.01396	.01846	.01834	.01376	.01773
71	Real Estate & Rental.....	.02750	.02737	.02795	.02283	.02110	.02101	.02611	.03056	.02636	.03405
72	Hotels; Personal & Repair Services exc. Auto.....	.00407	.00418	.00508	.00390	.00323	.00711	.00413	.00573	.00429	.00453
73	Business Services.....	.04568	.04942	.04549	.03641	.04131	.04647	.03920	.07122	.05107	.05932
75	Automobile Repair & Services.....	.00382	.00380	.00383	.00390	.01743	.00406	.00413	.00410	.00314	.00392
76	Amusements.....	.00172	.00181	.00181	.00143	.00142	.00175	.00152	.00250	.00178	.00203
77	Medical, Educational Services & Nonprofit Organizations.....	.00162	.00228	.00218	.00152	.00128	.00250	.00156	.00220	.00166	.00173
78	Federal Government Enterprises ¹.....	.00463	.00524	.00506	.00417	.00494	.00487	.00471	.00624	.00481	.00652
79	State & Local Government Enterprises.....	.00614	.00409	.00556	.00574	.00618	.00463	.00620	.00501	.00440	.00538
80	Gross Imports of Goods & Services.....	.04924	.04018	.03832	.05609	.03368	.02810	.04869	.03525	.06009	.05596
81	Business Travel, Entertainment & Gifts.....	.01900	.01966	.02282	.01712	.01215	.02077	.01755	.02523	.01697	.01760
82	Office Supplies.....	.00207	.00284	.00272	.00194	.00193	.00266	.00231	.00332	.00218	.00288

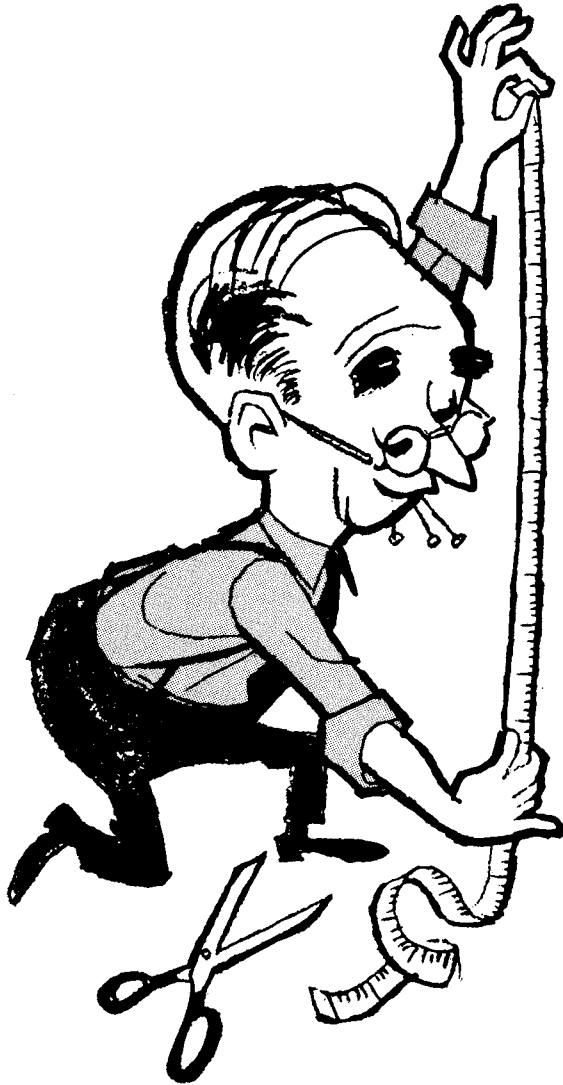
Dollar of Delivery to Final Demand, 1963—Continued

[Producers' prices]

Transportation and warehousing	Communications; except radio and TV broadcasting	Radio and TV broadcasting	Electric, gas, water and sanitary services	Wholesale and retail trade	Finance and insurance	Real estate and rental	Hotels; personal and repair services except auto	Business services	Automobile repair and services	Amusements	Medical, educational services and non-profit organizations	Federal Government enterprises ¹	State and local government enterprises	Gross imports of goods and services	Business travel, entertainment and gifts	Office supplies	Industry No.
65	66	67	68	69	70	71	72	73	75	76	77	78	79	80	81	82	
0.00374	0.00164	0.00637	0.00202	0.00552	0.00410	0.01916	0.00452	0.00590	0.00277	0.01043	0.00819	0.00242	0.00191		0.10811	0.00652	1
.00580	.00170	.00543	.00230	.00538	.00428	.02776	.00578	.00574	.00312	.00823	.00819	.00276	.00238		.08588	.00761	2
.00041	.00025	.00027	.00052	.00045	.00040	.00062	.00050	.00077	.00032	.00041	.00043	.00021	.00112		.00303	.00406	3
.00038	.00013	.00038	.00020	.00178	.00031	.00168	.00040	.00043	.00038	.00059	.00054	.00019	.00030		.00542	.00067	4
.00088	.00018	.00017	.00063	.00031	.00019	.00050	.00058	.00047	.00153	.00033	.00029	.00023	.00086		.00095	.00140	5
.00058	.00027	.00021	.00053	.00034	.00021	.00050	.00082	.00057	.00123	.00042	.00032	.00019	.00078		.00075	.00196	6
.00187	.00073	.00092	.03483	.00140	.00172	.00095	.00157	.00191	.00198	.00117	.00203	.01435	.01762		.00204	.00490	7
.02605	.00574	.00431	.09432	.00981	.00619	.00804	.00975	.00711	.01045	.00824	.00782	.00647	.02396		.01720	.01004	8
.00118	.00065	.00037	.00150	.00067	.00052	.00196	.00124	.00077	.00179	.00071	.00079	.00044	.00358		.00143	.00271	9
.00032	.00011	.00024	.00040	.00027	.00023	.00041	.00056	.00087	.00048	.00059	.00034	.00016	.00097		.00078	.00234	10
.04547	.03394	.01384	.07621	.01413	.01651	.09453	.02127	.01316	.01368	.02893	.03381	.01670	.19340		.02931	.01413	11
.00019	.00017	.00013	.00006	.00025	.00008	.00008	.00021	.00023	.00026	.00016	.00010	.00006	.00008		.00129	.00058	13
.00899	.00382	.01404	.00440	.01391	.00910	.00726	.00957	.01484	.00586	.01510	.02118	.00563	.00434		.34914	.01559	14
.00026	.00027	.00107	.00028	.00045	.00064	.00025	.00057	.00102	.00030	.00106	.00060	.00037	.00022		.02839	.00060	15
.00126	.00058	.00060	.00085	.00183	.00089	.00121	.01336	.00207	.00368	.00097	.00138	.00216	.00107		.00480	.01063	16
.00122	.00026	.00030	.00039	.00061	.00046	.00049	.00297	.00118	.00234	.00047	.00056	.00128	.00059		.00205	.00535	17
.00083	.00057	.00028	.00061	.00136	.00027	.00080	.00601	.00050	.00133	.00039	.00046	.00026	.00056		.00301	.00153	18
.00029	.00010	.00015	.00019	.00063	.00020	.00023	.00691	.00038	.00225	.00022	.00077	.00135	.00046		.00196	.00125	19
.00392	.00247	.00178	.00537	.00409	.00371	.00638	.00409	.00718	.00293	.00312	.00338	.00191	.00187		.00590	.04295	20
.00010	.00005	.00008	.00007	.00055	.00007	.00021	.00017	.00014	.00024	.00011	.00012	.00005	.00011		.00097	.00037	21
.00011	.00025	.00010	.00005	.00026	.00006	.00011	.00019	.00013	.00016	.00007	.00007	.00003	.00008		.00029	.00068	22
.00007	.00003	.00004	.00005	.00022	.00008	.00009	.00005	.00032	.00008	.00006	.00006	.00003	.00009		.00008	.00063	23
.00620	.00501	.00702	.00642	.01724	.02632	.00537	.01372	.05604	.00743	.00968	.01148	.00678	.01090		.01895	.39390	24
.00172	.00072	.00115	.00105	.00675	.00187	.00122	.00514	.00510	.00332	.00170	.00218	.00097	.00162		.00986	.02197	25
.01144	.00899	.02036	.01063	.01865	.05103	.01054	.01410	.24050	.00901	.02744	.02766	.01071	.01461		.01883	.66819	26
.00884	.00315	.00731	.01127	.00760	.00641	.01040	.01719	.01994	.01356	.01902	.01008	.00455	.01976		.06584	.00654	27
.00269	.00109	.00113	.00169	.00249	.00163	.00212	.00589	.00400	.00802	.00202	.00199	.00180	.00295		.00525	.02061	28
.00093	.00042	.00101	.00075	.00276	.00125	.00142	.01913	.00500	.00111	.00138	.02030	.00138	.00140		.01230	.00303	29
.00264	.00166	.00083	.00365	.00126	.00104	.00462	.00223	.00176	.00864	.00165	.00184	.00097	.00893		.00238	.00381	30
.05191	.00988	.00582	.01903	.01677	.06809	.01362	.01686	.01103	.01915	.00957	.01049	.01101	.00277		.03310	.01718	31
.00834	.00256	.00193	.00298	.00496	.00248	.00303	.01064	.00344	.02333	.00279	.00426	.00365	.00476		.01009	.02536	32
.00007	.00004	.00014	.00005	.00014	.00008	.00011	.00343	.00020	.00012	.00031	.00009	.00007	.00007		.00146	.00088	33
.00010	.00008	.00045	.00009	.00035	.00019	.00020	.01062	.00040	.00018	.00114	.00023	.00018	.00009		.00556	.00108	34
.00092	.00052	.00054	.00072	.00094	.00044	.00097	.00225	.00065	.00900	.00092	.00124	.00043	.00153		.00554	.00306	35
.00263	.00126	.00079	.00337	.00256	.00101	.00337	.00670	.00191	.01397	.00142	.00163	.00106	.00874		.00351	.00451	36
.01640	.00300	.00247	.00871	.00504	.00283	.00686	.00924	.00701	.02847	.00413	.00436	.00401	.01411		.01674	.02051	37
.00653	.00321	.00204	.00507	.00343	.00205	.00441	.00918	.00552	.01456	.00370	.00312	.00192	.00804		.00790	.02004	38
.00082	.00030	.00051	.00058	.00073	.00044	.00076	.00107	.00088	.00105	.00074	.00120	.00034	.00105		.00855	.00170	39
.00196	.00110	.00056	.00263	.00168	.00066	.00363	.00111	.00082	.00122	.00110	.00121	.00066	.00610		.00150	.00118	40
.00168	.00081	.00055	.00078	.00131	.00055	.00093	.00279	.00155	.01763	.00077	.00096	.00084	.00132		.00341	.00432	41
.00580	.00149	.00120	.00273	.00287	.00162	.00296	.00766	.00390	.01486	.00191	.00216	.00154	.00520		.00782	.01633	42
.00238	.00021	.00034	.00114	.00058	.00049	.00037	.00049	.00369	.00440	.00041	.00031	.00065	.00084		.00136	.00069	43
.00029	.00011	.00026	.00026	.00043	.00035	.00049	.00035	.00287	.00042	.00032	.00032	.00015	.00028		.00109	.00050	44
.00054	.00025	.00020	.00185	.00069	.00027	.00080	.00040	.00078	.00068	.00033	.00035	.00065	.00174		.00052	.00070	45
.00040	.00022	.00012	.00050	.00033	.00016	.00066	.00034	.00025	.00034	.00024	.00025	.00015	.00117		.00040	.00069	46
.00155	.00038	.00029	.00053	.00079	.00031	.00064	.00108	.00142	.00387	.00037	.00044	.00040	.00083		.00135	.00129	47
.00037	.00016	.00026	.00030	.00083	.00039	.00131	.00059	.00111	.00075	.00050	.00039	.00020	.00050		.00079	.00365	48
.00167	.00041	.00034	.00103	.00109	.00044	.00101	.00115	.00144	.00269	.00052	.00053	.00046	.00142		.00151	.00280	49
.00139	.00036	.00021	.00056	.00057	.00024	.00039	.00064	.00069	.01354	.00092	.00032	.00039	.00073		.00107	.00087	50
.00048	.00037	.00079	.00047	.00121	.00127	.00112	.00073	.01093	.00060	.00088	.00050	.00035	.00063		.00075	.00569	51
.00062	.00038	.00038	.00073	.00072	.00050	.00089	.00075	.00351	.00120	.00054	.00048	.00034	.00161		.00073	.00074	52
.00235	.00088	.00079	.00186	.00134	.00088	.00147	.00534	.00510	.00394	.00105	.00097	.00067	.00243		.00303	.00307	53
.00063	.00037	.00048	.00064	.00081	.00039	.00093	.01077	.00098	.00091	.00071	.00053	.00042	.00136		.00677	.00163	54
.00122	.00068	.00039	.00256	.00093	.00039	.00113	.00194	.00067	.00255	.00064	.00065	.00050	.00524		.00129	.00160	55
.00110	.01417	.00449	.00057	.00104	.00090	.00064	.00247	.00180	.00178	.00087	.00109	.00037	.00073		.00840	.00179	56
.00160	.00254	.00113	.00049	.00087	.00049	.00062	.02943	.00172	.00130	.00073	.00084	.00040	.00052		.00607	.00223	57
.00320	.00059	.00032	.00061	.00126	.00044	.00047	.00092	.00148	.02066	.00046	.00051	.00065	.00098		.00191	.00077	58
.00785	.00181	.00084	.00195	.00306	.00124	.00175	.00284	.00233	.12042	.00137	.00167	.00370	.00300		.00493	.00255	59
.00726	.00044	.00039	.00048	.00149	.00032	.00051	.00079	.00081	.00106	.00045	.00047	.00095	.00048		.00408	.00168	60
.00802	.00014	.00027	.00070	.00045	.00029	.00047	.00106	.00096	.00050	.00035	.00030	.00105	.00128		.00377	.00108</	

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CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1967 edition of BUSINESS STATISTICS, biennial statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (price \$2.50) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1963 through 1966 (1956-66 for major quarterly series), annually, 1939-66; for selected series, monthly or quarterly, 1947-66 (where available). Series added or significantly revised after the 1967 BUSINESS STATISTICS went to press are indicated by an asterisk (*) and a dagger (†), respectively; certain revisions for 1966 issued too late for inclusion in the 1967 volume appear in the monthly SURVEY beginning with the September 1967 issue. Also, unless otherwise noted, revised monthly data for periods not shown herein corresponding to revised annual data are available upon request.

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, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1966	1967	1968	1966		1967				1968				1969		
	Annual total			III	IV	I	II	III	IV	I	II	III	IV	I	II	III
	Seasonally adjusted quarterly totals at annual rates															

GENERAL BUSINESS INDICATORS—Quarterly Series

NATIONAL INCOME AND PRODUCT																
Gross national product, total †.....bil. \$..	749.9	793.5	865.7	755.9	770.7	774.2	783.5	800.4	816.1	835.3	858.7	876.4	892.5	908.7	924.8	* 942.8
Personal consumption expenditures, total.....do....	466.3	492.3	536.6	471.2	474.5	480.9	489.8	495.7	502.6	520.6	530.3	544.9	550.7	562.0	572.8	* 579.8
Durable goods, total †.....do....	70.8	73.0	83.3	71.3	71.9	70.0	73.5	73.3	75.2	79.5	81.8	85.8	86.3	88.4	90.6	* 89.8
Automobiles and parts.....do....	30.3	30.5	37.0	30.2	30.5	28.4	31.3	30.9	31.2	34.8	35.6	38.6	39.0	39.4	40.0	* 40.8
Furniture and household equipment.....do....	29.9	31.3	34.2	30.6	30.7	30.7	31.2	31.2	32.2	33.4	33.8	35.0	34.6	35.5	36.8	* 35.8
Nondurable goods, total †.....do....	206.9	215.1	230.6	209.6	209.1	213.2	214.4	215.8	216.8	226.1	228.5	233.3	234.2	238.6	242.1	* 245.1
Clothing and shoes.....do....	40.3	42.5	46.3	41.1	40.9	41.7	42.6	42.9	42.7	45.0	45.6	47.4	47.3	48.1	50.0	* 50.8
Food and beverages.....do....	105.8	108.1	115.0	106.7	105.6	107.8	107.6	108.1	108.9	112.6	114.8	116.1	116.4	118.4	119.1	* 119.9
Gasoline and oil.....do....	16.6	17.7	19.1	16.7	17.0	17.3	17.5	17.9	18.1	18.9	18.8	19.5	19.5	20.4	21.0	* 21.8
Services, total †.....do....	188.6	204.2	222.8	190.2	193.5	197.7	201.8	206.6	210.6	215.1	220.0	225.8	230.1	235.0	240.1	* 244.9
Household operation.....do....	27.1	29.1	31.2	27.6	27.9	28.2	29.0	29.3	30.1	30.5	30.7	31.6	31.9	32.7	33.1	* 33.9
Housing.....do....	67.5	71.8	77.4	67.9	69.0	70.1	71.1	72.3	73.7	75.2	76.7	77.9	79.8	81.3	82.8	* 84.4
Transportation.....do....	13.6	14.7	16.1	13.6	14.1	14.4	14.5	14.8	15.0	15.5	15.9	16.3	16.5	17.1	17.3	* 17.7
Gross private domestic investment, total.....do....	121.4	116.0	126.3	119.6	126.2	113.6	109.4	117.7	123.3	119.4	126.6	125.2	133.9	135.2	137.4	* 143.3
Fixed investment.....do....	106.6	108.6	119.0	107.7	106.3	104.7	106.1	109.9	113.8	117.7	116.7	118.0	123.4	128.6	130.5	* 132.5
Nonresidential.....do....	81.6	83.7	88.8	83.0	84.2	83.3	83.0	83.5	85.0	89.1	86.4	88.1	91.5	95.3	97.8	* 101.1
Structures.....do....	28.5	27.9	29.3	29.0	28.2	29.0	27.2	27.8	27.8	29.8	28.3	29.0	30.1	32.3	32.1	* 34.7
Producers' durable equipment.....do....	53.1	55.7	59.5	54.0	56.0	54.2	55.8	55.7	57.2	59.4	58.1	59.1	61.4	63.0	65.7	* 66.4
Residential structures.....do....	25.0	25.0	30.2	24.7	22.1	21.4	23.1	26.5	28.5	28.6	30.3	29.9	31.9	33.3	32.7	* 31.4
Nonfarm.....do....	24.5	24.4	29.6	24.2	21.5	20.9	22.5	25.9	28.3	28.0	29.7	29.2	31.4	32.8	32.2	* 30.7
Change in business inventories.....do....	14.8	7.4	7.3	11.9	19.9	9.0	3.4	7.8	9.5	1.6	9.9	7.2	10.5	6.6	6.9	* 10.0
Nonfarm.....do....	15.0	6.8	7.4	12.4	20.4	9.1	3.0	7.0	8.0	1.3	10.3	7.5	10.7	6.6	6.7	* 10.3
Net exports of goods and services.....do....	5.3	5.2	2.5	4.4	4.9	5.4	5.8	5.6	3.8	1.9	3.4	3.6	1.2	1.5	1.6	* 2.7
Exports.....do....	43.4	46.2	50.6	43.7	44.8	45.8	45.9	46.3	46.7	47.7	50.7	53.4	50.6	47.6	57.1	* 57.8
Imports.....do....	38.1	41.0	48.1	39.3	39.9	40.4	40.1	40.7	42.8	45.9	47.3	49.7	49.4	46.1	55.5	* 55.2
Govt. purchases of goods and services, total.....do....	156.3	180.1	200.3	160.7	165.2	174.2	178.5	181.3	186.4	193.4	198.4	202.5	206.7	210.0	212.9	* 217.0
Federal.....do....	77.8	90.7	99.5	80.5	82.1	87.8	90.3	91.3	93.5	96.3	99.0	100.9	101.9	101.6	100.6	* 103.2
National defense.....do....	60.7	72.4	78.0	63.3	65.6	69.9	71.9	73.0	74.6	76.1	77.9	78.8	79.3	79.0	78.5	* 80.3
State and local.....do....	79.0	89.3	100.7	80.1	83.0	86.4	88.1	90.0	92.9	97.1	99.4	101.7	104.8	108.5	112.3	* 113.8
By major type of product: †																
Final sales, total.....do....	735.1	786.2	858.4	744.0	750.8	765.2	780.2	792.6	806.6	833.6	848.8	869.2	882.0	902.1	917.9	* 932.0
Goods, total.....do....	368.5	391.0	423.7	373.4	377.2	382.5	392.5	393.3	395.8	412.8	419.3	429.9	433.0	441.3	449.6	* 455.2
Durable goods.....do....	146.2	157.0	171.4	148.1	151.8	151.9	158.3	157.7	160.0	166.4	168.9	173.7	176.6	181.6	185.5	* 187.8
Nondurable goods.....do....	222.3	234.1	252.3	225.3	225.4	230.7	234.2	235.5	235.9	246.5	250.4	256.1	256.4	259.7	264.1	* 267.4
Services.....do....	289.1	316.7	347.5	293.2	298.4	306.4	312.0	320.1	328.4	335.0	343.4	353.2	358.5	365.8	373.4	* 381.6
Structures.....do....	77.5	78.4	87.1	77.4	75.3	76.3	75.6	79.3	82.4	85.8	86.0	86.1	90.6	94.9	94.8	* 95.3
Change in business inventories.....do....	14.8	7.4	7.3	11.9	19.9	9.0	3.4	7.8	9.5	1.6	9.9	7.2	10.5	6.6	6.9	* 10.7
Durable goods.....do....	10.5	3.9	5.3	10.2	13.2	4.2	1.5	4.4	5.6	1.9	6.8	5.1	7.4	4.8	4.9	* 7.6
Nondurable goods.....do....	4.3	3.5	2.0	1.7	6.7	4.7	1.8	3.4	3.9	-3	3.1	2.1	3.1	1.8	2.1	* 3.1
GNP in constant (1958) dollars																
Gross national product, total †.....bil. \$..	658.1	674.6	707.6	660.2	668.1	666.5	670.5	678.0	683.5	693.3	705.8	712.8	718.5	723.1	726.7	* 730.6
Personal consumption expenditures, total.....do....	418.1	430.3	452.6	421.3	420.7	424.4	430.5	431.9	434.3	445.6	449.0	458.2	457.6	462.9	466.2	* 466.5
Durable goods.....do....	71.7	72.8	80.7	72.3	72.3	70.3	73.9	73.0	73.9	77.7	79.5	83.0	82.7	84.3	85.9	* 84.7
Nondurable goods.....do....	187.0	190.3	196.9	188.7	187.0	190.2	190.6	190.3	190.2	196.0	195.8	198.7	197.2	199.3	199.3	* 199.3
Services.....do....	159.4	167.2	175.0	160.2	161.5	163.9	168.1	168.6	170.3	171.8	173.7	178.5	177.7	179.3	181.0	* 182.5
Gross private domestic investment, total.....do....	109.3	100.8	105.7	107.1	112.5	100.5	95.7	101.6	105.4	101.2	106.6	104.1	110.9	109.9	110.8	* 114.3
Fixed investment.....do....	95.4	93.9	99.1	96.0	94.0	92.0	92.6	94.3	96.7	99.8	97.6	97.7	101.4	104.0	104.8	* 105.0
Nonresidential.....do....	74.1	73.6	75.8	75.0	75.4	74.1	73.5	73.1	73.8	77.1	74.0	75.0	77.3	79.4	81.0	* 82.4
Residential structures.....do....	21.3	20.3	23.3	20.9	18.6	17.9	19.0	21.2	23.0	22.7	23.5	22.7	24.1	24.6	23.8	* 22.6
Change in business inventories.....do....	13.9	6.9	6.6	11.1	18.5	8.5	3.1	7.4	8.7	1.5	9.0	6.4	9.6	5.9	6.0	* 9.3
Net exports of goods and services.....do....	4.2	3.6	.9	3.2	3.3	4.0	4.2	4.1	2.0	.9	1.3	1.7	-.2	-.3	-.5	* .4
Govt. purchases of goods and services, total.....do....	126.5	140.0	148.4	128.7	131.6	137.6	140.1	140.4	141.7	145.6	148.9	148.8	150.2	150.6	150.2	* 149.4
Federal.....do....	65.4	74.8	78.9	67.3	68.6	72.8	75.1	75.5	75.7	77.3	79.6	79.2	79.4	78.3	76.8	* 75.5
State and local.....do....	61.1	65.2	69.5	61.4	63.0	64.8	65.0	64.9	66.0	68.3	69.3	69.6	70.8	72.3	73.9	* 73.9

† Revised. ‡ Preliminary. † Revised series. Estimates of national income and product and personal income have been revised back to 1965 (see p. 13 ff. of the July 1969 SURVEY).

revisions prior to May 1968 for personal income appear on p. 26 ff. of the July 1969 SURVEY. ‡ Includes data not shown separately.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1966	1967	1968	1966	1967				1968				1969			
	Annual total			IV	I	II	III	IV	I	II	III	IV	I	II	III	IV

GENERAL BUSINESS INDICATORS—Quarterly Series—Continued

GENERAL BUSINESS INDICATORS—Quarterly Series—Continued																
NATIONAL INCOME AND PRODUCT—Con.																
<i>Quarterly Data Seasonally Adjusted at Annual Rates</i>																
National income, total.....bil. \$.....	620.6	654.0	714.4	637.3	639.3	646.2	658.5	672.0	688.8	707.4	724.1	737.3	751.3	765.7	780.5	-----
Compensation of employees, total.....do.....	435.5	467.4	513.6	449.7	456.2	461.1	470.7	481.7	495.1	507.0	519.8	532.3	546.0	558.2	571.9	-----
Wages and salaries, total.....do.....	304.5	423.5	465.0	407.4	413.2	417.7	426.5	436.5	448.2	459.0	470.7	482.1	493.3	504.3	516.9	-----
Private.....do.....	316.8	337.3	369.0	326.2	330.2	333.0	339.6	346.3	355.9	364.5	372.7	382.8	392.5	402.0	410.2	-----
Military.....do.....	14.6	16.2	18.0	15.5	15.8	15.9	16.1	17.0	17.3	17.6	18.7	18.3	18.2	18.4	20.1	-----
Government civilian.....do.....	63.1	70.0	78.0	65.7	67.2	68.8	70.8	73.2	75.0	76.8	79.3	80.9	82.5	84.0	86.6	-----
Supplements to wages and salaries.....do.....	41.0	43.9	48.6	42.3	43.0	43.4	44.2	45.1	47.0	48.0	49.1	50.2	52.7	53.8	55.0	-----
Proprietors' income, total.....do.....	61.3	61.9	63.8	60.8	60.8	61.7	62.6	62.3	63.2	63.6	64.1	64.1	64.6	66.5	67.3	-----
Business and professional.....do.....	45.2	47.2	49.2	45.8	46.5	47.1	47.8	47.5	48.4	49.2	49.3	49.7	49.7	50.1	50.5	-----
Farm.....do.....	16.1	14.7	14.6	15.0	14.3	14.7	14.8	14.9	14.8	14.3	14.8	14.4	14.9	16.4	16.8	-----
Rental income of persons.....do.....	20.0	20.8	21.2	20.3	20.6	20.8	20.9	21.0	21.1	21.2	21.2	21.4	21.5	21.6	21.7	-----
Corporate profits and inventory valuation adjustment, total.....bil. \$.....	82.4	79.2	87.9	83.7	78.3	78.3	79.1	81.1	82.5	88.2	90.6	90.3	89.5	89.2	88.7	-----
By broad industry groups:																-----
Financial institutions.....do.....	9.7	10.5	11.5	10.1	10.2	10.3	10.5	10.8	11.0	11.2	12.1	11.9	12.3	12.7	13.1	-----
Nonfinancial corporations, total.....do.....	72.7	68.8	76.4	73.6	68.1	68.0	68.6	70.3	71.6	76.9	78.5	78.5	77.2	76.5	75.6	-----
Manufacturing, total.....do.....	42.6	39.0	44.4	42.9	39.2	38.8	38.3	39.5	41.1	44.9	45.4	46.2	45.1	44.9	44.9	-----
Nondurable goods industries.....do.....	18.6	18.1	19.9	18.7	18.2	17.9	18.0	18.3	19.1	19.8	20.4	20.4	20.3	21.0	21.0	-----
Durable goods industries.....do.....	24.0	20.9	24.5	24.2	21.0	20.8	20.4	21.2	22.0	25.1	25.0	25.8	24.7	23.9	23.9	-----
Transportation, communication, and public utilities.....bil. \$.....	11.9	10.8	11.6	11.9	10.9	10.7	10.8	10.9	11.3	11.5	12.0	11.6	11.8	11.7	11.7	-----
All other industries.....do.....	18.2	19.0	20.4	18.9	18.0	18.5	19.5	19.9	19.1	20.6	21.0	20.7	20.3	19.9	19.9	-----
Corporate profits before tax, total.....do.....	84.2	80.3	91.1	83.2	78.4	79.1	79.5	84.4	87.9	90.7	91.5	94.5	95.5	95.4	92.4	-----
Corporate profits tax liability.....do.....	34.3	33.0	41.3	33.9	32.3	32.6	32.5	34.5	39.9	41.1	41.4	42.9	43.4	43.6	42.4	-----
Corporate profits after tax.....do.....	49.9	47.3	49.8	49.3	46.1	46.4	47.0	49.9	47.9	49.7	50.0	51.6	52.2	51.8	50.0	-----
Dividends.....do.....	20.8	21.5	23.1	20.2	21.1	21.7	22.0	21.1	22.2	22.9	23.6	23.8	23.8	24.3	24.3	-----
Undistributed profits.....do.....	20.1	25.9	26.7	29.1	24.9	24.8	25.0	28.8	25.7	26.7	26.5	27.8	28.4	27.5	25.1	-----
Inventory valuation adjustment.....do.....	-1.8	-1.1	-3.2	5	-1	-7	-4	-3.3	-5.3	-2.6	-9	-4.2	-6.1	-6.2	-3.7	-----
Net interest.....do.....	21.4	24.7	28.0	22.8	23.5	24.3	25.1	25.9	26.7	27.5	28.4	29.3	29.8	30.3	30.9	-----
DISPOSITION OF PERSONAL INCOME†																
<i>Quarterly Data Seasonally Adjusted at Annual Rates</i>																
Personal income, total.....bil. \$.....	587.2	629.4	687.9	605.0	615.2	622.2	634.5	645.9	664.3	680.1	696.1	711.2	724.4	740.5	756.5	-----
Less: Personal tax and nontax payments.....do.....	75.4	82.9	97.9	79.4	80.8	80.6	84.1	86.1	89.3	92.7	102.6	107.0	114.2	118.5	117.5	-----
Equals: Disposable personal income.....do.....	511.9	546.5	590.0	525.6	534.4	541.6	550.3	559.8	575.0	587.4	593.4	604.3	610.2	622.0	639.0	-----
Less: Personal outlays‡.....do.....	479.3	506.2	551.6	487.8	494.5	503.9	509.7	516.6	535.1	545.1	560.2	566.2	577.7	588.8	596.0	-----
Equals: Personal saving§.....do.....	32.5	40.4	38.4	37.7	40.0	37.7	40.7	43.1	39.9	42.3	33.2	38.0	32.5	33.3	43.1	-----
NEW PLANT AND EQUIPMENT EXPENDITURES																
<i>Unadjusted quarterly or annual totals:</i>																
All industries.....bil. \$.....	60.63	61.66	64.08	17.00	13.59	15.61	15.40	17.05	14.25	15.86	16.02	17.95	15.21	17.73	18.16	19.76
Manufacturing.....do.....	26.99	26.69	26.44	7.75	6.10	6.81	6.48	7.30	5.79	6.50	6.63	7.52	6.21	7.35	7.56	8.57
Durable goods industries¶.....do.....	13.99	13.70	13.51	4.07	3.08	3.46	3.33	3.82	2.96	3.22	3.37	3.95	3.26	3.83	3.91	4.43
Nondurable goods industries¶.....do.....	13.00	13.00	12.93	3.68	3.02	3.34	3.15	3.48	2.82	3.28	3.25	3.57	2.95	3.52	3.64	4.14
Mining.....do.....	1.47	1.42	1.42	.38	.32	.34	.37	.39	.36	.36	.34	.35	.36	.41	.38	-----
Railroad.....do.....	1.98	1.53	1.34	.55	.41	.41	.35	.36	.37	.36	.30	.30	.32	.35	.40	-----
Transportation, other than rail.....do.....	3.44	3.88	4.31	2.86	.70	1.12	2.98	1.07	.98	1.04	1.12	1.18	1.06	1.14	1.12	1.20
Public utilities.....do.....	8.41	9.88	11.54	2.36	1.84	2.46	2.66	2.92	2.33	2.97	2.96	3.28	2.66	3.38	3.35	3.34
Communication.....do.....	5.62	5.91	6.36	1.58	1.35	1.49	1.46	1.62	1.48	1.51	1.50	1.86	1.68	1.86	1.86	-----
Commercial and other.....do.....	12.74	12.34	12.67	3.52	2.87	3.09	3.09	3.39	2.93	3.11	3.18	3.46	2.91	3.23	3.51	5.88
<i>Seas. adj. qtrly. totals at annual rates:</i>																
All industries.....do.....				62.80	61.65	61.50	60.90	62.70	64.75	62.60	63.20	65.90	68.90	70.20	72.25	72.10
Manufacturing.....do.....				27.75	27.85	27.00	26.15	26.00	26.35	25.80	26.65	26.85	28.20	29.30	30.45	30.55
Durable goods industries¶.....do.....				14.50	14.20	13.75	13.50	13.50	13.65	12.80	13.65	13.90	15.00	15.35	15.80	15.50
Nondurable goods industries¶.....do.....				13.25	13.70	13.25	12.65	12.55	12.70	13.00	13.05	12.95	13.20	13.95	14.60	15.05
Mining.....do.....				1.45	1.40	1.30	1.45	1.50	1.55	1.40	1.35	1.35	1.55	1.65	1.60	1.45
Railroad.....do.....				2.35	1.80	1.55	1.40	1.40	1.65	1.40	1.20	1.15	1.35	1.35	1.70	1.50
Transportation, other than rail.....do.....				3.50	3.05	3.90	4.10	4.45	4.35	3.65	4.60	4.80	4.80	4.00	4.65	4.85
Public utilities.....do.....				8.50	9.20	9.70	9.80	10.65	11.60	11.65	10.90	12.00	13.05	13.20	12.70	12.20
Communication.....do.....				5.95	5.75	5.80	6.05	6.05	6.35	5.90	6.15	6.95	7.25	7.40	7.40	-----
Commercial and other.....do.....				13.30	12.55	12.25	11.95	12.65	12.85	12.80	12.35	12.75	12.75	13.30	21.20	21.55
U.S. BALANCE OF INTERNATIONAL PAYMENTS‡																
<i>Quarterly Data Are Seasonally Adjusted (Credits +; debits -)</i>																
Exports of goods and services (excl. transfers under military grants).....mil. \$.....	43,361	46,189	50,599	11,196	11,461	11,484	11,577	11,667	11,934	12,668	13,344	12,653	11,913	14,184	14,567	-----
Merchandise, adjusted, excl. military.....do.....	29,389	30,681	33,598	7,564	7,688	7,723	7,669	7,601	7,941	8,395	8,879	8,383	7,469	9,588	9,567	-----
Transfers under military sales contracts.....do.....	829	1,239	1,428	210	333	335	239	332	305	353	406	364	418	331	-----	
Income on U.S. investments abroad.....do.....	6,252	6,872	7,701	1,640	1,612	1,580	1,801	1,879	1,771	1,973	2,040	1,917	2,120	2,135	-----	
Other services.....do.....	6,891	7,397	7,872	1,782	1,828	1,846	1,868	1,855	1,917	1,947	2,019	1,989	1,906	2,130	-----	
Imports of goods and services.....do.....	-38,082	-41,012	-48,077	-9,973	-10,100	-10,033	-10,173	-10,706	-11,463	-11,827	-12,435	-12,352	-11,550	-13,901	-----	
Merchandise, adjusted, excl. military.....do.....	-25,463	-26,821	-32,972	-6,676	-6,660	-6,465	-6,542	-7,154	-7,817	-8,131	-8,566	-8,458	-7,572	-9,590	-9,231	-----
Military expenditures.....do.....	-3,764	-4,378	-4,530	-987	-1,085	-1,075	-1,106	-1,112	-1,102	-1,116	-1,143	-1,169	-1,204	-1,217	-----	
Income on foreign investments in the U.S.....do.....	-2,142	-2,362	-2,932	-591	-584	-591	-580	-607	-671	-742	-740	-749	-892	-1,078	-----	
Other services.....do.....	-6,713	-7,451	-7,643	-1,719	-1,771	-1,902	-1,945	-1,833	-1,873	-1,838	-1,956	-1,976	-1,882	-2,011	-----	
Unilateral transfers, net (excl. military grants); transfers to foreigners (-).....mil. \$.....	-2,833	-2,998	-2,865	-640	-691	-823	-836	-648	-635	-690	-766	-774	-601	-765	-----	

† Revised. ‡ Preliminary.

1 Estimates for July-Sept. 1969 based on anticipated capital expenditures of business.

2 Estimates for Oct.-Dec. 1969 based on anticipated capital expenditures of business. Anticipated expenditures for the year 1969 are as follows (in bil. \$): All industries, 70.85; manufacturing, total, 29.68; durable goods industries, 15.43; nondurable goods industries, 14.25; mining, 1.56; railroad, 1.47; transportation, 4.52; public utilities, 12.74; communication, 7.55; commercial and other, 13.33. 3 Includes communication.

† See corresponding note on p. S-1. ‡ Includes inventory valuation adjustment.

§ 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.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1966	1967	1968	1966	1967				1968				1969			
	Annual total			IV	I	II	III	IV	I	II	III	IV	I	II	III	IV

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. \$.	-4,311	-5,654	-5,158	-1,192	-1,068	-1,014	-1,775	-1,797	-806	-1,537	-1,868	-947	-1,345	p-1,971	-----
Transactions in U.S. Govt. assets, excl. official reserve assets; increase (-).....mil. \$.	-1,535	-2,419	-2,250	-379	-654	-542	-546	-677	-738	-639	-527	-346	-463	p-624	-----
Transactions in U.S. official reserve assets, net; increase (-).....mil. \$.	568	52	-880	-6	1,027	-419	-375	-181	904	-137	-571	-1,076	-48	p-299	-----
Transactions in foreign assets in the U.S., net (U.S. liabilities); increase (+).....mil. \$.	3,323	6,853	9,277	1,104	335	1,970	2,198	2,350	1,215	2,645	2,515	2,902	3,334	p 4,213	-----
Liquid assets.....do.	789	3,492	712	313	-532	749	1,406	1,869	-340	128	710	214	1,701	p 4,010	-----
Other assets.....do.	2,534	3,361	8,565	791	867	1,221	792	481	1,555	2,517	1,805	2,688	1,633	p 203	-----
Errors and omissions, net.....do.	-490	-1,007	-641	-110	-308	-624	-69	-6	-410	-480	309	-60	-1,239	p-838	-----
Balance on liquidity basis—increase in U.S. official reserve assets and decrease in liquid liabilities to all foreigners; decrease (-).....mil. \$.	-1,357	-3,544	168	-307	-495	-330	-1,031	-1,688	-564	9	-139	862	r-1,668	r-3,850	p-2,533
Balance on official reserve transactions basis—increase in U.S. official reserve assets and decrease in liquid and certain nonliquid liabilities to foreign official agencies; decrease (-).....mil. \$.	266	-3,418	1,638	239	-1,711	-719	-71	-917	-379	1,553	97	367	1,143	r 1,234	p-933

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969							
	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.†

GENERAL BUSINESS INDICATORS—Monthly Series

PERSONAL INCOME, BY SOURCE †																
Seasonally adjusted, at annual rates: †																
Total personal income.....bil. \$.	629.4	687.9	701.1	706.2	711.5	716.0	718.7	723.9	730.7	735.3	740.0	746.1	751.4	757.5	r 760.7	763.1
Wage and salary disbursements, total.....do.	423.5	465.0	474.5	478.2	482.2	485.8	489.3	492.6	497.9	500.8	503.8	508.5	512.8	517.9	r 519.9	521.5
Commodity-producing industries, total.....do.	166.5	181.5	184.6	186.2	187.5	189.6	190.1	190.6	193.8	195.2	196.2	198.3	198.9	201.0	r 201.5	201.6
Manufacturing.....do.	134.2	145.9	148.6	149.6	150.5	151.8	152.4	152.5	154.9	155.8	156.3	157.8	158.5	160.5	r 160.7	160.5
Distributive industries.....do.	100.3	109.2	111.8	112.5	113.5	113.3	114.6	115.6	116.4	117.2	118.3	119.5	120.1	121.4	r 121.8	121.6
Service industries.....do.	70.5	78.3	79.6	80.8	82.0	83.0	84.5	85.6	86.3	86.4	87.0	87.8	88.0	88.8	r 89.4	90.7
Government.....do.	86.2	96.0	98.4	98.7	99.1	99.9	100.1	100.8	101.4	101.9	102.3	102.9	105.9	106.8	r 107.2	107.7
Other labor income.....do.	22.1	24.2	24.7	24.8	25.0	25.1	25.3	25.5	25.6	25.8	25.9	26.1	26.3	26.4	r 26.6	26.8
Proprietors' income:																
Business and professional.....do.	47.2	49.2	49.5	49.5	49.7	49.8	49.5	49.8	49.7	49.8	50.1	50.4	50.5	50.5	r 50.5	50.6
Farm.....do.	14.7	14.6	14.7	14.5	14.3	14.4	14.5	14.9	15.3	15.8	16.4	16.9	16.8	16.8	r 16.8	16.7
Rental income of persons.....do.	20.8	21.2	21.3	21.3	21.4	21.4	21.4	21.5	21.5	21.5	21.6	21.6	21.7	21.7	r 21.7	21.8
Dividends.....do.	21.5	23.1	23.7	23.9	24.0	23.6	23.6	23.8	24.1	24.2	24.3	24.5	24.6	24.8	r 25.1	25.3
Personal interest income.....do.	48.3	54.1	55.4	56.0	56.7	57.3	57.4	57.6	57.9	58.3	58.8	59.2	59.5	59.8	r 60.2	60.6
Transfer payments.....do.	52.0	59.2	60.3	61.2	61.5	62.1	63.0	63.5	64.3	64.7	64.9	65.2	65.7	66.1	r 66.4	66.7
Less personal contributions for social insurance.....bil. \$.	20.6	22.6	23.0	23.2	23.2	23.4	25.3	25.3	25.6	25.7	25.8	26.1	26.4	26.6	r 26.7	26.8
Total nonagricultural income.....do.	609.7	667.9	680.9	686.1	691.5	695.9	698.5	703.1	709.5	713.5	717.7	723.4	728.8	734.9	r 738.1	740.6
FARM INCOME AND MARKETINGS †																
Cash receipts from farming, including Government payments, total †.....mil. \$.																
45,772	47,848	5,507	5,714	4,920	4,280	r 3,829	r 3,097	r 3,285	r 3,211	r 3,287	r 3,395	r 4,215	r 5,222	5,772	-----	
Farm marketings and CCC loans, total.....do.	42,693	44,386	4,348	5,318	4,883	4,247	r 3,771	r 2,970	r 3,062	r 3,060	r 3,251	r 3,385	r 3,800	r 3,890	r 4,482	5,617
Crops.....do.	18,401	18,847	2,025	2,767	2,712	2,154	r 1,565	r 951	r 883	r 822	r 818	r 1,070	r 1,417	r 1,543	r 1,904	2,782
Livestock and products, total †.....do.	24,292	25,539	2,323	2,551	2,171	2,093	2,206	2,019	2,179	2,238	2,433	2,315	2,383	2,347	r 2,578	2,835
Dairy products.....do.	5,743	5,962	478	495	479	501	514	462	518	524	552	533	518	r 502	r 500	513
Meat animals.....do.	14,534	15,406	1,453	1,652	1,316	1,212	1,309	1,219	1,295	1,356	1,523	1,440	1,453	r 1,446	r 1,667	1,881
Poultry and eggs.....do.	3,645	3,827	375	385	360	352	343	297	332	318	318	315	392	r 381	r 393	421
Indexes of cash receipts from marketings and CCC loans, unadjusted: †																
All commodities.....1957-59=100.....do.	132	137	161	197	181	157	r 140	r 110	r 113	r 113	r 120	r 125	r 141	r 144	r 166	208
Crops.....do.	133	136	175	240	235	187	r 136	r 82	r 76	r 71	r 93	r 123	r 134	r 165	r 241	
Livestock and products.....do.	131	138	151	165	141	136	143	131	141	145	158	150	154	r 152	r 167	
Indexes of volume of farm marketings, unadjusted: †																
All commodities.....1957-59=100.....do.	123	126	147	186	170	150	r 129	r 95	r 94	r 92	r 95	r 104	r 123	r 125	r 142	185
Crops.....do.	124	130	168	234	229	191	r 139	r 75	r 61	r 53	r 52	r 84	r 126	r 130	r 155	235
Livestock and products.....do.	123	124	132	150	126	119	122	r 110	118	121	127	119	122	r 121	r 133	148
INDUSTRIAL PRODUCTION †																
Federal Reserve Index of Quantity Output																
Unadj., total index (incl. utilities) †.....1957-59=100	158.1	165.3	169.5	170.7	169.1	166.3	166.5	170.5	173.1	171.9	172.4	176.7	r 167.7	r 174.2	r 178.5	178.0
By industry groupings:																
Manufacturing, total.....do.	159.7	166.8	170.7	173.4	171.4	167.5	167.0	172.1	175.1	173.7	174.4	178.5	r 167.3	r 174.3	r 179.5	179.9
Durable manufactures.....do.	163.7	169.8	170.6	173.5	174.2	172.6	171.4	175.3	178.6	177.7	178.3	182.2	r 169.7	r 173.6	r 181.1	181.8
Nondurable manufactures.....do.	154.6	163.0	170.8	173.3	168.0	161.2	161.4	168.0	170.8	168.6	169.5	173.9	r 164.3	r 175.3	r 177.6	177.5
Mining.....do.	123.8	126.4	128.6	122.8	126.8	126.3	124.1	124.2	125.4	130.2	132.9	134.6	r 127.9	r 132.3	r 132.0	132.6
Utilities.....do.	184.9	202.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
By market groupings:																
Final products, total.....do.	158.3	164.9	171.9	172.6	169.2	165.6	166.6	169.3	171.9	168.6	168.4	174.0	165.4	r 172.4	r 178.3	177.3
Consumer goods.....do.	148.5	156.6	165.9	167.5	161.7	155.8	158.9	161.8	163.9	159.0	158.2	165.5	r 156.5	r 164.9	r 171.4	169.4
Automotive and home goods.....do.	159.0	175.0	178.5	192.7	191.2	181.5	183.9	186.0	189.1	183.0	182.1	191.1	155.7	r 159.9	r 185.5	190
Apparel and staples.....do.	145.1	150.8	161.9	159.5	152.3	147.6	150.9	154.1	156.0	151.4	150.5	157.3	r 156.8	r 166.5	-----	-----
Equipment, including defense.....do.	179.4	182.6	184.6	183.6	185.4	186.6	183.1	185.4	189.0	189.1	190.4	192.4	r 187.7	r 188.5	r 193.2	194.3
Materials.....do.	157.8	165.7	167.5	169.0	169.5	166.9	166.4	171.5	174.3	174.8	176.1	179.2	r 168.8	r 175.9	r 178.7	179.3
Durable goods materials.....do.	151.9	157.8	157.4	158.9	159.6	158.2	157.0	162.8	165.9	166.4	167.4	171.6	160.5	r 166.3	r 170.1	170
Nondurable materials.....do.	163.9	173.7	177.9	179.3	179.6	176.0	176.2	180.6	182.8	183.4	185.0	187.0	r 177.3	r 185.7	r 187.7	189

† Revised. † Preliminary. § See note marked "§" on p. S-2. † See corresponding note on p. S-1. † Series revised beginning 1960 (Alaska and Hawaii are included in dollar figures beginning 1960 and in the indexes from 1966 only); available monthly data prior to May 1968 may be obtained from the U.S. Dept. of Agriculture, Economic Research Service.

† Revisions for 1966 appear on p. 20 of the Nov. 1967 SURVEY; those for Jan.-Aug. 1967 will be shown later. † Includes data for items not shown separately.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.*	
GENERAL BUSINESS INDICATORS—Continued																
INDUSTRIAL PRODUCTION[♂]—Continued																
<i>Federal Reserve Index of Quantity Output—Con.</i>																
Seas. adj., total index (incl. utilities) [♂] 1957-59=100	158.1	165.3	165.1	166.0	167.5	168.7	169.1	170.1	171.4	171.7	172.5	173.7	174.6	174.3	173.9	
By industry groupings:																
Manufacturing, total.....do.....	159.7	166.8	166.4	167.8	169.1	170.2	170.2	171.8	173.1	173.0	173.8	174.8	175.6	175.4	175.1	
Durable manufactures [♀]do.....	163.7	169.8	168.7	169.3	171.3	172.4	173.0	174.5	175.9	175.7	176.7	178.3	178.7	178.5	178.5	
Primary metals.....do.....	132.5	137.1	130.6	123.1	129.3	135.4	139.5	143.6	146.2	147.9	149.3	153.1	152.4	151.5	149.6	
Iron and steel.....do.....	126.8	130.8	107.3	108.1	115.8	124.6	128.8	133.7	139.0	141.2	141.6	145.6	145.3	141.3	141.0	
Nonferrous metals and products.....do.....	153.2	159.9	166.2	174.0	173.8	180.7	179.6	183.4	186.9	186.2	184.3	180.8	181.8	178.1	177.7	
Fabricated metal products.....do.....	161.9	167.9	167.6	172.2	173.5	175.6	176.4	177.6	178.5	178.3	179.2	180.6	179.1	180.7	179.0	
Structural metal parts.....do.....	158.1	162.2	161.1	165.1	168.3	170.3	170.1	174.5	175.8	174.4	173.1	173.8	170.8	171.5	169.7	
Machinery.....do.....	183.4	184.3	186.4	186.1	187.4	188.6	191.8	192.7	194.7	194.6	196.9	197.2	198.1	199.1	200.8	
Nonelectrical machinery.....do.....	183.4	181.0	182.6	183.7	184.4	185.3	188.3	189.6	190.2	190.8	193.1	195.3	196.0	195.5	198.7	
Electrical machinery.....do.....	183.3	188.5	191.4	189.3	191.4	193.0	196.4	196.9	200.7	199.5	201.8	199.6	200.8	203.8	208.5	
Transportation equipment [♀]do.....	165.7	179.5	180.5	180.4	180.2	176.4	171.2	173.1	174.1	172.4	171.8	176.6	181.1	179.1	179.0	
Motor vehicles and parts.....do.....	146.5	171.4	173.5	177.0	177.7	172.3	167.3	167.7	167.6	160.8	156.8	169.1	174.2	174.1	170.5	
Aircraft and other equipment.....do.....	182.1	185.0	184.7	181.0	179.6	177.0	170.9	174.1	176.0	178.7	180.8	179.5	183.4	180.3	182.9	
Instruments and related products.....do.....	184.8	184.2	184.3	185.8	188.5	189.7	191.6	190.4	192.8	195.4	195.3	195.7	194.7	194.9	195.4	
Clay, glass, and stone products.....do.....	138.7	146.2	150.0	151.8	150.4	151.2	156.2	156.5	153.4	155.1	156.9	155.2	152.7	155.3	157.3	
Lumber and products.....do.....	116.9	122.1	119.4	119.4	126.1	132.3	122.5	126.7	130.8	122.6	120.7	115.5	113.4	108.9	112.2	
Furniture and fixtures.....do.....	167.7	178.3	179.7	180.4	181.7	182.9	186.8	186.5	187.0	188.9	190.2	189.9	185.0	186.5	185.1	
Miscellaneous manufactures.....do.....	157.3	161.4	162.0	162.1	162.5	165.3	166.2	164.7	165.7	167.6	167.5	168.1	167.4	165.8	165.0	
Nondurable manufactures.....do.....	154.6	163.0	163.6	165.9	166.3	167.4	166.7	168.3	169.5	169.6	170.3	170.5	171.8	171.6	170.7	
Textile mill products.....do.....	142.0	151.3	152.0	153.3	155.1	153.5	152.9	152.0	152.9	152.9	156.5	157.8	157.0	154.0	153.2	
Apparel products.....do.....	147.6	149.9	149.9	152.1	152.5	149.2	148.1	147.9	150.2	147.8	150.0	149.2	150.7	148.7	148.7	
Leather and products.....do.....	106.3	111.3	109.3	113.0	111.7	109.2	105.0	101.3	105.6	103.4	107.6	104.7	98.4	100.0	100.0	
Paper and products.....do.....	153.6	163.8	166.1	166.7	170.1	169.9	171.1	173.9	175.0	175.8	174.9	175.3	176.4	177.5	174.8	
Printing and publishing.....do.....	146.8	149.5	150.0	151.2	152.3	152.3	152.4	152.1	153.0	152.7	155.9	156.5	158.3	158.2	156.6	
Newspapers.....do.....	134.2	136.1	140.9	138.4	140.8	139.5	141.2	141.7	141.4	137.5	142.8	141.3	145.6	144.3	143.5	
Chemicals and products.....do.....	203.8	221.6	222.4	227.8	228.7	231.8	231.3	234.4	235.2	239.1	239.5	239.7	243.1	239.1	238.5	
Industrial chemicals.....do.....	236.0	261.7	263.2	268.2	268.0	275.0	273.4	276.7	277.7	283.3	285.2	286.1	288.6	283.5	283.5	
Petroleum products.....do.....	133.4	139.6	141.9	142.2	141.4	141.2	131.0	140.2	142.7	142.2	143.5	145.4	143.5	144.5	147.5	
Rubber and plastics products.....do.....	193.5	220.0	223.4	225.8	227.5	234.6	230.8	232.8	236.2	234.2	237.0	237.3	238.3	240.0	240.0	
Foods and beverages.....do.....	132.6	135.8	135.4	137.3	136.1	138.8	139.4	140.9	141.5	140.5	138.6	138.3	139.9	143.1	143.1	
Food manufactures.....do.....	130.1	132.7	131.5	133.3	132.8	134.6	136.1	137.2	136.7	136.7	136.6	136.1	135.8	137.8	137.8	
Beverages.....do.....	146.0	152.6	156.0	158.6	153.7	161.6	157.4	160.9	167.2	160.6	149.4	149.8	161.7	171.3	171.3	
Tobacco products.....do.....	120.3	120.9	124.0	120.8	119.9	113.6	119.5	121.2	118.7	110.5	115.4	121.9	120.3	114.8	114.8	
Mining.....do.....	123.8	126.4	127.0	120.7	126.4	127.4	125.8	124.8	126.7	128.3	130.3	134.4	133.2	131.2	130.7	
Coal.....do.....	120.4	117.8	120.8	86.6	115.9	118.3	115.3	112.4	114.3	120.2	123.9	124.8	130.0	122.1	114.7	
Crude oil and natural gas.....do.....	123.1	126.5	126.8	125.5	126.3	125.4	123.9	121.8	123.5	126.9	129.6	134.8	132.1	130.2	131.8	
Crude oil.....do.....	126.3	130.5	131.2	129.1	128.6	126.4	124.0	124.0	127.0	130.2	133.1	139.2	135.5	132.4	134.5	
Metal mining.....do.....	120.3	126.3	127.7	125.1	135.1	137.6	140.2	142.7	149.1	146.6	134.5	137.4	138.1	142.3	133.4	
Stone and earth minerals.....do.....	135.4	137.8	136.5	132.2	135.5	147.0	143.5	149.2	150.5	141.4	141.2	142.6	142.2	142.8	144.0	
Utilities.....do.....	184.9	202.1	204.8	208.9	206.9	210.1	215.1	214.9	215.1	216.3	213.6	215.6	222.2	222.6	224.4	
Electric.....do.....	191.8	211.3	214.7	219.3	216.0	219.9	228.1	225.5	225.7	226.9	223.1	225.9	234.2	234.4	234.4	
Gas.....do.....	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	
By market groupings:																
Final products, total [♂]do.....	158.3	164.9	165.7	167.0	167.9	168.1	168.2	169.3	170.8	170.2	170.0	170.7	172.8	172.4	171.3	
Consumer goods.....do.....	148.5	156.6	157.3	159.6	159.2	160.1	161.0	161.7	162.8	161.8	160.7	161.5	164.4	164.0	161.8	
Automotive and home goods.....do.....	159.0	175.0	175.8	177.6	179.5	179.1	181.0	179.6	181.8	177.9	177.6	183.0	184.5	181.9	179.2	
Automotive products.....do.....	149.1	174.3	175.6	178.9	181.2	177.8	176.2	174.7	175.4	166.1	165.8	178.7	184.6	179.6	174.3	
Autos.....do.....	145.7	174.8	177.4	180.3	180.6	174.5	170.6	165.0	165.0	149.6	148.9	168.3	178.7	178.4	169.9	
Auto parts and allied products.....do.....	153.6	173.8	173.2	177.0	182.1	182.2	183.5	187.6	189.0	187.9	188.0	192.3	192.4	181.1	180.2	
Home goods [♀]do.....	166.0	175.4	175.9	176.7	178.3	180.0	184.3	183.0	186.3	186.1	185.9	186.1	184.4	183.5	182.6	
Appliances, TV, and radios.....do.....	159.6	168.5	170.4	171.8	171.9	173.2	177.7	179.1	182.9	182.0	182.0	180.2	181.8	179.3	180.7	
Furniture and rugs.....do.....	159.6	173.7	175.5	174.2	177.0	180.2	184.3	181.2	182.0	183.3	183.4	184.0	180.0	179.7	177.6	
Apparel and staples.....do.....	145.1	150.8	151.5	153.9	152.8	154.1	154.7	156.0	156.8	156.6	155.3	154.7	158.1	158.4	158.4	
Apparel, incl. knit goods and shoes.....do.....	136.2	139.5	139.6	142.3	142.0	138.7	140.8	141.4	142.9	140.6	141.5	137.4	140.9	138.0	138.0	
Consumer staples.....do.....	147.6	154.0	154.9	157.1	155.8	158.4	158.6	160.2	160.8	161.2	159.2	159.6	162.9	164.2	163.5	
Processed foods.....do.....	130.0	132.6	132.5	133.2	132.0	134.7	134.8	136.7	136.4	137.1	136.4	136.1	135.3	138.8	138.8	
Beverages and tobacco.....do.....	137.4	141.9	145.2	145.9	142.3	145.4	144.6	147.5	150.9	143.7	137.9	140.4	147.8	152.3	152.3	
Drugs, soap, and toiletries.....do.....	182.7	193.4	193.6	199.8	200.4	201.4	203.7	203.7	205.0	209.9	208.0	206.1	211.9	207.2	205.8	
Newspapers, magazines, books.....do.....	140.1	143.3	140.7	145.8	146.0	147.1	146.3	145.7	143.3	145.9	147.3	146.3	147.5	147.6	150.2	
Consumer fuel and lighting.....do.....	168.9	182.9	186.0	188.7	186.1	190.2	190.0	192.0	193.6	194.1	189.8	192.7	201.6	201.1	201.1	
Equipment, including defense [♀]do.....	179.4	182.6	183.6	183.0	186.5	185.3	183.5	185.5	187.8	188.4	190.0	190.4	190.8	190.3	192.3	
Business equipment.....do.....	182.8	184.7	185.2	186.8	191.2	190.0	191.4	191.9	192.9	194.1	195.7	197.0	196.9	197.0	200.0	
Industrial equipment.....do.....	170.2	168.1	167.8	170.2	174.0	174.9	175.9	175.7	176.7							

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
						Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
GENERAL BUSINESS INDICATORS—Continued															
BUSINESS SALES AND INVENTORIES §															
Mfg. and trade sales (unadj.), total ♂.....mil. \$	1,067,539	1,163,371	98,605	103,413	101,513	103,200	93,265	95,674	102,367	103,419	105,368	107,145	99,535	102,861	107,171
Mfg. and trade sales (seas. adj.), total ♂.....do	1,067,539	1,163,371	98,540	103,413	101,513	103,200	93,265	95,674	102,367	103,419	105,368	107,145	99,535	102,861	107,171
Manufacturing, total ♂.....do	548,542	603,718	51,441	52,560	52,548	51,494	52,801	53,302	53,078	53,298	53,741	54,786	55,392	55,239	56,406
Durable goods industries.....do	299,680	330,951	27,985	28,660	28,786	27,742	29,325	29,914	29,530	29,643	29,573	30,136	30,605	30,888	31,707
Nondurable goods industries.....do	248,862	272,767	23,456	23,600	23,762	23,752	23,476	23,388	23,548	23,655	24,168	24,650	24,787	24,371	24,699
Retail trade, total ♂.....do	313,809	339,710	28,316	28,697	28,806	28,347	28,989	29,289	28,916	29,442	29,386	29,371	29,090	29,346	29,249
Durable goods stores.....do	100,173	110,245	9,101	9,342	9,314	9,238	9,446	9,597	9,377	9,575	9,481	9,545	9,141	9,161	9,373
Nondurable goods stores.....do	213,636	229,465	19,215	19,355	19,492	19,109	19,543	19,692	19,539	19,867	19,905	19,826	19,949	20,185	19,876
Merchant wholesalers, total.....do	205,188	219,943	18,792	18,418	18,788	18,830	18,347	18,799	19,516	19,612	20,105	19,970	19,719	20,059	20,204
Durable goods establishments.....do	90,447	100,012	8,554	8,536	8,764	8,734	8,555	8,938	9,071	9,132	9,307	9,263	9,114	9,178	9,259
Nondurable goods establishments.....do	114,741	119,930	10,238	9,882	10,024	10,096	9,792	9,861	10,445	10,480	10,798	10,707	10,605	10,881	10,945
Mfg. and trade inventories, book value, end of year or month (unadj.), total ♂.....mil. \$	142,120	152,072	149,054	152,088	153,863	152,072	153,246	155,475	157,745	159,365	160,104	159,762	159,719	159,772	161,320
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total ♂.....mil. \$	143,694	153,764	150,652	152,017	152,830	153,764	154,086	155,339	156,401	157,477	158,602	159,264	160,631	161,659	162,608
Manufacturing, total ♂.....do	82,819	88,579	87,109	87,566	87,947	88,579	88,905	89,556	90,317	91,018	92,139	92,215	93,166	93,728	94,209
Durable goods industries.....do	53,540	57,422	56,458	56,567	56,953	57,422	57,879	58,282	58,978	59,426	60,222	60,479	61,441	61,724	62,006
Nondurable goods industries.....do	29,279	31,157	30,651	30,909	30,994	31,157	31,026	31,274	31,339	31,592	31,917	31,736	31,725	32,004	32,203
Retail trade, total ♂.....do	39,318	42,657	41,424	42,200	42,488	42,657	42,740	43,014	43,004	43,118	43,025	43,438	43,874	44,322	44,806
Durable goods stores.....do	17,403	19,461	18,622	19,165	19,361	19,461	19,622	19,487	19,542	19,567	19,044	19,365	19,358	19,556	20,079
Nondurable goods stores.....do	21,915	23,196	22,800	23,035	23,127	23,196	23,118	23,527	23,462	23,551	23,981	24,073	24,516	24,766	24,727
Merchant wholesalers, total.....do	21,557	22,528	22,110	22,311	22,395	22,528	22,441	22,769	23,080	23,341	23,438	23,611	23,591	23,609	23,678
Durable goods establishments.....do	12,543	13,454	13,064	13,218	13,332	13,454	13,373	13,532	13,681	13,860	13,897	14,004	14,089	14,220	14,197
Nondurable goods establishments.....do	9,014	9,074	9,055	9,013	9,063	9,074	9,068	9,235	9,399	9,481	9,541	9,607	9,502	9,389	9,481
Inventory-sales ratios:															
Manufacturing and trade, total ♂.....ratio	1.58	1.53	1.53	1.53	1.53	1.56	1.54	1.53	1.54	1.54	1.54	1.53	1.54	1.54	1.54
Manufacturing, total ♂.....do	1.77	1.70	1.69	1.67	1.67	1.72	1.68	1.68	1.70	1.71	1.71	1.68	1.68	1.70	1.67
Durable goods industries.....do	2.08	2.01	2.02	1.96	1.98	2.07	1.97	1.95	2.00	2.00	2.04	2.01	2.01	2.00	1.96
Materials and supplies.....do	.62	.59	.60	.58	.58	.60	.57	.56	.58	.57	.58	.57	.56	.55	.54
Work in process.....do	.94	.92	.92	.89	.91	.95	.91	.90	.92	.93	.94	.93	.94	.94	.92
Finished goods.....do	.52	.50	.50	.49	.49	.52	.60	.49	.50	.51	.52	.51	.51	.51	.50
Nondurable goods industries.....do	1.40	1.33	1.31	1.31	1.30	1.31	1.32	1.34	1.33	1.34	1.32	1.29	1.28	1.31	1.30
Materials and supplies.....do	.55	.50	.49	.49	.48	.49	.49	.49	.49	.49	.49	.47	.47	.48	.48
Work in process.....do	.21	.20	.20	.20	.20	.21	.21	.21	.21	.21	.21	.20	.20	.20	.20
Finished goods.....do	.64	.62	.62	.62	.62	.62	.63	.63	.63	.63	.63	.61	.61	.62	.62
Retail trade, total ♂.....do	1.47	1.47	1.46	1.47	1.47	1.50	1.47	1.47	1.49	1.46	1.46	1.48	1.51	1.51	1.53
Durable goods stores.....do	2.03	2.00	2.05	2.05	2.08	2.11	2.08	2.03	2.08	2.04	2.01	2.03	2.12	2.12	2.14
Nondurable goods stores.....do	1.21	1.18	1.19	1.19	1.19	1.21	1.18	1.19	1.20	1.19	1.20	1.21	1.23	1.22	1.24
Merchant wholesalers, total.....do	1.21	1.20	1.18	1.21	1.19	1.20	1.22	1.21	1.18	1.19	1.17	1.18	1.20	1.18	1.17
Durable goods establishments.....do	1.61	1.54	1.53	1.55	1.52	1.54	1.56	1.51	1.51	1.52	1.49	1.51	1.55	1.55	1.53
Nondurable goods establishments.....do	.90	.91	.88	.91	.90	.90	.93	.94	.90	.90	.88	.90	.90	.86	.87
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS															
Manufacturers' export sales:															
Durable goods industries:															
Unadjusted, total.....mil. \$	12,853	14,944	1,275	1,370	1,399	1,396	1,134	1,256	1,452	1,440	1,446	1,435	1,378	1,295	1,467
Seasonally adj., total*.....do			1,293	1,356	1,378	1,265	1,204	1,299	1,353	1,430	1,396	1,392	1,530	1,424	1,488
Shipments (not seas. adj.), total ♂.....do	548,542	603,718	52,590	54,016	52,495	50,197	49,452	53,933	55,254	54,693	54,406	57,484	50,501	53,401	57,969
Durable goods industries, total ♂.....do	299,680	330,951	28,404	29,541	28,831	27,651	27,331	30,287	31,054	30,654	30,391	32,317	27,225	28,745	32,154
Stone, clay, and glass products.....do	14,479	15,754	1,449	1,496	1,325	1,215	1,198	1,295	1,387	1,438	1,450	1,532	1,407	1,531	1,613
Primary metals.....do	45,867	50,457	3,912	4,125	4,051	3,910	4,320	4,741	4,884	4,893	4,883	4,991	4,360	4,584	4,903
Blast furnaces, steel mills.....do	22,846	24,907	1,579	1,754	1,698	1,707	1,997	2,153	2,305	2,305	2,275	2,312	2,101	2,148	2,244
Fabricated metal products.....do	31,443	34,180	2,365	3,079	2,852	2,685	2,667	3,009	2,994	3,109	3,081	3,318	2,876	3,135	3,330
Machinery, except electrical.....do	52,066	58,047	5,029	5,094	4,968	5,113	4,745	5,723	5,720	5,559	5,420	5,918	4,856	5,095	5,644
Electrical machinery.....do	41,443	42,353	3,754	3,681	3,692	3,593	3,392	3,728	3,686	3,686	3,674	4,076	3,336	3,739	4,072
Transportation equipment.....do	74,863	84,163	7,067	7,895	7,932	7,302	7,192	7,741	7,814	7,654	7,652	7,954	6,224	6,302	8,103
Motor vehicles and parts.....do	43,096	47,638	4,018	4,749	4,665	3,935	4,236	4,393	4,446	4,281	4,223	4,615	3,093	2,955	4,681
Instruments and related products.....do	9,500	11,370	1,062	1,025	1,043	1,041	967	1,056	1,101	1,068	1,085	1,217	1,023	1,166	1,280
Nondurable goods industries, total ♂.....do	248,862	272,767	24,546	24,475	23,664	22,546	22,121	23,646	24,200	24,039	24,015	25,167	23,276	24,656	25,815
Food and kindred products.....do	83,017	90,157	8,251	8,115	7,997	7,732	7,327	7,644	7,825	7,662	7,830	8,278	7,909	8,159	8,711
Tobacco products.....do	4,768	4,922	423	412	420	414	376	390	404	414	430	462	437	453	456
Textile mill products.....do	19,211	21,458	1,981	1,956	1,863	1,702	1,626	1,752	1,830	1,717	1,717	1,854	1,507	1,852	1,848
Paper and allied products.....do	21,120	24,208	2,186	2,174	2,077	2,030	2,070	2,210	2,250	2,250	2,230	2,343	2,157	2,264	2,310
Chemicals and allied products.....do	42,347	46,465	4,204	4,100	3,923	3,634	3,740	3,995	4,106	4,254	4,251	4,274	3,825	4,040	4,263
Petroleum and coal products.....do	21,211	22,267	1,897	1,905	1,910	1,912	1,855	1,949	1,930	1,971	2,054	2,155	2,048	2,088	2,146
Rubber and plastics products.....do	12,597	14,265	1,221	1,321	1,239	1,240	1,227	1,344	1,387	1,413	1,380	1,485	1,266	1,311	1,419
Shipments (seas. adj.), total ♂.....do			51,441	52,560	52,548	51,494	52,801	53,302	53,078	53,298	53,741	54,786	55,392	55,239	56,406
By industry group:															
Durable goods industries, total ♂.....do	27,985	28,960	28,786	27,742	29,325	29,914	29,530	29,643	29,573	30,136	30,605	30,888	30,888	31,707	31,707
Stone, clay, and glass products.....do	1,347	1,390	1,334	1,352	1,414	1,454	1,441	1,422	1,422	1,402	1,381	1,388	1,414	1,407	1,497
Primary metals.....do	3,963	4,220	4,180	4,152	4,508	4,585	4,578	4,578	4,578	4,643	4,643	4,728	4,777	4,730	4,976
Blast furnaces, steel mills.....do	1,626	1,835	1,807	1,804											

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	1967		1968		1969										
	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
GENERAL BUSINESS INDICATORS—Continued															
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS¹—Continued															
Shipments (seas. adj.)—Continued															
By market category:															
Home goods and apparel.....do	151,206	155,126	4,551	4,559	4,407	4,569	4,849	4,715	4,703	4,738	4,820	5,066	5,017	4,646	4,660
Consumer staples.....do	106,412	115,551	9,905	10,126	10,257	10,228	9,945	9,841	9,927	9,981	10,116	10,322	10,508	10,477	10,584
Equipment and defense prod., excl. auto.....do	184,149	196,115	8,234	8,453	8,609	8,182	8,764	8,828	8,738	8,886	8,889	8,864	8,960	9,177	9,209
Automotive equipment.....do	148,769	154,048	4,771	4,919	4,821	4,275	4,642	4,764	4,572	4,531	4,476	4,650	5,102	5,298	5,464
Construction materials and supplies.....do	142,916	148,587	4,248	4,304	4,221	4,218	4,444	4,637	4,517	4,531	4,494	4,452	4,404	4,399	4,626
Other materials and supplies.....do	215,090	234,291	19,732	20,169	20,233	20,022	20,157	20,517	20,621	20,946	21,432	21,401	21,242	21,863	
Supplementary market categories:															
Consumer durables.....do	123,461	124,031	1,990	2,032	1,927	2,033	2,153	2,165	2,126	2,159	2,128	2,250	2,280	2,141	2,144
Defense products (old series).....do	139,279	146,201	3,839	4,060	4,078	3,830	3,971	4,009	4,001	4,128	4,117	4,029	4,182	4,143	4,048
Defense products*.....do	123,917	123,917	1,884	2,070	2,042	2,080	1,875	1,851	1,875	2,035	1,971	1,989	2,077	2,141	2,049
Machinery and equipment.....do	163,709	168,757	5,921	5,926	6,140	5,959	6,102	6,263	6,212	6,160	6,219	6,316	6,198	6,457	6,745
Inventories, end of year or month:															
Book value (unadjusted), total ².....do	82,561	88,239	86,409	86,887	87,382	88,239	89,179	90,158	90,885	91,779	92,808	92,509	92,682	93,262	93,411
Durable goods industries, total.....do	53,217	57,034	56,141	56,265	56,497	57,034	57,789	58,568	59,293	59,973	60,805	60,863	61,113	61,541	61,612
Nondurable goods industries, total.....do	29,344	31,205	30,268	30,622	30,885	31,205	31,390	31,590	31,592	31,806	32,003	31,646	31,569	31,721	31,799
Book value (seasonally adjusted), total ².....do	82,819	88,579	87,109	87,566	87,947	88,579	88,905	89,556	90,317	91,018	92,139	92,215	93,166	93,728	94,209
By industry group:															
Durable goods industries, total ³.....do	53,540	57,422	56,458	56,657	56,953	57,422	57,879	58,282	58,978	59,426	60,222	60,479	61,441	61,724	62,006
Stone, clay, and glass products.....do	1,952	2,219	2,029	2,064	2,153	2,219	2,289	2,372	2,361	2,391	2,390	2,431	2,463	2,453	2,468
Primary metals.....do	7,644	7,552	7,602	7,426	7,504	7,552	7,528	7,554	7,627	7,682	7,764	7,798	7,800	7,907	7,939
Blast furnaces, steel mills.....do	4,319	4,039	4,065	3,985	4,010	4,039	4,019	4,042	4,074	4,121	4,200	4,194	4,185	4,234	4,263
Fabricated metal products.....do	5,465	6,287	6,121	6,229	6,229	6,287	6,289	6,129	6,220	6,267	6,305	6,358	6,407	6,371	6,434
Machinery, except electrical.....do	10,905	11,310	11,213	11,147	11,222	11,310	11,528	11,738	11,837	11,946	12,149	12,294	12,542	12,606	12,670
Electrical machinery.....do	8,157	8,560	8,524	8,528	8,560	8,560	8,551	8,592	8,735	8,762	8,957	8,913	9,044	9,086	9,185
Transportation equipment.....do	12,679	13,939	13,889	13,891	13,844	13,939	14,076	14,186	14,350	14,482	14,689	14,714	15,154	15,177	15,139
Motor vehicles and parts.....do	3,827	4,257	4,248	4,257	4,221	4,257	4,308	4,226	4,289	4,263	4,216	4,175	4,306	4,287	3,940
Instruments and related products.....do	2,013	2,183	2,067	2,105	2,122	2,183	2,240	2,275	2,319	2,345	2,339	2,387	2,407	2,412	2,399
By stage of fabrication:															
Materials and supplies ⁴.....do	15,592	16,637	16,704	16,763	16,676	16,637	16,706	16,613	16,980	16,935	17,055	17,045	17,159	17,011	17,035
Primary metals.....do	2,815	2,787	2,876	2,850	2,783	2,787	2,800	2,765	2,824	2,843	2,843	2,806	2,760	2,800	2,845
Machinery (elec. and nonelec.).....do	4,785	4,821	4,850	4,816	4,830	4,821	4,862	4,935	5,003	5,024	5,117	5,143	5,140	5,169	5,240
Transportation equipment.....do	2,968	3,402	3,436	3,403	3,366	3,402	3,348	3,301	3,388	3,348	3,332	3,291	3,444	3,206	3,086
Work in process ⁵.....do	24,675	26,357	25,772	25,825	26,085	26,357	26,631	26,961	27,264	27,463	27,872	28,072	28,714	28,977	29,256
Primary metals.....do	2,671	2,547	2,486	2,451	2,536	2,547	2,506	2,535	2,574	2,609	2,612	2,674	2,687	2,720	2,722
Machinery (elec. and nonelec.).....do	9,021	9,472	9,305	9,319	9,391	9,472	9,611	9,769	9,879	9,948	10,102	10,134	10,355	10,405	10,503
Transportation equipment.....do	8,527	9,162	9,128	9,146	9,139	9,162	9,289	9,436	9,561	9,657	9,854	9,927	10,232	10,441	10,582
Finished goods ⁶.....do	13,273	14,428	13,982	14,069	14,192	14,428	14,542	14,708	14,734	15,028	15,295	15,362	15,568	15,736	15,715
Primary metals.....do	2,158	2,218	2,140	2,125	2,185	2,218	2,222	2,254	2,230	2,259	2,309	2,318	2,353	2,387	2,372
Machinery (elec. and nonelec.).....do	5,256	5,577	5,560	5,536	5,529	5,577	5,606	5,626	5,690	5,736	5,887	5,930	6,091	6,118	6,112
Transportation equipment.....do	1,184	1,375	1,325	1,342	1,339	1,375	1,439	1,449	1,401	1,477	1,503	1,496	1,478	1,530	1,471
Nondurable goods industries, total ³.....do	29,279	31,157	30,651	30,909	30,994	31,157	31,026	31,274	31,339	31,592	31,917	31,736	31,725	32,004	32,203
Food and kindred products.....do	7,094	7,370	7,423	7,491	7,417	7,370	7,264	7,248	7,215	7,293	7,416	7,418	7,296	7,367	7,347
Tobacco products.....do	2,269	2,261	2,219	2,211	2,231	2,261	2,210	2,203	2,226	2,209	2,209	2,211	2,230	2,251	2,240
Textile mill products.....do	3,232	3,539	3,477	3,470	3,425	3,539	3,507	3,534	3,548	3,581	3,565	3,539	3,509	3,586	3,620
Paper and allied products.....do	2,190	2,384	2,331	2,359	2,351	2,384	2,403	2,419	2,420	2,439	2,458	2,448	2,486	2,469	2,623
Chemicals and allied products.....do	5,600	5,937	5,793	5,871	5,882	5,937	5,977	6,088	6,177	6,255	6,336	6,332	6,395	6,418	6,454
Petroleum and coal products.....do	1,971	2,118	2,083	2,114	2,136	2,118	2,068	2,076	2,069	2,077	2,077	2,079	2,078	2,075	2,119
Rubber and plastics products.....do	1,601	1,801	1,733	1,731	1,833	1,801	1,811	1,831	1,799	1,811	1,837	1,808	1,851	1,885	1,893
By stage of fabrication:															
Materials and supplies.....do	11,247	11,598	11,511	11,609	11,512	11,598	11,497	11,554	11,519	11,672	11,783	11,704	11,684	11,790	11,831
Work in process.....do	4,496	4,855	4,679	4,724	4,752	4,855	4,991	5,014	4,943	4,970	5,016	4,946	4,945	4,988	5,046
Finished goods.....do	13,536	14,704	14,461	14,576	14,730	14,704	14,538	14,706	14,877	14,950	15,118	15,086	15,096	15,226	15,326
By market category:															
Home goods and apparel.....do	8,589	9,469	9,206	9,327	9,460	9,469	9,360	9,490	9,667	9,738	9,850	9,696	9,732	9,832	9,920
Consumer staples.....do	11,297	11,786	11,709	11,789	11,758	11,786	11,696	11,807	11,830	11,903	12,039	12,077	12,001	12,145	12,156
Equip. and defense prod., excl. auto.....do	20,955	22,191	21,988	21,943	22,018	22,191	22,475	22,753	22,970	23,066	23,582	23,792	24,349	24,600	24,935
Automotive equipment.....do	4,640	5,199	5,172	5,195	5,134	5,199	5,281	5,235	5,332	5,330	5,323	5,287	5,449	5,308	5,077
Construction materials and supplies.....do	6,445	7,410	6,969	7,129	7,236	7,410	7,538	7,540	7,640	7,723	7,714	7,761	7,832	7,783	7,842
Other materials and supplies.....do	30,893	32,524	32,065	32,183	32,341	32,524	32,555	32,731	32,878	33,258	33,631	33,602	33,803	34,000	34,279
Supplementary market categories:															
Consumer durables.....do	4,333	4,645	4,643	4,671	4,727	4,645	4,579	4,717	4,821	4,867	4,925	4,872	4,961	5,055	5,115
Defense products (old series).....do	10,307	11,513	11,404	11,410	11,458	11,513	11,571	11,675	11,741	11,824	12,194	12,164	12,454	12,621	12,914
Defense products*.....do	7,126	7,287	7,233	7,251	7,126	7,126	7,227	7,324	7,327	7,327	7,508	7,485	7,713	7,690	7,807
Machinery and equipment.....do	13,689	14,038	13,873	13,881	14,038	14,038	14,308	14,494	14,702	14,852	15,070	15,300	15,621	15,662	15,756
New orders, net (not seas. adj.), total ⁷.....do	551,138	607,161	53,605	55,022	52,136	51,134	50,638	54,850	55,696	56,010	54,204	56,743	51,551	53,001	58,510
Durable goods industries, total.....do	302,265	334,422	29,052	30,536	28,471	28,650	28,531	31,125	31,449	31,896	30,175	31,544	28,385	28,420	32,729
Nondurable goods industries, total.....do	248,873	272,739	24,553	24,486	23,665	22,484	22,107	23,725	24,247	24,114	24,029	25,199	23,196	24,581	25,781
New orders, net (seas. adj.), total ⁷.....do	551,138	607,161	51,877	53,931	53,100	53,101	53,119	53,901	53,283	54,635	54,133	53,861	55,793	54,799	56,887
By industry group:															

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
GENERAL BUSINESS INDICATORS—Continued																
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued																
Unfilled orders, end of year or month (unadjusted), total ¹.....mil. \$	82,499	85,938	84,358	85,357	85,003	85,938	87,126	88,041	88,480	89,796	89,595	88,847	89,892	* 89,493	90,030	-----
Durable goods industries, total.....do	79,480	82,946	81,318	82,307	81,951	82,946	84,150	84,988	85,380	86,621	86,407	85,631	86,759	* 86,435	87,005	-----
Nondur. goods ind. with unfilled orders ².....do	3,019	2,992	3,040	3,050	3,052	2,992	2,976	3,053	3,100	3,175	3,188	3,216	3,133	* 3,058	3,025	-----
Unfilled orders, end of year or month (seasonally adjusted), total ¹.....mil. \$	83,686	87,152	83,617	84,991	85,539	87,152	87,469	88,064	88,267	89,603	89,986	89,058	89,456	* 89,014	89,496	-----
By industry group:																
Durable goods industries, total ³.....do	80,578	84,071	80,572	81,894	82,429	84,071	84,431	84,994	85,159	86,461	86,878	85,910	86,369	* 85,984	86,470	-----
Primary metals.....do	7,019	6,327	5,662	5,840	6,133	6,327	6,494	6,575	6,611	6,848	6,975	7,073	7,456	* 7,718	8,072	-----
Blast furnaces, steel mills.....do	3,644	3,100	2,585	2,740	3,053	3,100	3,134	3,109	3,104	3,316	3,442	3,538	3,810	* 4,004	4,276	-----
Fabricated metal products.....do	8,976	10,114	9,115	9,381	9,711	10,114	9,908	9,716	9,756	9,854	10,002	10,066	10,175	* 10,231	10,453	-----
Machinery, except electrical.....do	14,551	14,790	14,430	14,637	14,589	14,790	14,919	15,193	15,410	15,783	16,113	16,314	16,487	* 16,494	16,866	-----
Electrical machinery.....do	13,235	13,210	12,923	13,148	13,065	13,210	13,170	13,251	13,272	13,461	13,408	13,127	13,276	* 13,120	12,922	-----
Transportation equipment.....do	31,031	33,670	32,709	32,918	32,936	33,670	33,873	34,251	34,086	34,436	34,388	33,484	33,121	* 32,658	32,333	-----
Aircraft, missiles, and parts.....do	25,682	26,858	26,604	26,670	26,509	26,858	26,953	27,345	27,173	26,987	26,828	26,035	25,771	* 25,475	24,965	-----
Nondur. goods ind. with unfilled orders ².....do	3,108	3,081	3,045	3,097	3,110	3,081	3,038	3,070	3,108	3,142	3,108	3,148	3,087	* 3,030	3,026	-----
By market category:																
Home goods, apparel, consumer staples.....do	2,125	2,220	2,165	2,182	2,199	2,220	2,186	2,238	2,328	2,328	2,208	2,176	2,223	* 2,117	2,098	-----
Equip. and defense prod., incl. auto.....do	44,304	47,300	45,843	46,662	46,468	47,300	47,649	48,317	48,310	48,863	48,913	48,066	48,173	* 47,727	48,044	-----
Construction materials and supplies.....do	9,313	10,279	9,504	9,700	9,990	10,279	10,169	10,038	10,013	10,124	10,190	10,237	10,312	* 10,373	10,661	-----
Other materials and supplies.....do	27,944	27,353	26,105	26,447	26,882	27,353	27,465	27,471	27,616	28,288	28,675	28,639	28,748	* 28,797	28,693	-----
Supplementary market categories:																
Consumer durables.....do	1,698	1,790	1,692	1,693	1,738	1,790	1,765	1,834	1,911	1,909	1,805	1,781	1,846	* 1,742	1,726	-----
Defense products (old series).....do	31,888	33,108	32,577	32,925	32,740	33,108	33,163	33,546	33,350	33,237	32,931	31,771	31,634	* 31,264	30,568	-----
Defense products*.....do		21,818	21,358	21,672	21,584	21,818	21,786	22,249	22,526	22,567	22,383	21,662	21,964	* 21,288	20,682	-----
Machinery and equipment.....do	21,243	22,141	21,287	21,912	21,862	22,141	22,242	22,489	22,691	23,627	23,836	24,044	24,193	* 23,982	24,562	-----
BUSINESS INCORPORATIONS⁴																
New incorporations (50 States and Dist. Col.):																
Unadjusted.....number	206,569	233,635	19,015	21,636	17,770	20,310	24,327	20,811	23,089	24,700	23,694	24,128	24,014	21,140	-----	-----
Seasonally adjusted.....do			20,986	21,394	21,155	20,292	20,578	22,199	21,353	23,467	23,230	23,711	23,770	23,155	-----	-----
INDUSTRIAL AND COMMERCIAL FAILURES⁵																
Failures, total.....number	12,364	9,636	705	768	696	563	689	731	868	823	812	792	689	702	726	-----
Construction service.....do	1,329	1,106	68	92	87	73	65	79	111	109	105	109	113	86	90	-----
Construction.....do	2,261	1,670	112	151	115	93	101	127	144	148	157	148	131	126	124	-----
Manufacturing and mining.....do	1,832	1,513	126	111	97	90	121	112	126	142	122	126	113	108	110	-----
Retail trade.....do	5,696	4,366	320	347	341	256	325	353	407	363	360	324	283	303	338	-----
Wholesale trade.....do	1,246	981	79	67	56	51	77	60	80	61	68	85	49	79	64	-----
Liabilities (current), total.....thous. \$	1,265,227	940,996	58,651	65,384	58,651	83,414	75,027	89,983	84,121	118,761	92,605	91,921	112,727	62,830	73,698	-----
Commercial service.....do	144,965	87,289	5,857	6,631	7,949	5,862	5,674	12,323	9,176	9,068	7,917	20,430	8,047	4,347	9,416	-----
Construction.....do	323,680	212,459	15,703	18,001	8,157	11,394	10,068	15,411	15,206	18,679	20,543	10,735	19,457	10,293	10,173	-----
Manufacturing and mining.....do	325,869	291,700	15,951	13,512	20,482	48,285	27,256	30,951	21,698	57,845	33,043	24,026	63,474	19,252	18,412	-----
Retail trade.....do	334,279	220,223	13,721	17,594	16,908	12,252	23,406	20,494	23,827	17,471	20,455	22,774	17,189	17,851	24,016	-----
Wholesale trade.....do	136,434	129,325	7,419	9,646	5,155	5,621	8,623	10,814	14,214	15,698	10,647	13,956	4,560	11,087	11,681	-----
Failure annual rate (seasonally adjusted) No. per 10,000 concerns.....	2 49.0	2 38.6	40.3	37.5	35.7	29.9	32.0	35.6	38.0	36.4	36.9	39.8	34.9	36.0	39.9	-----

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS																
Prices received, all farm products ¹.....1910-14=100.....	253	261	268	262	264	262	263	267	271	271	282	284	282	279	275	277
Crops ².....do	226	229	231	228	231	223	220	226	228	227	237	231	224	220	214	217
Commercial vegetables.....do	283	313	283	284	353	344	323	336	324	326	406	310	308	297	285	313
Cotton.....do	191	192	222	224	204	182	163	166	173	174	170	180	184	173	164	183
Feed grains and hay.....do	174	159	151	148	156	159	162	165	164	167	173	173	170	167	166	165
Food grains.....do	177	160	150	155	159	155	155	156	156	156	157	151	142	145	152	157
Fruit.....do	242	303	352	332	285	250	272	285	259	259	269	298	259	287	245	228
Tobacco.....do	555	507	577	562	577	584	579	583	583	585	585	585	592	607	615	611
Livestock and products ³.....do	277	288	300	291	292	296	299	302	308	309	321	329	332	330	328	327
Dairy products.....do	306	318	328	337	340	336	333	329	323	318	314	310	317	325	337	349
Meat animals.....do	336	346	352	338	337	343	349	362	375	385	419	437	426	422	407	401
Poultry and eggs.....do	132	142	166	149	154	162	166	156	160	150	134	139	160	153	164	161
Prices paid:																
All commodities and services.....do	302	310	312	312	314	315	315	318	321	322	325	326	325	324	325	326
Family living items.....do	322	335	338	339	341	341	342	344	347	349	351	351	352	352	354	355
Production items.....do	287	292	292	292	294	296	296	299	302	303	306	308	305	304	304	305
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100.....	342	354	356	358	360	360	363	365	369	372	374	375	374	373	374	376
Parity ratio \$.....do	74	74	75	73	73	73	72	73	73	73	75	76	75	75	74	74
CONSUMER PRICES (U.S. Department of Labor Indexes)																
Unadjusted indexes:																
All items.....1957-59=100.....	116.3	121.2	122.2	122.9	123.4	123.7	124.1	124.6	125.6	126.4	126.8	127.6	128.2	128.7	129.3	-----
Special group indexes:																
All items less shelter.....do	115.9	120.6	121.5	122.2	122.5	122.7	123.1	123.5	124.4	125.0	125.4	126.3	126.7	127.1	127.6	-----
All items less food.....do	116.8	121.9	123.0	123.8	124.4	124.7	124.9	125.6	126.8	127.5	127.9	128.4	128.8	129.3	130.0	-----
All items less medical care.....do	115.0	119.7	120.8	121.5	121.9	122.2	122.5	123.0	124.0	124.7	125.2	126.0	126.5	127.0	127.6	-----
Commodities.....do	111.2	115.3	116.1	116.8	117.1	117.2	117.4	117.8	118.7	119.3	119.6	120.5	121.0	121.4	121.7	-----
Nondurables.....do	114.0	118.4	119.6	120.2	120.3	120.7	121.0	121.1	121.8	122.5	123.0	124.1				

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

COMMODITY PRICES—Continued

CONSUMER PRICES—Continued																
(U.S. Department of Labor Indexes—Continued)																
Unadjusted indexes—Continued																
Food \varnothing1957-59=100.....	115.2	119.3	120.4	120.9	120.5	121.2	122.0	121.9	122.4	123.2	123.7	125.5	126.7	127.4	127.5	
Meats, poultry, and fish.....do.....	111.2	113.7	115.5	115.4	114.6	114.4	115.6	116.2	116.5	118.4	119.9	125.3	127.6	127.9	129.0	
Dairy products.....do.....	116.7	120.6	121.6	122.3	122.6	122.6	122.7	122.8	123.0	122.9	123.6	124.0	124.4	125.0	125.5	
Fruits and vegetables.....do.....	117.5	126.8	122.9	123.4	123.8	126.4	127.0	124.7	127.6	127.9	130.0	130.8	132.3	130.2	126.8	
Housing.....do.....	114.3	119.1	120.4	120.9	121.7	122.3	122.7	123.3	124.4	125.3	125.8	126.3	127.0	127.8	128.6	
Shelter \varnothingdo.....	117.9	123.6	125.3	126.0	126.9	127.6	128.2	128.9	130.5	131.6	132.4	133.0	134.0	135.1	136.1	
Rent.....do.....	112.4	115.1	115.7	116.0	116.3	116.7	116.9	117.2	117.5	117.8	118.1	118.5	118.8	119.3	119.7	
Homeownership.....do.....	120.2	127.0	129.1	130.0	131.1	132.0	132.7	133.6	135.7	137.1	138.0	138.7	140.0	141.3	142.6	
Fuel and utilities \varnothingdo.....	109.0	110.4	110.5	110.4	111.3	111.5	111.7	111.8	112.2	112.6	112.6	112.7	112.6	113.0	113.3	
Fuel oil and coal.....do.....	111.6	115.1	115.8	115.9	115.9	116.2	116.7	116.9	117.2	117.4	117.5	117.5	117.4	117.7	118.1	
Gas and electricity.....do.....	108.5	109.5	109.3	109.1	109.9	110.0	110.2	110.2	110.6	111.2	111.2	111.3	110.9	111.5	112.0	
Household furnishings and operation.....do.....	108.2	113.0	113.9	114.2	114.8	115.1	115.2	115.8	116.4	116.9	117.4	117.9	118.2	118.5	119.0	
Apparel and upkeep.....do.....	114.0	120.1	122.2	123.3	124.0	124.3	123.4	123.9	124.9	125.6	126.6	127.0	126.8	126.6	128.7	
Transportation.....do.....	115.9	118.6	119.5	120.6	121.2	120.2	120.7	122.0	124.3	124.6	124.0	124.6	124.3	124.2	123.6	
Private.....do.....	113.9	117.3	117.2	118.4	118.9	117.5	117.9	119.3	121.6	121.9	121.2	121.8	121.4	121.3	120.5	
New cars.....do.....	98.1	100.8	98.4	102.8	103.8	102.7	102.3	102.3	102.4	101.9	101.8	101.8	101.6	101.0	99.5	
Used cars.....do.....	121.5	126.7	126.7	127.5	128.0	118.7	115.5	122.6	130.5	131.2	126.8	128.2	127.0	125.4	121.4	
Public.....do.....	132.1	138.3	138.7	138.7	139.4	144.3	144.8	145.5	147.5	148.0	148.0	149.1	149.5	149.7	150.3	
Health and recreation \varnothingdo.....	123.8	130.0	131.1	131.9	132.4	132.8	133.3	133.7	134.3	135.1	135.7	136.3	137.0	137.7	138.4	
Medical care.....do.....	136.7	145.0	146.4	147.4	148.2	149.1	150.2	151.3	152.5	153.6	154.5	155.2	155.9	156.8	157.6	
Personal care.....do.....	115.5	120.3	121.5	122.1	122.8	123.4	123.7	124.1	124.8	125.5	125.8	126.2	126.6	126.8	127.3	
Reading and recreation.....do.....	120.1	125.7	126.7	127.5	128.0	128.2	128.4	128.4	128.7	129.6	130.2	130.4	130.7	131.2	131.6	
Seasonally adjusted indexes:																
Food.....do.....			120.0	120.8	121.0	121.6	122.2	122.0	122.8	123.6	124.2	125.5	125.8	126.4	127.1	
Apparel and upkeep.....do.....			122.0	122.6	123.1	123.7	124.1	124.5	125.3	125.7	126.3	126.9	127.6	127.4	128.4	
Transportation.....do.....			119.9	120.4	120.7	120.6	120.6	122.4	124.7	124.6	124.1	124.7	124.1	124.2	124.6	
WHOLESALE PRICES \varnothing																
(U.S. Department of Labor Indexes)																
Spot market prices, basic commodities:																
22 Commodities.....1957-59=100.....	198.1	195.7	94.5	95.2	98.1	98.8	100.8	103.0	104.1	105.6	107.6	109.1	109.1	110.9	111.6	111.3
9 Foodstuffs.....do.....	194.7	192.8	92.2	92.0	95.1	96.1	97.1	98.5	100.2	100.5	103.7	105.6	104.5	105.2	103.6	105.4
13 Raw industrials.....do.....	100.4	197.8	96.1	97.5	100.3	100.7	103.4	106.3	106.9	109.3	110.4	111.6	112.4	115.0	117.4	115.6
All commodities.....do.....	106.1	108.7	109.1	109.1	109.6	109.8	110.7	111.1	111.7	111.9	112.8	113.2	113.3	113.4	113.6	114.0
By stage of processing:																
Crude materials for further processing.....do.....	99.6	101.1	100.9	100.2	101.5	101.3	102.8	103.8	105.2	105.7	109.7	111.2	110.2	109.5	108.7	108.7
Intermediate materials, supplies, etc.....do.....	105.6	108.0	108.3	108.5	108.6	109.2	110.1	110.7	111.4	111.4	111.4	111.4	111.4	111.9	112.4	112.8
Finished goods \varnothingdo.....	108.2	111.3	112.0	112.0	112.5	112.6	113.2	113.3	113.7	113.8	114.7	115.4	115.9	115.7	116.0	116.5
Consumer finished goods.....do.....	107.0	109.9	110.7	110.6	111.0	111.1	111.8	111.7	112.2	112.3	113.5	114.2	114.8	114.4	114.7	115.1
Producer finished goods.....do.....	111.6	115.3	115.7	116.4	116.9	117.1	117.6	117.8	118.0	118.1	118.5	118.7	119.3	119.3	119.9	120.8
By durability of product:																
Durable goods.....do.....	108.1	111.8	112.0	112.8	113.1	113.6	114.6	115.4	116.1	116.0	116.1	115.9	116.1	116.5	117.1	117.9
Nondurable goods.....do.....	104.7	106.5	107.0	106.5	107.0	107.1	107.8	108.0	108.6	108.8	110.3	111.2	111.3	111.1	111.1	111.2
Total manufactures.....do.....	106.7	109.4	109.9	110.0	110.3	110.5	111.3	111.7	112.2	112.4	112.8	113.2	113.5	113.6	113.9	114.6
Durable manufactures.....do.....	108.3	112.0	112.3	113.1	113.4	113.9	114.8	115.6	116.3	116.2	116.2	116.0	116.1	116.4	117.0	117.9
Nondurable manufactures.....do.....	105.3	106.9	107.4	107.0	107.2	107.2	107.7	108.0	108.3	108.9	109.6	110.6	111.0	111.0	111.0	111.4
Farm prod., processed foods and feeds.....do.....	105.2	107.6	108.6	107.4	108.3	108.4	109.8	110.0	110.7	110.9	114.1	115.5	115.5	114.6	114.3	114.3
Farm products \varnothingdo.....	99.7	102.2	102.8	101.2	103.1	103.3	104.9	105.0	106.5	105.6	110.5	111.2	110.5	108.9	108.4	107.9
Fruits and vegetables, fresh and dried.....do.....	101.6	108.2	97.6	99.8	109.4	109.3	112.0	108.7	112.1	106.8	126.7	112.9	103.1	106.7	108.4	101.3
Grains.....do.....	92.2	81.9	76.5	78.7	82.0	80.4	82.5	82.0	81.6	83.1	86.7	85.6	83.7	81.9	83.4	84.8
Live poultry.....do.....	81.9	84.9	84.8	79.3	87.6	82.9	90.5	94.3	95.5	87.0	90.7	89.8	90.2	92.3	89.0	85.3
Livestock.....do.....	101.1	104.8	106.0	104.1	103.9	104.2	106.1	109.2	112.5	113.8	123.0	130.4	126.8	123.6	119.2	118.7
Foods and feeds, processed \varnothingdo.....	111.7	114.1	115.3	114.4	114.7	114.7	116.0	116.3	116.4	117.3	119.4	121.4	122.0	121.5	121.3	121.6
Beverages and beverage materials.....do.....	106.5	109.6	110.0	110.5	110.6	110.6	110.8	111.1	111.3	111.4	111.8	112.4	112.6	112.6	113.1	115.0
Cereal and bakery products.....do.....	117.1	118.2	119.0	119.4	119.3	119.3	119.3	119.3	119.3	119.3	119.4	119.7	119.9	120.1	120.4	121.2
Dairy products.....do.....	121.9	127.7	129.1	130.1	130.0	130.4	130.1	130.2	130.4	131.4	132.5	133.0	133.0	133.0	133.4	130.7
Fruits and vegetables, processed.....do.....	107.2	114.1	113.6	114.0	114.1	113.3	113.6	114.5	115.1	115.4	115.7	115.6	116.6	116.8	116.6	115.0
Meats, poultry, and fish.....do.....	105.0	108.3	111.2	106.9	107.7	107.3	111.1	111.4	112.2	114.0	121.0	126.5	127.5	124.5	122.9	130.2
Industrial commodities.....do.....	106.3	109.0	109.2	109.7	109.9	110.2	110.9	111.4	112.0	112.1	112.2	112.2	112.4	112.8	113.2	113.8
Chemicals and allied products \varnothingdo.....	98.4	98.2	97.9	97.8	97.8	97.7	97.6	97.8	98.0	97.9	98.1	98.3	98.2	98.7	98.9	98.6
Agric. chemicals and chem. prod.....do.....	103.6	99.7	98.7	98.1	96.7	96.4	92.9	92.2	92.3	92.1	92.1	92.1	88.6	88.4	87.4	86.3
Chemicals, industrial.....do.....	97.4	98.4	97.9	98.0	97.9	97.9	98.1	98.1	97.9	96.7	96.9	97.0	97.7	98.2	98.2	97.6
Drugs and pharmaceuticals.....do.....	94.0	93.3	93.0	93.3	93.5	93.6	93.4	93.4	93.6	93.7	93.8	93.8	93.8	93.8	94.0	94.0
Fats and oils, inedible.....do.....	81.3	73.9	68.5	69.9	73.4	69.8	72.2	73.6	80.4	83.7	83.3	86.8	90.5	99.3	102.1	98.9
Prepared paint.....do.....	109.3	114.6	115.2	115.2	115.9	115.9	118.2	118.2	118.7	118.7	118.7	119.2	119.2	119.2	119.2	120.3
Fuels and related prod., and power \varnothingdo.....	103.6	102.4	102.5	101.9	102.0	102.2	102.4	102.7	104.2	104.5	104.5	105.0	105.0	104.7	104.7	105.4
Coal.....do.....	103.3	106.7	105.8	108.3	111.0	112.7	112.7	112.7	112.7	112.8	113.5	114.2	115.4	115.5	115.9	120.6
Electric power.....Jan. 1958=100.....do.....	100.7	101.5	101.8	101.9	102.0	102.1	102.0	102.2	102.3	102.3	102.5	102.6	102.5	102.4	103.5	103.7
Gas fuels.....do.....	133.7	123.8	120.8	120.4	120.4	120.9	124.4	124.0	124.6	121.8	121.6	121.8	121.6	121.8	123.0	128.7
Petroleum products, refined.....1957-59=100.....do.....	102.2	100.3	100.9	99.3	99.2	99.0	98.9	99.5	101.7	102.5	102.4	103.3	103.2	102.5	101.8	101.6
Furniture and household durables \varnothingdo.....	101.1	104.0	104.4	104.5	104.7	105.0	105.3	105.4	105.7	105.8	105.9	106.1	106.2	106.4	106.4	106.5
Appliances, household.....do.....	90.2	92.2	92.6	92.7	92.7	92.9	92.6	92.5	92.8	93.0	93.0	92.9	93.0	93.0	93.0	93.1
Furniture, household.....do.....	112.9	117.2	117.8	118.5	118.9	119.2	120.7	121.0	121.3	121.5	121.9	122.3	122.8	123.0	123.0	123.3
Home electronic equipment.....do.....	82.6	81.0	80.7	80.2	80.2											

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS

	1967	1968	1968				1969								
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

COMMODITY PRICES—Continued

WHOLESALE PRICES ¹ —Continued (U.S. Department of Labor Indexes—Continued)																
All commodities—Continued																
Industrial commodities—Continued																
Metals and metal products ² 1957-59=100	109.6	112.4	112.2	112.5	112.4	112.8	114.4	115.2	115.8	116.5	117.5	117.9	118.7	120.4	121.7	122.4
Heating equipment.....do	92.7	94.9	95.5	95.6	95.8	96.0	96.1	96.3	96.6	96.8	97.0	97.2	97.7	97.7	98.0	98.7
Iron and steel.....do	103.6	105.5	106.7	106.7	106.0	106.1	107.5	108.0	108.8	108.9	109.9	110.3	111.1	112.7	113.2	113.7
Nonferrous metals.....do	120.9	125.3	121.5	121.9	122.4	123.5	127.2	128.9	129.9	132.4	134.2	135.5	136.1	139.5	143.5	144.8
Nonmetallic mineral products ².....do	104.3	108.1	108.7	108.9	109.2	109.3	110.6	111.2	111.9	112.3	112.6	112.8	113.0	113.0	113.5	113.8
Clay prod., structural, excl. refractories.....do	110.4	113.1	113.7	114.2	115.2	115.4	115.8	115.9	116.0	116.7	116.8	116.9	116.9	117.0	117.5	117.8
Concrete products.....do	105.4	108.1	108.6	109.1	109.2	109.5	110.7	110.8	111.2	111.3	111.6	111.6	111.6	112.3	112.4	113.2
Gypsum products.....do	102.8	105.5	106.6	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	108.7	108.7	104.9	103.2	106.1
Pulp, paper, and allied products.....do	103.8	105.2	105.1	105.2	105.2	105.2	106.2	106.2	106.8	107.4	108.0	108.1	108.3	108.4	108.7	108.8
Paper.....do	110.0	112.7	113.1	113.1	113.4	113.4	115.0	115.7	116.1	116.4	116.7	117.0	117.1	117.2	116.5	116.5
Rubber and products.....do	96.9	100.3	100.7	101.0	101.1	101.1	100.0	100.5	100.9	101.2	101.1	101.2	102.5	102.7	103.7	103.5
Tires and tubes.....do	96.0	99.2	99.5	99.5	99.5	99.5	96.3	96.3	96.3	96.3	96.3	96.3	98.4	99.2	99.2	100.6
Textile products and apparel ².....do	102.0	105.7	106.5	107.0	107.2	107.1	107.4	107.2	107.1	107.1	106.9	107.2	107.7	108.7	109.0	109.1
Apparel.....do	106.8	110.3	111.0	111.7	111.8	111.9	112.7	112.7	112.8	113.0	112.9	113.3	113.9	115.8	116.2	116.5
Cotton products.....do	100.7	105.1	105.4	105.3	105.4	105.1	104.8	104.8	104.6	104.5	104.6	104.5	105.3	105.7	105.9	105.8
Manmade fiber textile products.....do	86.5	90.8	92.5	92.7	93.0	92.9	92.8	92.3	92.1	92.4	92.6	92.7	92.6	92.7	92.1	91.6
Silk yarns.....do	172.0	183.0	177.5	175.5	172.0	165.2	160.8	156.4	155.0	155.4	157.9	164.6	168.2	177.1	181.2	183.9
Wool products.....do	103.3	103.7	104.1	104.7	104.6	104.6	104.7	104.4	104.2	104.3	104.3	105.0	105.0	104.8	105.0	104.5
Transportation equipment ² Dec. 1968=100						100.0	100.1	100.1	100.0	100.1	100.2	100.3	100.4	99.9	100.0	102.3
Motor vehicles and equip. 1957-59=100	102.2	104.9	104.1	106.5	106.6	106.6	106.5	106.4	106.3	106.4	106.5	106.6	106.6	106.0	106.1	108.7
Miscellaneous products ².....do	109.3	111.8	111.9	112.0	112.5	112.5	112.5	112.5	112.5	112.7	112.8	115.1	115.5	115.9	116.4	116.7
Toys, sporting goods, etc.....do	105.8	108.3	109.0	109.1	109.2	109.3	110.2	110.1	110.5	110.8	110.7	110.9	111.2	111.8	112.1	112.3
Tobacco products.....do	112.9	115.2	114.9	115.0	116.5	116.5	116.6	116.7	116.7	116.9	117.0	123.2	123.4	123.5	123.8	123.8
PURCHASING POWER OF THE DOLLAR																
As measured by—																
Wholesale prices..... 1957-59=\$1.00	\$0.943	\$0.920	\$0.917	\$0.917	\$0.912	\$0.911	\$0.903	\$0.900	\$0.895	\$0.894	\$0.887	\$0.883	\$0.883	\$0.882	\$0.880	\$0.877
Consumer prices.....do	.860	.825	.818	.814	.810	.808	.806	.803	.796	.791	.789	.784	.780	.777	.774	.....

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION PUT IN PLACE ¹																
New construction (unadjusted), total.....mil. \$	76,160	84,692	8,082	7,891	7,792	6,822	6,211	5,888	6,487	7,175	7,762	7,960	8,180	8,270	8,236	.....
Private, total ².....do	50,587	56,996	5,364	5,406	5,225	4,855	4,335	4,032	4,401	4,812	5,201	5,557	5,776	5,819	5,807	.....
Residential (nonfarm).....do	23,736	28,823	2,780	2,678	2,593	2,454	2,143	1,944	2,173	2,405	2,617	2,829	2,906	2,862	2,764	.....
New housing units.....do	17,885	22,423	2,139	2,130	2,102	1,996	1,723	1,562	1,729	1,916	2,076	2,243	2,267	2,186	2,124	.....
Nonresidential buildings, except farm and public utilities, total ².....mil. \$	18,106	18,800	1,716	1,808	1,752	1,583	1,519	1,453	1,519	1,625	1,742	1,826	1,945	2,008	2,117	.....
Industrial.....do	6,131	5,594	508	538	543	529	463	437	466	471	503	535	562	557	579	.....
Commercial.....do	6,982	8,333	793	844	798	692	678	647	685	720	783	850	907	933	995	.....
Farm construction.....do	1,324															.....
Public utilities:																.....
Telephone and telegraph.....do	1,638	1,704	147	172	161	164	128	132	162	166	173	183				.....
Public, total ².....do	25,573	27,694	2,718	2,485	2,567	1,967	1,876	1,856	2,086	2,363	2,561	2,403	2,404	2,451	2,429	.....
Buildings (excluding military) ².....do	9,974	10,445	949	902	904	814	799	861	954	1,008	1,062					.....
Housing and redevelopment.....do	706	746	63	64	65	86	81	98	118	111	85					.....
Industrial.....do	406	517	41	37	53	43	44	37	40	46	54	61	30	44		.....
Military facilities.....do	721	824	81	96	83	92	68	62	72	89	84	88	67	83		.....
Highways and streets.....do	8,538	9,295	946	837	922	511	510	442	539	696	821					.....
New construction (seasonally adjusted at annual rates), total.....bil. \$			85.3	87.8	87.8	88.1	92.1	92.1	91.1	90.7	90.7	90.9	91.6	91.9	92.3	.....
Private, total ².....do			57.4	59.3	59.0	58.9	63.0	62.6	62.4	61.3	61.5	61.6	62.5	62.2	62.5	.....
Residential (nonfarm).....do			29.4	29.8	30.2	30.9	31.2	31.5	32.1	31.3	30.8	30.2	29.6	29.1	29.2	.....
Nonresidential buildings, except farm and public utilities, total ².....bil. \$			18.6	19.7	19.2	18.4	21.9	21.5	20.6	20.2	20.6	21.2	22.4	22.6	22.9	.....
Industrial.....do			5.5	6.1	6.3	5.9	6.8	6.3	6.0	5.9	5.9	6.1	6.4	6.4	6.3	.....
Commercial.....do			8.5	8.9	8.3	8.0	10.0	9.9	9.8	9.1	9.3	10.0	10.4	10.3	10.7	.....
Public utilities:																.....
Telephone and telegraph.....do			1.8	2.0	1.8	1.8	2.0	1.8	1.9	2.0	2.1	2.0				.....
Public, total ².....do			27.8	28.5	28.8	29.2	29.1	29.5	28.7	29.4	29.2	29.3	29.1	29.7	29.9	.....
Buildings (excluding military) ².....do			10.3	10.5	10.9	11.0	11.2	11.4	12.0	12.4	12.6					.....
Housing and redevelopment.....do			.6	.6	.7	1.0	1.2	1.5	1.3	1.4	1.4					.....
Industrial.....do			.5	.4	.7	.6	.5	.5	.5	.5	.6	.6	.4	.6		.....
Military facilities.....do			.8	1.0	.9	1.1	1.0	1.0	1.0	1.2	1.0	1.0	.8	.9		.....
Highways and streets.....do			9.2	9.2	9.4	9.6	9.7	10.1	8.8	9.1	9.0					.....
CONSTRUCTION CONTRACTS																
Construction contracts in 48 States (F. W. Dodge Division, McGraw-Hill):																
Valuation, total ¹.....mil. \$	154,514	161,732	5,170	6,171	4,863	4,543	4,766	4,802	5,003	5,895	7,081	6,443	6,298	6,523	5,140	.....
Index (mo. data seas. adj.)..... 1957-59=100	153	173	183	200	183	179	191	205	177	183	210	186	180	216	173	.....
Public ownership.....mil. \$	119,039	119,597	1,549	1,728	1,558	1,278	1,546	1,572	1,632	1,791	2,536	2,326	2,352	2,605	1,719	.....
Private ownership.....do	35,475	42,135	3,621	4,443	3,305	3,265	3,220	3,230	3,371	4,104	4,545	4,118	3,947	3,918	3,420	.....
By type of building:																.....
Nonresidential.....do	120,139	122,513	1,815	2,370	1,992	1,849	2,145	1,885	1,772	2,136	2,680	2,357	2,402	2,460	2,013	.....
Residential ³.....do	121,155	124,838	2,125	2,408	2,043	1,743	1,746	1,820	1,957	2,546	2,620	2,548	2,296	2,394	1,952	.....
Non-building construction.....do	113,220	114,382	1,230	1,393	828	951	875	1,097	1,274	1,213	1,780	1,538	1,600	1,669	1,175	.....
New construction planning (Engineering News-Record) \$.....do	59,944	52,419	3,001	6,387	6,649	5,461	4,405	3,617	4,690	3,738	4,572	4,267	4,368	4,167	3,858	7,124

¹ Revised. ² Preliminary. ³ Annual total reflects revisions not distributed to months.
⁴ See note

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
CONSTRUCTION AND REAL ESTATE—Continued																
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total, incl. farm (private and public).....thous.	1,321.9	1,547.7	139.8	143.3	129.5	99.8	105.8	94.8	135.6	159.9	157.7	150.8	126.5	127.6	132.1	121.1
One-family structures.....do.	844.9	900.7	80.3	85.6	65.1	53.9	51.3	48.0	72.0	85.0	81.4	82.9	73.6	69.3	70.7	70.7
Privately owned.....do.	1,291.6	1,507.7	134.3	140.8	127.1	96.4	101.5	90.1	131.9	159.0	155.5	147.3	125.2	124.9	128.6	118.7
Total nonfarm (private and public).....do.	1,298.8	1,523.6	138.0	140.6	127.5	98.9	104.5	93.9	134.4	158.3	156.1	148.3	124.3	126.2	130.4	119.8
In metropolitan areas.....do.	919.7	1,117.6	103.0	100.8	96.8	75.1	80.9	73.3	102.0	117.8	114.5	109.0	90.7	91.4	92.2	92.2
Privately owned.....do.	1,268.4	1,483.6	132.4	138.1	125.1	95.5	100.2	89.2	130.6	157.4	154.0	144.8	122.9	123.5	126.9	117.4
Seasonally adjusted at annual rates:																
Total, including farm (private only).....do.			1,592	1,570	1,733	1,507	1,878	1,686	1,584	1,563	1,509	1,469	1,371	1,384	1,533	1,342
Total nonfarm (private only).....do.			1,570	1,541	1,705	1,492	1,845	1,664	1,567	1,548	1,495	1,446	1,349	1,370	1,513	1,329
New private housing units authorized by building permits (13,000 permit-issuing places):†																
Seasonally adjusted at annual rates:																
Total.....thous.	1,141	1,341	1,393	1,378	1,425	1,463	1,403	1,477	1,421	1,502	1,323	1,340	1,228	1,245	1,201	1,119
One-family structures.....do.	651	689	706	694	729	736	671	685	670	659	632	631	570	570	565	563
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite†.....1957-59=100																
American Appraisal Co., The:	125	131	133	135	135	136	137	137	138	139	139	141	142	143	143	-----
Average, 30 cities.....1913=100	909	970	992	994	997	1,007	1,015	1,026	1,032	1,034	1,040	1,046	1,059	1,061	1,065	-----
Atlanta.....do.	982	1,072	1,087	1,110	1,110	1,111	1,125	1,138	1,151	1,154	1,148	1,137	1,161	1,176	1,179	-----
New York.....do.	1,008	1,070	1,092	1,093	1,099	1,099	1,105	1,113	1,117	1,116	1,109	1,104	1,106	1,105	1,106	-----
San Francisco.....do.	910	966	980	980	1,001	1,013	1,035	1,047	1,057	1,047	1,048	1,032	1,062	1,062	1,063	-----
St. Louis.....do.	903	953	969	969	969	971	978	990	996	1,001	997	1,019	1,019	1,035	1,054	-----
Associated General Contractors of America, Inc., The (building only).....1957-59=100																
	132	139	142	142	143	143	145	146	146	147	148	151	153	153	153	153
E. H. Boeckh and Associates, Inc.: †																
Average, 20 cities:																
All types combined.....1957-59=100	129.8	-----	142.1	142.2	142.3	-----	146.2	147.5	146.9	147.3	149.7	150.8	151.9	151.8	-----	-----
Apartments, hotels, office buildings.....do.	130.7	130.9	143.1	143.3	143.4	144.1	146.3	148.0	149.2	148.4	149.0	151.5	153.0	154.5	154.4	-----
Commercial and factory buildings.....do.	130.2	139.1	142.2	142.4	142.4	143.1	144.5	145.7	146.9	146.2	146.5	148.9	150.3	151.0	151.0	-----
Residences.....do.	127.4	136.7	140.1	140.3	140.3	141.1	143.2	144.9	146.4	146.3	146.7	149.0	148.9	150.4	149.8	-----
Engineering News-Record:†																
Building.....do.	127.4	136.8	140.7	141.6	141.7	143.2	145.0	146.2	147.9	149.9	150.1	151.5	150.3	151.6	151.0	151.3
Construction.....do.	140.8	151.9	155.8	156.5	156.7	158.0	160.0	161.8	162.9	164.3	165.6	169.1	168.8	170.0	169.1	171.0
Bu. of Public Roads—Highway construction:																
Composite (avg. for year or qtr.).....1957-59=100	117.6	121.6	119.5	-----	-----	132.3	-----	-----	123.5	-----	-----	130.3	-----	-----	136.3	-----
CONSTRUCTION MATERIALS																
Output index:																
Composite, unadjusted †.....1947-49=100	153.2	165.8	169.9	182.8	154.0	143.1	146.8	149.6	170.5	178.8	181.0	177.0	169.2	-----	-----	-----
Seasonally adjusted.....do.	-----	-----	162.7	161.1	161.3	167.1	156.5	169.3	176.4	175.9	168.9	165.6	175.0	-----	-----	-----
Iron and steel products, unadjusted.....do.	163.0	171.1	159.1	159.6	145.2	139.5	143.0	148.8	178.5	180.9	186.4	180.9	170.9	168.5	-----	-----
Lumber and wood products, unadj.....do.	149.6	168.1	173.0	188.8	163.4	157.8	162.7	160.3	178.3	179.8	175.3	161.6	157.2	156.4	-----	-----
Portland cement, unadjusted.....do.	186.6	198.1	238.4	272.6	185.2	136.1	114.2	120.2	156.2	207.3	236.0	245.4	253.4	257.2	-----	-----
REAL ESTATE																
Mortgage applications for new home construction:																
Applications for FHA commitments																
thous. units.....do.	167.2	168.9	14.0	17.1	13.6	12.3	12.4	13.8	16.0	16.8	15.4	16.1	15.2	14.5	16.7	19.9
Seasonally adjusted annual rates†.....do.	-----	-----	16.9	199	212	187	178	168	160	165	167	174	174	169	192	230
Requests for VA appraisals.....do.	124.3	131.7	10.4	12.7	11.4	9.0	10.1	9.9	12.2	11.5	11.4	13.6	13.0	11.1	11.5	-----
Seasonally adjusted annual rates†.....do.	-----	-----	125	147	172	136	148	132	136	124	122	126	145	151	127	131
Home mortgages insured or guaranteed by—																
Fed. Hous. Adm.: Face amount.....mil. \$	5,884.64	6,495.94	588.18	707.37	598.76	525.34	608.39	494.04	491.60	541.22	519.70	595.38	657.56	630.40	714.28	-----
Vet. Adm.: Face amount\$.....do.	3,404.87	3,773.88	322.30	359.54	376.98	365.50	369.83	295.68	329.04	301.30	323.09	308.13	355.55	384.56	363.55	397.44
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$																
	4,386	5,259	5,026	5,035	5,040	5,259	5,357	5,298	5,331	5,764	5,971	6,413	7,053	7,544	7,940	7,705
New mortgage loans of all savings and loan associations, estimated total†.....mil. \$																
	20,122	21,983	1,840	1,949	1,724	1,886	1,592	1,580	1,870	2,073	2,146	2,415	1,974	1,918	1,725	-----
By purpose of loan:†																
Home construction.....do.	4,243	4,916	396	466	392	407	348	364	440	485	482	495	421	393	374	-----
Home purchase.....do.	9,604	11,215	984	995	868	869	783	767	896	1,023	1,113	1,345	1,091	1,089	942	-----
All other purposes.....do.	6,275	5,852	460	488	464	610	461	449	534	555	551	575	462	436	409	-----
Foreclosures†.....number	134,203	110,404	8,460	8,827	8,264	7,971	8,292	7,503	8,443	8,321	8,476	8,103	-----	-----	-----	-----
Fire losses (on bldgs., contents, etc.).....mil. \$	1,706.72	1,829.92	131.69	134.80	134.21	156.08	179.47	149.12	173.91	169.91	157.52	164.57	148.21	172.14	154.89	-----

DOMESTIC TRADE

ADVERTISING																
Marketing/Communications advertising index, seasonally adjusted:⊕																
Combined index.....1957-59=100																
Business papers.....do.	149	155	152	164	161	162	162	159	163	-----	-----	-----	-----	-----	-----	-----
Magazines.....do.	128	131	122	128	128	125	128	130	139	-----	-----	-----	-----	-----	-----	-----
Newspapers.....do.	157	162	169	175	170	172	163	163	164	-----	-----	-----	-----	-----	-----	-----
Outdoor.....do.	117	124	125	127	132	135	134	132	133	-----	-----	-----	-----	-----	-----	-----
Radio (network).....do.	96	106	111	125	92	113	110	79	117	-----	-----	-----	-----	-----	-----	-----
Television (network).....do.	118	130	133	146	123	139	117	116	99	-----	-----	-----	-----	-----	-----	-----
-----	206	213	195	233	225	224	231	226	227	-----	-----	-----	-----	-----	-----	-----

⊕ Revised. † Index as of Nov. 1, 1969: Building, 151.9; construction, 171.7.
 ‡ Revisions for Jan.-Aug. 1967 for new private housing units authorized; for 1965-May 1967 for Dept. of Commerce composite; for July-Dec. 1966 for ENR building and construction cost indexes; for 1960-66 (seas. adj.) for FHA applications and VA appraisals; and for Jan. 1961-Dec. 1967 for new mortgage loans will be shown later.
 ¶ Copyrighted data; see last paragraph of headnote, p. S-1.
 § Includes data for items not shown separately. § Data include guaranteed direct loans sold.
 † Revised series. Data are based on a new benchmark (1967) and reflect improved reporting, as well as the inclusion of farm foreclosures and data for Alaska and Hawaii. Jan. 1967-April 1968 data will be shown later.
 ⊕ Formerly Printer's Ink advertising index.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

DOMESTIC TRADE—Continued

ADVERTISING—Continued																
Television advertising:																
Network (major national networks):																
Net time costs, total..... mil. \$.	1,499.9	*1,550.0	301.0			*500.3										343.8
Automotive, incl. accessories..... do.	115.8	*125.9	18.1			*48.9										21.3
Drugs and toiletries..... do.	429.0	*437.0	88.6			*136.6										103.1
Foods, soft drinks, confectionery..... do.	306.8	293.3	57.4			88.0										66.4
Soaps, cleansers, etc..... do.	134.3	144.9	32.9			32.9										39.4
Smoking materials..... do.	183.1	156.8	28.4			49.1										35.0
All other..... do.	331.0	*392.1	75.6			*140.8										78.6
Magazine advertising (general and natl. farm magazines):																
Cost, total..... mil. \$.	1,161.6	1,196.1	106.8	127.2	134.7	100.6	67.2	88.6	108.6	122.2	125.7	98.8	71.4	73.4	113.4	
Apparel and accessories..... do.	60.7	63.5	10.6	7.1	6.6	4.0	2.0	3.7	7.0	7.9	5.3	2.4	1.0	6.1	9.4	
Automotive, incl. accessories..... do.	103.7	112.6	6.8	17.3	13.9	7.4	6.8	8.7	11.3	11.2	9.3	5.3	5.3	4.4	9.0	
Building materials..... do.	31.0	32.3	3.1	2.9	2.2	1.6	1.4	2.2	2.9	3.7	4.1	2.7	1.1	1.4	2.7	
Drugs and toiletries..... do.	148.4	144.4	11.6	13.5	15.1	12.0	8.7	11.8	12.1	13.8	15.4	14.4	10.9	11.3	14.6	
Foods, soft drinks, confectionery..... do.	116.1	106.3	7.1	9.5	11.6	9.1	5.8	8.9	9.3	9.7	8.8	8.6	7.7	5.8	8.2	
Beer, wine, liquors..... do.	89.2	95.6	7.1	10.4	13.0	15.6	3.2	4.6	7.3	8.5	9.5	9.2	6.7	4.7	7.4	
Household equip., supplies, furnishings..... do.	70.7	75.7	7.5	9.4	9.8	5.4	2.8	3.1	6.9	8.4	10.5	6.4	4.4	3.2	7.0	
Industrial materials..... do.	62.7	56.7	5.8	5.3	5.4	4.2	3.7	3.3	4.8	4.6	7.3	5.6	4.5	4.9	6.0	
Soaps, cleansers, etc..... do.	22.9	22.2	1.9	2.8	1.8	1.1	1.1	1.4	1.7	2.2	1.7	1.2	.8	.8	1.1	
Smoking materials..... do.	39.9	43.2	3.6	4.1	4.4	4.3	3.2	3.5	3.6	4.3	4.1	3.8	3.6	3.5	4.3	
All other..... do.	416.3	443.6	41.6	44.9	50.9	36.0	28.5	37.2	41.6	47.6	47.8	35.2	26.4	27.3	43.6	
Newspaper advertising linage (52 cities):																
Total..... mil. lines.	3,297.8	3,381.1	292.8	315.7	315.9	316.0	256.0	250.5	304.7	299.7	326.6	303.1	273.3	294.3	293.9	
Classified..... do.	878.1	923.7	83.3	84.1	79.0	67.9	77.1	75.6	89.7	87.7	95.7	89.8	83.7	92.2	86.1	
Display, total..... do.	2,419.6	2,457.3	209.5	231.5	236.8	248.1	178.9	174.8	215.0	212.0	230.9	213.2	189.6	202.0	207.8	
Automotive..... do.	158.5	171.0	15.9	16.0	13.1	9.3	11.6	13.5	15.0	16.1	17.9	15.7	14.7	14.0	16.7	
Financial..... do.	66.9	72.8	5.7	7.2	6.2	7.1	8.6	5.3	7.0	7.8	6.1	7.8	8.2	4.6	6.1	
General..... do.	297.1	296.1	27.1	31.7	32.5	24.2	20.9	23.6	27.3	26.6	29.7	25.5	19.3	18.2	25.1	
Retail..... do.	1,897.1	1,917.4	160.9	176.7	185.0	207.5	137.9	132.5	165.7	161.4	177.1	164.3	147.5	165.3	159.9	
WHOLESALE TRADE																
Merchant wholesalers sales (unadj.), total mil. \$.																
Durable goods establishments..... do.	205,188	219,943	18,640	19,979	18,906	18,917	17,576	16,897	19,158	19,912	20,150	20,036	20,008	*20,036	20,630	
Nondurable goods establishments..... do.	90,447	100,012	8,590	9,220	8,578	8,428	8,017	7,962	8,878	9,489	9,420	9,549	9,355	*9,294	9,529	
	114,741	119,930	10,050	10,759	10,329	10,489	9,560	8,935	10,280	10,423	10,730	10,485	10,653	*10,742	11,100	
Merchant wholesalers inventories, book value, end of year or month (unadj.), total [†] mil. \$.																
Durable goods establishments..... do.	21,514	22,487	22,102	22,518	22,666	22,487	22,523	22,720	23,116	23,348	23,348	23,500	23,349	*23,495	23,625	
Nondurable goods establishments..... do.	12,308	13,245	13,065	13,162	13,202	13,245	13,180	13,404	13,723	14,031	14,060	14,227	14,172	*14,262	14,154	
	9,206	9,242	9,037	9,357	9,464	9,242	9,343	9,315	9,398	9,318	9,288	9,273	9,177	*9,233	9,471	
RETAIL TRADE †																
All retail stores: †																
Estimated sales (unadj.), total †..... mil. \$.	313,809	339,710	27,015	29,418	30,112	34,036	26,237	24,844	27,955	28,814	30,812	29,625	29,026	*29,424	*28,572	130,366
Durable goods stores †																
Automotive group..... do.	100,173	110,245	8,703	10,039	9,554	9,675	8,335	8,245	9,222	9,742	10,259	10,207	9,496	*8,948	*9,351	19,878
Passenger car, other auto. dealers..... do.	58,273	65,261	4,814	5,992	5,623	5,049	5,137	5,058	5,707	5,924	6,200	6,152	5,616	*5,098	*5,482	15,942
Tire, battery, accessory dealers..... do.	53,966	60,660	4,457	5,595	5,196	4,604	4,306	4,743	5,339	5,500	5,750	5,695	5,171	*4,687	5,110	
Furniture and appliance group †..... do.	4,307	4,601	357	397	427	445	331	315	368	424	450	445	445	*411	372	
Furniture, homefurnishings stores..... do.	15,267	16,540	1,412	1,450	1,489	1,770	1,267	1,216	1,291	1,281	1,386	1,417	1,383	*1,360	*1,384	1,413
Household appliance, TV, radio..... do.	10,227	850	907	933	1,025	786	768	842	838	902	899	899	859	*864	847	
Lumber, building, hardware group..... do.	5,235	460	456	464	613	401	374	372	372	412	446	454	417	*417	433	
Lumber, bldg. materials dealers †..... do.	12,675	1,257	1,339	1,198	1,186	938	968	1,098	1,271	1,344	1,370	1,345	1,312	*1,312	1,290	
Hardware stores..... do.	9,781	10,984	997	1,063	907	817	727	766	866	980	1,033	1,073	1,048	*1,033	1,020	
Nondurable goods stores †..... do.	2,894	2,990	276	291	369	211	202	232	291	311	297	297	297	*279	270	
Apparel group..... do.																
Men's and boys' wear stores..... do.	213,636	229,465	18,312	19,379	20,558	24,411	17,902	16,599	18,733	19,072	20,553	19,418	19,530	*20,476	*19,221	20,488
Women's apparel, accessory stores..... do.	18,123	19,265	1,557	1,654	1,810	2,641	1,403	1,214	1,528	1,642	1,662	1,550	1,471	*1,679	*1,646	1,718
Shoe stores..... do.	4,516	332	373	437	489	370	289	330	368	391	375	390	380	*360	353	
General merchandise group without non-stores †..... mil. \$.	7,429	6,008	656	701	990	530	479	600	626	642	574	561	605	*618	618	
Shoe stores..... do.	3,196	284	265	277	343	215	190	265	282	286	289	282	337	*337	337	
Drug and proprietary stores..... do.																
Eating and drinking places..... do.	10,721	11,458	912	941	924	1,295	942	884	932	931	1,002	951	961	*992	*972	1,009
Food group..... do.	23,473	25,285	2,175	2,161	2,045	2,041	1,918	1,817	2,000	2,073	2,273	2,307	2,336	*2,430	*2,192	2,211
Grocery stores..... do.	69,113	73,267	5,890	6,108	6,425	6,375	6,248	5,758	6,195	6,017	6,704	6,147	6,418	*6,666	*6,098	6,543
Gasoline service stations..... do.	68,311	5,448	5,685	6,009	5,945	5,888	5,401	5,801	5,623	6,284	5,733	5,992	6,234	*5,679	*6,102	6,102
General merchandise group with non-stores †..... mil. \$.	22,739	24,526	2,017	2,064	2,055	2,079	1,992	1,836	2,053	2,070	2,185	2,184	2,223	*2,210	2,116	
General merchandise group without non-stores †..... mil. \$.																
Department stores..... do.	49,820	54,493	4,266	4,697	5,438	7,807	3,587	3,410	4,247	4,500	4,771	4,593	4,508	*4,938	*4,709	5,170
Mail order houses (dept. store mds)..... do.	29,589	33,323	2,602	2,843	3,402	5,092	2,203	2,041	2,632	2,778	2,966	2,862	2,775	*3,064	*2,915	3,180
Variety stores..... do.	3,256	256	316	417	434	202	223	282	282	268	258	244	245	*270	271	
Liquor stores..... do.	6,409	6,152	451	498	578	980	375	390	464	512	533	514	506	*546	496	
Estimated sales (seas. adj.), total †..... do.			28,316	28,697	28,806	28,347	28,989	29,289	28,916	29,442	29,386	29,371	29,090	*29,346	*29,249	29,371
Durable goods stores †																
Automotive group..... do.			9,101	9,342	9,314	9,238	9,446	9,597	9,377	9,575	9,481	9,545	9,141	*9,161	*9,373	9,193
Passenger car, other auto. dealers..... do.			5,313	5,556	5,521	5,445	5,574	5,607	5,518	5,572	5,516	5,634	5,419	*5,412	*5,666	5,666
Tire, battery, accessory dealers..... do.			4,900	5,171	5,124	5,082	5,157	5,172	5,099	5,145	5,102	5,220	5,011	*5,013	*5,279	5,279
Furniture and appliance group †..... do.			383	385	397	363	417	435	419	427	414	414	408	*399	387	
Furniture, homefurnishings stores..... do.			1,395	1,372	1,360	1,357	1,402	1,434	1,409	1,433	1,436	1,459	1,380	*1,352	1,348	
Household appliance, TV, radio..... do.			859	846	853	852	876	920	922	903	902	895	852	*841	839	
Lumber, building, hardware group..... do.			443	439	428	429	446	431	400	436	455	478	445	*424	410	
Lumber, bldg. materials dealers †..... do.			1,196	1,204	1,191	1,204	1,219	1,330	1,261	1,261	1,224	1,234				

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
DOMESTIC TRADE—Continued																
RETAIL TRADE†—Continued																
All retail stores†—Continued																
Estimated sales (seas. adj.)—Continued																
Nondurable goods stores—Continued																
Drug and proprietary stores.....mil. \$.			971	967	944	969	979	959	960	963	996	975	994	1,013	1,022	
Eating and drinking places.....do.			2,149	2,146	2,128	2,062	2,094	2,123	2,107	2,133	2,186	2,191	2,110	2,150	2,166	
Food group.....do.			6,155	6,149	6,235	6,139	6,315	6,346	6,244	6,312	6,278	6,275	6,429	6,298	6,298	
Grocery stores.....do.			5,735	5,731	5,817	5,744	5,909	5,955	5,883	5,839	5,906	5,868	5,863	6,006	5,873	
Gasoline service stations.....do.			2,049	2,050	2,064	2,052	2,097	2,091	2,132	2,106	2,119	2,086	2,080	2,075	2,083	
General merchandise group with non-stores §.....mil. \$.			4,520	4,640	4,729	4,577	4,601	4,694	4,637	4,920	4,844	4,857	5,019	5,000	4,904	
General merchandise group without non-stores §.....mil. \$.			4,061	4,154	4,259	4,168	4,176	4,273	4,211	4,468	4,397	4,398	4,556	4,524	4,405	
Department stores.....do.			2,743	2,810	2,925	2,877	2,861	2,924	2,895	3,080	3,011	2,991	3,143	3,117	3,027	
Mail order houses (dept. store mdse.).....do.			271	282	293	275	273	298	296	294	285	294	287	285	278	
Variety stores.....do.			492	520	522	505	535	534	517	558	546	552	560	554	530	
Liquor stores.....do.			593	602	601	565	634	603	601	619	615	627	642	640	618	
Estimated inventories, end of year or month:§																
Book value (unadjusted), total.....mil. \$.	38,045	41,346	40,543	42,683	43,815	41,346	41,544	42,597	43,744	44,237	43,948	43,753	43,688	43,015	44,284	
Durable goods stores §.....do.	16,832	18,846	17,244	18,246	18,866	18,846	19,581	19,884	20,326	20,548	20,132	20,149	19,802	18,516	18,995	
Automotive group.....do.	7,284	8,758	7,130	7,898	8,437	8,758	9,387	9,575	9,774	9,938	9,643	9,735	9,425	8,051	8,569	
Furniture and appliance group.....do.	2,825	3,029	3,059	3,140	3,158	3,029	3,014	3,010	3,105	3,127	3,075	3,036	3,075	3,105	3,124	
Lumber, building, hardware group.....do.	2,575	2,797	2,788	2,806	2,790	2,797	2,841	2,926	3,005	3,046	3,012	2,980	2,902	2,878	2,856	
Nondurable goods stores §.....do.	21,213	22,500	23,299	24,437	24,949	22,500	21,963	22,713	23,418	23,689	23,164	23,604	23,886	24,490	25,280	
Apparel group.....do.	4,178	4,536	4,953	5,116	5,145	4,536	4,402	4,695	4,899	4,925	4,902	4,826	4,873	5,204	5,344	
Food group.....do.	4,290	4,511	4,382	4,552	4,651	4,511	4,536	4,503	4,578	4,575	4,627	4,627	4,624	4,620	4,676	
General merchandise group with non-stores.....mil. \$.	8,304	9,237	9,733	10,505	10,810	8,237	8,925	9,403	9,783	10,013	10,141	9,982	10,194	10,431	10,946	
Department stores.....do.	4,717	5,286	5,375	5,884	6,116	5,286	5,105	5,384	5,615	5,752	5,782	5,686	5,824	5,979	6,284	
Book value (seas. adj.), total.....do.	39,818	42,657	41,424	42,220	42,488	42,657	42,740	43,014	43,004	43,118	43,025	43,438	43,874	44,322	44,806	
Durable goods stores §.....do.	17,403	19,461	18,622	19,165	19,361	19,461	19,622	19,487	19,542	19,567	19,044	19,365	19,358	19,756	20,079	
Automotive group.....do.	7,425	8,919	8,590	8,945	9,121	8,919	9,105	8,974	9,008	9,084	8,711	9,047	9,011	9,394	9,738	
Furniture and appliance group.....do.	2,927	3,139	3,008	3,046	3,019	3,139	3,136	3,113	3,146	3,102	3,042	3,015	3,078	3,108	3,072	
Lumber, building, hardware group.....do.	2,666	2,898	2,799	2,820	2,798	2,898	2,908	2,974	2,955	2,966	2,924	2,927	2,908	2,898	2,867	
Nondurable goods stores §.....do.	21,915	23,196	22,802	23,055	23,127	23,196	23,118	23,527	23,462	23,551	23,981	24,073	24,516	24,566	24,727	
Apparel group.....do.	4,384	4,760	4,668	4,720	4,694	4,760	4,811	4,880	4,900	4,910	4,972	5,038	5,092	5,097	5,037	
Food group.....do.	4,273	4,493	4,408	4,450	4,555	4,493	4,554	4,548	4,569	4,552	4,641	4,646	4,694	4,695	4,704	
General merchandise group with non-stores.....mil. \$.	8,900	9,806	9,360	9,525	9,624	9,806	9,653	9,924	9,859	9,975	10,275	10,274	10,488	10,483	10,525	
Department stores.....do.	5,018	5,576	5,153	5,254	5,337	5,576	5,598	5,746	5,683	5,735	5,876	5,904	6,029	6,027	6,025	
Firms with 11 or more stores:‡																
Estimated sales (unadj.), total §.....do.	94,580	7,454	8,068	9,015	11,179	7,282	6,776	7,918	8,126	8,755	8,198	8,249	8,786	8,290		
Apparel group §.....do.	5,186	426	454	492	721	351	307	441	479	468	462	412	503	501		
Men's and boys' wear stores.....do.	767	54	71	85	119	59	46	57	63	66	68	53	65	68		
Women's apparel, accessory stores.....do.	1,837	153	163	176	266	123	113	158	167	169	159	150	176	176		
Shoe stores.....do.	1,335	119	111	116	151	85	76	117	120	127	136	113	149	155		
Drug and proprietary stores.....do.	3,373	265	272	275	433	273	253	283	279	283	315	293	311	328	318	
Eating and drinking places.....do.	2,122	192	189	184	175	177	167	194	212	212	218	210	224	231		
Furniture and appliance group.....do.	1,303	120	112	117	135	86	87	89	114	128	129	123	115	114		
General merchandise group with non-stores §.....mil. \$.	38,395	2,979	3,303	3,920	5,692	2,522	2,397	3,028	3,243	3,401	3,282	3,251	3,532	3,362		
General merchandise group without non-stores §.....mil. \$.	35,708	2,750	3,055	3,661	5,400	2,338	2,213	2,823	3,017	3,163	3,052	3,028	3,315	3,128		
Dept. stores, excl. mail order sales.....do.	26,184	2,038	2,234	2,676	3,972	1,732	1,607	2,074	2,211	2,346	2,275	2,238	2,471	2,328		
Variety stores.....do.	4,821	347	391	468	792	294	307	373	416	428	410	401	432	396		
Grocery stores.....do.	34,681	2,694	2,890	3,181	3,088	3,110	2,861	3,080	2,909	3,303	2,903	3,072	3,244	2,923		
Tire, battery, accessory dealers.....do.	1,736	130	153	161	177	124	113	135	163	171	180	173	147	138		
Estimated sales (seas. adj.), total §.....do.	7,931	8,031	8,143	8,080	8,295	8,413	8,340	8,588	8,482	8,551	8,693	8,718	8,594			
Apparel group §.....do.	443	444	442	419	454	457	443	502	462	462	487	505	519	510		
Men's and boys' wear stores.....do.	63	67	69	63	68	67	65	70	67	68	67	78	78			
Women's apparel, accessory stores.....do.	160	158	158	153	168	167	159	177	163	171	181	181	180			
Shoe stores.....do.	114	117	115	103	104	108	106	114	122	138	140	150	150			
Drug and proprietary stores.....do.	289	287	275	281	301	291	291	298	320	299	327	337	344			
Eating and drinking places.....do.	189	188	190	177	188	187	194	214	205	206	202	215	228			
General merchandise group with non-stores §.....mil. \$.	3,130	3,261	3,332	3,364	3,302	3,393	3,330	3,556	3,452	3,407	3,603	3,553	3,476			
General merchandise group without non-stores §.....mil. \$.	2,892	3,027	3,088	3,126	3,092	3,177	3,109	3,325	3,220	3,168	3,379	3,338	3,245			
Dept. stores, excl. mail order sales.....do.	2,121	2,218	2,262	2,320	2,264	2,339	2,297	2,440	2,367	2,326	2,501	2,493	2,398			
Variety stores.....do.	380	404	416	405	430	430	412	449	439	439	450	439	424			
Grocery stores.....do.	2,928	2,943	2,992	2,975	3,061	3,127	3,095	3,021	3,039	3,088	3,094	3,146	3,087			
Tire, battery, accessory dealers.....do.	142	153	153	137	156	154	152	160	154	164	162	146	147			
All retail stores, accounts receivable, end of yr. or mo.:‡																
Total (unadjusted) †.....mil. \$.	20,630	18,641	19,022	19,285	20,630	19,746	19,353	19,230	19,427	19,734	19,806	19,566	19,704			
Durable goods stores.....do.	7,140	6,892	7,117	7,020	7,140	6,790	6,730	6,732	6,865	6,964	7,189	7,151	7,194			
Nondurable goods stores.....do.	13,490	11,749	11,905	12,265	13,490	12,956	12,623	12,498	12,562	12,770	12,617	12,415	12,540			
Charge accounts.....do.	8,677	8,071	8,368	8,296	8,677	8,173	7,950	8,058	8,257	8,459	8,423	8,223	8,258			
Installment accounts.....do.	11,953	10,570	10,654	10,989	11,953	11,573	11,403	11,172	11,170	11,275	11,383	11,943	11,446			
Total (seasonally adjusted) †.....do.	19,378	18,841	19,198	19,186	19,378	19,381	19,741	19,665	19,746	19,771	19,695	19,824	19,919			
Durable goods stores.....do.	6,941	6,777	7,004	6,958	6,941	6,907	7,068	7,040	7,096	7,001	7,003	7,069	7,029			
Nondurable goods stores.....do.	12,437	12,064	12,194													

Unless otherwise stated, statistics through 1965 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

	1967	1968	1968				1969										
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.*	
LABOR FORCE—Continued																	
Seasonally Adjusted																	
Civilian labor force†.....	thous.		78,847	78,800	79,042	79,368	79,874	80,356	80,495	80,450	80,071	80,433	80,756	81,054	81,359	81,486	
Employed, total.....	do.		76,006	76,002	76,388	76,765	77,229	77,729	77,76	77,605	77,265	77,671	77,874	78,187	78,127	78,325	
Nonagricultural employment.....	do.		72,349	72,477	72,682	72,923	73,477	73,848	74,035	73,941	73,460	73,966	74,323	74,533	74,660	74,993	
Agricultural employment.....	do.		3,651	3,525	3,706	3,842	3,881	3,722	3,881	3,664	3,805	3,705	3,551	3,634	3,458	3,332	
Unemployed (all civilian workers).....	do.		2,847	2,798	2,654	2,603	2,645	2,627	2,728	2,845	2,806	2,762	2,882	2,867	3,232	3,161	
Long-term, 15 weeks and over.....	do.	449	412	373	381	348	322	316	346	355	393	409	383	419	382	370	
Rates (unemployed in each group as percent of total in that group):‡																	
All civilian workers.....		3.8	3.6	3.6	3.6	3.4	3.3	3.3	3.3	3.4	3.5	3.4	3.6	3.5	4.0	3.9	
Men, 20 years and over.....		2.3	2.2	2.2	2.2	2.0	1.8	2.0	1.9	2.0	2.0	2.0	2.2	2.1	2.4	2.4	
Women, 20 years and over.....		4.2	3.8	3.9	3.7	3.5	3.5	3.5	3.5	3.8	3.7	3.7	3.7	3.8	4.2	4.0	
Both sexes, 16-19 years.....		12.9	12.7	12.5	12.3	12.2	12.7	11.7	11.7	12.7	12.5	11.6	12.2	12.5	13.2	13.0	
Married men*.....		1.8	1.6	1.6	1.6	1.6	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.5	1.7	1.7	
Negro and other races*.....		7.4	6.7	6.6	7.3	6.5	6.0	6.0	5.7	6.0	6.9	6.5	6.4	6.5	6.8	6.9	
White workers*.....		3.4	3.2	3.2	3.1	3.0	3.0	3.0	2.9	3.1	3.1	3.0	3.2	3.2	3.6	3.5	
Occupation: White-collar workers*.....		2.2	2.0	2.0	2.0	2.0	1.9	1.9	2.0	1.8	1.9	2.1	2.2	2.2	2.2	2.4	
Blue-collar workers*.....		4.4	4.1	4.1	4.0	3.9	3.6	3.8	3.6	3.7	4.1	3.8	3.8	3.8	4.4	4.3	
Industry (nonagricultural):																	
Private wage and salary workers*.....		3.9	3.6	3.6	3.6	3.4	3.3	3.4	3.3	3.4	3.6	3.5	3.6	3.6	4.0	3.8	
Construction*.....		7.3	6.9	5.7	6.0	6.5	5.4	5.5	5.5	6.2	6.2	5.5	5.0	5.7	7.4	7.6	
Manufacturing*.....		3.7	3.3	3.3	3.4	3.2	2.8	3.2	2.9	3.1	3.2	3.1	3.3	3.2	2.9	3.7	
Durable goods*.....		3.4	3.0	3.1	3.2	3.1	2.6	2.7	2.4	2.7	3.0	2.9	3.3	3.2	3.3	3.3	
EMPLOYMENT																	
Employees on payrolls of nonagricultural estab.††																	
Total, not adjusted for seasonal variation.....	thous.	65,857	67,860	68,610	68,960	69,248	69,805	68,196	68,403	68,894	69,462	69,929	70,380	70,347	70,607	70,910	71,222
Seasonally Adjusted																	
Total.....	thous.	65,857	67,860	68,195	68,427	68,664	68,875	69,199	69,487	69,710	70,013	70,300	70,247	70,500	70,486	70,673	
Mining.....	do.	613	610	622	573	622	623	626	628	626	624	622	629	631	631	633	
Contract construction.....	do.	3,208	3,267	3,286	3,305	3,313	3,330	3,338	3,366	3,374	3,363	3,407	3,466	3,434	3,414	3,406	
Manufacturing.....	do.	19,447	19,768	19,820	19,840	19,807	19,958	19,999	20,061	20,111	20,111	20,118	20,198	20,164	20,334	20,201	20,190
Durable goods.....	do.	11,439	11,624	11,646	11,649	11,700	11,744	11,819	11,839	11,881	11,868	11,874	11,931	11,912	12,081	11,965	11,953
Ordinance and accessories.....	do.	317	342	346	333	347	351	349	346	346	343	342	337	332	325	315	310
Lumber and wood products.....	do.	597	598	599	600	600	603	606	607	608	604	610	607	600	598	594	591
Furniture and fixtures.....	do.	455	474	478	480	484	485	496	494	494	496	496	496	491	493	491	491
Stone, clay, and glass products.....	do.	628	637	645	649	652	658	664	666	664	656	662	658	659	660	661	
Primary metal industries.....	do.	1,322	1,314	1,302	1,294	1,300	1,313	1,321	1,330	1,332	1,326	1,333	1,347	1,348	1,361	1,380	1,382
Fabricated metal products.....	do.	1,363	1,394	1,401	1,411	1,420	1,426	1,437	1,444	1,451	1,450	1,453	1,456	1,456	1,465	1,464	1,461
Machinery, except electrical.....	do.	1,970	1,961	1,960	1,966	1,974	1,971	1,981	1,987	1,993	1,999	1,999	2,010	2,007	2,005	2,023	2,031
Electrical equip. and supplies.....	do.	1,959	1,982	1,984	1,982	1,988	1,996	2,013	2,026	2,036	2,046	2,058	2,063	2,070	2,076	2,073	2,078
Transportation equipment.....	do.	1,949	2,028	2,035	2,034	2,031	2,031	2,045	2,020	2,020	2,029	2,009	2,035	2,032	2,183	2,057	2,040
Instruments and related products.....	do.	451	460	462	463	465	465	466	468	470	472	474	473	471	473	469	469
Miscellaneous manufacturing ind.....	do.	428	435	434	437	439	445	447	441	445	445	444	445	447	443	439	439
Nondurable goods.....	do.	8,008	8,144	8,174	8,191	8,197	8,214	8,180	8,222	8,241	8,243	8,244	8,267	8,252	8,253	8,236	8,237
Food and kindred products.....	do.	1,786	1,781	1,782	1,782	1,781	1,789	1,792	1,801	1,793	1,795	1,793	1,789	1,787	1,797	1,796	1,797
Tobacco manufactures.....	do.	87	84	84	83	82	81	82	81	83	81	82	81	81	83	80	78
Textile mill products.....	do.	959	991	994	994	997	998	1,000	999	995	991	987	990	988	979	978	976
Apparel and other textile products.....	do.	1,398	1,408	1,414	1,416	1,412	1,412	1,424	1,409	1,417	1,425	1,426	1,429	1,423	1,414	1,412	1,411
Paper and allied products.....	do.	679	693	696	700	704	706	709	713	714	710	714	717	716	718	718	721
Printing and publishing.....	do.	1,048	1,063	1,065	1,070	1,072	1,074	1,076	1,077	1,078	1,078	1,075	1,083	1,084	1,089	1,093	1,097
Chemicals and allied products.....	do.	1,001	1,026	1,031	1,034	1,038	1,040	1,040	1,044	1,045	1,044	1,046	1,055	1,054	1,052	1,050	1,050
Petroleum and coal products.....	do.	183	187	186	187	188	189	128	170	187	190	191	191	191	190	189	191
Rubber and plastics products, nec.....	do.	516	557	565	568	567	571	573	577	579	581	584	585	586	584	582	582
Leather and leather products.....	do.	351	356	357	357	356	354	354	350	350	350	350	348	343	345	336	334
Transportation, communication, electric, gas, and sanitary services.....	thous.	4,261	4,313	4,333	4,341	4,352	4,360	4,353	4,373	4,399	4,439	4,444	4,467	4,483	4,484	4,482	4,476
Wholesale and retail trade.....	do.	13,606	14,081	14,198	14,265	14,291	14,271	14,412	14,468	14,508	14,533	14,600	14,665	14,671	14,702	14,731	14,811
Wholesale trade.....	do.	3,525	3,618	3,646	3,660	3,669	3,678	3,701	3,714	3,726	3,737	3,758	3,774	3,773	3,776	3,788	3,805
Retail trade.....	do.	10,081	10,464	10,552	10,605	10,622	10,593	10,711	10,754	10,782	10,796	10,851	10,891	10,898	10,926	10,943	11,006
Finance, insurance, and real estate.....	do.	3,225	3,383	3,414	3,433	3,453	3,463	3,490	3,502	3,515	3,531	3,541	3,557	3,568	3,581	3,590	3,601
Services.....	do.	10,099	10,592	10,635	10,721	10,787	10,838	10,900	10,967	11,034	11,044	11,065	11,066	11,067	11,120	11,153	11,251
Government.....	do.	11,398	11,846	11,887	11,949	11,949	12,032	12,081	12,122	12,132	12,144	12,207	12,231	12,238	12,284	12,304	12,305
Federal.....	do.	2,719	2,737	2,721	2,708	2,709	2,724	2,760	2,767	2,759	2,758	2,754	2,790	2,777	2,752	2,749	2,741
State and local.....	do.	8,679	9,109	9,166	9,241	9,240	9,308	9,321	9,355	9,373	9,386	9,453	9,469	9,454	9,486	9,535	9,564
Production workers on manufacturing payrolls:																	
Total, not seasonally adjusted††.....	thous.	14,308	14,505	14,758	14,731	14,741	14,701	14,509	14,584	14,644	14,604	14,624	14,923	14,665	14,971	15,003	14,952
Seasonally Adjusted																	
Total.....	thous.	14,308	14,505	14,533	14,545	14,594	14,635	14,684	14,731	14,771	14,739	14,740	14,811	14,772	14,922	14,779	14,766
Durable goods.....	do.	8,364	8,456	8,465	8,462	8,505	8,536	8,606	8,628	8,654	8,634	8,630	8,687	8,668	8,823	8,708	8,695
Ordinance and accessories.....	do.	174	192	195	183	195	195	196	195	197	193	192	188	187	181	174	170
Lumber and wood products.....	do.	519	519	519	519	520	524	528	527	528	525	530	528	520	518	515	513
Furniture and fixtures.....	do.	375	392	395	397	400	402	407	410	410	413	412	411				

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
EMPLOYMENT—Continued																
Seasonally Adjusted																
Production workers on manufacturing payrolls—Continued																
Nondurable goods industries—Continued																
Paper and allied products.....thous..	526	537	540	543	546	549	550	555	555	549	554	556	555	557	556	559
Printing and publishing.....do.....	662	665	664	668	670	671	673	672	673	674	669	674	675	676	679	681
Chemicals and allied products.....do....	592	608	611	613	616	617	617	620	620	617	617	623	620	619	613	612
Petroleum and coal products.....do.....	115	118	117	119	119	119	73	101	116	118	118	119	119	118	118	119
Rubber and plastics products, nec.....do....	397	431	437	440	439	441	444	448	449	449	451	455	455	454	452	451
Leather and leather products.....do.....	304	306	306	307	307	305	306	302	301	300	300	299	294	296	287	285
HOURS AND MAN-HOURS																
Seasonally Adjusted																
Average weekly gross hours per production worker on payrolls of nonagricultural estab.:††																
Mining.....hours.....	42.6	42.7	42.9	41.2	43.2	43.3	43.3	43.3	42.8	43.8	43.4	42.0	42.6	43.2	43.0	42.8
Contract construction.....do.....	37.7	37.4	37.5	37.5	36.2	37.6	38.2	38.0	37.9	38.0	38.1	37.6	37.5	37.9	38.1	37.4
Manufacturing: Not seasonally adjusted.....do....	40.6	40.7	41.2	41.1	40.9	41.1	40.4	40.0	40.7	40.5	40.7	40.9	40.5	40.6	41.0	40.7
Seasonally adjusted.....do.....			41.0	40.9	40.8	40.8	40.6	40.1	40.9	40.8	40.7	40.7	40.7	40.6	40.8	40.5
Overtime hours.....do.....	3.4	3.6	3.7	3.7	3.8	3.7	3.8	3.5	3.7	3.7	3.6	3.6	3.6	3.7	3.6	3.4
Durable goods.....do.....	41.2	41.4	41.6	41.6	41.6	41.3	41.3	40.9	41.5	41.4	41.4	41.3	41.2	41.3	41.5	41.2
Overtime hours.....do.....	3.5	3.8	3.9	3.9	4.0	3.9	3.8	3.8	3.9	3.8	3.8	3.9	3.8	3.8	3.8	3.6
Ordinance and accessories.....do.....	41.7	41.5	41.7	42.0	41.4	41.3	40.0	40.3	40.8	40.9	40.6	40.9	40.2	40.4	40.4	40.5
Lumber and wood products.....do.....	40.2	40.6	41.0	40.7	40.6	41.1	40.0	40.8	40.9	40.2	40.3	40.2	39.7	39.8	40.0	39.5
Furniture and fixtures.....do.....	40.4	40.6	40.8	40.8	40.5	40.5	40.6	40.1	40.7	40.9	40.9	40.7	40.1	40.3	40.1	39.9
Stone, clay, and glass products.....do.....	41.6	41.8	42.1	42.1	41.8	42.0	41.8	42.2	42.3	42.0	42.1	41.9	41.7	42.1	42.0	41.7
Primary metal industries.....do.....	41.1	41.6	41.4	41.4	41.4	41.6	41.7	41.6	41.9	41.8	41.7	41.7	41.5	42.0	42.2	42.2
Fabricated metal products.....do.....	41.5	41.7	41.9	42.1	42.1	41.7	41.8	41.2	41.9	41.8	41.6	41.8	41.6	41.6	41.4	41.4
Machinery, except electrical.....do.....	42.6	42.1	42.3	42.3	42.3	42.2	42.5	42.3	42.7	42.6	42.6	42.5	42.2	42.6	42.7	42.5
Electrical equipment and supplies.....do....	40.2	40.3	40.7	40.4	40.3	40.2	40.4	39.7	40.7	40.9	40.6	40.6	40.3	40.4	40.6	40.3
Transportation equipment.....do.....	41.4	42.2	42.3	42.5	42.3	41.8	41.4	41.6	41.6	41.5	41.1	41.6	42.3	41.2	41.7	41.6
Instruments and related products.....do....	41.3	40.5	40.6	40.6	40.7	40.5	40.7	39.7	40.7	40.8	40.8	40.9	40.9	40.9	41.1	40.8
Miscellaneous manufacturing ind.....do.....	39.4	39.3	39.6	39.4	39.2	39.0	39.2	37.6	39.0	39.5	39.1	39.2	39.1	39.0	39.0	38.8
Nondurable goods.....do.....	39.7	39.8	40.0	39.9	39.7	39.9	39.8	39.1	39.9	39.8	39.8	39.8	39.7	39.6	39.7	39.6
Overtime hours.....do.....	3.1	3.3	3.4	3.3	3.4	3.4	3.6	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.1
Food and kindred products.....do.....	40.9	40.8	40.8	40.8	40.6	40.9	40.6	40.7	40.9	40.9	40.8	40.7	40.6	40.9	41.1	41.3
Tobacco manufactures.....do.....	38.6	37.8	38.2	37.7	37.5	37.1	37.2	36.6	36.5	36.4	38.1	39.5	38.2	37.2	37.4	37.9
Textile mill products.....do.....	40.9	41.2	41.4	41.2	41.1	41.2	40.6	39.9	40.9	41.1	41.0	41.2	41.2	40.9	40.7	40.5
Apparel and other textile products.....do....	36.0	36.1	36.4	36.3	36.0	36.1	36.2	35.2	36.0	36.0	36.1	36.2	36.0	35.9	35.9	35.6
Paper and allied products.....do.....	42.8	42.9	43.2	43.1	43.0	43.2	43.5	42.5	43.2	43.4	43.0	42.9	43.0	42.8	42.8	42.6
Printing and publishing.....do.....	38.4	38.3	38.5	38.6	38.4	38.5	38.4	37.9	38.3	38.3	38.4	38.4	38.5	38.4	38.3	38.2
Chemicals and allied products.....do....	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.7	41.7	41.6	41.8	41.8	41.9	41.9	41.6	41.6
Petroleum and coal products.....do.....	42.7	42.5	42.5	42.6	42.7	41.8	42.6	43.2	42.9	43.0	42.2	42.9	42.8	42.8	42.4	42.4
Rubber and plastics products, nec.....do....	41.4	41.5	41.6	41.6	41.4	41.5	41.5	40.7	41.4	41.4	41.4	41.3	41.2	40.9	40.9	40.6
Leather and leather products.....do.....	38.1	38.3	38.1	38.6	37.9	37.8	37.6	35.3	37.6	37.7	37.6	37.4	37.0	36.8	37.1	37.3
Wholesale and retail trade.....do.....	36.5	36.0	36.1	35.9	35.8	35.7	35.8	35.7	35.7	35.6	35.7	35.7	35.7	35.8	35.6	35.4
Wholesale trade.....do.....	40.3	40.1	40.2	40.1	40.0	40.0	40.1	40.1	40.1	40.2	40.1	40.0	40.0	40.3	40.2	40.1
Retail trade.....do.....	35.3	34.7	34.7	34.5	34.5	34.3	34.4	34.2	34.3	34.1	34.3	34.2	34.2	34.3	34.1	33.8
Finance, insurance, and real estate.....do....	37.0	37.0	37.1	37.1	36.9	37.0	37.2	37.1	37.1	37.1	37.0	37.2	37.0	37.0	37.0	37.1
Seasonally Adjusted																
Man-hours in nonfarm estab., all employees, seasonally adjusted, annual rate††	131.45	134.62	135.75	135.89	135.83	136.19	137.07	137.08	138.44	138.42	139.15	139.43	139.45	140.18	140.03	139.16
Man-hour indexes (aggregate weekly), industrial and construction industries, total††																
1957-59=100.....	113.7	115.4	116.2	116.0	115.9	116.9	117.4	116.8	118.3	118.1	118.1	118.6	118.0	119.0	118.4	117.6
Mining.....do.....	79.4	78.6	80.7	70.3	81.3	81.7	82.0	82.5	81.1	82.8	81.7	78.9	81.4	82.8	82.6	82.4
Contract construction.....do.....	111.1	112.0	112.9	113.8	110.0	115.3	117.7	118.0	117.7	117.4	119.3	119.5	117.9	118.1	119.2	116.7
Manufacturing.....do.....	115.9	117.9	118.7	118.7	118.7	119.0	119.1	118.4	120.3	120.0	119.7	120.4	119.8	121.0	120.0	119.5
Durable goods.....do.....	121.6	123.4	124.1	124.1	124.4	124.5	125.3	124.9	126.8	126.3	125.8	126.3	126.2	128.5	127.2	126.5
Ordinance and accessories.....do.....	204.5	223.8	228.8	216.3	227.2	226.6	220.6	221.1	226.2	222.1	219.3	216.3	211.5	205.7	197.8	193.7
Lumber and wood products.....do.....	93.1	93.9	95.0	94.2	94.2	96.0	94.2	95.9	96.3	94.2	95.3	94.7	92.1	92.0	91.9	90.4
Furniture and fixtures.....do.....	121.8	128.0	129.6	130.2	130.4	130.8	132.9	132.3	134.2	135.9	135.6	134.6	131.6	132.9	131.6	130.6
Stone, clay, and glass products.....do.....	106.3	109.2	111.8	112.4	112.0	113.9	114.2	115.9	115.7	113.6	113.3	114.0	112.2	113.5	113.6	112.8
Primary metal industries.....do.....	110.3	110.2	108.5	107.7	108.1	110.0	111.0	111.5	112.9	111.9	112.2	113.7	113.2	115.7	118.4	118.8
Fabricated metal products.....do.....	123.9	126.9	128.1	129.9	130.6	129.9	131.3	130.1	133.0	132.4	132.1	132.8	132.2	132.9	131.8	131.5
Machinery, except electrical.....do.....	137.4	133.0	133.4	133.8	135.1	134.0	136.3	136.7	137.3	137.7	137.3	138.1	136.3	137.3	139.3	139.4
Electrical equipment and supplies.....do....	143.0	143.5	144.8	143.5	143.5	143.8	146.0	144.7	149.3	150.6	150.7	150.6	150.4	150.7	150.9	150.6
Transportation equipment.....do.....	114.2	121.7	122.5	122.6	121.7	120.0	119.9	119.4	119.9	118.6	115.7	120.0	121.7	131.2	121.7	120.2
Instruments and related products.....do....	127.4	126.0	126.6	127.1	127.8	127.5	128.5	125.7	130.2	130.6	131.5	130.9	130.4	130.9	130.2	128.8
Miscellaneous manufacturing ind.....do.....	108.9	109.7	110.3	110.4	110.5	111.8	112.4	106.3	111.2	112.3	110.8	111.4	111.8	109.9	108.9	108.1
Nondurable goods.....do.....	108.6	110.7	111.5	111.7	111.3	111.8	111.0	109.8	111.8	111.7	111.8	112.1	111.5	111.2	110.8	110.4
Food and kindred products.....do.....	96.2	96.2	96.4	96.5	96.0	97.3	96.9	97.9	97.8	97.6	97.4	96.8	96.2	97.5	97.8	98.2
Tobacco manufactures.....do.....	86.8	82.2	83.8	80.5	80.0	78.0	80.5	77.0	76.8	75.5	80.2	83.1	79.2	79.4	76.4	75.1
Textile mill products.....do.....	102.7	106.7	107.7	107.1	107.2	107.5	106.1	104.1	106.3	106.2	105.5	106.2	106.2	104.3	103.6	102.8
Apparel and other textile products.....do....	116.8	117.5	119.0	118.9	117.5	117.7	119.0	114.3	117.6	118.2	118.8	119.1	117.8	116.9	116.7	115.7
Paper and allied products.....do.....	114.9	117.7	119.1	119.4	119.8	121.0	122.1	120.4	122.4	121.6	121.6	121.7	121.8	121.7	121.5	121.5
Printing and publishing.....do.....	116.7	117.0	117.5	118.5	118.2	118.7	118.8	117.0	118.5	118.3	118.1	118.9	119.4	119.3	119.5	119.5
Chemicals and allied products.....do....	118.6	122.4	123.3	123.7	124.3	124.5	124.5	124.5	124.5	123.6	124.2	125.4	125.1	124.9	122.8	122.6
Petroleum and coal products.....do.....	80.8	83.0	82.1	83.7	83.7	83.9	50.4	71.0	82.8	83.6	83.8	82.9	84.3	83.4	82.6	83.3
Rubber and plastics products, nec.....do....	144.4	157.2	159.9	161.0	159.8	161.0	162.0	160.4	163.5	163.5	164.2	165.3	164.9	163.3	162.6	161.0
Leather and leather products.....do.....	94.8	96.0	95.4	97.0	95.2	94.3	94.1	87.2	92.6	92.5	92.3	91.5	89.0	89.1	87.1	87.0
WEEKLY AND HOURLY EARNINGS																
Not Seasonally Adjust																

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

HELP-WANTED ADVERTISING																
Seasonally adjusted index: 1957-59=100.....	186	205	218	223	222	225	224	230	231	233	232	228	227	224	230	
LABOR TURNOVER																
Manufacturing establishments:																
Unadjusted for seasonal variation: Δ																
Accession rate, total																
mo. rate per 100 employees.....	4.4	4.6	5.7	5.0	3.8	3.0	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	
New hires..... do.....	3.3	3.5	4.5	4.0	2.9	2.2	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.7	
Separation rate, total..... do.....	4.6	4.6	6.3	4.9	4.1	3.8	4.5	4.0	4.4	4.5	4.6	4.5	5.3	6.2	6.0	
Quit..... do.....	2.3	2.5	4.1	2.8	2.1	1.6	2.3	2.1	2.4	2.6	2.7	2.6	2.6	4.0	4.4	
Layoff..... do.....	1.4	1.2	1.1	1.2	1.2	1.4	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	
Seasonally adjusted: Δ																
Accession rate, total..... do.....																
New hires..... do.....			4.7	4.8	4.6	4.7	4.9	4.6	4.6	4.9	4.8	5.0	4.8	4.5	4.5	
Separation rate, total..... do.....			3.6	3.6	3.5	3.7	3.8	3.7	4.0	3.9	3.7	3.8	3.7	3.5	3.7	
Quit..... do.....			4.6	4.6	4.5	4.2	4.6	4.8	4.9	4.9	5.0	4.0	4.9	5.1	4.8	
Layoff..... do.....			2.4	2.6	2.6	2.5	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.9	2.5	
INDUSTRIAL DISPUTES																
Strikes and lockouts:																
Beginning in period:																
Work stoppages..... number.....	4,595	5,045	448	434	327	183	320	330	420	570	660	560	500	500	490	
Workers involved..... thous.....	2,870	2,649	170	279	130	64	182	137	112	253	219	181	220	160	157	
In effect during month:																
Work stoppages..... number.....			738	741	617	408	480	500	600	770	870	800	760	770	740	
Workers involved..... thous.....			349	415	306	189	255	266	261	303	329	302	307	280	215	
Man-days idle during period..... do.....	42,100	49,018	3,081	3,992	2,431	1,693	3,380	2,590	2,080	2,740	3,530	3,370	3,420	2,890	1,830	
EMPLOYMENT SERVICE AND UNEMPLOYMENT INSURANCE																
Nonfarm placements..... thous.....																
Insured unemployment programs..... do.....	1,270	1,187	867	861	984	1,252	1,584	1,550	1,384	1,162	970	911	1,088	1,015	992	
State programs:																
Initial claims..... do.....	11,760	10,463	604	701	788	1,161	1,240	890	709	756	613	710	1,105	731	655	
Insured unemployment, weekly avg..... do.....	1,205	1,111	802	794	913	1,172	1,491	1,459	1,300	1,090	906	852	1,021	948	848	
Percent of covered employment: c ²																
Unadjusted.....	2.5	2.2	1.6	1.6	1.8	2.3	3.0	2.9	2.6	2.2	1.8	1.7	2.0	1.8	1.6	
Seasonally adjusted.....			2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.2	2.2	2.2	
Beneficiaries, weekly average..... thous.....	1,017	956	687	644	680	885	1,206	1,290	1,190	1,022	800	744	788	832	706	
Benefits paid..... mil. \$.....	2,092.3	2,031.9	121.8	126.0	122.5	170.3	246.1	234.2	226.5	200.1	153.0	135.0	159.2	156.7	136.2	
Federal employees, insured unemployment, weekly average..... thous.....																
Veterans' program (UCX):																
Initial claims..... do.....	222	289	22	26	26	29	32	27	24	22	20	26	32	27	26	
Insured unemployment, weekly avg..... do.....	23	32	28	27	32	38	44	43	40	35	29	30	36	37	32	
Beneficiaries, weekly average..... do.....	21	29	26	24	26	34	41	42	39	35	28	27	31	35	30	
Benefits paid..... mil. \$.....	46.3	69.2	5.2	5.2	5.3	7.2	9.0	8.0	7.8	7.4	5.8	5.5	6.9	7.2	6.5	
Railroad program:																
Applications..... thous.....	241	139	7	9	6	11	12	6	5	5	11	11	17	7		
Insured unemployment, weekly avg..... do.....	20	20	18	20	18	19	24	23	21	18	17	11	13	13	14	
Benefits paid..... mil. \$.....	40.6	40.4	3.1	4.0	3.4	3.6	4.8	4.3	4.1	3.4	2.8	2.0	2.1	2.4		

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances..... mil. \$.....	4,317	4,428	4,327	4,420	4,389	4,428	4,370	4,420	4,464	4,510	4,668	4,880	4,991	5,145	5,232	
Commercial and finance co. paper, total..... do.....	16,635	20,497	20,264	20,839	22,220	20,497	21,813	22,865	23,681	24,390	25,305	26,004	28,346	29,476	29,564	
Placed through dealers..... do.....	4,901	7,201	7,737	7,592	7,758	7,201	7,873	8,342	9,003	10,076	9,931	10,159	10,352	11,350	11,871	
Placed directly (finance paper)..... do.....	11,634	13,296	12,527	13,247	14,462	13,296	13,940	14,523	14,678	14,314	15,374	15,845	17,994	18,126	17,693	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.: Total, end of period..... mil. \$.....																
Farm mortgage loans:																
Federal land banks..... do.....	5,609	6,126	6,064	6,094	6,107	6,126	6,169	6,226	6,317	6,412	6,484	6,557	6,605	6,645	6,676	
Loans to cooperatives..... do.....	1,506	1,577	1,479	1,551	1,583	1,577	1,630	1,680	1,663	1,648	1,614	1,594	1,594	1,573	1,585	
Other loans and discounts..... do.....	3,733	4,044	4,179	4,090	3,987	4,044	4,108	4,040	4,344	4,284	4,416	4,790	4,655	4,624	4,736	
Bank debits to demand deposit accounts, except interbank and U.S. Government accounts, annual rates, seasonally adjusted:																
Total (233 SMSA's)..... bil. \$.....			8,369.6	8,602.1	8,541.5	8,755.8	8,734.2	8,833.1	8,723.7	8,883.8	9,147.6	9,385.2	9,242.8	9,430.1	9,737.2	
New York SMSA..... do.....			3,857.8	3,953.7	3,925.9	4,076.8	3,896.7	3,929.8	3,882.8	3,902.0	4,097.6	4,155.7	3,908.6	4,148.4	4,311.5	
Total 232 SMSA's (except N.Y.)..... do.....			4,511.8	4,648.4	4,615.6	4,679.0	4,837.5	4,903.2	4,840.9	4,981.8	5,050.0	5,229.6	5,334.2	5,281.7	5,425.8	
6 other leading SMSA's..... do.....			1,840.2	1,904.9	1,904.1	1,902.4	2,007.9	2,047.2	1,974.3	2,028.9	2,083.2	2,164.4	2,244.4	2,242.8	2,249.6	
226 other SMSA's..... do.....			2,671.6	2,743.5	2,711.5	2,776.6	2,829.6	2,856.1	2,866.6	2,952.9	2,966.8	3,065.2	3,089.8	3,038.9	3,176.2	
Federal Reserve banks, condition, end of period:																
Assets, total..... mil. \$.....	75,330	78,972	77,388	77,215	78,977	78,972	77,635	77,849	78,772	82,213	80,753	80,516	79,473	80,281	80,285	81,919
Reserve bank credit outstanding, total..... do.....	51,948	56,614	54,707	55,910	55,097	56,614	55,892	55,857	55,419	58,108	56,891	56,601	57,454	58,626	56,948	59,592
Discounts and advances..... do.....	141	188	390	179	471	188	862	744	1,148	2,532	1,832	1,049	750	1,514	928	1,690
U.S. Government securities..... do.....	49,112	52,937	53,279	53,329	53,350	52,937	52,127	52,275	52,405	53,113	53,759	54,095	54,138	54,911	54,134	55,515
Gold certificate account..... do.....	11,481	10,026	10,026	10,026	10,026	10,026	10,025	10,025	10,025	10,023	10,022	10,027	10,027	10,027	10,036	10,036
Liabilities, total..... do.....	75,330	78,972	77,388	77,215	78,977	78,972	77,635	77,849	78,772	82,213	80,753	80,516	79,473	80,281	80,285	81,919
Deposits, total..... do.....	22,920	23,473	22,949	23,935	23,667	23,473	24,295	23,909	23,289	25,882	25,405	22,714	23,331	24,271	23,317	25,150
Member-bank reserve balances..... do.....	20,999	21,807	21,233	22,316	22,533	21,807	23,124	22,801	21,588	24,344	23,705	20,750	21,772	22,789	21,656	23,613
Federal Reserve notes in circulation..... do.....	42,369	45,510	43,273	43,472	44,481	45,510	44,170	43,992	44,232	44,196	44,811	45,299	45,566	45,885	45,818	46,128

* Revised. * Preliminary. ¹ Beginning Feb. 1969, data for indicated month exclude loans by Federal Intermediate Credit Banks outside the Farm Credit Adm. system now reported quarterly only. Δ Adjusted to new benchmarks and seasonal factors; see note "f," p. S-13. † Revised (back to 1960) to incorporate new seasonal factors; see note "i," p. S-15, Oct. 1969 SURVEY for data through May 1968 (revisions for June and July 1968, 197 and 204).

² Insured unemployment as % of average covered employment in a 12-month period. ³ Total SMSA's include some cities and counties not designated as SMSA's. ⁴ Includes Boston, Philadelphia, Chicago, Detroit, San Francisco-Oakland and Los Angeles-Long Beach. ⁵ Includes data not shown separately.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	End of year		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FINANCE—Continued																
BANKING—Continued																
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$	1 25,260	1 27,221	26,077	26,653	26,785	27,221	28,063	27,291	26,754	27,079	27,903	27,817	26,980	27,079	* 26,971	27,331
Required.....do.	1 24,915	1 26,766	25,694	26,393	26,461	26,766	27,846	27,063	26,537	26,927	27,603	26,974	26,864	26,776	26,735	27,201
Excess.....do.	1 345	1 455	383	260	324	455	217	228	217	152	300	343	116	303	236	130
Borrowings from Federal Reserve banks.....do.	1 238	1 765	515	427	569	765	697	824	918	996	1,402	1,407	1,190	1,249	1,067	1,136
Free reserves.....do.	1 107	1 -310	-132	-167	-245	-310	-480	-596	-701	-844	-1,102	-1,064	-1,074	-946	-831	-1,006
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.:																
Deposits:																
Demand, adjusted ².....mil. \$	81,848	88,930	78,029	79,134	78,963	88,930	81,120	79,826	81,891	79,374	77,040	* 78,248	78,135	79,444	80,460	79,648
Demand, total ³.....do.	127,277	144,295	127,364	123,574	125,007	144,295	127,002	124,747	128,683	134,765	127,254	* 135,809	127,152	129,567	134,717	131,668
Individuals, partnerships, and corp. ....do.	92,380	102,818	88,412	88,655	91,495	102,818	90,113	89,131	93,164	92,700	89,414	* 93,690	90,094	91,903	92,470	90,844
State and local governments.....do.	6,231	7,675	6,366	6,175	6,175	7,675	6,318	6,272	6,257	7,005	6,270	* 6,628	6,233	6,363	6,860	5,772
U.S. Government.....do.	3,818	3,437	5,485	3,990	1,429	3,437	5,434	3,882	2,003	6,946	4,112	* 3,618	3,382	1,228	3,952	4,733
Domestic commercial banks.....do.	15,752	19,064	16,216	14,896	15,596	19,064	14,596	14,915	16,259	16,315	16,239	* 18,999	16,125	18,182	17,544	17,070
Time, total ³.....do.	102,921	112,103	109,359	110,771	111,937	112,103	110,030	109,211	108,387	106,949	106,188	* 103,111	100,602	98,581	97,919	97,239
Individuals, partnerships, and corp.:																
Savings.....do.	48,864	49,161	48,512	48,522	48,672	49,161	48,340	48,335	48,550	47,737	47,691	47,512	46,953	46,653	46,652	46,377
Other time.....do.	38,273	45,013	44,023	45,106	45,926	45,013	44,416	44,201	43,419	42,908	42,511	40,916	39,740	38,590	38,469	37,248
Loans (adjusted), total ³.....do.	143,951	161,824	153,411	151,926	154,023	161,824	156,682	157,587	159,640	162,397	161,977	* 170,468	168,004	166,481	168,805	167,512
Commercial and industrial.....do.	66,201	73,988	69,553	69,702	71,178	73,988	72,896	73,727	75,269	76,659	76,636	* 78,590	77,607	76,667	78,428	77,689
For purchasing or carrying securities.....do.	8,340	9,533	10,245	8,296	7,697	9,533	7,390	7,234	7,025	7,233	6,927	* 7,563	7,269	6,729	6,585	6,261
To nonbank financial institutions.....do.	10,415	11,866	10,587	10,240	10,287	11,866	10,401	10,535	10,709	11,349	10,806	* 11,927	10,967	11,138	11,352	10,799
Real estate loans.....do.	29,126	32,051	31,197	31,469	31,773	32,051	32,220	32,472	32,627	32,877	33,022	* 33,252	33,303	33,534	33,688	33,950
Other loans.....do.	37,702	40,882	40,137	39,482	40,453	40,882	42,745	42,727	42,949	42,065	42,910	* 44,917	44,658	44,418	45,063	44,595
Investments, total.....do.	61,818	68,347	66,239	68,051	66,525	68,347	65,861	63,193	64,066	63,169	60,758	* 60,168	60,081	59,426	58,230	58,598
U.S. Government securities, total.....do.	28,371	29,354	28,602	30,099	28,231	29,354	27,656	25,146	26,073	24,791	23,077	* 22,820	23,468	23,336	22,260	23,330
Notes and bonds.....do.	22,322	24,040	24,701	24,770	24,480	24,040	23,649	22,851	22,552	22,500	21,803	* 21,382	21,138	21,118	20,645	20,104
Other securities.....do.	33,447	38,993	37,637	37,952	38,294	38,993	38,205	38,047	37,993	38,378	37,681	* 37,348	36,613	36,090	35,970	35,268
Commercial bank credit (last Wed. of mo., except for June 30 and Dec. 31 call dates), seas. adj.:																
Total loans and investments ³.....bil. \$	346.5	384.6	374.6	379.4	381.6	384.6	385.9	387.9	386.8	389.9	390.8	* 395.2	395.7	395.4	394.7	394.8
Loans ³.....do.	225.4	251.6	243.6	246.7	250.4	251.6	253.7	258.4	257.5	260.6	263.3	* 268.0	268.8	269.2	270.4	272.2
U.S. Government securities.....do.	69.7	61.5	64.0	64.2	61.0	61.5	60.8	58.1	57.4	57.6	56.0	* 56.0	56.6	56.6	54.5	53.4
Other securities.....do.	61.4	71.5	67.0	68.5	70.2	71.5	71.4	71.5	71.9	71.7	71.5	* 71.2	70.3	69.6	69.8	69.1
Money and interest rates: \$																
Bank rates on short-term business loans: †																
In 35 centers.....percent per annum	2 5.99	2 6.68			6.61			7.32			7.86				8.82	
New York City.....do.	2 5.72	2 6.45			6.40			7.13			7.66				8.65	
7 other northeast centers.....do.	2 6.34	2 7.01			6.95			7.59			8.18				9.14	
8 north central centers.....do.	2 5.96	2 6.72			6.69			7.41			7.89				8.85	
7 southeast centers.....do.	2 5.96	2 6.50			6.44			7.01			7.66				8.46	
8 southwest centers.....do.	2 6.06	2 6.66			6.48			7.25			7.87				8.85	
4 west coast centers.....do.	2 6.09	2 6.64			6.62			7.35			7.83				8.75	
Discount rate (N.Y.F.R. Bank), end of year or month.....percent.	4.50	5.50	5.25	5.25	5.25	5.50	5.50	5.50	5.50	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Federal intermediate credit bank loans.....do.	2 5.88	2 6.41	6.61	6.59	6.54	6.53	6.54	6.64	6.70	6.62	6.84	7.02	7.26	7.51	7.69	7.69
Federal land bank loans.....do.	2 6.02	2 6.85	6.96	6.96	6.96	6.97	6.98									
Home mortgage rates (conventional 1st mortgages): †																
New home purchase (U.S. avg.).....percent	2 6.33	2 6.83	7.10	7.09	7.07	7.09	7.16	7.26	7.32	7.47	7.50	7.62	7.76	7.86	* 7.89	7.97
Existing home purchase (U.S. avg.).....do.	2 6.40	2 6.90	7.11	7.09	7.07	7.09	7.18	7.28	7.35	7.46	7.54	7.64	7.79	7.90	7.92	7.98
Open market rates, New York City:																
Bankers' acceptances (prime, 90 days).....do.	3 4.75	3 5.75	5.63	5.79	5.97	6.20	6.46	6.47	6.66	6.36	7.38	7.99	8.41	8.04	8.14	8.17
Commercial paper (prime, 4-6 months).....do.	3 5.10	3 5.90	5.82	5.80	5.92	6.17	6.53	6.62	6.82	6.42	7.35	8.23	8.65	8.33	8.48	8.57
Finance Co. paper placed directly, 3-6 mo. do.	3 4.89	3 5.69	5.61	5.59	5.75	5.86	6.14	6.33	6.38	6.38	6.54	7.25	7.63	7.71	7.61	7.86
Stock Exchange call loans, going rate.....do.	3 5.66	6.33	6.50	6.50	6.25	6.50	6.97	7.00	7.26	7.50	7.50	8.31	8.50	8.50	8.50	8.50
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue).....percent	3 4.321	3 5.339	5.202	5.334	5.492	5.916	6.177	6.156	6.080	6.150	6.077	6.493	7.004	7.007	7.129	7.040
3-5 year issues.....do.	3 5.07	3 5.59	5.30	5.42	5.47	5.99	6.04	6.16	6.33	6.15	6.33	6.64	7.02	7.08	7.58	7.47
CONSUMER CREDIT																
(Short- and Intermediate-term)																
Total outstanding, end of year or month [†]mil. \$	102,132	113,191	107,636	108,643	110,035	113,191	112,117	111,569	111,950	113,231	114,750	115,995	116,597	117,380	118,008	-----
Installment credit, total.....do.	80,926	89,890	86,184	87,058	87,953	89,890	89,492	89,380	89,672	90,663	91,813	93,087	93,833	94,732	95,356	-----
Automobile paper.....do.	30,724	34,130	33,336	33,698	33,925	34,130	34,013	34,053	34,262	34,733	35,230	35,804	36,081	36,245	36,321	-----
Other consumer goods paper.....do.	22,395	24,899	22,988	23,248	23,668	24,899	24,682	24,404	24,306	24,399	24,636	24,956	25,172	25,407	25,732	-----
Repair and modernization loans.....do.	3,789	3,925	3,881	3,910	3,931	3,925	3,856	3,875	3,874	3,903	3,964	4,022	4,039	4,063	4,096	-----
Personal loans.....do.	24,018	26,936	25,979	26,202	26,429	26,936	26,911	27,048	27,230	27,628	27,983	28,305	28,541	28,957	29,207	-----
By type of holder:																
Financial institutions, total.....do.	69,490	77,457	75,114	75,871	76,446	77,457	77,360	77,577	78,006	79,062	80,155	81,388	82,130	82,910	83,440	-----
Commercial banks.....do.	32,700	36,952	35,923	36,352	36,560	36,952	37,005	37,056	37,257	37,854	38,347	38,916	39,248	39,532	39,793	-----
Sales finance companies.....do.	16,838	18,219	17,680	17,823	17,960	18,219	18,175	18,219	18,253	18,418	18,636	18,961	19,127	19,265	19,560	-----
Credit unions.....do.	8,972	10,178	9,851	9,962	10,049	10,178	10,101	10,153	10,294	10,508	10,699	10,939	11,054	11,220	11,347	-----
Consumer finance companies.....do.	8,103	8,913	8,530	8,588	8,685	8,913	8,879	8,896	8,927</							

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FINANCE—Continued																
CONSUMER CREDIT¹—Continued																
Installment credit extended and repaid:																
Unadjusted:																
Extended, total.....mil. \$	84,693	97,053	7,682	8,687	8,166	9,568	7,557	6,971	8,132	9,024	8,960	9,169	8,920	8,604	8,485	
Automobile paper.....do	26,667	31,424	2,354	2,917	2,546	2,489	2,369	2,344	2,750	3,023	2,985	3,045	2,828	2,593	2,566	
Other consumer goods paper.....do	26,952	30,593	2,462	2,752	2,739	3,608	2,449	1,965	2,423	2,668	2,760	2,832	2,778	2,764	2,794	
All other.....do	31,074	35,036	2,866	3,018	2,881	3,471	3,739	2,642	2,959	3,333	3,215	3,292	3,314	3,247	3,125	
Repaid, total.....do	81,306	88,089	7,182	7,813	7,271	7,631	7,955	7,083	7,840	8,033	7,810	7,895	8,174	7,705	7,861	
Automobile paper.....do	26,499	28,018	2,343	2,555	2,319	2,284	2,486	2,304	2,541	2,552	2,488	2,471	2,551	2,429	2,490	
Other consumer goods paper.....do	25,535	28,089	2,251	2,492	2,319	2,377	2,666	2,263	2,521	2,575	2,523	2,512	2,562	2,469	2,529	
All other.....do	29,272	31,982	2,588	2,766	2,633	2,970	2,803	2,516	2,778	2,906	2,799	2,912	3,061	2,807	2,842	
Seasonally adjusted:																
Extended, total.....do			8,416	8,533	8,288	8,277	8,371	8,414	8,381	8,720	8,680	8,705	8,521	8,680	8,669	
Automobile paper.....do			2,783	2,782	2,681	2,592	2,661	2,716	2,730	2,772	2,757	2,725	2,582	2,634	2,794	
Other consumer goods paper.....do			2,560	2,645	2,640	2,656	2,654	2,598	2,625	2,763	2,767	2,869	2,777	2,819	2,740	
All other.....do			3,073	3,106	2,967	3,029	3,056	3,100	3,026	3,185	3,156	3,111	3,162	3,227	3,135	
Repaid, total.....do			7,701	7,586	7,454	7,502	7,730	7,616	7,735	7,960	7,834	7,910	7,899	8,080	7,971	
Automobile paper.....do			2,482	2,391	2,363	2,357	2,467	2,468	2,501	2,519	2,488	2,460	2,471	2,562	2,498	
Other consumer goods paper.....do			2,428	2,451	2,388	2,422	2,442	2,352	2,461	2,569	2,507	2,602	2,511	2,574	2,600	
All other.....do			2,791	2,744	2,703	2,723	2,821	2,796	2,773	2,872	2,839	2,848	2,917	2,944	2,873	
FEDERAL GOVERNMENT FINANCE																
Budget receipts, expenditures, and net lending: †																
Expenditure account:																
Receipts (net).....mil. \$	149,552	153,671	18,753	10,716	12,737	15,820	15,845	14,590	13,727	23,596	13,346	23,855	12,542	14,999	20,406	
Expenditure (excl. net lending).....do	153,201	172,803	16,029	16,553	15,070	14,465	15,798	14,361	15,637	15,922	15,279	14,105	15,542	16,790	17,167	
Expend. acct. surplus or deficit (-).....do	-3,649	-19,132	2,726	-5,837	-2,332	1,355	47	230	-1,910	7,674	-1,932	9,750	-3,001	-1,791	3,239	
Loan account:																
Net lending.....do	-5,053	-6,030	-207	-286	-55	71	37	-373	-2	-50	-485	369	-152	-316	-448	
Budget surplus or deficit (-).....do	-8,702	-25,162	2,518	-6,122	-2,387	1,427	84	-144	-1,912	7,625	-2,418	10,119	-3,153	-2,107	2,790	
Budget financing: †																
Borrowing from the public.....do	2,838	23,100	-4,528	3,125	-686	-3,586	1,626	-1,887	418	-2,456	-1,485	-8,580	4,438	679	-375	
Reduction in cash balances.....do	5,864	2,062	2,010	2,997	3,073	2,159	-1,710	2,031	1,494	-5,169	3,903	-1,539	-1,285	1,428	-2,415	
Total, budget financing.....do	8,702	25,162	-2,518	6,122	2,387	-1,427	-84	144	1,912	-7,625	2,418	-10,119	3,153	2,107	-2,790	
Gross amount of debt outstanding†:																
Held by the public.....do	341,348	369,768	372,616	375,366	375,120	371,267	373,618	373,165	373,854	372,216	373,677	367,152	371,759	374,105	373,960	
	267,531	290,631	293,001	296,122	295,441	291,855	293,481	291,595	292,012	289,557	288,072	279,492	283,930	284,608	284,233	
Budget receipts by source and outlays by agency: †																
Receipts (net), total.....mil. \$	149,552	153,671	18,753	10,716	12,737	15,820	15,845	14,590	13,727	23,596	13,346	23,855	12,542	14,999	20,406	
Individual income taxes (net).....do	61,526	68,726	9,199	5,299	6,483	6,397	10,222	7,287	3,999	12,106	4,780	10,100	6,404	7,230	9,776	
Corporation income taxes (net).....do	33,971	28,665	5,000	1,278	559	5,159	1,603	682	4,965	5,323	806	8,606	1,070	571	5,551	
Social insurance taxes and contributions (net).....do	33,349	34,622	2,651	2,256	3,659	2,118	2,176	4,890	2,865	3,981	5,748	2,825	2,879	5,209	3,022	
Other.....do	20,706	21,659	1,904	1,883	2,035	2,147	1,844	1,742	1,898	2,286	2,031	2,324	2,190	1,989	2,057	
Expenditures and net lending, total †.....do	158,255	178,834	16,235	16,839	15,124	14,394	15,761	14,734	15,639	15,972	15,764	13,736	15,695	17,106	17,616	
Agriculture Department.....do	5,841	7,308	1,685	1,267	781	675	808	395	447	610	344	-492	825	1,338	1,857	
Defense Department, military.....do	67,453	77,373	6,408	6,768	6,336	6,702	6,568	6,227	6,543	6,682	6,480	7,278	6,346	6,612	6,479	
Health, Education, and Welfare Department.....do																
Treasury Department.....mil. \$	34,608	40,576	3,764	3,790	3,830	3,776	3,830	3,849	4,007	4,169	4,054	4,224	3,951	4,000	4,071	
National Aeronautics and Space Adm.....do	13,059	14,655	1,351	1,254	1,441	1,416	1,373	1,422	1,511	1,506	1,470	1,514	1,445	1,567	1,587	
Veterans Administration.....do	5,423	4,721	342	393	334	353	347	335	385	353	367	327	319	337	294	
Other.....do	6,845	6,858	622	597	617	623	632	649	712	692	684	652	657	667	691	
Receipts and expenditures (national income and product accounts basis), qtrly. totals seas. adj. at annual rates: †																
Federal Government receipts, total.....bil. \$	151.1	176.3	181.4			187.3			198.1			202.3			200.9	
Personal tax and nontax receipts.....do	67.5	79.5	83.7			87.4			93.8			96.9			95.0	
Corporate profit tax accruals.....do	30.6	38.3	38.4			39.8			40.2			40.5			39.4	
Indirect business tax and nontax accruals.....do	16.3	18.0	18.3			18.5			18.5			18.6			19.1	
Contributions for social insurance.....do	36.7	40.5	40.9			41.7			45.6			46.4			47.5	
Federal Government expenditures, total.....do	163.8	181.5	184.2			187.4			188.5			189.3			193.6	
Purchases of goods and services.....do	90.7	99.5	100.9			101.9			101.6			100.6			103.2	
National defense.....do	72.4	78.0	78.8			79.3			79.0			78.5			80.3	
Transfer payments.....do	42.2	47.8	48.7			50.0			50.8			52.1			52.7	
Grants-in-aid to State and local govts.....do	15.9	18.3	18.4			19.0			19.0			19.3			19.8	
Net interest paid.....do	10.3	11.6	11.7			12.2			12.5			12.9			13.1	
Subsidies less current surplus of government enterprises.....bil. \$	4.7	4.2	4.6			4.4			4.6			4.4			4.6	
Surplus or deficit (-).....do	-12.7	-5.2	-2.8			-1			9.6			13.0			7.3	
LIFE INSURANCE																
Institute of Life Insurance:																
Assets, total, all U.S. life insurance companies †																
Assets (book value), total.....bil. \$	177.83	188.64	185.24	186.26	187.55	188.64	188.97	189.92	190.83	191.36	192.13	192.31	193.04	194.03		
Stocks (book value), total.....do	75.77	79.41	78.84	79.34	79.70	79.49	79.95	80.51	80.74	80.72	80.90	80.85	81.24	81.37		
Bonds (book value), total.....do	10.88	13.23	10.24	10.49	10.67	10.92	11.07	11.23	11.48	11.62	11.79	11.93	11.85	11.97		
Mortgage loans, total.....do	67.52	69.97	68.99	69.18	69.37	70.04	70.20	70.36	70.48	70.66	70.82	70.96	71.08	71.25		
Nonfarm.....do	61.95	64.17	63.22	63.40	63.59	64.24	64.44	64.58	64.69	64.86	64.99	65.11	65.23	65.39		
Real estate.....do	5.19	5.57	5.51	5.53	5.56	5.58	5.62	5.64	5.67	5.65	5.68	5.71	5.79	5.80		
Policy loans and premium notes.....do	10.06	11.31	11.04	11.13	11.22	11.30	11.40	11.52	11.70	11.90	12.09	12.32	12.65	12.92		
Cash.....do	1.58	1.68	1.43	1.44	1.43	1.62	1.42	1.42	1.38	1.35	1.32	1.24	1.19	1.20		
Other assets.....do	6.85	7.47	9.18	9.15	9.60	9.68	9.31	9.20	9.38	9.45	9.52	9.30	9.24	9.52		
Payments to policyholders and beneficiaries in U.S., total.....mil. \$																
Death benefits.....do	13,293.6	14,385.0	1,162.3	1,247.2	1,087.3	1,506.9	1,293.9	1,206.8	1,363.7	1,270.5	1,240.5	1,287.1	1,246.9			
Matured endowments.....do	5,665.3	6,209.3	498.6	547.8	466.1	541.2	589.0	562.2	616.3	560.7	547.0	542.4	548.5			
Disability payments.....do	1,017.1	967.2	75.0	84.6	75.4	79.2	87.5	80.1	89.5	83.9	81.3	82.5	71.5			
Annuity payments.....do	174.6	195.6	15.6	15.9	15.5	17.0	18.5	15.0	18.7	16.6	16.0	20.0	16.9			
Surrender values.....do	2,243.1	2,456.4	200.5													

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FINANCE—Continued

LIFE INSURANCE—Continued																
Life Insurance Agency Management Association:† Insurance written (new paid-for insurance):																
Value, estimated total.....mil. \$	140,868	150,743	11,126	13,546	115,695	16,276	10,586	11,149	13,360	13,947	12,436	13,261	12,104	13,230	12,464	
Ordinary (incl. mass-marketed ord.)†.....do	94,694	104,524	8,138	9,831	8,882	9,859	8,094	8,439	9,798	9,632	9,602	9,691	9,053	8,791	8,905	
Group.....do	139,118	139,591	2,457	3,162	16,278	5,853	1,992	2,191	2,971	3,770	2,240	3,059	2,560	3,931	3,026	
Industrial.....do	7,056	6,628	531	553	535	564	500	519	591	545	594	531	491	508	533	
Premiums collected:																
Total life insurance premiums.....do	17,017	18,052	1,429	1,567	1,425	1,833	1,519	1,493	1,560	1,555	1,531	1,536	1,580	1,520	1,564	
Ordinary (incl. mass-marketed ord.)†.....do	12,822	13,510	1,072	1,192	1,084	1,243	1,165	1,137	1,181	1,170	1,161	1,159	1,192	1,125	1,155	
Group.....do	2,843	3,201	258	276	246	340	252	263	283	289	275	282	294	300	311	
Industrial.....do	1,352	1,341	99	99	95	249	102	93	96	95	96	96	94	95	98	
MONETARY STATISTICS																
Gold and silver:																
Gold:																
Monetary stock, U.S. (end of period).....mil. \$	11,982	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367	10,367
Net release from earmark\$.....do	-85	187	170	36	92	-7	-66	-28	-16	48	91	-2	-11	17	29	
Exports.....thous. \$	1,005,199	839,180	11,732	11,484	370	478	0	202	192	613	358	193	239	9,531	364	
Imports.....do	32,547	226,262	18,365	20,770	16,128	15,824	14,292	15,005	22,837	24,956	17,156	23,742	8,066	19,519	27,052	
Production, world total.....mil. \$																
South Africa.....do	1,068.7	1,088.0	93.7	92.4	87.9	83.5	83.4	86.7	89.1	89.3	90.0	91.3	93.7	93.9	95.1	
Canada.....do	103.7	94.1	8.3	7.7	7.5	7.7	7.8	7.1	7.6	7.3	7.4	7.3	6.7	6.6		
United States.....do	53.4	53.9														
Silver:																
Exports.....thous. \$	100,710	249,973	18,806	20,990	11,884	21,529	8,653	17,648	10,417	12,424	27,930	8,643	8,365	10,889	7,838	
Imports.....do	80,178	140,435	13,421	14,182	11,547	10,496	6,719	8,244	9,086	9,450	8,299	5,427	4,446	6,117		
Price at New York.....dol. per fine oz.	1.550	2.145	2.208	1.973	2.018	1.959	1.979	1.840	1.826	1.778	1.761	1.645	1.618	1.653	1.785	1.872
Production:																
Canada.....thous. fine oz.	37,206	45,390	3,372	4,616	3,596	3,251	3,176	3,211	3,569	3,387	4,140	3,587	3,382			
Mexico.....do	138,273	140,031	4,175	2,869	3,289	3,807	2,955	3,406	4,494	4,059						
United States.....do	30,354	37,168	4,092	4,327	4,368	4,762	5,529	4,723	5,233	4,977	4,287	4,805	2,645	6,017		
Currency in circulation (end of period).....bil. \$	47.2	51.0	48.3	48.7	50.0	51.0	49.0	49.0	49.5	49.6	50.4	50.9	51.1	51.5	51.3	
Money supply and related data (avg. of daily fig.):⊕																
Unadjusted for seasonal variation:																
Total money supply.....bil. \$	176.5	188.6	190.1	192.0	195.3	201.0	201.7	194.8	195.0	199.2	194.4	197.0	197.8	195.9	197.6	199.4
Currency outside banks.....do	39.4	42.0	42.7	42.8	43.6	44.3	43.5	43.4	43.7	43.8	44.2	44.7	45.2	45.4	45.6	
Demand deposits.....do	137.1	146.6	147.4	149.2	151.7	156.7	158.2	151.4	151.3	155.3	150.3	152.2	152.7	150.5	152.4	153.8
Time deposits adjusted†.....do	173.3	192.4	196.6	199.6	201.3	203.1	202.8	202.4	202.9	202.7	202.2	201.0	197.7	195.5	194.3	193.7
U.S. Government demand deposits†.....do	5.1	5.7	6.1	6.3	4.5	5.0	4.9	6.9	4.8	5.4	9.2	6.0	5.6	4.3	5.3	4.2
Adjusted for seasonal variation:																
Total money supply.....do			191.4	191.8	193.6	194.8	195.8	196.3	196.8	198.1	198.3	199.0	199.3	199.0	199.0	199.2
Currency outside banks.....do			42.7	42.8	43.2	43.4	43.5	43.8	44.1	44.2	44.5	44.8	45.0	45.3	45.6	
Demand deposits.....do			148.8	149.1	150.5	151.4	152.3	152.5	152.7	154.0	153.8	154.2	154.4	153.8	153.7	153.6
Time deposits adjusted†.....do			196.4	199.4	202.1	204.9	203.2	202.4	202.3	201.7	200.8	197.7	194.5	194.1	193.5	
Turnover of demand deposits except interbank and U.S. Govt., annual rates, seas. adjusted:																
Total (233 SMSA's)⊙.....ratio of debits to deposits			63.7	65.9	65.7	66.0	65.7	67.3	66.0	66.6	68.2	67.6	70.1	72.3		
New York SMSA.....do			138.5	142.5	142.7	144.8	138.3	144.9	142.6	140.9	147.3	145.5	136.1	146.5	153.5	
Total 232 SMSA's (except N.Y.).....do			43.6	45.2	45.0	44.8	46.2	47.0	46.1	47.2	47.5	48.4	49.4	49.7	50.9	
6 other leading SMSA's⊙.....do			60.9	63.3	63.3	62.1	65.5	67.2	64.5	66.3	67.1	68.6	71.8	72.9	73.0	
226 other SMSA's.....do			36.5	37.8	37.4	37.6	38.2	38.7	38.5	39.4	39.5	40.1	40.3	40.3	41.9	
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Fed. Trade and SEC):																
Net profit after taxes, all industries.....mil. \$	29,008	32,069	7,635			8,718			7,929		8,925					
Food and kindred products.....do	2,130	2,209	590			597			506		580					
Textile mill products.....do	540	654	180			178			138		173					
Lumber and wood products (except furniture).....mil. \$	333	635	179			170			201		229					
Paper and allied products.....do	796	889	211			246			225		285					
Chemicals and allied products.....do	3,261	3,525	852			891			886		961					
Petroleum refining.....do	5,497	5,794	1,442			1,461			1,468		1,480					
Stone, clay, and glass products.....do	672	769	254			196			107		263					
Primary nonferrous metal.....do	1,061	1,149	289			349			321		371					
Primary iron and steel.....do	1,165	1,186	177			262			293		348					
Fabricated metal products (except ordnance, machinery, and transport equip.).....mil. \$	1,316	1,320	349			347			310		369					
Machinery (except electrical).....do	2,893	2,947	745			765			697		930					
Elec. machinery, equip., and supplies.....do	2,297	2,518	605			760			625		653					
Transportation equipment (except motor vehicles, etc.).....mil. \$	809	1,025	237			265			274		254					
Motor vehicles and equipment.....do	2,356	3,222	396			1,007			855		821					
All other manufacturing industries.....do	3,884	4,229	1,150			1,224			1,019		1,230					
Dividends paid (cash), all industries.....do	13,262	14,189	3,262			4,064			3,606		3,797					
Electric utilities, profits after taxes (Federal Reserve)†.....mil. \$	2,908	3,002	764			733			873		707					
SECURITIES ISSUED																
Securities and Exchange Commission:																
Estimated gross proceeds, total.....mil. \$	68,514	65,562	3,819	6,111	3,294	3,812	4,284	4,087	3,514	5,780	4,608	4,056	4,986	3,377		
By type of security:																
Bonds and notes, total.....do	65,670	60,979	3,421	5,587	2,828	3,330	3,825	3,278	2,759	4,950	3,914	3,311	4,407	2,892		
Corporate.....do	21,954	17,383	1,159	1,604	1,301	1,572	1,616	1,237	1,344	1,917	1,382	1,786	1,871	1,004		
Common stock.....do	1,959	3,946	397	499	425	464	393	736	657	762	684	694	543	413		
Preferred stock.....do	885	637	1	25	41	19	67	72	98	68	10	50	36	72		
By type of issuer:																
Corporate, total ⊙.....do	24,798	21,966	1,557	2,129	1,767	2,055	2,075	2,045	2,098	2,748	2,076	2,530	2,450	1,489		
Manufacturing.....do	11,058	6,979	453	640	421	651	403	513	491	513	569	691	881	382		
Extractive (mining).....do	587	594	70	66	74	104	150	260	168	115	229	163	91	108		
Public utility.....do	4,935	5,281	475	674	443	319	627	315	404	784	392	702	492	506		
Railroad.....do	286	246	5	39	50	9	13	26	44	21	8	41	25	30		
Communication.....do	1,979	1,766	156	115	163	41	186	56	232	44	197	191	286	126		
Financial and real estate.....do	2,433	2,820	142	234	249	522	232	272	274	543	273	298	354	199		

† Revised. ⊕ Preliminary. † Includes coverage on Federal employees of \$8.3 bil. in Dec. 1967 and \$3.4 bil. in Nov. 1968. † Estimated; excludes U.S.S.R., other Eastern European countries, China Mainland, and North Korea. † Includes revisions not distributed to months. † Revisions for Jan. 1968-Mar. 1968 for insurance written, for Jan.-July 1967 for premiums collected, and for 1966-67 for electric utilities profits will be shown later. † Beginning Oct. 1968 SURVEY, mass-marketed ordinary, formerly combined with group is included under

ordinary insurance; monthly data available on new basis beginning Jan. 1965. † 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-Long Beach. † Includes data not shown separately.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FINANCE—Continued																
SECURITIES ISSUED—Continued																
Securities and Exchange Commission—Continued																
Estimated gross proceeds—Continued																
By type of issuer—Continued																
Noncorporate, total ¹.....mil. \$..	43,716	43,596	2,262	3,982	1,527	1,758	2,209	2,041	1,416	3,032	2,533	1,525	2,536	1,888		
U.S. Government.....do.....	19,431	18,025	361	430	379	377	427	443	382	412	410	419	421	377		
State and municipal.....do.....	14,288	16,374	1,423	2,260	1,037	1,138	1,244	974	520	1,627	1,088	710	1,052	794		
New corporate security issues:																
Estimated net proceeds, total.....do.....	24,409		1,513													
Proposed uses of proceeds:																
New money, total.....do.....	22,230		1,281													
Plant and equipment.....do.....	16,154		912													
Working capital.....do.....	6,076		370													
Retirement of securities.....do.....	312		15													
Other purposes.....do.....	1,867		216													
State and municipal issues (Bond Buyer):																
Long-term.....do.....	14,288	16,374	1,423	2,260	1,037	1,138	1,244	974	520	1,627	1,088	710	1,052	794	503	
Short-term.....do.....	8,025	8,659	489	856	975	576	640	837	783	1,292	905	1,072	627	1,140	1,082	
SECURITY MARKETS																
Brokers' Balances																
(N.Y.S.E. Members Carrying Margin Accounts)																
Cash on hand and in banks.....mil. \$..	1,791	1,002	964	1,024	1,064	1,002	1,054	1,056	1,063	965	988	1,019	975	930	950	
Customers' debit balances (net).....do.....	17,948	19,790	8,723	8,859	9,029	9,790	9,042	9,148	8,318	8,044	8,474	8,214	7,515	7,029	7,019	
Customers' free credit balances (net).....do.....	12,763	13,717	3,126	3,407	3,419	3,717	3,597	3,647	3,294	3,077	3,084	3,084	2,783	2,577	2,579	
Bonds																
Prices:																
Standard & Poor's Corporation:																
Industrial, utility, and railroad (AAA issues):																
Composite ².....dol. per \$100 bond..	81.8	76.4	78.4	77.0	75.7	73.0	72.5	72.1	71.0	70.1	70.2	68.8	68.2	68.4	67.2	66.5
Domestic municipal (15 bonds).....do.....	100.5	93.4	93.9	92.7	91.2	88.5	88.0	86.4	83.7	84.2	82.3	78.6	78.5	76.1	73.6	74.9
U.S. Treasury bonds, taxable ³.....do.....	76.55	72.33	73.95	72.44	71.27	68.47	67.61	66.55	64.90	67.73	66.68	64.84	64.75	65.18	62.64	63.05
Sales:																
Total, excl. U.S. Government bonds (SEC):																
All registered exchanges:																
Market value.....mil. \$..	6,087.43	5,669.52	397.77	522.32	501.27	586.72	498.22	399.88	388.20	406.63	422.50	370.32	330.44	315.76	271.52	
Face value.....do.....	5,393.60	5,458.55	397.81	533.78	474.36	555.81	517.50	409.00	426.23	446.13	438.10	410.29	393.16	375.63	338.22	
New York Stock Exchange:																
Market value.....do.....	5,428.00	4,401.94	304.64	406.30	395.10	448.22	389.95	303.99	306.40	320.97	299.98	288.21	269.23	255.55	210.08	
Face value.....do.....	4,862.48	4,447.68	323.61	430.97	383.79	456.37	409.21	319.45	345.57	360.38	333.90	331.35	324.81	304.60	269.62	
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$..	3,955.54	3,814.24	305.18	363.54	343.20	387.20	344.56	289.19	280.23	325.13	289.74	300.46	293.42	245.99	239.42	341.33
Yields:																
Domestic corporate (Moody's):																
By rating:																
Aaa.....do.....	2 5.82	6.51	6.35	6.43	6.56	6.80	6.89	6.93	7.11	7.17	7.10	7.27	7.39	7.37	7.53	7.72
Aa.....do.....	2 5.51	6.18	5.97	6.09	6.19	6.45	6.59	6.66	6.85	6.89	6.79	6.98	7.08	6.97	7.14	7.33
A.....do.....	5.66	6.38	6.23	6.32	6.45	6.66	6.73	6.77	6.95	7.02	6.96	7.12	7.24	7.23	7.36	7.53
A.....do.....	5.86	6.54	6.39	6.47	6.59	6.85	6.93	6.97	7.13	7.21	7.12	7.28	7.40	7.41	7.56	7.79
Baa.....do.....	6.23	6.94	6.79	6.84	7.01	7.23	7.32	7.30	7.51	7.54	7.52	7.70	7.84	7.86	8.05	8.22
By group:																
Industrials.....do.....	5.74	6.41	6.24	6.34	6.47	6.72	6.78	6.82	7.02	7.07	6.99	7.16	7.29	7.29	7.42	7.59
Public utilities.....do.....	5.81	6.49	6.27	6.39	6.58	6.85	7.02	7.05	7.23	7.26	7.15	7.38	7.49	7.40	7.62	7.91
Railroads.....do.....	2 5.89	6.77	6.70	6.72	6.78	6.97	6.98	6.98	7.16	7.25	7.27	7.37	7.50	7.57	7.68	7.76
Domestic municipal:																
Bond Buyer (20 bonds).....do.....	3.96	4.47	4.36	4.56	4.64	4.85	4.91	5.04	5.25	5.10	5.60	5.68	5.93	6.26	6.19	6.13
Standard & Poor's Corp. (15 bonds).....do.....	3.98	4.51	4.47	4.56	4.68	4.91	4.95	5.10	5.34	5.29	5.47	5.83	5.84	6.07	6.35	6.21
U.S. Treasury bonds, taxable ³.....do.....	4.85	5.25	5.09	5.24	5.36	5.65	5.74	5.86	6.05	5.84	5.85	6.06	6.07	6.02	6.32	6.27
Stocks																
Dividend rates, prices, yields, and earnings, common stocks (Moody's):																
Dividends per share, annual rate, composite																
Industrials.....dollars.....	8.26	8.53	8.52	8.56	8.78	8.78	8.86	8.90	8.91	8.93	8.95	9.03	9.03	9.03	9.04	9.05
Public utilities.....do.....	9.03	9.24	9.23	9.25	9.55	9.57	9.67	9.72	9.73	9.77	9.78	9.90	9.90	9.90	9.90	9.90
Railroads.....do.....	4.34	4.50	4.55	4.55	4.56	4.58	4.58	4.58	4.59	4.59	4.61	4.61	4.61	4.62	4.62	4.62
N.Y. banks.....do.....	4.62	4.55	4.55	4.55	4.62	4.62	4.62	4.62	4.62	4.62	4.63	4.66	4.66	4.67	4.67	4.67
Fire insurance companies.....do.....	5.35	5.82	5.89	5.89	6.09	6.14	6.14	6.14	6.23	6.23	6.37	6.37	6.37	6.41	6.61	6.61
Fire insurance companies.....do.....	7.82	8.62	9.00	9.24	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	10.12
Price per share, end of mo., composite																
Industrials.....do.....	246.54	264.62	275.62	277.91	289.86	276.28	273.42	262.20	271.57	277.63	277.23	264.58	249.38	259.67	252.76	263.28
Public utilities.....do.....	290.05	315.86	328.32	329.50	343.13	326.90	321.13	309.17	324.26	330.61	330.32	315.83	296.79	310.95	302.90	314.69
Railroads.....do.....	101.87	98.37	98.50	98.83	107.33	104.04	106.49	101.51	99.88	99.64	99.81	94.53	92.47	91.13	86.29	92.25
Railroads.....do.....	95.91	101.00	109.77	109.53	115.18	111.24	114.80	106.17	104.88	102.33	100.84	92.40	85.98	87.16	87.15	87.36
Yields, composite																
Industrials.....percent.....	3.35	3.22	3.09	3.08	3.03	3.18	3.24	3.39	3.28	3.22	3.23	3.41	3.62	3.48	3.58	3.44
Public utilities.....do.....	3.11	2.93	2.81	2.81	2.78	2.93	3.01	3.14	3.00	2.96	2.96	3.13	3.34	3.18	3.27	3.15
Railroads.....do.....	4.26	4.57	4.62	4.60	4.25	4.40	4.30	4.51	4.60	4.61	4.62	4.88	4.99	5.07	5.35	5.01
N.Y. banks.....do.....	4.82	4.50	4.15	4.15	4.01	4.15	4.02	4.35	4.41	4.51	4.59	5.04	5.42	5.36	5.36	5.35
Fire insurance companies.....do.....	3.87	3.40	3.28	3.01	3.07	3.26	3.21	3.54	3.42	3.49	3.70	3.91	4.28	3.80	4.03	3.61
Fire insurance companies.....do.....	3.47	3.10	2.66	2.69	2.83	2.76	2.85	3.02	3.25	3.27	3.18	3.62	3.99	3.87	3.61	3.19
Earnings per share (Indust., qtrly. at ann. rate; pub. util. and RR., for 12 mo. ending each qtr.):																
Industrials.....dollars.....	15.76	17.62	15.78			20.17				17.68		18.34			16.25	
Public utilities.....do.....	6.67	6.67	6.73			6.67				6.74		6.81			6.89	
Railroads.....do.....	6.74	7.25	7.01			7.25				7.33		7.72				

¹ Revised. ² End of year. ³ Beginning Dec. 18, 1967, Aaa railroad bonds not included.

⁴ Includes data not shown separately.

⁵ Number of bonds represented fluctuates; the change in the number does not affect the

continuity of the series.

⁶ Prices are derived from average yields on basis of an assumed 3 percent 20-year bond.

⁷ For bonds due or callable in 10 years or more.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FINANCE—Continued

SECURITY MARKETS—Continued																
Stocks—Continued																
Dividend yields, preferred stocks, 10 high-grade (Standard & Poor's Corp.).....percent.	5.34	5.78	5.63	5.76	5.82	5.93	5.93	5.94	6.09	6.14	6.20	6.33	6.42	6.44	6.61	6.79
Prices:																
Dow-Jones averages (65 stocks).....	314.79	322.19	329.15	340.25	344.39	347.57	337.64	337.85	322.11	320.24	325.88	305.86	286.41	279.78	279.05	280.44
Industrial (30 stocks).....	879.12	906.00	922.80	955.47	964.12	968.39	934.99	931.29	916.52	927.38	954.86	896.61	844.02	825.46	826.71	832.51
Public utility (15 stocks).....	132.65	130.02	130.80	130.40	137.57	138.26	135.62	136.89	130.90	129.14	130.83	124.48	120.40	115.76	113.35	115.12
Railroad (20 stocks).....	242.38	250.09	258.53	270.41	270.51	275.36	268.78	269.75	245.26	238.01	238.15	221.99	202.88	199.24	199.06	198.39
Standard & Poor's Corporation:♂																
Industrial, public utility, and railroad:																
Combined index (500 stocks).....1941-43=10..	91.93	98.70	101.34	103.76	105.40	106.48	102.04	101.46	99.30	101.26	104.62	99.14	94.71	94.18	94.51	95.52
Industrial, total (425 stocks) ♀.....do.....	99.18	107.49	110.53	113.29	114.77	116.01	110.97	110.15	108.20	110.68	114.53	108.59	103.68	103.39	103.97	105.07
Capital goods (130 stocks).....do.....	96.96	105.77	107.57	108.48	109.75	111.44	106.56	105.47	103.76	105.54	108.66	102.68	100.55	100.90	102.27	103.67
Consumers' goods (181 stocks).....do.....	79.18	86.33	88.46	91.36	92.04	91.91	87.89	87.93	86.69	88.21	91.57	88.12	83.04	83.44	85.26	87.29
Public utility (55 stocks).....do.....	68.10	66.42	66.77	66.93	70.59	70.54	68.65	69.24	66.07	65.63	66.91	63.29	61.32	59.20	57.84	58.80
Railroad (20 stocks).....do.....	46.72	48.84	51.11	54.26	53.74	55.19	54.11	54.78	50.46	49.53	49.97	46.43	43.00	42.04	42.03	41.75
Banks:																
New York City (9 stocks).....do.....	36.40	44.69	46.99	49.65	52.46	50.99	49.49	49.52	46.10	47.04	46.69	43.55	41.98	41.87	44.40	44.47
Outside New York City (16 stocks).....do.....	66.46	81.71	84.59	89.83	98.15	99.19	92.57	94.50	90.89	93.39	92.78	85.81	82.49	80.41	83.47	85.73
Fire and casualty insurance (16 stocks).....do.....	62.29	73.64	82.97	96.19	95.35	98.30	95.51	96.80	88.29	86.47	86.04	79.17	74.54	72.83	76.91	88.52
New York Stock Exchange common stock indexes:																
Composite.....12/31/65=50..	50.77	55.37	56.80	58.32	59.44	60.32	57.82	57.33	55.69	56.61	58.50	55.20	52.40	52.09	52.37	53.27
Industrial.....do.....	51.97	58.00	59.57	61.07	61.97	63.21	60.32	59.61	58.30	59.41	61.50	58.07	55.00	54.85	55.29	56.22
Transportation.....do.....	53.51	50.58	51.94	55.24	55.96	57.30	56.35	56.18	51.52	50.88	50.46	47.70	42.80	41.45	42.72	43.12
Utility.....do.....	45.43	44.19	44.53	45.22	47.18	46.73	45.64	45.98	44.06	44.34	45.75	43.39	42.31	41.34	40.20	40.55
Finance.....do.....	49.82	65.85	71.77	77.50	79.55	79.00	75.58	75.26	70.60	72.38	75.10	68.62	64.56	65.29	68.16	71.71
Sales:																
Total on all registered exchanges (SEC):																
Market value.....mil. \$.	161,746	196,358	13,735	18,560	16,165	18,864	17,957	15,187	13,234	13,911	18,189	14,860	12,685	12,392	12,433	-----
Shares sold.....millions.	4,504	5,312	393	479	412	508	515	407	366	379	502	420	359	367	355	-----
On New York Stock Exchange:																
Market value.....mil. \$.	125,329	144,978	9,868	13,727	11,979	13,844	13,056	11,007	9,755	10,094	13,081	10,847	9,561	9,405	9,357	-----
Shares sold (cleared or settled).....millions.	2,886	3,299	231	305	261	314	305	247	237	239	305	264	240	246	233	-----
New York Stock Exchange:																
Exclusive of odd-lot and stopped stock sales (sales effected).....millions.	2,530	2,932	228	272	252	268	267	210	199	237	257	235	228	202	219	310
Shares listed, N. Y. Stock Exchange, end of period:																
Market value, all listed shares.....bil. \$.	605.82	692.34	668.36	676.18	716.40	692.34	689.24	654.51	672.59	691.07	693.14	650.50	611.15	641.58	627.50	661.44
Number of shares listed.....millions.	11,622	13,196	12,714	12,891	13,042	13,196	13,326	13,448	13,657	13,806	14,050	14,400	14,505	14,761	14,833	14,918

FOREIGN TRADE OF THE UNITED STATES

FOREIGN TRADE																
Value																
Exports (mdse.), incl. reexports, total.....mil. \$.	31,526.2	134,635.9	2,990.2	2,780.5	3,193.4	3,094.7	12,111.3	2,179.1	3,418.0	3,565.9	3,594.8	3,170.0	3,045.6	3,227.3	3,186.0	-----
Excl. Dept. of Defense shipments.....do.....	30,934.4	134,062.8	2,947.0	2,732.0	3,133.5	3,045.6	12,056.7	2,144.7	3,366.7	3,506.9	3,543.3	3,099.9	2,997.9	3,165.4	3,112.7	-----
Seasonally adjusted.....do.....			3,211.1	2,631.1	2,972.3	2,977.4	12,093.3	2,296.7	3,196.0	3,354.7	3,291.8	3,212.8	3,171.5	3,385.1	3,325.9	-----
By geographic regions:																
Africa.....do.....	1,182.3	1,269.5	115.8	94.2	109.6	94.6	142.2	48.7	126.4	145.8	144.7	125.5	131.2	130.4	109.4	-----
Asia.....do.....	7,146.3	7,579.6	628.1	543.4	690.0	702.8	1,410.9	400.4	718.5	804.4	767.9	710.0	691.7	738.0	717.3	-----
Australia and Oceania.....do.....	1,017.4	1,025.9	98.6	80.8	78.5	77.2	152.3	36.8	93.2	122.7	90.0	67.5	78.4	96.6	77.1	-----
Europe.....do.....	10,297.7	11,151.3	1,011.6	879.9	1,016.0	996.5	1,657.7	702.8	1,182.3	1,179.7	1,237.3	991.4	999.2	1,110.7	1,015.3	-----
Northern North America.....do.....	7,165.9	8,059.8	661.2	769.5	791.5	702.3	1,687.6	687.3	788.9	794.3	836.3	788.3	655.2	661.3	801.6	-----
Southern North America.....do.....	2,362.7	2,585.0	213.0	211.7	221.3	236.1	1,158.9	179.2	243.0	243.9	247.2	226.7	228.7	227.3	224.5	-----
South America.....do.....	2,354.0	2,742.2	256.4	184.0	277.4	265.5	1,101.8	123.8	265.7	275.1	271.4	260.6	261.2	263.0	240.9	-----
By leading countries:																
Africa:																
United Arab Republic (Egypt).....do.....	66.0	48.4	3.3	11.1	3.1	3.9	1.4	1.0	3.5	8.3	5.3	13.9	7.0	5.2	4.2	-----
Republic of South Africa.....do.....	426.4	455.2	36.3	36.3	43.1	32.9	119.9	24.0	49.1	52.7	43.8	40.4	44.0	51.4	38.2	-----
Asia; Australia and Oceania:																
Australia, including New Guinea.....do.....	895.4	874.9	79.3	67.3	66.9	66.4	147.2	29.9	86.5	107.6	76.8	58.0	67.4	77.4	64.7	-----
India.....do.....	955.4	717.6	40.6	33.9	51.0	62.7	118.7	11.7	48.9	57.5	60.3	69.5	77.8	46.2	31.6	-----
Pakistan.....do.....	347.3	301.9	29.1	28.5	33.2	28.6	18.6	3.8	19.4	17.9	13.2	16.2	12.9	13.4	16.5	-----
Malaysia.....do.....	49.2	53.6	3.9	3.7	3.8	4.2	1.8	1.9	4.1	6.1	3.9	4.7	3.9	4.1	5.8	-----
Indonesia.....do.....	68.4	169.2	12.5	12.6	23.3	23.5	18.7	4.6	10.0	16.8	19.6	20.6	16.7	16.3	15.1	-----
Philippines.....do.....	430.4	436.3	40.5	24.3	32.3	28.8	120.6	22.9	45.6	41.7	39.3	31.3	30.1	32.1	23.7	-----
Japan.....do.....	2,695.0	2,949.8	249.9	223.7	276.7	274.9	1,193.2	211.7	285.7	300.0	293.1	264.4	274.0	329.8	304.4	-----
Europe:																
France.....do.....	1,024.5	1,077.7	84.7	79.6	102.2	95.7	158.5	76.7	123.9	124.6	124.6	90.1	94.9	96.7	88.0	-----
East Germany.....do.....	26.3	29.2	2.9	1.3	3.4	4.0	1.2	1.2	2.5	2.1	2.1	1.4	3.7	4	1.8	-----
West Germany.....do.....	1,705.7	1,711.8	158.5	133.1	142.3	160.0	191.2	101.5	178.5	182.2	243.5	159.8	169.1	169.7	224.3	-----
Italy.....do.....	972.8	1,119.6	88.2	96.6	93.4	100.6	158.0	78.3	114.1	103.7	130.2	97.5	101.5	119.4	106.2	-----
Union of Soviet Socialist Republics.....do.....	60.3	57.5	2.2	2.4	6.9	6.0	4.1	5.5	10.0	8.4	10.8	7.5	5.8	14.5	9.0	-----
United Kingdom.....do.....	1,959.6	2,179.7	201.3	204.9	223.6	186.0	162.3	125.3	228.3	208.8	231.5	197.7	163.6	203.4	184.1	-----
North and South America:																
Canada.....mil. \$.	7,164.7	8,058.3	661.2	769.4	791.5	702.3	1,687.6	687.3	788.8	794.3	836.3	788.2	655.2	661.3	801.5	-----

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FOREIGN TRADE OF THE UNITED STATES—Continued																
FOREIGN TRADE—Continued																
Value—Continued																
Exports (mdse.), incl. reexports—Continued																
By leading countries—Continued																
North and South America—Continued																
Latin American Republics, total \varnothing mil. \$.	4,123.5	4,689.2	410.5	345.4	436.8	447.8	1,222.9	256.7	440.5	450.7	450.6	431.3	433.4	431.2	409.1	.....
Argentina.....do.....	230.1	281.4	30.7	18.6	41.3	35.7	111.8	17.8	40.1	34.1	33.0	30.3	32.2	34.4	36.2	.....
Brazil.....do.....	547.2	708.6	65.0	40.3	87.0	71.0	122.6	26.5	66.3	67.8	62.0	66.9	76.0	58.1	55.6	.....
Chile.....do.....	248.1	307.1	32.4	17.7	24.7	29.4	19.3	8.8	32.9	28.1	26.9	25.2	29.6	37.4	30.8	.....
Colombia.....do.....	217.9	319.1	22.8	26.8	29.7	25.3	10.0	10.8	23.0	33.3	32.3	30.7	22.4	27.1	25.6	.....
Mexico.....do.....	1,221.6	1,364.6	97.9	118.3	112.5	127.9	101.8	102.5	120.7	117.8	120.6	117.2	119.0	116.0	114.6	.....
Venezuela.....do.....	587.2	655.0	63.5	53.5	60.7	63.9	136.2	39.1	62.0	68.7	73.2	66.5	61.7	65.6	57.7	.....
Exports of U.S. merchandise, total.....do.....	31,142.1	34,199.0	2,955.6	2,734.1	3,158.9	3,056.3	12,071.5	2,146.8	3,372.8	3,516.6	3,550.2	3,122.6	3,003.2	3,174.3	3,142.7	.....
Excluding military grant-aid.....do.....	30,550.2	33,626.0	2,912.4	2,685.6	3,099.0	3,007.2	12,016.8	2,112.4	3,321.5	3,457.6	3,498.6	3,052.4	2,955.5	3,112.5	3,069.4	.....
Agricultural products, total.....do.....	6,379.8	6,228.0	469.7	463.9	609.5	610.8	177.7	239.6	516.9	601.9	583.7	512.3	499.8	438.4	471.5	.....
Nonagricultural products, total.....do.....	24,762.3	27,753.7	2,481.1	2,253.9	2,541.0	2,445.3	11,893.8	1,907.2	2,855.9	2,914.7	2,966.5	2,610.2	2,503.4	2,735.9	2,671.3	.....
By commodity groups and principal commodities:																
Food and live animals \varnothing mil. \$.	4,060.9	3,889.6	289.4	278.2	336.3	366.3	129.5	168.2	322.9	350.4	362.8	354.1	333.0	312.9	318.0	.....
Meats and preparations (incl. poultry).....do.....	151.3	161.6	16.6	15.4	21.6	16.9	10.8	12.2	18.3	17.3	15.8	15.9	13.8	16.4	.....
Grains and cereal preparations.....do.....	2,677.9	2,463.1	167.0	150.4	200.4	237.8	53.0	81.1	174.8	204.7	214.5	209.5	211.1	181.9	182.8	.....
Beverages and tobacco.....do.....	648.7	702.5	88.1	45.6	82.5	76.1	13.5	12.6	52.2	45.5	74.1	69.7	53.2	57.5	73.6	.....
Crude materials, inedible, exc. fuels \varnothingdo.....	3,279.7	3,540.7	268.8	286.0	352.7	325.4	1139.1	176.8	298.7	384.4	343.1	262.9	301.0	292.4	274.4
Cotton, raw, excl. linters and waste.....do.....	463.8	459.4	30.5	17.9	22.2	33.2	7.2	6.5	14.8	64.1	41.3	23.2	36.1	17.3	16.2	.....
Soybeans, exc. canned or prepared.....do.....	771.6	810.0	38.4	88.2	132.3	101.9	2.9	31.3	100.0	94.0	63.1	37.0	49.2	33.2	35.3	.....
Metal ores, concentrates, and scrap.....do.....	519.5	1,539.2	51.2	39.4	50.6	38.5	125.6	30.3	40.8	61.0	66.9	64.2	71.7	86.3	75.3	.....
Mineral fuels, lubricants, etc. \varnothingdo.....	1,104.1	1,049.9	106.0	77.6	91.8	90.0	73.8	61.3	76.1	95.0	110.6	107.8	93.8	105.4	98.4
Coal and related products.....do.....	501.4	523.9	54.3	38.4	46.8	46.5	42.4	34.0	33.5	49.1	64.3	62.3	56.1	55.7	54.0	.....
Petroleum and products.....do.....	538.6	460.0	46.8	34.4	39.7	40.1	25.5	23.4	33.7	40.3	42.3	41.3	34.0	44.0	39.7	.....
Animal and vegetable oils, fats, waxes.....do.....	337.9	274.4	25.0	21.1	20.1	28.5	14.0	15.3	22.2	31.5	25.4	28.9	27.1	20.5	24.6	.....
Chemicals.....do.....	2,801.6	3,287.0	334.9	246.6	272.8	276.7	166.6	181.8	300.5	331.0	335.9	286.7	298.5	310.3	282.6	.....
Manufactured goods \varnothingdo.....	3,391.1	3,939.4	394.1	329.5	358.7	346.7	1,214.9	243.9	409.4	406.2	430.1	375.2	374.8	410.9	395.9
Textiles.....do.....	530.9	522.3	51.1	39.1	46.0	42.4	24.0	30.5	60.0	54.3	56.2	47.2	43.9	51.6	47.1	.....
Iron and steel.....do.....	561.9	610.2	63.3	55.7	65.1	66.9	34.7	38.1	78.3	78.4	81.0	72.5	81.8	85.2	84.5	.....
Nonferrous base metals.....do.....	516.8	1,600.8	72.0	55.1	62.4	54.6	134.8	36.6	58.8	63.6	57.8	62.2	62.2	66.3	68.6	.....
Machinery and transport equipment, total mil. \$.	12,574.1	14,447.4	1,196.1	1,178.2	1,382.3	1,275.1	1,095.6	1,071.2	1,539.6	1,572.9	1,557.4	1,326.0	1,244.5	1,332.3	1,334.1	.....
Machinery, total \varnothingdo.....	8,050.6	8,606.4	734.3	703.8	761.8	718.5	554.4	590.3	943.1	931.2	941.8	815.1	805.6	847.5	808.8
Agricultural.....do.....	614.7	626.7	51.8	49.8	54.3	55.3	35.7	45.0	63.6	70.7	70.0	59.1	55.3	46.7	47.3	.....
Metalworking.....do.....	338.9	333.8	23.6	22.0	24.0	21.8	16.3	16.2	38.3	28.7	32.3	29.1	26.3	28.1	28.5	.....
Construction, excav. and mining.....do.....	1,038.1	1,099.1	98.2	83.8	97.2	94.2	57.2	67.6	110.9	120.6	117.5	105.8	116.4	106.7	102.4	.....
Electrical.....do.....	2,098.2	2,284.0	194.2	199.7	199.1	194.4	165.2	168.7	249.2	238.8	261.2	215.5	213.5	238.3	229.6	.....
Transport equipment, total.....do.....	4,523.5	5,850.1	465.5	475.3	621.9	558.0	541.2	481.0	596.5	641.6	615.6	511.0	438.9	484.8	525.3	.....
Motor vehicles and parts.....do.....	2,733.9	3,372.3	284.7	307.1	353.0	318.8	284.7	264.1	351.4	345.9	357.3	317.4	235.0	245.4	352.2	.....
Miscellaneous manufactured articles.....do.....	1,985.4	2,144.2	181.9	183.5	192.5	174.1	149.5	159.6	241.2	224.0	223.2	195.7	197.3	222.6	209.3	.....
Commodities not classified.....do.....	958.8	924.0	71.3	87.8	69.2	97.3	75.0	56.1	110.0	75.7	87.5	115.6	80.2	109.5	131.7	.....
General imports, total.....do.....	26,812.3	33,226.3	2,879.6	2,935.5	2,803.8	3,010.2	12,025.9	2,401.4	2,993.0	3,334.3	3,236.5	3,216.2	3,153.9	2,909.6	3,131.7	.....
Seasonally adjusted.....do.....	.....	.....	2,950.6	2,736.0	2,883.0	2,907.6	12,018.1	2,655.3	2,980.7	3,177.2	3,276.1	3,187.5	3,066.3	3,180.2	3,055.0	.....
By geographic regions:																
Africa.....do.....	906.1	1,120.9	98.8	76.4	83.1	93.8	139.7	74.0	100.4	107.3	96.1	80.7	90.1	69.4	82.0	.....
Asia.....do.....	5,347.9	6,913.5	653.1	630.4	604.1	616.6	1,405.8	532.4	675.7	770.0	720.5	726.1	770.1	774.7	763.4	.....
Australia and Oceania.....do.....	581.5	693.5	67.1	72.3	65.9	35.6	128.9	29.9	83.2	80.6	62.1	66.6	81.7	106.8	79.6	.....
Europe.....do.....	8,227.5	10,331.6	884.9	836.7	863.1	917.3	1,443.4	603.2	833.2	1,020.6	1,036.4	977.3	991.9	846.4	873.7	.....
Northern North America.....do.....	7,112.3	8,929.3	728.6	905.8	791.4	870.3	1,776.7	776.0	844.4	882.0	878.7	913.7	778.0	714.9	904.8	.....
Southern North America.....do.....	1,967.8	2,234.7	175.0	172.2	171.3	201.8	192.1	191.0	226.7	235.2	231.9	218.8	206.0	184.2	183.6	.....
South America.....do.....	2,661.1	2,880.2	260.7	229.4	215.2	280.4	1138.1	193.5	227.9	236.6	208.9	232.6	235.4	212.6	243.9	.....
By leading countries:																
Africa:																
United Arab Republic (Egypt).....do.....	14.9	32.8	3.3	2.7	2.7	3.4	12.5	2.8	4.4	4.5	2.5	2.5	3.2	1.4	3.6	.....
Republic of South Africa.....do.....	225.9	253.1	16.0	17.6	17.6	22.2	10.8	14.3	25.9	19.8	24.4	21.3	19.4	17.9	24.3	.....
Asia; Australia and Oceania:																
Australia, including New Guinea.....do.....	411.8	492.0	42.3	50.2	52.9	24.7	122.5	24.4	59.5	46.4	43.2	46.9	60.0	83.9	54.6	.....
India.....do.....	293.7	312.2	31.1	25.5	27.0	25.2	11.0	22.7	46.2	36.8	28.9	27.6	30.7	32.1	30.2	.....
Pakistan.....do.....	54.8	63.9	7.6	4.5	4.9	7.4	2.0	4.6	11.4	6.8	5.3	6.1	6.5	7.5	5.1	.....
Malaysia.....do.....	195.6	240.1	30.0	21.0	22.3	22.5	17.3	28.3	27.0	31.6	26.0	22.2	22.9	24.0	27.8	.....
Indonesia.....do.....	181.9	174.5	18.5	12.8	14.9	16.5	10.6	16.0	16.3	20.4	16.1	14.8	18.0	16.1	15.3	.....
Philippines.....do.....	380.2	435.1	22.3	30.5	30.5	40.2	15.8	29.5	37.5	54.2	28.4	40.0	37.0	46.3	30.0	.....
Japan.....do.....	2,998.7	4,056.6	379.8	384.2	363.5	366.1	1,244.0	294.8	367.0	450.9	437.6	422.1	467.3	453.8	461.8	.....
Europe:																
France.....do.....	690.2	842.2	69.6	61.6	65.6	82.5	136.5	47.9	64.2	86.6	82.6	82.3	85.5	76.8	66.1	.....
East Germany.....do.....	5.6	5.9	.6	.6	.5	.7	1.5	.4	1.0	.7	.6	.8	.7	.6	.6	.....
West Germany.....do.....	1,956.4	2,720.2	226.4	230.3	231.3	229.1	1,105.8	142.2	207.2	263.0	247.0	240.4	261.9	217.7	209.5	.....
Italy.....do.....	855.6	1,102.0	86.7	94.2	95.4	98.8	153.7	71.5	85.4	125.8	124.2	113.7	117.3	112.7	103.3	.....
Union of Soviet Socialist Republics.....do.....	41.0	58.0	2.3	7.4	1.8	3.5	14.6	2.5	4.6	5.6	3.1</					

Unless otherwise stated, statistics through 1968 and descriptive notes are shown in the edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FOREIGN TRADE OF THE UNITED STATES—Continued

FOREIGN TRADE—Continued																
Value—Continued																
General imports—Continued																
By commodity groups and principal commodities:																
Agricultural products, total.....mil. \$	4,471.7	5,057.2	455.0	385.7	422.3	439.5	172.1	312.1	492.6	499.0	453.0	441.1	437.8	399.0	394.5	
Nonagricultural products, total.....do.	22,340.6	28,056.8	2,414.3	2,538.4	2,372.8	2,577.9	1,853.8	2,089.3	2,500.4	2,835.3	2,783.5	2,775.1	2716.1	2,510.6	2,737.2	
Food and live animals \varnothingdo.	4,003.2	4,577.3	408.9	368.2	396.8	396.6	169.8	287.1	439.0	438.4	396.7	398.9	414.4	363.7	368.6	
Cocoa or cacao beans.....do.	147.2	136.0	7.5	6.6	6.3	12.2	1.4	15.3	20.5	10.4	14.1	11.9	18.6	15.4	5.5	
Coffee.....do.	902.7	1,139.7	103.1	74.5	95.7	87.4	16.1	49.0	89.1	95.8	71.6	75.4	72.0	62.0	75.3	
Meats and preparations.....do.	645.0	746.5	83.1	69.5	72.5	49.3	29.2	45.4	96.4	74.7	67.1	70.4	84.4	94.4	91.0	
Sugar.....do.	588.4	640.1	55.8	60.4	43.7	56.9	6.3	34.7	50.9	66.2	58.6	73.0	78.0	56.5	44.7	
Beverages and tobacco.....do.	698.1	786.3	80.1	67.2	61.8	77.5	24.6	28.6	63.8	68.1	89.1	86.8	62.8	54.1	67.1	
Crude materials, inedible, exc. fuels \varnothingdo.	2,964.4	3,345.7	306.7	299.4	267.7	294.2	1,202.0	232.3	307.4	337.5	303.8	293.7	294.1	290.8	288.8	
Metal ores.....do.	974.3	958.4	99.4	85.9	75.6	75.9	157.8	51.1	63.0	81.7	90.0	83.0	93.6	91.6	92.2	
Paper base stocks.....do.	418.3	454.8	34.2	40.4	37.4	43.1	36.7	40.7	39.8	44.7	39.8	45.3	43.8	40.3	42.7	
Textile fibers.....do.	305.6	338.4	28.5	22.2	25.2	25.9	9.0	12.2	28.8	36.0	29.6	25.3	22.3	23.8	16.8	
Rubber.....do.	174.5	191.8	23.4	14.0	16.5	19.9	10.7	20.7	25.4	23.2	22.6	23.1	19.4	28.9	25.2	
Mineral fuels, lubricants, etc.....do.	2,247.8	2,526.7	220.7	226.6	193.1	234.0	249.1	231.5	226.4	240.7	219.4	212.6	221.3	227.6	229.2	
Petroleum and products.....do.	2,086.1	2,345.1	205.8	212.0	179.1	220.7	235.2	209.0	208.6	224.1	198.7	196.3	202.5	205.0	212.9	
Animal and vegetable oils and fats.....do.	122.0	157.8	14.8	12.7	10.3	16.6	6.1	12.5	11.7	11.2	13.6	8.6	11.0	10.2	10.2	
Chemicals.....do.	958.0	1,129.1	94.7	88.6	94.0	101.7	70.3	81.8	111.3	124.9	108.5	114.5	102.1	99.2	99.7	
Manufactured goods \varnothingdo.	6,384.3	8,162.4	672.6	655.1	636.5	667.3	1,398.6	533.1	653.1	784.2	761.5	726.0	728.7	646.1	707.5	
Iron and steel.....do.	1,373.1	2,046.4	189.2	170.1	177.7	165.9	64.6	72.8	119.2	187.3	208.6	180.8	179.1	160.3	176.6	
Newsprint.....do.	864.7	862.8	60.5	75.7	69.0	84.8	67.7	71.0	74.4	78.5	74.0	83.3	81.3	74.5	82.6	
Nonferrous metals.....do.	1,562.5	1,933.2	134.2	120.9	110.7	121.0	179.5	137.6	135.9	159.0	138.7	136.5	129.7	116.8	134.0	
Textiles.....do.	808.0	962.6	90.1	81.9	77.4	75.8	45.3	69.2	112.9	107.0	91.5	88.2	86.6	93.4	87.2	
Machinery and transport equipment.....do.	5,793.4	7,986.9	663.2	785.9	744.4	806.4	612.3	655.9	766.1	872.0	895.9	889.9	789.7	716.9	845.6	
Machinery, total \varnothingdo.	3,024.4	3,692.6	322.9	351.8	325.0	356.7	255.5	291.8	351.2	407.1	398.9	401.8	391.0	388.2	394.9	
Metalworking.....do.	203.4	203.9	17.6	17.0	11.3	17.4	8.4	10.2	17.4	18.7	19.8	17.0	15.8	16.4	16.9	
Electrical.....do.	1,135.5	1,494.9	140.9	160.4	145.5	151.4	118.6	127.4	137.2	159.1	157.8	161.7	171.0	174.0	179.3	
Transport equipment.....do.	2,769.1	4,298.5	340.3	436.6	419.4	451.4	356.8	364.1	414.9	464.9	497.0	488.1	398.7	328.6	450.7	
Automobiles and parts.....do.	2,266.1	3,711.6	302.6	370.9	384.4	397.9	307.0	315.0	358.7	408.4	429.2	431.8	334.8	274.5	400.2	
Miscellaneous manufactured articles.....do.	2,576.2	3,346.1	312.1	325.3	291.7	301.6	204.4	252.1	316.1	348.3	335.6	365.9	409.7	392.7	393.4	
Commodities not classified.....do.	1,065.1	1,207.8	105.7	106.4	107.4	114.3	88.7	86.4	98.2	109.2	112.4	119.3	120.0	108.3	121.5	
Indexes																
Exports (U.S. mdse., excl. military grant-aid):																
Quantity.....1957-59=100	160	173	170			179			150			202			182	
Value.....do.	178	195	192			203			173			232			212	
Unit value.....do.	111	112	113			113			115			115			117	
General imports:																
Quantity.....do.	184	226	231			237			200			266			241	
Value.....do.	190	235	240			249			211			282			258	
Unit value.....do.	103	104	104			105			106			106			107	
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):																
Shipping weight.....thous. sh. tons	187,426	*194,482	17,531	15,454	17,764	18,116	9,964	9,440	14,081	17,422	19,349	18,093	18,014			
Value.....mil. \$	18,636	*19,359	1,790	1,405	1,762	1,666	580	739	1,787	2,000	2,032	1,733	1,738			
General imports:																
Shipping weight.....thous. sh. tons	256,814	*282,751	26,304	26,042	21,554	25,373	20,680	19,909	20,826	24,724	24,844	22,636	24,618			
Value.....mil. \$	17,434	*21,139	1,915	1,726	1,719	1,817	889	1,242	1,793	2,075	2,029	1,976	2,044			

TRANSPORTATION AND COMMUNICATION

TRANSPORTATION																
Air Carriers																
Scheduled domestic trunk carriers:																
Financial operations (qtrly. total):																
Operating revenues, total \varnothingmil. \$	4,470	5,091	1,359			1,281			1,295			1,460				
Transport, total \varnothingdo.	4,431	5,046	1,346			1,272			1,284							
Passenger.....do.	3,936	4,488	1,205			1,117			1,143							
Property.....do.	277	330	84			95			84							
U.S. mail (excl. subsidy).....do.	104	129	30			37			32							
Operating expenses (incl. depreciation).....do.	4,059	4,770	1,232			1,260			1,282			1,345				
Net income (after taxes).....do.	234	126	60			-8			-15							
Operating results:																
Miles flown (revenue).....mil.	1,274.5	1,501.7	127.5	132.1	125.0	132.4	132.4	119.4	125.2	137.1	*140.9	140.6	147.0	147.2		
Express and freight ton-miles flown.....do.	1,285.9	1,540.1	134.8	154.3	143.5	136.2	130.9	119.2	132.3	141.8	155.3	143.0	139.7	147.4		
Mail ton-miles flown.....do.	392.5	544.0	41.1	48.4	50.6	61.7	46.6	43.1	48.7	49.1	48.6	44.6	45.3	46.0		
Passengers originated (revenue).....do.	99.3	111.2	8.9	9.2	8.5	9.9	9.3	8.3	9.6	10.1	*9.8	10.9	10.8	11.7		
Passenger-miles flown (revenue).....bil.	71.3	82.0	6.6	6.5	6.0	7.6	7.0	6.0	7.1	7.4	7.2	8.4	8.5	9.4		
Express Operations (qtrly.)																
Transportation revenues.....mil. \$	423.1	381.5	93.8			98.5			84.1			87.6				
Express privilege payments.....do.	104.0	86.2	21.4			22.5			20.9			19.4				
Local Transit Lines																
Fares, average cash rate.....cents.	22.7	23.6	23.8	23.8	23.8	23.9	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.3	24.3	
Passengers carried (revenue).....mil.	6,616	6,491	520	574	534	527	538	498	553	564	564	512	489	475	522	
Motor Carriers (Intercity)																
Carriers of property, class I (qtrly. total):																
Number of reporting carriers.....do.	1,249	1,249	1,262			1,249			1,326							
Operating revenues, total.....mil. \$	8,329	9,523	2,457			2,573			2,455							
Expenses, total.....do.	8,012	9,047	2,313			2,467			2,366							
Freight carried (revenue).....mil. tons	478	523	134			138			138							

* Revised. \varnothing Preliminary. ¹ See note 1, p. S-21. ² Number of carriers filing complete reports for the year. ³ As compiled by the Air Transport Association of America from carrier reports to the CAB. ⁴ Excludes excess baggage revenues. ⁵ Revised to include trade in silver ore and bullion formerly reported separately; quarterly data do not

reflect this change. ⁶ For domestic trunks only; excludes intra-Hawaiian and intra-Alaskan operations (included for other periods). ⁷ Includes data not shown separately.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TRANSPORTATION AND COMMUNICATION—Continued																
TRANSPORTATION—Continued																
Motor Carriers (Intercity)—Continued																
Freight carried, volume indexes, class I and II (ATA):																
Common and contract carriers of property (qtrly.).....average same period, 1957-59=100	160.2	175.2	174.3			166.6			177.5							
Common carriers of general freight, seas. adj. 1957-59=100	152.8	165.7	166.4	169.5	165.3	166.4	169.0	172.4	171.0	171.9	173.8	173.3	177.8			
Carriers of passengers, class I (qtrly.):																
Number of reporting carriers.....	1 159	1 159	163			159		8 72	7 72							
Operating revenues, total.....mil. \$	660.2	685.7	210.3			164.1		8 131.1	7 136.0							
Expenses, total.....do.	582.7	604.8	166.4			150.1		8 129.6	7 133.9							
Passengers carried (revenue).....mil.	220.6	217.4	60.1			52.5		8 41.8	7 39.1							
Class I Railroads																
Financial operations (qtrly.):																
Operating revenues, total q.....mil. \$	10,377	10,855	2,707			2,781			2,741			2,916			2 2,836	
Freight.....do.	9,141	9,750	2,419			2,500			2,481			2,636				
Passenger.....do.	485	444	122			106			103			111				
Operating expenses.....do.	8,211	8,579	2,173			2,196			2,175			2,249			2 2,274	
Tax accruals and rents.....do.	1,488	1,596	394			401			423			455			2 423	
Net railway operating income.....do.	678	680	140			183			142			212			2 140	
Net income (after taxes).....do.	4 319	5 568	108			174			98			173			2 106	
Operating results:																
Ton-miles of freight (net), revenue and nonrevenue (qtrly.).....bil.	731.6	5 759.1	187.0			192.4			187.4			200.2				
Revenue ton-miles.....do.	5 719.4	5 744.5	183.6			188.0			184.6			196.5	2 53.7	2 75.2	2 60.3	2 64.0
Revenue per ton-mile (qtrly. avg.).....cents.	1.269	1.310	1.317			1.330			1.344			1.341				
Passengers (revenue) carried 1 mile (qtrly.).....mil.	15,201	13,120	3,696			3,006			2,851			3,090				
Travel																
Hotels:																
Average sale per occupied room.....dollars	10.59	11.35	11.85	12.31	12.03	10.70	11.80	11.80	11.32	12.80	12.03	12.90	11.59	13.09	13.04	
Rooms occupied.....% of total	61	61	63	72	57	47	56	62	63	64	63	61	57	60	60	
Restaurant sales index.....same mo. 1951=100	115	118	122	118	110	113	106	119	128	122	138	126	119	118	122	
Foreign travel:																
U.S. citizens: Arrivals.....thous.	4,387	5,021	485	371	314	339	391	353	426	460	455	523	671	868		
Departures.....do.	4,334	4,820	367	310	294	354	354	363	424	427	478	695	772	636		
Allies: Arrivals.....do.	2,773	3,084	352	272	218	236	251	203	252	264	306	304	403	415		
Departures.....do.	2,358	2,613	264	250	200	238	179	157	198	212	251	287	315	354		
Passports issued and renewed.....do.	1,686	1,748	6 93	83	67	75	104	122	167	229	229	267	194	137	107	94
National parks, visits.....do.	39,538	42,392	4,176	2,725	1,412	904	788	858	1,277	1,906	2,976	6,176				
Fullman Co. (qtrly.):																
Passenger-miles (revenue).....mil.	1,434	1,002	279			207										
Passenger revenues.....mil. \$	24.57	16.91	4.62			3.57										
COMMUNICATION (QTRLY.)																
Telephone carriers:																
Operating revenues q.....mil. \$	13,847	15,068	3,796			3,938			4,022			4,133				
Station revenues.....do.	7,090	7,578	1,895			1,960			1,993			2,038				
Tolls, message.....do.	5,170	5,693	1,447			1,499			1,538			1,607				
Operating expenses (excluding taxes).....do.	8,319	9,020	2,275			2,397			2,404			2,512				
Net operating income (after taxes).....do.	2,458	2,553	643			664			674			700				
Phones in service, end of period.....mil.	90.2	95.1	93.6			95.1			96.4			97.4				
Telegraph carriers:																
Domestic:																
Operating revenues.....mil. \$	335.0	358.2	89.3			91.9			93.5			97.8				
Operating expenses.....do.	291.9	309.5	79.7			77.6			78.2			82.7				
Net operating revenues (before income taxes).....mil. \$	24.2	29.6	5.4			10.6			9.7			9.7				
International:																
Operating revenues.....do.	132.3	153.4	39.0			41.7			41.3			44.7				
Operating expenses.....do.	101.4	116.1	29.1			32.3			30.4			32.5				
Net operating revenues (before income taxes).....mil. \$	26.2	30.6	8.2			7.4			9.0			10.4				

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic chemicals, production:																
Acetylene.....mil. cu. ft.	14,269	14,877	1,174	1,275	1,208	1,263	1,272	1,151	1,249	1,160	1,187	1,131	1,153	1,140	1,021.2	
Ammonia, synthetic anhydrous.....thous. sh. tons.	12,200.2	12,093.0	949.0	951.2	942.0	986.3	887.0	991.2	1,050.2	1,083.3	1,136.8	1,140.9	1,092.8	1,007.1	1,021.2	
Carbon dioxide, liquid, gas, and solid.....do.	1,085.3	1,047.8	92.5	88.8	91.7	85.2	80.0	76.6	86.5	85.2	91.6	98.6	111.1	108.7		
Chlorine, gas (100% Cl ₂).....do.	7,679.9	8,428.4	701.2	735.4	722.5	766.1	731.8	711.3	768.7	776.5	807.4	783.0	803.4	818.3		
Hydrochloric acid (100% HCl).....do.	1,625.1	1,735.3	149.9	157.9	156.2	150.3	149.4	147.7	163.8	156.7	159.8	164.0	155.1	153.7		
Nitric acid (100% HNO ₃).....do.	6,264.6	6,134.9	488.6	496.1	487.0	550.2	500.9	503.5	572.8	541.8	549.5	495.9	464.5	479.6	495.3	
Oxygen (high purity).....mil. cu. ft.	243,401	248,250	18,297	19,345	20,291	21,316	21,667	20,827	23,030	22,808	23,582	21,263	21,952	22,732		
Phosphoric acid (100% P ₂ O ₅).....thous. sh. tons.	5,188.9	4,926.2	406.9	415.7	403.1	410.9	394.0	380.5	420.1	450.1	447.8	393.0	345.1	379.7	403.9	
Sodium carbonate (soda ash), synthetic (58% Na ₂ O).....thous. sh. tons.	4,848.9	4,552.6	363.2	402.1	363.6	396.6	333.1	335.5	385.1	370.2	383.3	392.5	379.6	374.9		
Sodium bichromate and chromate.....do.	135.3	145.1	11.7	12.4	12.0	13.7	11.3	11.1	13.1	13.3	12.1	12.9	12.0	12.4		
Sodium hydroxide (100% NaOH).....do.	7,923.7	8,799.4	736.4	777.2	766.7	792.6	760.2	721.9	770.8	815.5	811.5	797.8	803.4	825.8		
Sodium silicate, anhydrous.....thous. sh. tons.	612.6	632.2	47.8	62.2	63.8	61.2	46.5	46.3	56.6	62.7	62.8	52.5	41.9	50.5		
Sodium sulfate, anhydrous.....thous. sh. tons.	1,364.0	1,471.7	121.7	129.0	120.7	125.3	130.2	117.8	134.1	133.0	124.2	116.2	112.6	113.2		
Sulfuric acid (100% H ₂ SO ₄).....do.	28,815.2	28,382.5	2,294.6	2,365.0	2,357.0	2,524.4	2,317.0	2,238.9	2,405.8	2,509.7	2,559.1	2,337.5	2,178.3	2,252.5	2,273.7	

¹ Revised. ² Preliminary. ³ Number of carriers filing complete reports for the year.
⁴ Preliminary estimate by Association of American Railroads. ⁵ Data cover 5 weeks; other months, 4 weeks. ⁶ Reflects adjustment for extraordinary items.
⁷ Annual total reflects revisions not distributed to the monthly or quarterly data. ⁸ Effective Aug. 26, 1968, passports are issued for 5 years; no renewals are made.

⁹ Beginning with 1st quarter 1969 reporting period, motor carriers are designated class 1 if they have gross operating revenues of \$1 million or over, annually; prior to 1969, class 1 carriers were those having annual operating revenues of \$200,000 or over. ¹⁰ For 1st quarter 1968 comparable with data for 1st quarter 1969.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

CHEMICALS AND ALLIED PRODUCTS—Continued

CHEMICALS—Continued																
Organic chemicals, production: ♂																
Acetic anhydride.....mil. lb.	1,556.4	1,651.6	142.5	137.1	139.0	152.9	141.7	140.4	145.2	147.9	147.9	143.5	140.9	144.4	-----	-----
Acetylsalicylic acid (aspirin).....do.	30.5	31.2	2.6	3.1	3.0	2.8	3.5	3.1	3.4	3.5	3.6	3.6	3.2	3.0	-----	-----
Creosote oil.....mil. gal.	1,108.8	111.4	9.3	10.5	8.8	10.6	10.7	8.8	8.9	10.3	9.6	9.9	10.2	9.0	-----	-----
DDT.....mil. lb.	102.8	138.0	10.7	-----	-----	-----	13.1	13.0	10.5	12.4	10.3	8.0	10.3	10.2	-----	-----
Ethyl acetate (85%).....do.	138.9	1,182.0	14.5	18.8	11.8	16.0	12.3	8.9	18.9	11.0	13.3	15.8	12.7	11.4	-----	-----
Formaldehyde (37% HCHO).....do.	3,986.2	14,099.6	332.4	364.6	330.8	350.5	321.1	323.2	356.1	349.9	371.3	355.7	320.4	347.6	-----	-----
Glycerin, refined, all grades:																
Production.....do.	353.8	347.0	28.7	27.0	26.8	30.1	28.4	31.0	27.8	29.4	22.2	28.2	28.9	26.5	30.3	-----
Stocks, end of period.....do.	32.6	29.5	28.4	28.1	26.8	29.5	30.4	31.8	34.4	31.9	29.0	26.9	28.8	32.4	31.6	-----
Methanol, synthetic.....mil. gal.	1,520.2	580.2	47.5	50.5	49.4	55.6	51.4	46.5	50.3	51.3	51.0	51.3	51.2	51.7	-----	-----
Phthalic anhydride.....mil. lb.	715.3	1,748.3	59.1	66.2	62.5	67.9	59.8	56.9	64.2	70.6	69.8	72.7	65.8	58.6	-----	-----
ALCOHOL																
Ethyl alcohol and spirits:																
Production.....mil. tax gal.	685.1	708.1	60.0	70.8	60.3	66.2	67.5	64.4	65.3	56.4	59.3	58.1	61.9	62.8	-----	-----
Stocks, end of period.....do.	218.4	189.2	201.4	199.5	187.8	189.2	195.5	196.8	192.4	188.5	183.8	181.6	177.0	178.2	-----	-----
Used for denaturation.....do.	556.1	564.4	47.0	51.7	47.1	50.6	57.1	52.7	57.8	46.9	51.2	50.2	51.4	52.4	-----	-----
Taxable withdrawals.....do.	79.0	80.7	7.7	9.1	7.6	5.4	6.7	6.0	7.6	7.1	7.2	7.8	7.7	7.1	-----	-----
Denatured alcohol:																
Production.....mil. wine gal.	300.1	303.5	25.2	27.6	25.3	27.2	30.7	28.3	31.0	25.3	27.5	26.8	27.6	28.1	-----	-----
Consumption (withdrawals).....do.	298.6	305.6	25.7	27.0	26.0	27.2	30.3	27.7	30.2	26.0	27.8	28.2	27.3	27.9	-----	-----
Stocks, end of period.....do.	4.9	2.7	2.7	3.4	2.6	2.7	3.1	3.7	4.5	3.9	3.5	2.1	2.4	2.7	-----	-----
FERTILIZERS																
Exports, total ♀																
Nitrogenous materials.....thous. sh. tons.	15,294	18,956	1,658	1,902	1,544	1,883	961	979	1,304	1,718	1,674	1,750	1,586	1,580	1,302	-----
Phosphate materials.....do.	1,629	2,607	242	347	317	296	27	56	142	162	261	141	210	368	125	-----
Potash materials.....do.	11,025	13,584	1,134	1,332	1,100	1,291	783	771	955	1,334	1,179	1,389	1,091	914	959	-----
Stocks, end of period.....do.	1,119	1,303	153	160	77	129	107	92	69	109	95	125	81	141	93	-----
Imports:																
Ammonium nitrate.....do.	177	227	13	14	12	20	19	20	24	45	29	13	12	9	16	-----
Ammonium sulfate.....do.	168	131	5	6	13	15	9	10	24	30	8	7	5	2	5	-----
Potassium chloride.....do.	2,711	3,557	260	275	254	261	236	268	354	433	396	176	156	235	328	-----
Sodium nitrate.....do.	218	205	(?)	(?)	2	32	0	11	13	19	22	11	38	15	14	-----
Potash deliveries (K ₂ O).....do.	4,034	4,170	329	372	273	280	336	353	560	579	540	195	108	214	-----	-----
Superphosphate and other phosphatic fertilizers (100% P₂O₅):																
Production.....thous. sh. tons.	4,695	4,149	351	358	331	340	360	351	381	395	398	339	277	316	351	-----
Stocks, end of period.....do.	726	535	524	525	516	535	572	590	502	369	358	411	406	444	-----	-----
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly:																
Black blasting powder.....mil. lb.	4	4	1	-----	-----	-----	1	-----	-----	1	-----	1	-----	-----	-----	-----
High explosives.....do.	1,708.5	1,581.7	428.8	-----	-----	-----	404.6	-----	-----	423.6	-----	492.2	-----	-----	496.6	-----
Paints, varnish, and lacquer, factory shipments:																
Total shipments.....mil. \$.	2,348.2	2,586.8	229.5	234.7	196.9	175.7	189.8	207.1	229.9	245.2	256.8	278.0	254.3	261.7	-----	-----
Trade products.....do.	1,329.5	1,427.5	127.6	119.5	92.7	83.0	86.2	106.1	118.8	131.9	143.6	163.0	145.2	149.3	-----	-----
Industrial finishes.....do.	1,018.7	1,159.3	101.9	115.2	104.2	92.7	103.6	101.0	111.1	113.3	113.3	115.1	109.1	112.4	-----	-----
Sulfur, native (Frasch) and recovered:																
Production.....thous. lg. tons.	1,828.4	1,817	744	756	759	767	744	676	744	710	723	715	681	655	-----	-----
Stocks (producers'), end of period.....do.	1,954	2,790	2,619	2,690	2,775	2,790	2,940	3,006	3,129	3,150	3,134	3,213	3,221	3,278	-----	-----
PLASTICS AND RESIN MATERIALS																
Production:																
Thermosetting resins:																
Alkyd resins.....mil. lb.	1,585.9	1,624.7	51.4	58.5	48.6	46.7	51.4	50.3	52.7	55.8	57.9	55.3	53.9	-----	-----	-----
Polyester resins.....do.	489.7	1,576.4	48.9	51.2	49.4	47.8	50.1	52.0	58.8	59.4	62.5	50.8	51.1	-----	-----	-----
Phenolic and other tar acid resins.....do.	1,953.7	1,038.4	91.4	101.5	90.6	82.5	87.8	88.9	96.5	96.2	97.8	95.9	81.3	-----	-----	-----
Urea and melamine resins.....do.	1,645.4	1,741.4	68.2	71.9	69.2	70.8	60.3	62.5	70.6	66.9	65.7	66.4	55.5	-----	-----	-----
Thermoplastic resins:																
Cellulose plastic materials.....do.	1,171.9	1,186.2	16.3	16.6	17.6	15.1	18.4	17.2	17.2	16.5	16.3	14.8	13.0	-----	-----	-----
Coumarone-indene and petroleum polymer resins.....mil. lb.	1,289.9	1,332.6	25.0	30.0	26.1	32.4	25.5	21.1	28.8	27.9	29.6	31.2	25.9	-----	-----	-----
Styrene-type materials (polystyrene).....do.	12,365.4	12,719.3	235.7	247.2	243.9	249.7	239.3	247.8	273.0	272.2	285.9	281.9	260.8	-----	-----	-----
Vinyl resins (resin content basis).....do.	12,599.4	12,944.8	254.8	261.5	261.0	251.3	254.0	246.6	281.5	270.4	287.4	284.1	262.3	-----	-----	-----
Polyethylene.....do.	3,761.9	14,539.1	383.7	399.7	414.3	422.7	392.8	412.2	433.4	437.1	441.9	435.8	450.1	-----	-----	-----

ELECTRIC POWER AND GAS

ELECTRIC POWER																
Production (utility and industrial), total †																
.....mil. kw.-hr.	1,317,301	1,436,029	116,082	119,676	118,040	128,431	131,591	117,665	126,035	117,115	123,232	129,765	143,951	142,630	-----	-----
Electric utilities, total.....do.																
By fuels.....do.	1,214,365	1,329,443	107,378	110,560	109,108	119,302	122,463	109,110	116,679	107,974	113,880	120,455	134,789	133,319	-----	-----
By waterpower.....do.	992,847	1,106,952	91,673	93,918	91,260	99,042	101,050	88,023	95,159	85,863	90,845	99,497	113,766	112,485	-----	-----
Privately and municipally owned util.....do.	221,518	222,491	15,706	16,642	17,848	20,259	21,413	21,087	21,519	22,111	23,035	20,957	21,023	20,834	-----	-----
Other producers (publicly owned).....do.	986,227	1,083,117	88,087	91,262	89,395	96,927	99,163	87,944	94,008	87,372	91,836	97,935	109,560	108,870	-----	-----
Industrial establishments, total.....do.	228,138	246,326	19,292	19,297	19,713	22,374	23,300	21,166	22,870	20,602	22,044	22,519	25,229	24,449	-----	-----
By fuels.....do.	102,935	106,586	8,704	9,116	8,932	9,129	9,128	8,554	9,356	9,141	9,352	9,310	9,162	9,311	-----	-----
By waterpower.....do.	99,505	103,203	8,485	8,868	8,669	8,860	8,860	8,290	9,063	8,842	9,044	9,020	8,896	9,050	-----	-----
By waterpower.....do.	3,430	3,383	219	248	263	269	267	265	293	300	308	289	266	261	-----	-----

♂ Revised. ♀ Corrected.
 † Revised annual total; revisions are not distributed to the monthly data.
 ‡ Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated. ¶ Includes data not shown separately.
 * Less than 500 short tons. † Less than 50 thousand pounds. ‡ Revised monthly data for 1966-Aug. 1968 will be shown later.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
ELECTRIC POWER AND GAS—Continued																
ELECTRIC POWER—Continued																
Sales to ultimate customers, total (EEI) mil. kw.-hr.	1,107,023	1,202,321	106,260	100,515	98,673	103,027	109,412	105,894	105,614	102,255	100,883	105,615	113,510	118,124		
Commercial and industrial:																
Small light and power§	242,492	265,151	24,832	22,762	21,510	21,742	22,533	22,009	21,852	21,502	22,016	24,145	26,473	27,370		
Large light and power§	486,043	518,834	44,166	44,678	44,115	44,146	44,410	43,557	44,988	45,344	46,251	47,157	46,547	48,022		
Railways and railroads	4,572	14,540	351	361	372	436	431	401	421	366	360	328	348	348		
Residential or domestic	331,525	367,692	32,967	28,687	28,704	32,608	37,778	35,650	34,244	31,057	28,231	29,859	35,934	38,103		
Street and highway lighting	9,863	110,302	842	903	941	997	995	925	905	850	816	794	809	821		
Other public authorities	29,426	132,162	2,772	2,737	2,696	2,830	2,953	3,048	2,891	2,823	2,859	2,976	3,016	3,073		
Interdepartmental	3,102	13,640	331	337	335	268	312	303	314	313	350	356	384	385		
Revenue from sales to ultimate customers (Edison Electric Institute) mil. \$	17,222.7	18,579.9	1,656.3	1,559.8	1,524.0	1,580.1	1,664.1	1,624.1	1,605.0	1,566.7	1,554.1	1,632.3	1,762.3	1,830.9		
GAS																
Manufactured and mixed gas:																
Customers, end of period, total ? thous.	666	580	574			580			581			576				
Residential	624	543	539			543			544			539				
Industrial and commercial	41	36	35			36			36			35				
Sales to consumers, total ? mil. therms.	1,437	1,461	163			362			607			325				
Residential	829	822	63			196			374			171				
Industrial and commercial	589	615	98			159			222			147				
Revenue from sales to consumers, total ? mil. \$	131.4	128.8	14.8			30.7			51.3			28.6				
Residential	84.5	81.2	7.7			19.0			34.1			17.4				
Industrial and commercial	45.3	45.7	7.0			11.2			16.3			10.7				
Natural gas:																
Customers, end of period, total ? thous.	39,034	39,894	38,962			39,894			39,974			39,846				
Residential	35,836	36,619	35,834			36,619			36,692			36,622				
Industrial and commercial	3,152	3,227	3,082			3,227			3,234			3,178				
Sales to consumers, total ? mil. therms.	133,424	144,258	26,950			36,586			50,357			35,251				
Residential	42,811	44,546	3,821			11,111			21,623			9,534				
Industrial and commercial	85,321	93,350	21,519			23,864			27,170			24,465				
Revenue from sales to consumers, total ? mil. \$	8,124.4	8,623.6	1,339.9			2,207.7			3,399.1			2,072.9				
Residential	4,294.9	4,450.3	502.2			1,126.8			2,002.6			1,014.0				
Industrial and commercial	3,637.9	3,949.3	787.5			1,021.2			1,331.5			1,013.8				

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production	116.55	122.41	9.86	10.10	8.46	8.90	8.99	8.82	10.98	11.43	11.28	10.17	13.09	11.98		
Taxable withdrawals	106.97	112.41	9.11	9.28	8.26	8.48	7.88	7.66	9.40	10.06	10.25	9.15	11.96	11.44		
Stocks, end of period	10.77	11.56	12.54	12.48	11.92	11.56	11.91	12.33	13.00	13.37	13.36	13.57	13.55	13.12		
Distilled spirits (total):																
Production	211.77	238.33	19.36	24.32	22.26	21.24	21.06	19.69	21.97	21.66	18.84	17.79	15.17	12.01		
Consumption, apparent, for beverage purposes																
mil. wine gal.	324.81	345.49	27.35	30.94	34.14	41.14	24.31	24.25	28.79	28.79	30.80	30.46	29.59	28.41		
Taxable withdrawals	148.20	147.59	14.29	15.75	12.85	11.47	11.31	10.87	13.99	13.35	12.93	14.51	14.31	13.90		
Stocks, end of period	904.58	956.44	940.45	944.52	950.02	956.44	962.90	968.43	973.27	978.71	981.91	984.51	983.82	979.91		
Imports	68.17	75.45	6.80	9.23	7.90	8.14	5.59	4.67	6.02	6.48	6.67	6.94	6.83	5.81	6.73	
Whisky:																
Production	153.78	178.05	13.28	17.66	16.41	15.24	17.01	16.10	17.10	17.25	14.37	12.07	10.65	7.71		
Taxable withdrawals	97.02	95.27	9.45	11.07	8.76	7.31	7.39	7.44	9.22	8.84	7.86	9.05	9.02	8.38		
Stocks, end of period	856.66	904.35	893.39	895.98	899.65	904.35	911.26	917.26	921.92	927.80	932.30	933.75	934.02	931.47		
Imports	59.70	66.50	5.92	8.13	7.00	7.29	4.87	4.16	5.37	5.51	5.75	6.03	6.02	5.10	5.89	
Rectified spirits and wines, production, total	108.26	110.55	10.43	12.85	10.40	8.53	8.67	8.26	10.39	9.74	9.95	11.00	10.38	9.09		
Whisky	67.31	66.71	6.37	8.26	6.73	4.87	4.84	5.17	6.17	5.60	5.49	6.57	6.52	5.27		
Wines and distilling materials:																
Effervescent wines:																
Production	10.19	12.17	1.95	1.07	1.16	1.26	1.13	1.12	1.23	1.17	1.04	1.25	.96	1.40		
Taxable withdrawals	8.75	10.29	1.06	1.28	1.26	1.27	.70	.56	1.05	.77	.87	1.12	.73	1.19		
Stocks, end of period	4.30	5.25	5.85	5.54	5.38	5.25	5.80	6.10	6.23	6.51	6.51	6.56	6.70	6.77		
Imports	1.92	2.23	.18	.26	.27	.22	.18	.10	.13	.18	.22	.24	.17	.14	.15	
Still wines:																
Production	217.46	221.55	72.54	93.68	20.75	5.51	3.63	2.93	3.75	2.92	2.48	2.49	1.99	8.03		
Taxable withdrawals	175.27	181.18	14.76	18.01	16.44	16.00	14.95	15.28	20.06	15.89	15.59	16.03	12.86	16.88		
Stocks, end of period	272.02	268.30	221.09	290.02	286.82	268.30	255.91	242.63	224.83	211.75	197.08	180.78	169.98	158.76		
Imports	17.46	19.98	2.22	1.78	1.54	1.68	.75	.84	1.19	1.91	2.34	2.31	2.01	1.71	1.75	
Distilling materials produced at wineries	362.71	367.65	125.32	126.37	28.99	16.92	7.15	4.11	4.69	2.16	3.00	2.13	2.74	19.67		
DAIRY PRODUCTS																
Butter, creamery:																
Production (factory)	1,224.9	1,164.8	69.1	78.3	78.4	93.4	106.6	95.7	104.7	109.6	116.1	111.1	93.5	77.2	67.6	
Stocks, cold storage, end of period	168.6	117.4	196.5	161.9	137.4	117.4	104.5	115.1	121.4	134.5	162.6	195.3	198.0	185.6	155.3	125.9
Price, wholesale, 92-score (N.Y.)	.675	.678	.691	.686	.680	.690	.674	.673	.673	.683	.684	.684	.688	.688	.704	
Cheese:																
Production (factory), total	1,918.8	1,943.9	145.8	146.7	135.0	145.8	147.4	139.7	163.2	174.2	197.6	201.8	181.0	170.0	156.4	
American, whole milk	1,276.3	1,276.3	93.3	89.7	81.1	86.3	90.7	87.3	101.3	113.2	135.6	140.6	124.1	111.8	98.4	
Stocks, cold storage, end of period	390.3	381.0	447.3	415.5	398.0	381.0	357.7	328.5	317.8	315.7	337.5	367.4	387.8	387.4	369.5	349.1
American, whole milk	344.0	318.7	376.0	346.4	334.5	318.7	296.4	271.1	263.0	259.5	280.7	308.3	327.1	309.0	293.0	
Imports	151.8	168.2	20.2	10.7	11.6	17.1	4.5	5.9	10.7	12.9	13.2	12.0	10.0	9.6	12.5	
Price, wholesale, American, single daisies (Chicago)	.521	.548	.551	.562	.565	.570	.572	.572	.587	.595	.594	.603	.606	.606	.608	

Revised. 1 Annual total reflects revisions not distributed to the monthly data.
 § Data are not wholly comparable on a year to year basis because of changes from one classification to another.

¶ Includes data not shown separately.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

DAIRY PRODUCTS—Continued																
Condensed and evaporated milk:																
Production, case goods:																
Condensed (sweetened).....mil. lb.	64.4	87.4	6.6	10.0	7.5	4.5	3.5	4.8	6.1	7.8	9.2	6.1	6.2	6.8	8.4	
Evaporated (unsweetened).....do.	1,493.2	1,360.0	107.2	101.4	88.7	109.9	96.0	97.0	109.1	135.7	157.5	147.5	139.7	136.0	103.0	
Stocks, manufacturers', end of period:																
Condensed (sweetened).....mil. lb.	5.8	2.1	5.7	3.0	2.6	2.1	2.6	3.9	3.5	2.9	4.7	3.9	2.9	3.9	3.0	
Evaporated (unsweetened).....do.	190.2	99.1	189.0	160.6	124.4	99.1	56.9	39.3	53.7	83.5	124.4	151.6	188.9	211.2	194.6	
Exports:																
Condensed (sweetened).....do.	28.6	42.4	2.7	6.1	1.5	6.0	.9	.9	3.5	4.5	7.4	6.1	4.5	4.0	8.2	
Evaporated (unsweetened).....do.	33.8	33.7	2.8	3.1	2.7	3.1	3.7	2.9	4.0	2.2	2.9	2.4	4.2	2.0	2.8	
Price, manufacturers' average selling:																
Evaporated (unsweetened).....\$ per case	7.05	7.26	7.36	7.36	7.36	7.36	7.40	7.42	7.45	7.50	7.50	7.51	7.51	7.51	7.51	
Fluid milk:																
Production on farms.....mil. lb.	118,769	117,281	9,035	9,120	8,721	9,191	9,407	8,795	9,983	10,261	11,046	10,766	10,165	9,612	9,126	
Utilization in mfd. dairy products.....do.	58,537	58,164	4,081	4,070	3,770	4,149	4,604	4,388	5,023	5,392	5,997	6,025	5,480	4,902	4,226	
Price, wholesale, U.S. average.....\$ per 100 lb.	5.01	5.24	5.46	5.63	5.68	5.61	5.53	5.45	5.35	5.23	5.15	5.08	5.21	5.34	5.62	
Dry milk:																
Production:																
Dry whole milk.....mil. lb.	74.3	94.2	6.1	7.2	6.9	7.3	6.1	5.4	6.6	4.6	10.9	8.4	6.4	5.0	4.8	
Nonfat dry milk (human food).....do.	1,678.6	1,604.4	90.1	89.6	90.0	116.1	118.3	112.8	131.0	146.2	176.2	178.5	141.2	111.1	83.0	
Stocks, manufacturers', end of period:																
Dry whole milk.....do.	6.1	7.6	8.4	9.1	7.9	7.6	8.2	7.5	6.2	4.9	6.8	8.0	9.0	8.2	7.1	
Nonfat dry milk (human food).....do.	98.7	78.9	106.3	90.1	76.0	78.9	72.6	68.5	63.9	75.2	108.0	137.1	149.1	160.9	130.4	
Exports:																
Dry whole milk.....do.	12.8	18.6	1.1	6.6	1.1	.4	.8	1.3	1.6	2.3	1.6	1.6	1.3	1.4	1.3	
Nonfat dry milk (human food).....do.	140.9	151.0	22.8	8.1	13.7	15.3	3.5	8.9	13.9	19.4	5.2	13.2	9.7	5.0	6.4	
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.199	.224	.234	.235	.233	.234	.235	.234	.235	.235	.234	.235	.234	.234	.236	
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats rye, wheat).....mil. bu.	1,245.4	1,267.4	83.2	84.8	108.3	127.2	18.4	33.4	91.9	95.6	107.6	92.0	99.5	90.3	102.2	
Barley:																
Production (crop estimate).....do.	1,372.9	1,418.2													4,415.9	
Stocks (domestic), end of period.....do.	303.2	362.7	442.7			362.7			276.7			197.4			495.1	
On farms.....do.	184.6	238.8	291.6			238.8			177.7			112.7			305.3	
Off farms.....do.	118.5	123.9	151.1			123.9			99.0			84.6			189.9	
Exports, including malt.....do.	40.2	17.8	.4	.7	2.5	.5	.1	.1	.7	2.4	1.7	1.3	.3	.1	.4	
Prices, wholesale (Minneapolis):																
No. 2, malting.....\$ per bu.	1.30	1.18	1.19	1.19	1.17	1.14	1.18	1.17	1.16	1.16	1.19	1.13	1.09	1.00	1.06	
No. 3, straight.....do.	1.29	1.18	1.20	1.18	1.15	1.14	1.19	1.18	1.17	1.17	1.19	1.14	1.09	1.00	1.06	
Corn:																
Production (crop estimate, grain only).....mil. bu.	1,476.0	1,437.5													4,444	
Stocks (domestic), end of period, total.....mil. bu.	4,257	4,204	2,162			4,204			3,011			2,053			2,122	
On farms.....do.	3,391	3,247	2,782			3,247			2,194			1,472			2,737	
Off farms.....do.	866	957	380			957			817			581			385	
Exports, including meal and flour.....do.	515.3	594.0	50.2	40.8	54.1	59.9	3.1	16.5	49.8	38.6	47.9	43.5	51.3	54.8	64.5	
Prices, wholesale:																
No. 3, yellow (Chicago).....\$ per bu.	1.27	1.11	1.06	1.06	1.13	1.14	1.18	1.16	1.15	1.20	1.30	1.30	1.27	1.28	1.19	
Weighted avg., 5 markets, all grades.....do.	1.25	1.11	1.03	1.08	1.14	1.13	1.16	1.15	1.15	1.21	1.28	1.28	1.22	1.22	1.15	
Oats:																
Production (crop estimate).....mil. bu.	1,789	1,930													1,938	
Stocks (domestic), end of period, total.....do.	653	776	928			776			547			371			1,011	
On farms.....do.	549	653	773			653			437			272			818	
Off farms.....do.	104	123	155			123			110			100			193	
Exports, including oatmeal.....do.	9.4	11.6	2.0	.7	1.0	.4	.5	.4	.8	.9	1.2	.3	.5	.7	.7	
Price, wholesale, No. 2, white (Chicago).....\$ per bu.	3.75	3.72	.63	.58		.71	.74	.75	.68	.69	.69	.64	.63	.61	.62	
Rice:																
Production (crop estimate).....mil. bags	189.4	1,105.3													1,902	
California mills:																
Receipts, domestic, rough.....mil. lb.	1,913	2,020	170	371	115	215	221	272	286	225	118	67	96	67	209	
Shipments from mills, milled rice.....do.	1,403	1,376	76	69	58	170	179	289	214	235	151	79	88	43	87	
Stocks, rough and cleaned (cleaned basis), end of period.....mil. lb.	254	312	110	286	315	312	298	229	245	197	125	93	71	73	127	
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers.....mil. lb.	6,675	7,086	1,732	1,584	749	339	139	146	153	313	283	200	205	347	1,636	
Shipments from mills, milled rice.....do.	4,544	4,774	372	481	519	347	212	188	214	423	552	544	464	333	438	
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.	1,875	2,013	1,547	2,122	2,119	2,013	1,903	1,812	1,713	1,509	1,178	858	476	681	1,410	
Exports.....do.	4,066	4,163	342	209	336	361	135	263	245	492	408	629	372	291	254	
Price, wholesale, No. 2 (N.O.).....\$ per lb.	.085	.087	.081	.083	.083	.085	.085	.085	.085	.085	.085	.085	.084	.084		
Rye:																
Production (crop estimate).....mil. bu.	124.2	123.2													132.0	
Stocks (domestic), end of period.....do.	27.8	24.3	31.7			24.3			20.0			16.0			38.5	
Price, wholesale, No. 2 (Minneapolis).....\$ per bu.	1.19	1.14	1.12	1.17	1.17	1.20	1.20	1.21	1.23	1.23	1.24	1.22	1.17	1.06	1.07	
Wheat:																
Production (crop estimate), total.....mil. bu.	1,522	1,570													1,456	
Spring wheat.....do.	1316	1342													1306	
Winter wheat.....do.	1,207	1,229													1,150	
Distribution.....do.	1,360	1,439	432			334			233			301				
Stocks (domestic), end of period, total.....do.	1,212	1,344	1,678			1,344			1,111			818			1,857	
On farms.....do.	508	580	732			580			462			327			733	
Off farms.....do.	704	764	947			764			649			491			1,124	

* Revised. 1 Crop estimate for the year. 2 Old crop only; new crop not reported until beginning of new crop year (July for barley, oats, rye, and wheat; Oct. for corn). 3 Average for 11 months. 4 November 1 estimate of 1969 crop. § Excludes pearl barley. ¶ Bags of 100 lbs. • Corrected.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1966				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
GRAIN AND GRAIN PRODUCTS—Con.																
Wheat—Continued																
Exports, total, including flour.....mil. bu.	675.6	642.1	30.4	42.6	50.7	66.3	14.7	16.5	40.7	53.3	56.8	46.6	47.4	34.5	36.5	
Wheat only.....do.	637.1	587.8	25.2	37.9	44.0	60.3	13.9	15.1	37.4	48.8	51.2	39.5	41.8	32.4	32.9	
Prices, wholesale:																
No. 1, dark northern spring (Minneapolis) \$ per bu.	1.92	1.79	1.72	1.79	1.79	1.72	1.78	1.81	1.79	1.77	1.78	1.77	1.81	1.73	1.79	1.82
No. 2, hd. and dk. hd. winter (Kans. City).....do.	1.68	1.52	1.42	1.49	1.54	1.50	1.52	1.48	1.52	1.53	1.48	1.45	1.34	1.44	1.48	1.53
Weighted avg., 6 markets, all grades.....do.	1.88	1.77	1.73	1.83	1.83	1.78	1.82	1.83	1.81	1.78	1.76	1.70	1.65	1.66	1.72	1.75
Wheat flour:																
Production:																
Flour.....thous. sacks (100 lb.)	245,240	254,185	21,533	23,506	22,080	21,279	20,342	18,974	20,625	20,307	21,217	20,758	19,620	21,455	22,272	
Offal.....thous. sh. tons	4,423	4,510	379	411	386	374	362	335	364	356	373	365	345	377	387	
Grindings of wheat.....thous. bu.	549,801	569,649	48,042	53,606	49,523	47,687	45,888	42,038	46,121	45,631	47,623	46,457	44,119	47,974	49,499	
Stocks held by mills, end of period																
thous. sacks (100 lb.)	4,372	4,638	4,517		4,638				4,480		4,324					
Exports.....do.	16,535	23,264	2,229	2,020	2,993	2,570	371	699	1,433	2,096	2,387	3,033	2,420	919	1,534	
Prices, wholesale:																
Spring, standard patent (Minneapolis) \$ per 100 lb.	6.124	5.927	5.913	5.925	5.959	5.925	5.888	5.838	5.863	5.838	5.875	5.888	6.013	6.025		
Winter, hard, 95% patent (Kans. City).....do.	5.621	5.449	5.375	5.463	5.513	5.463	5.400	5.375	5.350	5.338	5.388	5.463	5.588	5.488		
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals	4,002	3,876	323	373	344	337	364	317	352	312	271	248	282	271	308	
Cattle.....do.	27,780	29,592	2,540	2,813	2,416	2,380	2,676	2,356	2,423	2,414	2,466	2,434	2,611	2,608	2,725	
Receipts at 28 public markets.....do.	12,659	11,699	1,123	1,381	1,077	921	1,057	905	1,019	1,022	961	1,007	946	957	1,203	
Shipments, feeder, to 8 corn-belt States.....do.	7,852	8,219	1,153	1,488	1,259	685	342									
Prices, wholesale:																
Beef steers (Chicago) \$ per 100 lb.	25.97	27.65	28.24	28.22	28.38	28.83	29.10	28.97	30.20	30.96	33.76	34.20	31.57	30.97	29.85	29.10
Steers, stocker and feeder (Kansas City).....do.	24.67	25.89	25.33	25.60	26.01	26.39	26.69	27.22	28.60	30.28	32.40	33.17	29.87	29.20	28.37	28.81
Calves, vealers (Natl. Stockyards, Ill.).....do.	32.38	33.83	32.00	31.50	32.50	35.00	37.50	40.50	40.50	40.00	40.50	39.00	35.00	34.00		
Hogs:																
Slaughter (federally inspected).....thous. animals	70,915	74,789	6,348	7,410	6,571	6,619	6,814	6,245	6,816	6,852	6,045	5,591	5,739	5,708	6,611	
Receipts at 28 public markets.....do.	16,196	15,932	1,319	1,612	1,388	1,410	1,460	1,278	1,363	1,429	1,307	1,228	1,204	1,095	1,266	
Prices, wholesale, average, all grades (Chicago) \$ per 100 lb.	18.88	18.65	19.49	18.19	17.56	17.87	18.94	19.68	20.41	20.23	22.71	24.35	24.90	27.11	25.42	25.33
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....do.	16.3	18.0	19.3	18.6	16.8	17.0	17.2	18.0	18.3	17.5	18.7	20.3	21.1	22.0	21.6	22.1
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals	11,516	10,888	973	1,063	835	832	1,007	768	814	839	835	810	822	797	915	
Receipts at 28 public markets.....do.	3,603	2,934	300	376	243	210	214	179	176	183	192	250	252	230	291	
Shipments, feeder, to 8 corn-belt States.....do.	1,449	1,399	181	301	134	79	70									
Price, wholesale, lambs, average (Chicago) \$ per 100 lb.	23.45	26.02	25.25	25.62	26.12	25.00	26.50	27.50	29.25	36.75	32.25	29.75	29.25	26.75	26.00	27.25
MEATS AND LARD																
Total meats:																
Production (carcass weight, leaf lard in), inspected slaughter.....mil. lb.	31,106	32,714	2,737	3,134	2,768	2,760	2,965	2,628	2,765	2,788	2,692	2,602	2,705	2,650	2,917	
Stocks (excluding lard), cold storage, end of period.....mil. lb.	644	625	517	572	614	625	597	601	617	678	633	556	513	513	555	603
Exports (meat and meat preparations).....do.	484	508	55	48	62	54	29	35	57	54	62	45	46	40	47	
Imports (meat and meat preparations).....do.	1,397	1,594	171	147	144	97	65	88	198	149	134	139	163	188	174	
Beef and veal:																
Production, inspected slaughter.....do.	17,252	18,270	1,536	1,714	1,487	1,475	1,658	1,461	1,490	1,510	1,520	1,499	1,591	1,570	1,678	
Stocks, cold storage, end of period.....do.	286	304	249	273	304	304	288	278	282	275	253	238	246	273	311	331
Exports.....do.	34	29	2	2	3	2	2	2	3	2	3	2	2	2	2	
Imports.....do.	1,967	1,129	129	111	107	63	51	59	140	99	85	99	118	148	131	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York) \$ per lb.	.451	.473	.477	.466	.471	.484	.474	.465	.484	.501	.546	.556	.521	.498	.478	.459
Lamb and mutton:																
Production, inspected slaughter.....mil. lb.	574	545	47	53	42	43	52	40	43	43	43	40	40	38	45	
Stocks, cold storage, end of period.....do.	15	14	12	13	15	14	10	9	12	17	16	13	12	15	16	18
Pork (including lard), production, inspected slaughter.....mil. lb.	13,280	13,899	1,154	1,367	1,239	1,242	1,254	1,127	1,233	1,253	1,130	1,064	1,074	1,041	1,195	
Pork (excluding lard):																
Production, inspected slaughter.....do.	10,750	11,330	942	1,114	1,014	1,022	1,033	938	1,026	1,042	935	877	880	860	982	
Stocks, cold storage, end of period.....do.	283	256	197	222	237	256	251	264	270	324	299	246	196	168	174	203
Exports.....do.	56	92	11	14	18	15	14	16	12	10	23	13	8	7	11	
Imports.....do.	307	324	30	24	25	26	10	21	39	33	33	28	29	21	24	
Prices, wholesale:																
Hams, smoked composite \$ per lb.	.544	.537	.543	.546	.567	.595	.547	.517	.559	.522	.536	.572	.614	.614	.608	
Fresh loins, 8-14 lb. average (New York).....do.	.515	.509	.539	.484	.481	.484	.531	.507	.476	.495	.572	.614	.631	.609	.616	.608
Lard:																
Production, inspected slaughter.....mil. lb.	1,835	1,802	154	182	164	160	160	138	149	152	142	135	141	131	154	
Stocks, dry and cold storage, end of period.....do.	151	94	94	89	78	94	92	97	92	93	80	78	62	55	22	
Exports.....do.	189	172	16	14	20	12	12	14	29	11	39	15	11	23		
Price, wholesale, refined (Chicago) \$ per lb.	.126	.112	.105	.114	.123	.116	.130	.133	.144	.133	.130	.131	.139	.150		
POULTRY AND EGGS																
Poultry:																
Slaughter (commercial production).....mil. lb.	9,218	8,915	858	984	803	764	726	567	631	661	724	783	842	897	949	
Stocks, cold storage (frozen), end of period, total.....mil. lb.	540	417	492	607	486	417	394	351	287	239	207	200	248	324	423	531
Turkeys.....do.	367	317	386	504	386	317	294	255	201	155	123	119	163	237	329	480
Price, in Georgia producing area, live broilers \$ per lb.	.122	.131	.130	.115	.120	.125	.130	.135	.145	.135	.145	.145	.170	.155	.145	.130

Revised. Corrected

¹ Annual total reflects revisions not distributed to the monthly data.

² Beginning Jan. 1969, data are for 38 markets; comparable Dec. 1968 receipts: Cattle and calves, 1,085; hogs 1,461; sheep and lambs, 213. ³ Beginning Jan. 1969, quotations are on carlot rather than l.c.l. basis as previously.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1957 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

POULTRY AND EGGS—Continued																
Eggs:																
Production on farms.....mil. cases⊙	194.9	192.6	15.1	15.8	15.4	15.9	15.9	14.7	16.6	16.3	16.9	16.0	16.0	15.7	15.2	15.9
Stocks, cold storage, end of period:																
Shell.....thous. cases⊙	86	59	150	172	91	59	56	71	52	173	237	300	213	120	85	42
Frozen.....mil. lb.	89	72	102	92	82	72	61	56	52	50	53	61	66	64	56	53
Price, wholesale, large (delivered; Chicago) \$ per doz.	.298	1.372	.501	.399	.437	.480	.485	.413	.445	.404	.334	.351	.471	.433	.488	-----
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells).....thous. lg. tons	282.6	228.2	12.9	10.8	10.0	17.4	2.0	23.4	27.2	14.3	20.7	15.4	26.0	21.6	6.3	-----
Price, wholesale, Accra (New York).....\$ per lb.	.288	.344	.363	.394	.465	.305	.433	.436	.460	.455	.443	.456	.478	.469	.466	.461
Coffee (green):																
Inventories (roasters', importers', dealers'), end of period.....thous. bags⊙	2,311	5,076	5,205	-----	-----	5,076	-----	-----	3,249	-----	-----	3,389	-----	-----	3,361	-----
Roastings (green weight).....do	21,291	21,165	4,021	-----	-----	5,603	-----	-----	5,370	-----	-----	5,080	-----	-----	4,780	-----
Imports, total.....do	21,312	25,377	2,322	1,687	2,132	1,945	363	1,111	2,015	2,195	1,664	1,747	1,714	1,476	1,778	-----
From Brazil.....do	9,069	8,318	339	552	740	699	155	345	654	643	578	563	529	329	459	-----
Price, wholesale, Santos, No. 4 (N.Y.).....\$ per lb.	.384	.376	.375	.378	.378	.375	.375	.375	.383	.380	.378	.375	.375	.390	.390	-----
Confectionery, manufacturers' sales.....mil. \$	1,645	1,705	194	188	172	139	146	156	152	135	118	115	106	129	-----	-----
Fish:																
Stocks, cold storage, end of period.....mil. lb.	253	285	275	288	287	285	248	219	193	188	191	201	230	253	265	-----
Sugar (United States):																
Deliveries and supply (raw basis): ¹																
Production and receipts:																
Production.....thous. sh. tons	4,106	4,396	158	793	1,066	1,008	690	381	70	116	137	95	77	-----	-----	-----
Entries from off-shore, total ².....do	6,391	6,680	532	570	439	269	2,034	46	98	174	370	524	548	601	-----	-----
Hawaii and Puerto Rico.....do	1,958	1,707	92	215	128	87	35	46	99	145	192	148	102	171	-----	-----
Deliveries, total ³.....do	10,516	11,089	1,029	932	821	1,077	704	620	919	834	933	976	1,019	-----	-----	-----
For domestic consumption.....do	10,245	10,922	1,013	921	809	1,067	692	611	903	818	918	965	1,008	-----	-----	-----
Stocks, raw and ref., end of period.....do	2,873	2,961	1,249	1,723	2,467	2,961	3,151	3,146	2,737	2,698	2,580	2,396	2,164	1,691	-----	-----
Exports, raw and refined.....sh. tons	1,468	1,320	120	62	118	66	94	102	76	163	65	46	38	69	57	-----
Imports:																
Raw sugar, total ⁴.....thous. sh. tons	4,584	4,879	444	452	290	431	45	264	371	486	438	538	577	416	328	-----
From the Philippines.....do	2,134	1,075	2	33	32	36	0	96	91	140	58	108	124	95	71	-----
Refined sugar, total.....do	97	117	2	1	48	13	1	(3)	22	1	2	2	7	13	6	-----
Prices (New York):																
Raw, wholesale.....\$ per lb.	.073	.075	.076	.077	.076	.076	.077	.077	.078	.078	.078	.078	.075	.078	.078	.079
Refined:																
Retail (incl. N.E. New Jersey).....\$ per 5 lb.	4.620	.624	.635	.636	.638	.630	.628	.630	.631	.629	.632	.642	.641	.646	.647	-----
Wholesale (excl. excise tax).....\$ per lb.	.099	.101	.102	.102	.102	.103	.103	.103	.103	.105	.107	.107	.108	.108	-----	-----
Tea, imports.....thous. lb.	142,583	155,335	14,766	7,677	12,279	15,633	1,859	4,046	14,825	16,785	17,989	13,655	11,644	8,892	13,760	-----
Baking or frying fats (incl. shortening):																
Production.....mil. lb.	3,225.7	3,311.9	292.4	317.0	296.6	275.3	286.4	272.3	291.3	268.7	287.6	281.1	244.4	281.7	290.5	-----
Stocks, end of period⊕.....do	139.2	142.7	125.4	134.7	119.2	142.7	127.3	133.4	132.7	142.1	138.9	144.5	130.7	128.2	116.7	-----
Salad or cooking oils:																
Production.....do	2,922.1	2,995.9	239.4	261.5	230.8	234.6	241.5	215.9	248.9	258.4	283.7	322.0	253.5	242.8	255.3	-----
Stocks, end of period⊕.....do	79.5	79.4	64.9	59.7	74.8	79.4	84.8	76.4	80.0	73.9	91.4	74.7	62.5	60.2	59.3	-----
Margarine:																
Production.....do	2,114.1	2,140.9	168.0	199.7	179.6	196.6	214.9	175.3	181.0	169.3	165.1	169.5	161.1	162.6	187.3	-----
Stocks, end of period⊕.....do	59.9	49.1	50.1	56.3	45.8	49.1	51.2	60.2	56.1	58.7	58.2	54.1	55.5	51.0	50.5	-----
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered).....\$ per lb.	.257	.256	.256	.256	.256	.256	.256	.256	.256	.257	.257	.257	.257	.257	-----	-----
FATS, OILS, AND RELATED PRODUCTS																
Animal and fish fats:Δ																
Tallow, edible:																
Production (quantities rendered).....mil. lb.	577.8	539.1	44.5	48.1	45.5	40.6	46.2	45.8	44.0	41.4	42.0	40.5	39.7	43.1	44.5	-----
Consumption in end products.....do	525.1	517.3	47.2	45.1	46.3	34.6	39.7	43.3	49.0	41.4	43.9	45.6	37.2	43.3	42.9	-----
Stocks, end of period¶.....do	73.2	49.6	39.3	40.9	42.7	49.6	50.1	54.0	44.2	47.4	44.3	32.8	28.3	27.8	25.9	-----
Tallow and grease (except wool), inedible:																
Production (quantities rendered).....do	4,753.0	4,745.2	390.2	431.9	377.1	362.0	409.1	378.2	380.1	386.2	372.3	363.8	382.8	374.3	379.0	-----
Consumption in end products.....do	2,402.4	2,478.0	211.7	223.0	193.8	192.0	217.6	205.0	215.7	228.0	211.6	219.9	211.5	208.1	221.9	-----
Stocks, end of period¶.....do	424.6	358.5	376.9	386.7	376.0	358.5	421.6	425.1	419.1	335.9	306.4	281.2	283.3	290.4	302.5	-----
Fish and marine mammal oils:																
Production.....do	118.4	170.8	26.3	20.4	12.1	6.5	.9	.6	.6	5.4	20.8	27.2	29.3	31.4	28.2	-----
Consumption in end products.....do	73.0	69.9	5.8	5.2	5.5	4.6	4.9	6.4	6.9	6.8	5.2	7.1	5.0	5.8	5.9	-----
Stocks, end of period¶.....do	146.3	155.8	188.3	178.8	159.2	155.8	155.4	122.5	111.2	94.2	123.5	130.9	142.1	126.0	121.6	-----
Vegetable oils and related products:																
Coconut oil:																
Production: Crude.....mil. lb.	2,350.5	392.1	34.0	27.5	41.7	32.4	31.3	28.8	31.4	30.5	29.3	33.2	19.1	35.4	35.8	-----
Refined.....do	565.1	548.7	44.1	48.1	44.9	34.2	45.2	45.6	46.1	52.2	44.0	43.6	41.3	48.5	48.0	-----
Consumption in end products.....do	766.1	730.7	57.2	65.6	61.5	54.1	59.6	59.9	63.8	63.8	60.5	61.0	52.3	59.4	65.5	-----
Stocks, crude and ref., end of period¶.....do	133.6	197.1	130.2	132.9	172.0	197.1	187.6	179.1	184.9	155.6	153.1	154.2	138.5	139.8	145.9	-----
Imports.....do	2,523.0	442.8	30.7	41.0	17.5	14.6	152.3	40.1	10.3	19.2	34.2	33.0	31.6	28.3	18.4	-----
Corn oil:																
Production: Crude.....do	444.0	452.8	34.4	41.4	39.5	37.8	38.0	36.1	39.5	40.0	39.5	40.1	37.5	38.5	39.4	-----
Refined.....do	418.1	429.6	31.9	35.2	36.3	38.8	33.8	31.8	38.8	33.0	36.8	39.5	33.8	34.1	37.1	-----
Consumption in end products.....do	420.6	439.6	33.5	40.9	40.2	36.2	34.1	31.3	36.6	33.6	37.4	39.9	33.3	35.5	37.4	-----
Stocks, crude and ref., end of period¶.....do	37.7	40.5	41.1	39.7	39.0	40.5	43.3	49.8	34.7	65.9	68.5	65.9	68.3	70.4	70.7	-----

⊙ Revised. ⊕ Preliminary.

¹ Beginning January 1968, data are not comparable with those for early periods; prices are based on minimum 80 percent A quality (instead of 60-79.9 percent as formerly). ² Annual total reflects revisions not distributed to the monthly data. ³ Less than 500 short tons. ⁴ Beginning July 1967, prices based on 1967 benchmark; 1967 average is for July-Dec. period. July 1967 price on old basis, \$0.631.

⊙ Cases of 30 dozen. ⊕ Bags of 132.276 lb. § Monthly data reflect cumulative revisions for prior periods. ¶ Includes data not shown separately; see also note "§". Δ For data on lard, see p. S-28. ⊕ Producers' and warehouse stocks. ¶ Factory and warehouse stocks.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

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..	1,564.7	1,574.8	54.5	231.5	240.3	246.7	255.3	215.9	201.0	175.0	155.0	106.8	69.6	* 57.0	74.7	-----
Stocks (at oil mills), end of period.....do..	146.7	135.1	107.6	130.7	145.4	135.1	141.2	167.5	163.5	192.5	215.5	179.4	155.0	* 99.2	84.1	-----
Cottonseed oil:																
Production: Crude.....mil. lb..	1,108.3	1,115.1	39.6	162.6	167.7	173.7	186.2	155.8	145.6	127.3	112.4	80.4	50.3	* 37.2	50.5	-----
Refined.....do..	1,050.8	1,001.5	30.0	99.3	124.8	125.4	144.3	130.4	119.8	119.9	109.4	94.0	72.2	54.9	61.1	-----
Consumption in end products.....do..	1,010.5	909.6	59.2	76.9	68.9	70.3	70.3	66.1	66.0	74.7	69.7	88.6	62.4	* 64.9	65.7	-----
Stocks, crude and refined (factory and warehouse), end of period.....mil. lb..	252.1	272.7	98.7	153.2	213.5	272.7	345.5	377.2	430.0	460.8	466.2	467.6	439.7	* 418.0	376.7	-----
Exports (crude and refined).....do..	172.1	61.7	3.3	3.9	12.0	9.5	2.6	20.7	9.5	19.5	12.8	4.9	23.2	6.8	4.7	-----
Price, wholesale (drums; N.Y.).....\$ per lb..	2.154	.163	.175	.134	.140	.140	.140	.140	.140	.140	.140	.140	.140	.140	.140	-----
Linseed oil:																
Production, crude (raw).....mil. lb..	370.6	306.6	31.6	35.4	29.9	25.0	30.4	26.4	24.8	20.8	22.0	21.6	12.8	16.1	39.5	-----
Consumption in end products.....do..	209.8	195.6	16.8	17.3	14.1	11.9	13.3	15.1	16.9	17.1	18.3	18.2	17.0	* 17.0	16.4	-----
Stocks, crude and refined (factory and warehouse), end of period.....mil. lb..	213.3	157.2	162.2	164.7	168.6	157.2	152.8	158.1	164.2	156.7	151.9	131.4	121.3	* 113.1	118.7	-----
Price, wholesale (Minneapolis).....\$ per lb..	.129	.127	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	-----
Soybean cake and meal:																
Production.....thous. sh. tons..	13,359.2	13,468.4	893.4	1,257.3	1,281.4	1,207.1	1,139.9	1,033.1	1,260.4	1,163.4	1,246.7	1,164.7	1,200.8	* 1,123.8	1,111.5	-----
Stocks (at oil mills), end of period.....do..	199.8	149.2	95.4	111.5	112.5	149.2	174.4	170.5	150.7	151.6	162.4	133.2	140.6	* 130.8	116.9	-----
Soybean oil:																
Production: Crude.....mil. lb..	6,149.9	6,149.6	408.6	578.8	584.1	544.6	524.2	474.6	578.5	537.6	582.4	541.2	545.9	526.9	519.0	-----
Refined.....do..	5,072.8	5,227.9	444.4	446.7	439.5	462.4	460.1	448.3	506.4	479.1	466.3	498.7	452.4	459.4	493.6	-----
Consumption in end products.....do..	5,202.7	5,401.6	457.0	496.0	442.1	467.8	489.0	429.3	478.8	443.6	485.4	517.2	457.7	* 480.8	510.0	-----
Stocks, crude and refined (factory and warehouse), end of period.....mil. lb..	663.2	588.6	539.9	541.4	562.6	588.6	525.8	517.7	611.0	595.5	623.5	557.2	563.3	* 552.5	422.9	-----
Exports (crude and refined).....do..	912.3	823.4	124.2	37.2	56.4	111.5	58.9	19.1	18.6	71.3	43.2	120.3	69.3	20.1	90.9	-----
Price, wholesale (refined; N.Y.).....\$ per lb..	.120	.103	.093	.092	.099	.099	.106	.106	.106	.107	.107	.107	.107	.099	.099	-----
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb..	* 1,968	* 1,716	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	* 1,799
Stocks, dealers' and manufacturers' end of period.....mil. lb..	5,486	5,179	4,937	-----	-----	5,179	-----	-----	5,005	-----	-----	4,590	-----	-----	-----	-----
Exports, incl. scrap and stems.....thous. lb..	571,559	598,916	73,366	38,781	71,322	63,643	8,144	4,224	42,410	39,586	66,505	55,541	43,536	43,134	61,733	-----
Imports, incl. scrap and stems.....do..	* 197,109	217,708	16,656	18,990	13,874	15,215	20,490	12,776	16,870	17,092	17,771	20,465	16,864	18,970	16,794	-----
Manufactured:																
Consumption (withdrawals):	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cigarettes (small):	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Tax-exempt.....millions..	48,971	53,846	5,470	4,478	4,350	4,312	3,122	3,009	3,820	3,590	4,041	5,321	5,009	3,986	-----	
Taxable.....do..	527,800	523,007	44,159	50,083	40,654	35,161	45,580	41,538	40,138	40,222	44,487	45,249	41,845	43,208	-----	
Cigars (large), taxable.....do..	6,846	6,759	558	682	602	400	484	498	536	552	597	576	544	621	-----	
Exports, cigarettes.....do..	23,652	26,510	3,329	1,579	2,089	2,589	705	1,525	2,136	1,707	2,242	2,958	2,597	2,693	1,962	-----

LEATHER AND PRODUCTS

HIDES AND SKINS																
Exports:																
Value, total ♀.....thous. \$..	127,893	128,679	10,937	13,737	13,456	10,721	8,963	8,852	11,220	13,616	18,837	11,770	11,862	14,204	12,652	-----
Calf and kip skins.....thous. skins..	2,626	2,212	130	163	158	124	79	100	226	228	177	171	130	115	111	-----
Cattle hides.....thous. hides..	11,987	12,636	1,180	1,235	1,185	1,153	975	897	1,044	1,300	1,856	1,062	1,103	1,341	1,229	-----
Imports:																
Value, total ♀.....thous. \$..	61,300	78,400	6,300	5,200	3,700	3,300	2,000	4,200	6,300	11,200	8,000	5,600	6,200	4,800	4,400	-----
Sheep and lamb skins.....thous. pieces..	36,044	30,912	2,359	1,475	915	658	693	617	1,195	5,961	4,107	1,646	2,121	1,575	1,507	-----
Goat and kid skins.....do..	7,109	5,203	344	330	369	274	73	178	763	683	473	694	358	417	349	-----
Prices, wholesale, f.o.b. shipping point:																
Calfskins, packer, heavy, 9 1/2/15 lb.....\$ per lb..	.460	.555	.625	.625	.625	.625	.650	.550	.650	.650	.650	.600	.575	.575	-----	
Hides, steer, heavy, native, over 53 lb.....do..	.120	.112	.114	.118	.121	.123	.128	.122	.135	.178	.170	.148	.148	.146	-----	
LEATHER																
Production:																
Calf and whole kip.....thous. skins..	4,008	4,247	306	320	325	299	322	356	293	312	347	288	203	215	-----	
Cattle hide and side kip.....thous. hides and kips..	23,394	24,033	1,895	2,201	1,911	1,910	2,004	1,882	1,955	1,987	1,966	1,845	1,558	1,853	-----	
Goat and kid.....thous. skins..	8,456	6,764	573	700	678	571	584	527	450	500	521	491	455	330	-----	
Sheep and lamb.....do..	28,375	31,413	2,560	2,651	2,443	2,325	2,335	2,183	2,189	2,330	2,520	2,327	1,791	1,984	-----	
Exports:																
Upper and lining leather.....thous. sq. ft..	71,769	77,266	5,220	6,078	7,853	5,158	3,623	3,090	8,239	7,330	6,248	5,666	7,671	6,226	4,119	-----
Prices, wholesale, f.o.b. tannery:																
Sole, bends, light.....index, 1957-59=100..	97.7	95.1	96.5	96.5	96.5	104.0	104.0	104.0	104.0	104.0	104.0	105.5	105.5	105.5	-----	
Upper, chrome calf, B and C grades.....index, 1957-59=100..	92.4	91.7	95.9	95.9	95.9	94.5	98.2	94.9	94.2	97.8	96.6	95.9	94.7	94.5	-----	
LEATHER MANUFACTURES																
Shoes and slippers:																
Production, total †.....thous. pairs..	599,964	645,942	51,228	59,385	49,490	47,564	53,224	48,651	52,966	48,998	48,364	47,653	* 43,142	49,809	47,805	-----
Shoes, sandals, and play shoes, except athletic †.....thous. pairs..	495,380	529,461	41,387	47,459	39,356	39,935	45,033	40,086	43,461	39,610	38,089	37,302	* 33,787	38,420	36,597	-----
Slippers †.....do..	95,620	106,902	9,057	11,057	9,316	6,859	7,428	7,846	8,578	8,472	9,532	9,480	* 8,776	10,480	10,248	-----
Athletic †.....do..	6,949	7,524	626	697	663	642	636	576	771	758	597	726	* 475	755	820	-----
Other footwear †.....do..	2,015	2,055	158	172	155	128	127	143	156	158	146	145	104	154	140	-----
Exports.....do..	2,217	2,884	737	213	195	242	143	132	232	217	230	190	162	207	228	-----
Prices, wholesale, f.o.b. factory:																
Men's and boys' oxfords, dress, elk or side upper, Goodyear welt.....index, 1957-59=100..	122.9	129.7	131.3	134.2	135.4	135.4	135.4	135.4	131.2	131.2	131.2	131.2	131.2	131.2	-----	
Women's oxfords, elk side upper, Goodyear welt.....index, 1957-59=100..	113.1	118.7	120.0	120.0	120.0	120.0	121.5	124.4	124.4	127.2	127.2	127.2	127.2	127.2	-----	
Women's pumps, low-medium quality.....do..	125.9	134.4	135.5	138.0	138.0	138.0	137.9	138.0	138.1	137.8	139.0	139.0	140.7	140.7	-----	

* Revised.

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

‡ Average for 11 months. § Crop estimate for the year. ¶ Nov. 1 estimate of 1969 crop.

§ Includes data for items not shown separately.

¶ Revisions for Jan. 1965-July 1967 will be shown later.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LUMBER AND PRODUCTS																
LUMBER—ALL TYPES																
National Forest Products Association:																
Production, total..... mil. bd. ft.	35,275	37,094	3,193	3,381	2,981	2,818	2,937	2,993	3,314	3,415	3,257	3,075	3,055	3,113		
Hardwoods..... do	7,401	6,960	592	622	625	514	581	586	622	612	671	674	673	710		
Softwoods..... do	27,874	30,134	2,601	2,759	2,356	2,304	2,356	2,407	2,692	2,803	2,586	2,401	2,382	2,403		
Shipments, total..... do	35,777	38,052	3,205	3,454	3,056	2,794	2,976	3,051	3,343	3,331	3,310	3,066	2,982	3,040		
Hardwoods..... do	7,603	7,762	648	657	702	582	694	719	766	674	730	706	686	726		
Softwoods..... do	28,174	30,290	2,557	2,797	2,354	2,212	2,282	2,332	2,577	2,657	2,580	2,360	2,296	2,314		
Stocks (gross), mill, end of period, total..... do	5,744	5,086	5,196	5,094	5,030	5,086	5,113	5,118	5,162	5,246	5,194	5,218	5,354	5,430		
Hardwoods..... do	1,377	914	995	975	934	914	879	824	748	703	654	636	641	636		
Softwoods..... do	4,367	4,172	4,201	4,119	4,096	4,172	4,234	4,294	4,414	4,543	4,540	4,582	4,713	4,794		
Exports, total sawmill products..... do	1,112	1,143	81	90	82	84	72	73	73	103	106	101	88	91	120	
Imports, total sawmill products..... do	4,987	6,087	526	685	519	524	353	490	724	664	549	554	537	495	528	
SOFTWOODS																
Douglas fir:																
Orders, new..... mil. bd. ft.	8,222	9,047	790	726	674	755	755	530	668	696	612	577	697	600		
Orders, unfilled, end of period..... do	579	822	742	662	657	822	898	809	818	704	542	439	526	487		
Production..... do	8,046	8,802	721	774	671	638	663	664	775	846	703	661	622	645		
Shipments..... do	8,129	8,804	693	806	679	590	679	619	659	810	774	679	610	639		
Stocks (gross), mill, end of period..... do	957	955	947	915	907	955	956	1,001	1,118	1,147	1,074	1,055	1,067	1,073		
Exports, total sawmill products..... do	388	403	29	31	27	33	24	32	22	31	32	33	28	31	35	
Sawed timber..... do	113	102	6	7	6	6	8	8	4	10	7	10	4	7	9	
Boards, planks, scantlings, etc..... do	275	301	23	24	21	27	16	24	18	21	26	22	24	23	25	
Prices, wholesale:																
Dimension, construction, dried, 2" x 4", R. L. \$ per M bd. ft.	85.54	107.85	112.36	113.06	113.06	123.98	130.11	137.49	147.11	140.41	125.96	109.95	95.71	95.08		
Flooring, C and better, F. G., 1" x 4", R. L. \$ per M bd. ft.	169.99	166.36	165.94	169.33	169.33	175.42	179.83	195.55	208.29	213.84	215.44	213.07	213.84	215.44		
Southern pine:																
Orders, new..... mil. bd. ft.	6,381	7,145	621	647	629	589	648	724	722	579	559	528	573	625		
Orders, unfilled, end of period..... do	307	422	390	369	391	422	408	487	505	415	355	320	303	330		
Production..... do	6,415	6,870	559	645	596	579	681	634	670	701	666	651	642	607		
Shipments..... do	6,348	7,030	598	668	607	558	662	645	704	669	619	563	590	598		
Stocks (gross), mill and concentration yards, end of period..... mil. bd. ft.	1,297	1,137	1,150	1,127	1,116	1,137	1,156	1,145	1,111	1,143	1,190	1,278	1,330	1,339		
Exports, total sawmill products..... M bd. ft.	87,436	90,477	7,790	5,536	5,222	10,772	621	1,524	9,367	7,699	9,216	6,882	5,764	5,947	7,615	
Prices, wholesale, (indexes):																
Boards, No. 2 and better, 1" x 6", R. L. 1957-59=100.....	103.5	119.0	121.8	123.5	126.3	129.5	134.0	139.9	148.4	149.8	149.2	143.9	134.9	126.2		
Flooring, B and better, F. G., 1" x 4", S. L. 1957-59=100.....	106.0	113.0	114.7	114.8	115.5	116.6	121.0	125.6	128.9	130.2	130.2	128.7	125.4	124.9		
Western pine:																
Orders, new..... mil. bd. ft.	10,531	10,881	985	1,006	789	757	748	731	864	769	839	794	881	818		
Orders, unfilled, end of period..... do	557	539	616	615	600	539	616	564	530	452	416	389	391	443		
Production..... do	10,180	10,851	1,015	1,003	804	812	702	807	922	908	904	800	849	849		
Shipments..... do	10,401	10,900	977	1,008	804	818	671	783	899	847	875	821	834	811		
Stocks (gross), mill, end of period..... do	1,445	1,396	1,407	1,402	1,402	1,396	1,426	1,450	1,473	1,534	1,563	1,542	1,557	1,595		
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R. L. (6' and over)..... \$ per M bd. ft.	71.95	87.72	89.99	94.11	98.64	106.49	115.76	129.86	145.12	163.54	145.05	110.28	82.19	79.64		
HARDWOOD FLOORING																
Oak:																
Orders, new..... mil. bd. ft.	547.0	496.5	47.0	45.3	36.2	32.1	38.6	34.1	31.2	27.4	29.2	30.1	38.7	33.6		
Orders, unfilled, end of period..... do	20.1	23.9	25.6	26.1	25.7	23.9	25.8	24.6	21.8	17.5	14.1	12.7	16.8	14.9		
Production..... do	551.2	459.3	34.6	41.4	34.4	31.4	38.6	32.6	33.9	35.4	33.0	31.2	29.7	31.8		
Shipments..... do	552.2	485.1	40.5	44.8	36.1	33.0	36.7	33.3	34.0	32.9	32.4	31.6	34.1	35.0		
Stocks (gross), mill, end of period..... do	57.9	23.5	30.5	27.1	25.3	23.5	25.4	25.4	25.3	27.8	27.7	26.3	22.0	20.1		

METALS AND MANUFACTURES

IRON AND STEEL																
Exports:																
Steel mill products..... thous. sh. tons	1,685	2,170	269	207	306	327	132	173	441	349	411	353	471	470	450	
Scrap..... do	7,635	6,572	764	539	801	576	282	233	529	754	826	898	797	1,200	1,054	
Pig iron..... do	7	11	1	1	2	1	(1)	(1)	1	2	1	1	2	(1)	(1)	
Imports:																
Steel mill products..... do	11,455	17,960	1,698	1,485	1,550	1,425	510	568	876	1,505	1,727	1,432	1,412	1,249	1,311	
Scrap..... do	286	327	17	24	19	38	24	25	31	40	37	63	42	24	29	
Pig iron..... do	2,631	799	124	99	72	73	8	6	22	22	41	76	34	40	43	
Iron and Steel Scrap																
Production..... thous. sh. tons	52,312	53,284	3,506	3,905	3,823	3,998	4,471	4,334	4,857	4,798	4,790	4,661				
Receipts..... do	32,654	39,228	2,641	3,105	3,044	3,248	3,383	3,534	3,963	3,877	3,779	3,632				
Consumption..... do	85,361	86,766	5,787	6,610	6,723	6,892	7,706	7,439	8,311	8,054	8,177	7,835				
Stocks, consumers', end of period..... do	7,793	7,868	8,340	8,288	7,987	7,868	7,535	7,467	7,454	7,520	7,369	7,216				
Prices, steel scrap, No. 1 heavy melting:																
Composite (5 markets)..... \$ per lg. ton	27.51	25.06	23.01	22.74	24.00	23.79	25.83	27.35	26.38	25.33	28.32	29.10	29.20	31.82		
Pittsburgh district..... do	27.00	27.00	25.00	25.00	25.00	26.00	29.00	29.00	28.00	27.00	30.00	31.00	30.00	34.00		

* Revised. † Preliminary. ‡ Less than 500 tons. § Annual total reflects revisions not distributed to the monthly data. ¶ For Feb.-Dec. 1967.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
METALS AND MANUFACTURES—Continued																
IRON AND STEEL—Continued																
Ore																
Iron ore (operations in all U.S. districts):																
Mine production..... thous. lg. tons.	184,179	85,865	8,514	6,918	5,255	4,898	5,230	4,967	5,884	6,104	9,514	9,693	9,611	9,710		
Shipments from mines..... do.	183,016	82,531	8,760	8,418	5,929	2,836	2,220	2,043	2,456	6,104	10,491	11,563	12,052	12,075		
Imports..... do.	144,627	43,941	5,082	4,742	3,114	2,958	1,402	1,673	1,521	2,856	3,426	2,906	4,018	3,706	5,188	
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants..... do.	119,435	118,581	12,904	12,200	7,737	5,799	3,380	3,291	4,602	7,281	13,330	12,519	15,335	14,510	15,157	
Consumption at iron and steel plants..... do.	118,932	120,449	7,343	7,798	8,358	9,483	10,145	9,881	11,144	11,013	11,396	10,751	10,385	10,404	10,842	
Exports..... do.	5,944	5,937	593	698	522	426	306	328	162	436	656	523	675	807	466	
Stocks, total, end of period..... do.	71,238	71,649	71,095	74,474	73,278	71,649	67,838	63,694	60,000	56,765	57,742	57,602	60,484	62,505		
At mines..... do.	13,130	15,620	15,536	14,230	13,556	15,620	18,801	21,725	25,153	26,105	25,127	23,267	20,820	18,454		
At furnace yards..... do.	55,121	53,232	53,135	57,537	56,916	53,232	46,534	39,950	33,416	29,683	31,617	33,410	38,397	42,515	47,331	
At U.S. docks..... do.	2,987	2,797	2,424	2,707	2,806	2,797	2,503	2,019	1,431	977	998	925	1,267	1,536	1,947	
Manganese (mn. content), general imports..... do.	1,086	953	103	28	52	83	92	40	60	126	81	69	95	105	122	
Pig Iron and Iron Products																
Pig iron:																
Production (excluding production of ferroalloys)..... thous. sh. tons.	186,984	88,780	5,481	5,916	6,218	7,020	7,296	7,225	8,196	8,150	8,414	8,055	7,836	7,699	7,739	
Consumption..... do.	87,371	89,890	5,666	6,039	6,288	7,042	7,402	7,290	8,238	8,083	8,282	7,896				
Stocks (consumers' and suppliers'), end of period..... thous. sh. tons.	2,842	2,340	2,584	2,456	2,386	2,340	2,160	2,063	1,971	1,933	1,864	1,932				
Prices:																
Composite..... \$ per lg. ton.	62.70	62.70	62.70	62.70	62.70	62.70	62.70	62.70	62.70	62.70	62.70	62.70	63.15	65.20	65.20	65.20
Basic (furnace)..... do.	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	65.50		
Foundry, No. 2, Northern..... do.	63.50	63.50	63.50	63.50	63.50		63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50		
Castings, gray iron:																
Orders, unfilled, for sale, end of period..... thous. sh. tons.	913	923	899	886	875	923	1,021	1,019	1,023	993	1,032	1,019	1,097	1,155		
Shipments, total..... do.	14,329	15,034	1,223	1,307	1,187	1,099	1,255	1,288	1,376	1,391	1,353	1,361	1,192	1,278		
For sale..... do.	8,128	8,710	747	768	675	607	676	718	774	802	778	815	720	744		
Castings, malleable iron:																
Orders, unfilled, for sale, end of period..... thous. sh. tons.	120	137	131	116	130	137	138	142	129	130	127	119	143	147		
Shipments, total..... do.	1,041	1,094	88	102	89	103	104	102	110	105	97	96	80	91		
For sale..... do.	614	586	49	56	46	49	54	55	59	60	54	54	50	55		
Steel, Raw and Semifinished																
Steel (raw):																
Production..... thous. sh. tons.	1127,213	1131,462	8,086	9,006	9,590	10,421	11,083	10,915	12,400	12,143	12,356	11,810	11,365	11,421	11,523	
Index..... daily average 1957-59=100.	131.0	135.0	101.3	109.2	120.1	126.3	134.3	146.5	150.3	152.1	149.8	147.9	137.8	138.4	144.3	
Steel castings:																
Orders, unfilled, for sale, end of period..... thous. sh. tons.	293	371	289	331	347	371	392	432	430	442	453	457	455	444		
Shipments, total..... do.	1,857	1,731	135	141	132	143	153	163	169	168	172	161	156	139		
For sale, total..... do.	1,556	1,437	116	119	112	123	132	138	145	140	135	134	129	114		
Steel Mill Products																
Steel products, net shipments:																
Total (all grades)..... thous. sh. tons.	183,897	191,856	5,215	6,316	6,007	6,320	7,280	7,092	8,199	8,269	8,304	7,971	7,629	7,710	7,896	
By product:																
Semifinished products..... do.	4,061	4,821	291	350	479	497	458	453	514	494	520	450	466	527	582	
Structural shapes (heavy), steel piling..... do.	6,133	6,149	385	438	428	421	458	462	532	533	551	532	552	495	526	
Plates..... do.	7,948	8,401	457	540	523	544	628	623	709	734	756	749	729	630	655	
Rails and accessories..... do.	1,434	1,462	72	110	99	118	131	142	165	156	140	130	102	104	104	
Bars and tool steel, total..... do.	13,053	13,660	818	965	937	904	1,096	1,052	1,216	1,304	1,285	1,229	1,145	1,174	1,194	
Bars: Hot rolled (incl. light shapes)..... do.	7,961	8,497	444	551	559	547	699	678	776	795	758	716	669	681	701	
Reinforcing..... do.	3,249	3,241	251	267	239	221	222	213	263	320	352	337	325	334	320	
Cold finished..... do.	1,733	1,815	116	137	131	126	166	152	167	178	165	167	143	150	162	
Pipe and tubing..... do.	8,069	10,078	520	600	626	657	749	732	1,017	930	842	848	759	691	702	
Wire and wire products..... do.	3,133	3,393	210	252	239	222	249	239	286	303	284	293	252	271	279	
Tin mill products..... do.	6,591	7,267	544	770	394	310	504	497	576	553	575	563	582	567	571	
Sheets and strip (incl. electrical), total..... do.	32,574	36,624	1,919	2,293	2,343	2,649	3,006	2,892	3,185	3,263	3,352	3,177	3,042	3,251	3,284	
Sheets: Hot rolled..... do.	9,312	10,782	530	685	723	941	897	914	968	1,034	1,056	1,080	1,013	1,107	1,093	
Cold rolled..... do.	14,709	16,336	789	943	985	1,054	1,379	1,294	1,419	1,448	1,482	1,312	1,283	1,358	1,398	
By market (quarterly shipments):																
Service centers and distributors..... do.	14,863	16,099	3,748			3,283			4,021			4,656	2,562	2,433	2,504	
Construction, incl. maintenance..... do.	11,375	12,195	3,630			2,279			2,720			3,282	2,016	2,903	2,858	
Contractors' products..... do.	4,582	4,922	1,171			953			1,142			1,258	2,399	2,409	2,403	
Automotive..... do.	16,488	19,269	3,962			3,642			4,828			4,587	2,131	2,519	2,154	
Rail transportation..... do.	3,225	3,048	593			707			916			943	2,247	2,229	2,245	
Machinery, industrial equip., tools..... do.	4,994	5,469	1,174			1,028			1,401			1,542	2,435	2,448	2,448	
Containers, packaging, ship. materials..... do.	7,255	7,902	1,949			1,493			1,741			1,862	2,631	2,609	2,596	
Other..... do.	21,115	22,952	7,168			5,259			5,783			6,435	2,026	2,160	2,188	
Steel mill products, inventories, end of period:																
Consumers' (manufacturers only)..... mil. sh. tons.	9.1	10.5	13.3	12.0	11.0	10.5	10.0	10.1	10.1	10.1	10.1	9.8	10.0	10.0	9.9	
Receipts during period..... do.	62.5	70.1	4.3	5.2	4.7	4.8	5.6	5.8	6.1	6.2	6.0	5.6	5.2	5.3	5.8	
Consumption during period..... do.	63.5	68.7	5.7	6.5	5.7	5.3	6.1	5.7	6.1	6.2	6.0	5.9	5.0	5.3	6.1	
Service centers (warehouses)..... do.	5.6	6.3	6.1	5.9	5.9	6.3	5.9	5.6	5.5	5.8	5.6	5.7	5.8	5.8		
Producing mills:																
In process (ingots, semifinished, etc.)..... do.	12.5	9.9	9.6	9.3	9.5	9.9	10.1	10.1	10.3	10.3	10.4	10.5	10.8	11.0	11.0	
Finished (sheets, plates, bars, pipe, etc.)..... do.	9.6	9.0	7.9	8.0	8.3	9.0	9.2	9.5	9.5	9.6	9.5	9.5	9.6	9.5	9.5	
Steel (carbon), finished, composite price... \$ per lb.	.0850	.0873	.0900	.0897	.0871	.0872	.0891	.0891	.0903	.0903	.0908	.0908	.0931	.0933	.0933	.0933

* Revised. * Preliminary. ¹ Annual total; monthly revisions are not available. ² For month shown. ³ For eleven months.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
METALS AND MANUFACTURES—Continued																
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores) thous. sh. tons.....	3,269.3	3,255.0	269.0	293.4	291.6	300.1	313.6	286.1	317.2	309.4	323.8	313.0	321.2	318.0		
Recovery from scrap (aluminum content).....do.....	1,820.0	873.0	68.0	78.0	72.0	72.0	77.0	77.0	77.0	91.0	90.0	88.0	71.0	76.0		
Imports (general):																
Metal and alloys, crude.....do.....	450.5	685.2	52.5	49.7	38.4	51.8	30.5	45.1	49.2	57.9	42.1	41.1	41.4	37.4	35.6	
Plates, sheets, etc.....do.....	56.3	61.8	4.6	5.3	5.5	4.7	1.4	4.8	5.7	7.0	5.6	5.4	5.7	4.3	4.4	
Exports, metal and alloys, crude.....do.....	209.0	180.3	20.4	16.7	18.1	16.4	11.6	7.9	12.1	31.8	23.7	24.5	38.1	34.9	43.1	
Stocks, primary (at reduction plants), end of period:																
thous. sh. tons.....	218.9	70.9	93.9	99.2	99.4	70.9	64.6	52.9	54.6	51.0	45.0	43.4	45.6	53.0		
Price, primary ingot, 99.5% minimum...\$ per lb.....	.2498	.2557	.2600	.2600	.2600	.2600	.2655	.2700	.2700	.2700	.2700	.2700	.2700	.2700	.2700	.2705
Aluminum shipments:																
Ingot and mill products (net).....mil. lb.....	8,836.9	9,991.7	779.9	839.8	807.0	853.2	885.0	880.8	907.6	909.4	931.5	928.8	873.6	852.9		
Mill products, total.....do.....	6,350.6	7,209.8	564.0	625.7	583.7	575.0	642.8	637.7	659.3	651.4	687.5	656.6	626.9	611.6		
Plate and sheet (excluding foil).....do.....	2,868.1	3,404.6	255.4	284.8	268.4	270.1	307.9	322.0	317.9	312.1	337.4	321.5	302.4	298.2		
Castings.....do.....	1,534.7	1,588.3	125.4	145.8	135.0	133.4	156.5	144.4	151.6	152.7	151.7	145.1	124.1			
Copper:																
Production:																
Mine, recoverable copper.....thous. sh. tons.....	954.1	1,204.6	120.5	127.8	122.9	123.9	120.9	118.6	132.9	135.6	128.6	129.3	123.2	125.2	126.5	
Refinery, primary.....do.....	1,133.0	1,437.4	153.4	181.0	165.2	162.0	154.0	131.2	155.3	149.3	151.0	141.8	134.5	130.4	133.6	
From domestic ores.....do.....	846.6	1,160.9	128.6	151.0	139.4	131.5	131.4	115.4	126.5	124.3	127.3	118.2	113.5	108.9	111.4	
From foreign ores.....do.....	286.4	276.5	24.8	30.0	25.9	30.5	22.6	15.8	28.8	25.0	23.7	23.6	21.0	21.4	22.2	
Secondary, recovered as refined.....do.....	394.5	400.9	32.0	32.6	33.7	34.7	37.5	32.0	37.9	36.4	36.8	40.5	37.5	39.1	40.6	
Imports (general):																
Refined, unrefined, scrap (copper cont.).....do.....	644.1	716.7	43.0	29.8	35.5	34.5	11.7	37.4	39.5	40.8	44.2	32.5	33.7	36.3	38.3	
Refined.....do.....	328.3	405.4	8.2	5.5	7.2	4.7	8.3	6.4	10.9	11.0	13.7	15.9	8.5	9.4	7.2	
Exports:																
Refined and scrap.....do.....	241.8	360.8	52.6	35.0	35.2	29.2	15.8	18.2	31.6	27.7	24.0	23.7	23.2	28.9	28.1	
Refined.....do.....	159.4	240.7	39.9	25.4	28.1	23.0	13.0	14.6	24.0	19.0	15.7	17.0	16.3	18.5	17.9	
Consumption, refined (by mills, etc.).....do.....																
1,948.2	1,876.4	187.8	203.7	179.6	162.0	179.6	174.8	180.3	187.0	183.6	194.1	141.7	167.5	180.1		
Stocks, refined, end of period:																
169.5	171.5	199.8	175.2	165.2	171.5	187.6	179.1	165.9	153.8	152.3	138.8	164.5	159.4	136.5		
Fabricators'.....do.....																
114.1	114.9	148.9	130.9	112.7	114.9	118.4	105.2	103.5	106.6	108.5	104.1	122.7	115.8	90.3		
Price, electrolytic (wirebars), dom., delivered[†] \$ per lb.....																
2.3863	4.225	4.212	4.211	4.211	4.211	4.399	4.423	4.479	4.495	4.589	4.642	4.645	4.832	5.176	5.248	
Copper-base mill and foundry products, shipments (quarterly total):																
Copper mill (brass mill) products.....mil. lb.....	2,595	2,757	688			770			831			832				
Copper wire mill products (copper cont.).....do.....	2,356	2,364	559			630			617			671				
Brass and bronze foundry products.....do.....	966	968	222			239			269			260				
Lead:Δ																
Production:																
Mine, recoverable lead.....thous. sh. tons.....	316.9	1,359.2	29.3	42.1	37.9	37.9	37.2	35.1	38.8	42.6	44.2	45.5	44.4	44.5		
Recovered from scrap (lead cont.).....do.....	1,553.8	1,550.0	46.4	50.4	48.0	44.4	49.9	49.3	53.8	50.9	49.7	50.1	44.1	48.8		
Imports (general), ore (lead cont.), metal.....do.....																
488.4	424.6	36.7	30.3	32.3	28.1	19.1	26.3	36.5	47.1	32.1	34.6	38.1	36.6	25.1		
Consumption, total.....do.....																
1,260.5	1,328.8	113.5	130.6	115.4	112.1	115.0	104.8	116.5	114.4	115.9	114.6	100.5	111.7			
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS.....thous. sh. tons.....																
160.2	146.8	157.7	157.1	153.2	146.8	139.4	143.5	134.0	136.7	135.5	135.0	150.1	160.7			
Refiners' (primary), refined and antimonial (lead content).....thous. sh. tons.....																
23.4	15.1	22.3	19.5	15.2	15.1	14.1	10.1	11.2	12.9	18.7	18.1	15.0	15.3			
Consumers' (lead content).....do.....																
105.8	83.8	100.8	84.0	83.8	83.8	82.4	87.9	105.7	121.3	127.6	135.6	142.4	145.1			
Scrap (lead-base, purchased), all smelters (gross weight).....thous. sh. tons.....																
58.0	54.5	50.9	50.1	48.1	54.5	55.4	54.5	56.4	55.2	54.3	51.6	55.9	59.0			
Price, common grade (N.Y.).....\$ per lb.....																
1.400	1.321	1.250	1.279	1.300	1.300	1.341	1.400	1.400	1.440	1.450	1.486	1.545	1.550	1.550	1.550	
Tin:Δ																
Imports (for consumption):																
Ore (tin content).....lg. tons.....	3,255	3,266	0	0	0	85	0	0	0	0	0	0	0	0	0	0
Bars, pigs, etc.....do.....	49,924	57,358	6,847	4,359	6,302	4,226	2,396	6,524	5,218	6,590	7,177	4,544	3,607	4,738	4,805	
Recovery from scrap, total (tin cont.).....do.....	1,22,667	122,495	2,060	2,165	1,930	1,765	1,965	1,875	1,970	2,120	1,935	1,980	1,710	1,775		
As metal.....do.....	1,3,176	12,978	250	245	235	235	225	225	255	235	275	270	250	260		
Consumption, pig, total.....do.....	80,638	81,961	6,680	7,510	6,495	6,485	6,920	6,330	6,755	7,250	7,130	6,905	6,435	6,455	0,625	
Primary.....do.....	57,848	58,859	4,650	4,570	4,570	4,470	4,810	4,585	4,890	5,145	5,075	4,965	4,870	4,665	4,695	
Exports, incl. reexports (metal).....do.....																
2,509	5,027	211	564	805	460	110	198	244	137	154	581	124	83	270		
Stocks, pig (industrial), end of period.....do.....																
18,662	18,534	18,145	16,360	16,270	18,534	14,985	13,810	15,515	15,635	14,940	15,325	14,680	13,645	16,045		
Price, pig, Straits (N.Y.), prompt...\$ per lb.....																
1.5340	1.4811	1.4804	1.5107	1.6214	1.6346	1.6250	1.6518	1.5552	1.5681	1.5667	1.5900	1.6200	1.6590	1.6564	1.6671	
Zinc:Δ																
Mine production, recoverable zinc (thous. sh. tons).....																
549.4	1,529.4	44.4	44.2	43.9	43.8	41.9	42.6	44.4	47.4	47.0	46.2	44.6	45.7			
Imports (general):																
Ores (zinc content).....do.....	534.1	546.4	51.1	41.1	54.9	44.1	48.8	43.6	43.1	37.6	59.6	71.6	49.4	47.1	50.9	
Metal (slab, blocks).....do.....	221.4	305.5	14.9	24.4	23.6	31.2	16.7	22.7	28.4	29.8	32.1	25.9	32.8	27.6	31.4	
Consumption (recoverable zinc content):																
Ores.....do.....	114.3	124.1	10.9	10.7	11.4	10.5	10.8	9.3	10.1	10.8	11.9	10.7	10.0	10.3		
Scrap, all types.....do.....	1240.9	1270.6	19.9	19.8	19.9	19.3	19.0	18.8	19.7	19.3	19.7	19.0	18.6	19.0		
Slab zinc:																
Production (primary smelter), from domestic and foreign ores.....thous. sh. tons.....																
1938.8	1,009.3	86.7	89.5	91.9	91.4	94.0	86.6	94.5	92.5	93.7	92.7	91.4	88.6			
Secondary (redistilled) production.....do.....																
173.5	74.0	7.0	6.3	6.5	6.0	6.1	5.3	6.1	5.3	5.7	5.0	4.6	4.8			
Consumption, fabricators'.....do.....																
1,236.8	1,333.7	108.8	123.7	116.7	108.9	119.1	113.8	126.8	117.8	117.8	115.8	102.7	110.8			
Exports.....do.....																
16.8	33.0	2.3	1.6	(3)	1.3	(3)	(2)	4.9	.1	.2	.4	.2	.7			
Stocks, end of period:																
Producers', at smelter (AZI).....do.....																
81.9	67.4	82.2	70.3	67.6	67.4	50.9	42.7	48.8	42.9	37.9	38.1	43.7	51.1	45.9	48.6	
Consumers'.....do.....																
102.5	96.3	78.9	74.0	73.9	96.3	97.5	99.3	94.6	97.3	97.9	101.8	109.0	104.3			
Price, Prime Western (East St. Louis) \$ per lb.....																
1.384	1.350	1.350	1.350	1.350	1.350	1.384	1.400	1.400	1.400	1.400	1.450	1.450	1.450	1.486	1.550	

† Revised. Δ Preliminary. 1 Annual total; monthly revisions are not available. 2 Jan.-Aug. average. 3 Less than 50 tons. 4 Reported yearend stocks. See BUSINESS STATISTICS note. 5 Average for Apr.-Dec. 6 Beginning Jan. 1969, data are not comparable with those for earlier periods; stocks reflect different method of reporting by one producer.

† Revised. Beginning in the June 1969 SURVEY, averages are delivered prices; differential between delivered and former refinery price is 0.400 cents per lb.

Δ Consumers' and secondary smelters' lead stocks in refinery shapes and in copper-base scrap.

○ Producers' stocks elsewhere, end of Oct. 1969, 10,900 tons.

Δ Data reflect sales from the Government stockpile.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969										
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	
METALS AND MANUFACTURES—Continued																	
HEATING EQUIPMENT, EXC. ELECTRIC																	
Radiators and convectors, shipments:																	
Cast-iron.....mil. sq. ft. radiation.....	1 9.8	6.4	.8	.7	.5	.4	.5	.6	.6	.3	.3	.4	.3	.4			
Nonferrous.....do.....	84.8	2 79.2		11.2	7.7	6.4	7.7	6.4	6.3	5.1	5.7	6.6	5.8	7.0			
Oil burners:																	
Shipments.....thous.....	1 513.2	677.7	73.7	82.6	68.3	55.3	59.8	50.1	52.5	51.7	46.0	52.2	40.3	63.1			
Stocks, end of period.....do.....	3 53.9	29.5	28.4	27.3	27.0	29.5	24.5	28.2	29.3	28.2	21.2	27.9	30.5	28.3			
Ranges, gas, domestic cooking (incl. free-standing, set-in, high-oven ranges, and built-in oven broilers), shipments.....thous.....	2,084.5	2,273.2	211.2	217.0	201.0	202.8	179.7	191.7	226.3	197.3	203.0	213.3	169.0	221.2			
Top burner sections (4-burner equiv.), ship.....do.....	194.3	206.1	19.5	18.4	16.7	16.6	14.7	16.6	18.7	15.5	17.0	17.8	15.6	15.8			
Stoves, domestic heating, shipments, total.....do.....	11,346.8	1,362.9	174.9	197.7	143.7	76.7	73.3	61.4	83.4	80.4	85.9	98.2	128.5	176.4			
Gas.....do.....	1 920.0	968.5	125.1	144.4	108.7	52.3	42.6	32.1	51.5	51.8	60.7	68.6	95.7	133.5			
Warm-air furnaces (forced-air and gravity air-flow), shipments, total.....thous.....	11,448.7	1,727.1	183.1	230.4	174.2	144.7	147.9	136.6	142.1	133.0	143.9	147.8	154.1	172.4			
Gas.....do.....	11,145.7	1,372.0	137.2	177.3	134.6	115.2	122.6	112.5	116.6	110.7	120.2	120.3	124.7	136.3			
Water heaters, gas, shipments.....do.....	2,602.3	2,705.9	209.4	282.7	230.0	207.6	246.3	231.9	244.7	270.1	227.7	210.8	208.2				
MACHINERY AND EQUIPMENT																	
Foundry equipment (new), new orders, net mo. avg. shipments 1957-59=100.....	300.5	270.3	177.4	219.1	307.0	355.6	503.2	325.1	328.0	628.5	310.2	268.6	419.7	469.1	318.3		
Furnaces (industrial) and ovens, etc., new orders (domestic), net.....mil. \$.....	1 140.7	1 121.2	8.2	13.1	9.2	8.0	6.9	12.0	12.4	17.0	9.7	10.4	8.4	6.4	5.9		
Electric processing.....do.....	1 12.3	1 12.1	.8	1.0	1.7	1.0	.8	.5	1.1	1.9	.6	.8	1.2	.3	1.6		
Fuel-fired (exc. for hot rolling steel).....do.....	1 71.6	1 64.6	4.3	9.0	4.0	4.6	3.9	3.8	6.7	9.8	6.6	6.9	4.7	4.0	2.2		
Material handling equipment (industrial):																	
Orders (new), index, seas. adj. 1957-59=100.....	197.9	220.4	219.2	218.2	231.0	233.8	254.9	275.4	216.0	288.1	287.8	233.8	241.3	225.0			
Industrial trucks (electric), shipments:																	
Hand (motorized).....number.....	11,133	10,753	891	1,055	939	845	1,116	1,081	1,248	1,221	1,394	1,336	1,037	1,041	1,282		
Rider-type.....do.....	12,174	12,243	1,007	1,089	1,025	1,027	1,026	1,046	1,267	1,284	1,257	1,205	1,494	900	1,352		
Industrial trucks and tractors (internal combustion engines), shipments.....number.....	41,996	42,601	3,600	4,123	3,473	3,349	4,183	3,850	4,257	3,958	5,137	4,223	3,777	4,074	4,429		
Machine tools:																	
Metal cutting type tools:†																	
Orders, new (net), total.....mil. \$.....	1,134.95	1,079.35	71.05	78.55	97.60	110.15	91.20	93.15	115.90	182.35	113.20	112.70	87.35	66.70	81.70		
Domestic.....do.....	1,024.65	959.90	62.30	70.45	88.60	98.55	76.00	83.15	100.85	173.60	99.05	99.90	70.00	56.45	57.85		
Shipments, total.....do.....	1,353.20	1,358.30	115.55	107.75	103.55	130.15	86.45	97.70	105.30	101.10	98.45	122.20	83.85	74.05	107.70		
Domestic.....do.....	1,211.05	1,238.30	109.15	100.90	96.50	122.65	82.80	90.60	94.70	91.95	88.90	112.40	75.05	63.15	95.85		
Order backlog, end of period.....do.....	1,088.5	809.6	864.7	835.5	829.6	809.6	814.3	809.8	820.4	901.6	916.4	906.9	910.4	903.0	877.0		
Metal forming type tools:†																	
Orders, new (net), total.....do.....	286.65	394.75	22.75	56.35	80.20	39.55	36.30	45.70	45.75	90.20	55.70	49.70	40.65	38.60	24.30		
Domestic.....do.....	248.15	360.55	20.90	54.10	76.70	33.90	32.75	43.10	40.70	86.95	52.75	45.60	37.10	33.30	20.65		
Shipments, total.....do.....	452.75	368.60	26.90	32.90	26.50	37.95	28.30	32.80	33.55	29.05	31.95	40.00	27.90	30.70	36.05		
Domestic.....do.....	406.90	324.45	24.95	29.15	23.05	33.75	25.85	28.70	30.85	25.70	29.50	35.85	26.25	28.05	33.90		
Order backlog, end of period.....do.....	228.3	254.5	175.7	199.2	252.9	254.5	262.5	275.4	287.6	348.7	372.5	382.2	394.9	402.8	391.1		
Other machinery and equip., qtrly. shipments:																	
Tractors used in construction:																	
Tracklaying, total.....mil. \$.....	1 377.8	1 453.4	120.3			109.6			147.2			134.8	44.6	21.0			
Wheel (contractors' off-highway).....do.....	1 92.8		19.3						45.1			53.5					
Tractor shovel loaders (integral units only), wheel and tracklaying types.....mil. \$.....	1 407.0	1 502.6	125.3			129.7			167.0			173.2					
Tractors, wheel (excl. garden and contractors' off-highway types).....mil. \$.....	1 986.2	1 938.4	178.6			220.8			222.5			247.5	42.9	53.0			
Farm machines and equipment (selected types), excl. tractors.....mil. \$.....	1,203.5	1,221.5	266.4			237.0			363.5			317.2					
ELECTRICAL EQUIPMENT																	
Batteries (auto. replacement), shipments.....thous.....	32,061	34,960	3,567	4,029	3,722	3,673	3,768	2,680	2,329	2,094	1,950	2,324	2,485	3,120			
Household electrical appliances:																	
Ranges, incl. built-ins, shipments (manufacturers'), domestic and export.....thous.....	1,909.7	2,308.8	170.5	232.5	201.7	194.1	194.0	196.7	208.0	212.9	194.2	200.6	209.2	195.2	194.6		
Refrigerators and home freezers, output 1957-59=100.....	145.8	165.6	182.2	191.3	166.3	159.7	188.0	205.1	210.2	219.7	212.2	207.3	196.6	125.0	194.1		
Vacuum cleaners, sales billed.....thous.....	5,677.4	6,653.1	642.6	682.1	563.4	609.7	560.7	551.6	666.4	602.5	515.9	514.6	499.6	562.8	765.0		
Washers, sales (dom. and export).....do.....	4,376.0	4,517.9	445.1	455.9	344.8	298.7	355.5	362.3	377.5	332.8	332.9	381.5	395.4	417.9	433.5		
Driers (gas and electric), sales (domestic and export).....thous.....	2,642.3	2,861.8	318.7	375.7	289.2	257.6	274.4	247.7	237.2	173.3	146.1	190.0	220.9	276.1	350.4		
Radio sets, production.....do.....	21,698	22,566	2,415	1,950	1,982	2,449	1,769	1,714	2,085	1,532	1,534	1,860	1,239	1,827	2,211	1,839	
Television sets (incl. combination), prod. ....do.....	10,881	11,794	1,237	1,156	1,063	1,150	960	1,002	1,235	865	845	1,070	614	877	1,167	984	
Electron tubes and semiconductors (excl. receiving, power, and spec. purpose tubes), sales.....mil. \$.....	712.0	690.1	59.5	60.4	55.8	59.0	56.9	60.6	68.1	64.4	64.5	69.5	51.8	63.5	71.2		
Motors and generators:																	
New orders, index, qtrly 1947-49=100.....	205	206	208			205			210			236			213		
New orders (gross):																	
Polyphase induction motors, 1-200 hp.....mil. \$.....	97.6	96.6	8.9	9.0	7.2	8.9	8.0	8.7	8.9	9.9	9.8	9.5	8.8	8.0	10.3		
D.C. motors and generators, 1-200 hp.....do.....	47.5	49.5	4.4	4.8	3.7	3.9	3.6	4.2	4.8	4.2	5.6	5.3	4.8	3.8	4.0		

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production.....thous. sh. tons.....	12,256	11,631	1,021	1,000	960	988	917	900	1,014	1,038	926	880	807	952	873	861
Exports.....do.....	595	518	75	48	53	37	17	14	18	39	76	59	194	111	41	
Price, wholesale, chestnut, f.o.b. car at mine \$ per sh. ton.....	12.892	13.813	13.825	14.175	14.175	14.955	14.955	15.002	15.002	14.708	14.220	14.220	14.778	14.778		
Bituminous:																
Production.....thous. sh. tons.....	552,626	545,245	47,710	37,710	44,612	45,227	47,702	41,930	44,017	46,911	48,683	43,366	36,914	47,633	47,270	

Revised. 1 Revised total; monthly revisions are not available. 2 Total for 11 months.
 3 Reported yearend stocks. See BUSINESS STATISTICS. 4 For month shown. 5 Data cover 5 weeks; other periods, 4 weeks. 6 Excludes orders for motors 1-200 hp.; domestic sales of this class in 1968 totaled \$108.6 mil.; Sept. 1969, \$10.0 mil. 7 Effective 1st quarter 1967, tractor shovel loaders include types not previously covered and off-highway wheel tractors exclude types previously covered. 8 Data cover 6 weeks.

Effective with Apr. 1969 SURVEY, data revised back to Jan. 1966.
 Revised series. Monthly data for 1956-66 are on p. 35 ff. of the Mar. 1968 SURVEY.
 Revised to include combination washer-driers.
 Radio production comprises table, portable battery, auto, and clock models; television sets cover monochrome and color units.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS

	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

PETROLEUM, COAL, AND PRODUCTS—Continued

COAL—Continued																
Bituminous—Continued																
Industrial consumption and retail deliveries, total ¹.....thous. sh. tons..	480,416	498,830	37,471	39,636	41,357	46,472	48,558	42,268	44,410	38,584	39,004	39,466	42,074	41,828	-----	-----
Electric power utilities.....do.....	271,784	294,739	22,850	23,764	24,781	27,869	29,041	24,771	26,304	22,383	23,142	24,391	27,173	26,794	-----	-----
Mfg. and mining industries, total.....do.....	191,066	188,450	13,624	14,467	15,196	16,759	16,919	15,490	16,594	15,643	15,452	14,709	14,418	14,426	-----	-----
Coke plants (oven and beehive).....do.....	92,272	90,765	6,646	6,600	6,710	7,302	7,452	6,971	7,665	7,652	7,954	7,743	7,833	7,840	-----	-----
Retail deliveries to other consumers.....do.....	17,099	15,224	943	1,357	1,339	1,830	2,597	2,007	1,509	530	374	335	442	538	-----	-----
Stocks, industrial and retail dealers', end of period, total.....thous. sh. tons..																
Electric power utilities.....do.....	93,128	85,525	96,220	91,966	90,518	85,525	78,152	76,056	72,416	77,054	82,084	82,763	74,397	75,029	-----	-----
Electric power utilities.....do.....	69,737	64,168	70,633	68,880	68,613	64,168	58,713	57,018	54,762	58,267	62,097	62,297	56,758	56,975	-----	-----
Mfg. and mining industries, total.....do.....	23,212	21,169	25,372	22,885	21,725	21,169	19,291	18,913	17,569	18,699	19,875	20,316	17,480	17,881	-----	-----
Oven-coke plants.....do.....	10,940	9,537	11,209	9,540	9,554	9,537	8,650	8,222	7,422	8,001	8,743	8,822	6,470	6,519	-----	-----
Retail dealers.....do.....	179	188	215	201	180	188	148	125	85	88	112	150	159	173	-----	-----
Exports.....do.....	49,510	50,636	5,406	3,783	4,534	4,249	3,654	2,939	2,680	4,503	6,010	5,712	4,836	4,927	4,882	-----
Prices, wholesale:																
Screenings, indust. use, f.o.b. mine \$ per sh. ton..	5.217	5.397	5.336	5.467	5.607	5.804	5.804	5.804	5.804	5.847	5.897	5.932	6.068	6.068	-----	-----
Domestic, large sizes, f.o.b. mine.....do.....	6.795	6.944	6.810	7.021	7.421	7.488	7.456	7.456	7.456	6.988	6.988	7.081	7.343	7.414	-----	-----
COKE																
Production:																
Beehive.....thous. sh. tons..	806	774	51	46	48	48	43	42	52	60	53	53	47	70	-----	-----
Oven (byproduct).....do.....	63,775	62,878	4,633	4,613	4,669	5,137	5,177	4,873	5,297	5,312	5,523	5,347	5,387	5,412	-----	-----
Petroleum coke.....do.....	18,187	19,038	1,627	1,622	1,577	1,651	1,481	1,482	1,675	1,674	1,689	1,771	1,811	-----	-----	
Stocks, end of period:																
Oven-coke plants, total.....do.....	5,467	5,985	5,393	5,759	5,929	5,985	5,865	5,565	5,019	4,507	4,162	3,896	3,787	3,816	-----	-----
At furnace plants.....do.....	4,961	5,637	4,969	5,364	5,590	5,637	5,542	5,278	4,796	4,310	3,969	3,729	3,594	3,629	-----	-----
At merchant plants.....do.....	506	348	424	395	338	348	323	286	223	197	193	167	193	186	-----	-----
Petroleum coke.....do.....	1,364	1,239	1,319	1,233	1,240	1,239	1,298	1,299	1,261	1,309	1,318	1,382	1,314	-----	-----	
Exports.....do.....	710	792	58	68	82	99	105	77	157	148	130	178	181	100	-----	-----
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed.....number.....	15,367	14,426	1,350	1,185	1,159	1,877	1,156	799	1,344	1,094	1,036	1,277	1,091	1,261	-----	-----
Price at wells (Oklahoma).....\$ per bbl.	3.02	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.18	3.21	3.21	3.21	3.21	3.21	-----	-----
Runs to stills.....mil. bbl.	3,582.6	3,774.4	312.4	319.5	304.8	324.7	303.8	299.3	325.7	312.1	326.2	324.7	339.2	334.9	-----	-----
Refinery operating ratio.....% of capacity..	93	93	92	91	90	92	86	94	92	92	90	92	94	-----	-----	
All oils, supply, demand, and stocks:																
New supply, total.....mil. bbl.	4,656.3	4,921.0	398.6	414.3	399.9	427.0	427.7	388.9	435.9	418.8	429.1	417.1	424.5	423.8	-----	-----
Production:																
Crude petroleum.....do.....	3,215.7	3,328.9	268.0	276.4	269.3	276.1	275.0	249.4	280.1	277.0	289.3	288.3	287.2	280.7	-----	-----
Natural-gas plant liquids.....do.....	514.5	550.3	44.6	46.7	46.5	48.3	48.7	45.5	49.6	47.6	49.3	47.2	48.7	49.0	-----	-----
Imports:																
Crude and unfinished oils.....do.....	411.6	474.7	42.5	45.9	40.8	52.1	37.6	40.1	48.4	46.1	46.6	43.8	43.2	48.4	-----	-----
Refined products.....do.....	514.3	563.7	43.1	45.1	43.1	50.0	66.4	53.9	57.9	48.1	43.8	37.8	45.4	45.8	-----	-----
Change in stocks, all oils (decrease,—).....do.....	63.0	55.5	21.9	9.1	-5.8	-36.1	-61.2	-32.6	-2.0	17.4	28.9	25.8	18.2	10.2	-----	-----
Demand, total.....do.....	4,593.3	4,872.8	375.8	406.8	406.8	463.3	490.3	420.7	437.8	402.8	401.9	390.7	408.8	414.1	-----	-----
Exports:																
Crude petroleum.....do.....	26.5	1.8	.1	.1	.4	.1	0	.2	.2	.1	.2	(?)	0	.1	-----	-----
Refined products.....do.....	85.5	83.4	7.4	6.5	6.6	7.2	5.8	6.1	6.9	6.7	7.6	7.5	6.5	8.5	-----	-----
Domestic demand, total.....do.....	4,481.2	4,787.6	368.3	400.2	399.8	456.0	484.5	414.3	430.7	396.0	394.1	383.2	402.3	408.4	-----	-----
Gasoline.....do.....	1,842.7	1,955.8	159.8	170.1	158.4	161.7	158.4	145.2	159.8	168.6	177.6	173.1	188.4	185.0	-----	-----
Kerosene.....do.....	100.1	103.1	6.6	7.8	10.5	13.4	15.5	11.9	10.2	5.8	5.5	4.5	5.6	5.2	-----	-----
Distillate fuel oil.....do.....	818.2	862.7	53.8	62.4	76.4	106.7	119.2	96.3	91.1	66.9	58.7	51.6	49.9	50.8	-----	-----
Residual fuel oil.....do.....	651.9	679.9	48.3	50.9	57.6	71.4	82.5	68.1	68.1	58.6	51.8	47.5	48.4	51.3	-----	-----
Jet fuel.....do.....	300.8	348.3	29.7	32.9	28.5	29.4	28.9	26.2	30.6	28.7	29.8	31.4	31.7	31.2	-----	-----
Lubricants.....do.....	44.1	48.2	4.0	4.4	3.8	3.9	3.7	3.6	4.0	4.2	4.4	4.1	4.3	4.1	-----	-----
Asphalt.....do.....	131.1	141.1	17.5	17.0	9.0	5.5	4.0	5.1	5.7	9.3	13.5	17.0	18.4	19.1	-----	-----
Liquefied gases.....do.....	344.5	385.7	27.1	32.9	36.4	42.7	52.1	39.1	38.2	31.6	29.1	29.4	30.4	32.4	-----	-----
Stocks, end of period, total.....do.....																
Crude petroleum.....do.....	1,944.1	999.6	1,032.5	1,041.5	1,035.7	999.6	938.3	905.7	904.7	922.1	951.0	976.9	995.1	1,005.2	-----	-----
Unfinished oils, natural gasoline, etc.....do.....	249.0	272.2	262.8	266.3	271.6	272.2	279.5	265.3	284.2	273.2	281.3	284.5	277.5	267.7	-----	-----
Refined products.....do.....	1,960.0	98.9	98.4	101.5	99.9	98.9	96.0	99.4	100.6	106.6	111.5	110.3	108.7	104.6	-----	-----
Refined products.....do.....	1,599.2	628.5	671.2	673.7	664.2	628.5	562.8	541.1	539.9	542.3	558.3	582.0	608.9	632.9	-----	-----
Refined petroleum products:																
Gasoline (incl. aviation):																
Production.....do.....	1,845.8	1,940.0	167.2	166.6	162.4	172.9	159.2	151.6	163.9	154.3	167.1	166.0	177.8	-----	-----	
Exports.....do.....	4.9	2.3	.2	.2	.1	.1	.1	.1	(?)	.2	.4	.2	.3	-----	-----	
Stocks, end of period.....do.....	208.0	211.5	195.1	193.2	198.9	211.5	214.5	222.6	229.2	216.6	207.7	201.8	193.1	-----	-----	
Prices (excl. aviation):																
Wholesale, ref. (Okla., group 3).....\$ per gal.	.117	.113	.115	.110	.110	.110	.115	.113	.123	.118	.115	.115	.113	.120	-----	-----
Retail (regular grade, excl. taxes), 55 cities (1st of following mo.).....\$ per gal.	.226	.230	.234	.228	.226	.235	.235	.233	.242	.244	.242	.245	.242	.235	.240	.232
Aviation gasoline:																
Production.....mil. bbl.	37.1	31.6	3.0	3.0	2.4	2.3	1.5	1.7	2.7	2.0	2.2	2.4	2.6	-----	-----	
Exports.....do.....	4.0	2.1	.2	.2	.1	.1	(?)	.1	(?)	.1	.3	.1	.2	-----	-----	
Stocks, end of period.....do.....	7.9	7.0	6.3	6.7	7.0	7.0	6.5	6.5	6.6	6.0	5.5	5.3	5.3	-----	-----	
Kerosene:																
Production.....do.....	100.4	101.6	7.5	8.7	8.7	9.9	11.3	11.0	10.4	7.2	7.1	7.9	7.5	-----	-----	
Stocks, end of period.....do.....	25.4	23.5	28.0	28.7	27.1	23.5	19.4	18.6	18.9	20.3	22.0	25.3	27.3	-----	-----	
Price, wholesale, bulk lots (N.Y. Harbor) \$ per gal.	.110	.113	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	-----	-----

¹ Revised.
² See note "Q" for this page. ³ Less than 50 thousand barrels.
⁴ Includes small amounts of "other hydrocarbons and hydrogen refinery input," not shown separately.
⁵ Beginning 1967, data reflect change in reporting to show all stocks of unfinished oils, natural gasoline, plant condensate, and isopentane as one item, and stocks of "finished products" as another (both items include stocks at refineries, natural gas processing plants, terminals, and bulk stations). Also, as a result of increased coverage in certain bulk terminals stocks of distillate and residual fuels are on a new basis. Dec. 1966 data on new basis (mil. bbl.): Total stocks, 881.1; distillate, 158.1; residual, 63.9.
⁶ Includes data not shown separately. ⁷ Includes nonmarketable catalyst coke.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																
Refined petroleum products—Continued																
Distillate fuel oil:																
Production..... mil. bbl.	804.8	840.7	66.1	66.0	66.1	71.2	69.4	66.4	74.0	66.7	67.3	71.3	73.6			
Imports..... do	18.5	36.6	2.6	2.2	2.5	4.7	7.3	6.0	7.0	3.5	2.6	2.2	2.8			
Exports..... do	4.3	1.8	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			
Stocks, end of period..... do	159.7	173.2	206.0	211.8	204.0	173.2	130.6	106.6	96.6	99.8	110.9	132.6	159.1			
Price, wholesale (N.Y. Harbor, No. 2 fuel) \$ per gal.	.100	.103	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101		
Residual fuel oil:																
Production..... mil. bbl.	276.0	275.8	19.4	20.4	23.7	27.6	27.9	25.1	25.3	23.6	21.2	19.4	19.5			
Imports..... do	395.9	421.6	31.3	32.6	31.8	38.3	54.5	42.6	41.4	38.8	34.2	29.1	32.3			
Exports..... do	21.9	20.0	1.3	1.3	1.0	1.5	1.7	1.7	1.7	1.1	1.7	1.4	1.1			
Stocks, end of period..... do	165.6	67.4	75.8	76.9	74.0	67.4	63.0	59.9	57.2	60.2	62.6	62.5	65.1			
Price, wholesale (Okla., No. 6) \$ per bbl.	1.47	1.40	1.35	1.35	1.35	1.35	1.60	1.60	1.45	1.45	1.45	1.45	1.45	1.45		
Jet fuel (military grade only):																
Production..... mil. bbl.	273.2	314.3	27.4	29.3	25.8	25.9	24.5	25.4	26.8	27.5	27.8	28.2	29.2			
Stocks, end of period..... do	22.2	24.3	25.1	24.8	24.8	24.3	22.9	24.9	25.6	26.8	28.3	28.4	29.9			
Lubricants:																
Production..... do	64.9	65.7	5.6	5.8	5.5	5.4	4.7	4.4	5.6	5.5	5.7	5.3	5.5			
Exports..... do	18.7	18.2	1.8	1.3	1.7	1.3	1.9	.8	1.4	1.4	1.7	1.9	1.1			
Stocks, end of period..... do	14.8	14.0	13.5	13.7	13.8	14.0	13.9	13.8	14.0	13.9	13.5	12.8	12.8			
Price, wholesale, bright stock (midcontinent, f.o.b., Tulsa) \$ per gal.	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270		
Asphalt:																
Production..... mil. bbl.	127.8	135.5	14.8	14.0	10.9	7.8	5.5	6.2	8.5	10.2	12.9	14.3	15.1			
Stocks, end of period..... do	19.9	20.1	17.2	15.0	17.4	20.1	21.9	24.4	27.3	28.4	28.3	26.1	23.4			
Liquefied gases (incl. ethane and ethylene): \$																
Production, total..... mil. bbl.	438.1	469.3	38.4	39.3	39.2	41.6	40.9	38.9	43.0	41.4	42.7	40.8	41.7			
At gas processing plants (L.P.G.)..... do	326.6	351.3	28.6	30.0	30.3	31.8	31.8	29.8	32.5	31.1	31.9	30.1	30.4			
At refineries (L.R.G.)..... do	111.5	118.1	9.8	9.3	8.9	9.8	9.1	9.1	10.5	10.2	10.8	10.7	11.3			
Stocks (at plants and refineries)..... do	64.2	76.2	91.9	90.8	85.5	76.2	58.4	52.5	51.7	57.2	65.6	72.5	78.5			
Asphalt and tar products, shipments:																
Asphalt roofing, total..... thous. squares	76,500	77,984	8,343	8,497	6,110	4,538	4,612	5,022	5,159	6,136	7,322	8,082	7,922	8,185	8,912	
Roll roofing and cap sheet..... do	30,509	31,032	3,346	3,375	2,549	1,972	2,001	2,160	2,189	2,473	2,804	3,138	3,086	3,249	3,564	
Shingles, all types..... do	45,991	46,952	4,997	5,122	3,562	2,567	2,611	2,862	2,970	3,663	4,518	4,944	4,836	4,936	5,347	
Asphalt siding..... do	468	422	44	55	48	29	32	24	22	26	33	32	31	34	42	
Insulated siding..... do	445	411	42	53	28	19	10	13	23	34	34	40	35	40	27	
Saturated felts..... thous. sh. tons	876	886	82	89	70	62	64	70	68	73	78	83	76	80	87	

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts..... thous. cords (128 cu. ft.)	257,219	57,155	4,933	5,337	4,804	4,566	4,860	4,666	5,057	4,845	4,967	5,258	5,224	5,466		
Consumption..... do	255,773	58,358	4,733	5,235	5,099	4,738	5,153	4,829	5,387	5,050	5,320	5,413	5,078	5,405		
Stocks, end of period..... do	6,825	5,031	5,274	5,398	5,127	5,031	4,671	4,458	4,254	4,092	3,771	3,597	3,770	3,949		
Waste paper:																
Consumption..... thous. sh. tons	9,888	10,285	850	929	858	798	882	827	931	903	915	883	792	909		
Stocks, end of period..... do	826	586	513	548	544	586	584	580	570	585	574	577	608	581		
WOODPULP																
Production:																
Total, all grades..... thous. sh. tons	236,660	37,903	3,053	3,360	3,190	2,898	3,249	3,049	3,418	3,433	3,603	3,536	3,329	3,558		
Dissolving and special alpha..... do	21,448	1,725	133	151	166	142	157	131	156	124	144	151	127	156		
Sulfate..... do	223,925	24,308	1,953	2,180	2,074	1,803	2,110	1,979	2,251	2,344	2,456	2,397	2,273	2,420		
Sulfite..... do	2,563	2,508	197	214	204	191	188	189	206	189	199	196	181	198		
Groundwood..... do	2,879	4,237	344	363	355	345	361	333	364	347	363	362	338	358		
Defibrated or exploded..... do	2,146	1,540	128	136	104	130	131	128	134	129	135	135	132	133		
Soda, semichem., screenings, etc..... do	3,385	3,584	298	316	287	286	303	288	308	298	305	295	277	292		
Stocks, end of period:																
Total, all mills..... do	863	741	746	787	775	741	771	807	815	862	840	857	802	788		
Pulp mills..... do	365	278	315	346	339	278	322	331	313	336	327	344	284	286		
Paper and board mills..... do	418	376	364	371	367	376	374	396	422	442	430	433	443	430		
Nonpaper mills..... do	80	86	67	70	68	86	75	79	80	84	83	80	75	72		
Exports, all grades, total:																
Dissolving and special alpha..... do	1,710	1,902	163	128	165	191	113	125	169	178	212	171	207	196	148	
All other..... do	607	671	66	32	65	64	31	37	67	74	70	61	62	79	68	
All other..... do	1,102	1,231	97	96	99	128	82	88	102	104	142	111	145	118	80	
Imports, all grades, total:																
Dissolving and special alpha..... do	3,162	3,540	258	304	299	346	289	324	313	355	331	349	338	307	320	
All other..... do	265	302	26	27	19	38	22	18	26	27	23	27	26	18	22	
All other..... do	2,898	3,238	232	277	280	308	267	305	288	328	308	322	312	289	299	
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, unadjusted..... thous. sh. tons	246,893	49,444	4,017	4,436	4,108	4,100	4,433	4,212	4,676	4,508	4,597	4,535	4,227	4,517		
Paper..... do	220,703	22,122	1,810	1,975	1,843	1,829	1,995	1,874	2,051	1,955	1,974	1,968	1,822	1,973		
Paperboard..... do	22,346	22,821	1,808	2,044	1,889	1,926	2,093	2,025	2,236	2,156	2,221	2,180	2,029	2,162		
Wet-machine board..... do	146	142	12	12	10	12	12	12	12	12	12	11	9	11		
Construction paper and board..... do	3,697	4,358	386	406	366	334	333	301	377	385	390	376	368	370		
New orders (American Paper Institute):																
All grades, paper and board..... do	46,074	50,207	4,074	4,544	4,158	3,983	4,480	4,236	4,721	4,618	4,676	4,553	4,193	4,520		
Wholesale price indexes:																
Printing paper..... 1957-59=100	101.9	101.4	100.6	100.6	100.6	100.6	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	
Book paper, A grade..... do	117.6	119.6	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	122.1	123.2	123.2	123.2		
Paperboard..... do	95.0	92.2	90.9	91.0	91.0	91.4	92.2	92.6	93.6	93.5	93.5	93.5	93.7	95.8		
Building paper and board..... do	91.9	92.8	93.5	93.7	93.8	94.8	97.3	98.2	99.6	100.4	100.7	99.4	95.9	95.2		

* Revised. P Preliminary.

1 See note "P" for p. S-35.

2 Reported annual total; revisions not allocated to the months.

§Data have been restated to include production and stocks for chemical use (formerly excluded).

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS

	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

PULP, PAPER, AND PAPER PRODUCTS—Continued

PAPER AND PAPER PRODUCTS—Con.																
Selected types of paper (APD):																
Fine paper:																
Orders, new.....thous. sh. tons..	2,645	2,880	232	243	237	210	274	260	269	271	279	* 264	* 237	* 243		
Orders, unfilled, end of period.....do.....	157	216	226	223	226	216	243	244	237	259	280	* 279	* 258	* 250		
Production.....do.....	2,659	2,864	229	260	239	235	264	248	256	258	262	* 265	* 285	* 243		
Shipments.....do.....	2,658	2,831	229	253	223	235	265	247	256	258	263	* 264	* 235	* 243		
Printing paper:																
Orders, new.....do.....	6,335	6,865	560	635	541	533	594	557	620	585	599	* 523	* 541	* 567		
Orders, unfilled, end of period.....do.....	449	502	528	541	495	502	498	557	520	555	531	* 551	* 510	* 513		
Production.....do.....	6,332	6,737	557	615	552	557	592	551	617	596	586	* 585	* 545	* 578		
Shipments.....do.....	6,332	6,737	557	615	552	557	592	551	617	596	586	* 585	* 545	* 578		
Coarse paper:																
Orders, new.....do.....	4,678	5,012	437	441	421	392	463	422	467	416	418	* 434	* 418	* 439		
Orders, unfilled, end of period.....do.....	214	264	299	275	282	264	272	282	292	261	253	* 283	* 245	* 260		
Production.....do.....	4,753	4,992	419	425	430	412	443	428	467	418	433	* 434	* 380	* 433		
Shipments.....do.....	4,685	4,931	421	424	422	413	444	423	460	414	422	* 433	* 387	* 427		
Newsprint:																
Canada:																
Production.....do.....	8,051	8,031	576	719	702	683	710	681	743	690	748	720	726	751	706	
Shipments from mills.....do.....	7,968	8,096	622	760	761	742	644	615	726	684	794	721	720	705	725	
Stocks at mills, end of period.....do.....	268	203	262	320	262	203	268	334	351	358	311	309	315	362	343	
United States:																
Production.....do.....	2,620	2,935	240	257	248	233	275	252	279	265	277	273	247	269	253	
Shipments from mills.....do.....	2,602	2,946	240	259	255	249	265	251	274	262	269	275	249	256	255	
Stocks at mills, end of period.....do.....	39	27	52	50	43	27	38	38	44	47	55	53	51	63	62	
Consumption by publishers ³.....do.....	6,907	7,025	599	645	652	630	564	541	638	616	661	607	550	582	606	
Stocks at and in transit to publishers, end of period.....thous. sh. tons..	630	633	559	660	623	633	644	655	673	662	678	647	681	683	676	
Imports.....do.....	6,599	6,462	451	568	514	636	489	510	532	567	532	601	604	539	606	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered.....\$ per sh. ton..	130.95	141.40	141.40	141.40	141.40	141.40	146.10	146.10	146.10	146.10	146.10	146.10	146.10	146.10	146.10	
Paperboard (American Paper Institute):																
Orders, new (weekly avg.).....thous. sh. tons..	444	454	470	536	511	454	467	530	556	523	534	528	464	504	506	542
Orders, unfilled.....do.....	318	369	395	921	966	869	894	943	1,009	1,042	1,032	1,035	1,048	963	963	1,004
Production, total (weekly avg.).....do.....	439	450	469	512	502	518	509	512	528	509	534	529	463	514	489	524
Percent of activity (based on 6.5-day week).....	87															
Paper products:																
Shipping containers, corrugated and solid fiber, shipments.....mil. sq. ft. area..	162,506	173,834	15,348	17,156	15,123	13,861	14,384	14,141	15,474	15,706	16,056	14,765	14,754	15,519	16,737	17,856
Folding paper boxes, shipments, index of physical volume.....1947-49=100..	134.5	138.0	141.8	161.2	136.1	142.2	137.4	134.1	139.1	141.4	143.4	139.6	138.4	* 144.3	* 145.5	

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. lg. tons..	488.85	581.86	49.70	54.57	48.97	46.79	50.41	46.40	50.01	49.29	56.54	49.54	* 43.89	46.29	51.77	
Stocks, end of period.....do.....	111.66	107.76	107.19	104.69	99.79	107.76	98.00	92.15	104.71	107.43	108.52	107.35	* 104.91	104.45	107.43	
Imports, incl. latex and guayule.....do.....	452.80	540.17	63.33	36.24	43.69	49.58	21.81	49.00	59.78	54.39	48.00	46.66	40.84	55.13	49.49	
Price, wholesale, smoked sheets (N.Y.).....\$ per lb..	.199	.198	.201	.215	.228	.228	.221	.231	.239	.270	.260	.268	.285	.314	.279	.265
Synthetic rubber:																
Production.....thous. lg. tons..	1,311.87	2,131.10	172.89	178.43	180.62	183.63	181.63	174.97	193.14	186.20	191.42	183.78	* 179.34	182.99	189.30	
Consumption.....do.....	1,628.26	1,896.15	158.82	179.13	161.93	154.85	169.56	163.47	174.07	163.34	165.94	168.46	* 147.88	157.45	176.02	
Stocks, end of period.....do.....	369.94	369.98	361.12	347.40	347.01	369.98	379.54	388.14	392.56	401.22	407.91	413.46	* 420.86	428.41	421.70	
Exports (Bu. of Census).....do.....	296.80	291.93	37.76	13.58	18.28	18.77	4.56	7.03	13.55	25.93	23.22	21.90	18.32	23.65	21.68	
Reclaimed rubber:																
Production.....do.....	243.65	257.22	20.33	22.66	20.19	19.88	21.71	20.22	22.12	21.69	19.74	20.16	* 18.06	18.93	19.27	
Consumption.....do.....	239.27	250.43	20.19	22.42	19.86	19.15	21.32	21.92	21.90	20.74	20.80	22.38	* 17.90	17.88	19.85	
Stocks, end of period.....do.....	28.40	29.58	29.87	29.78	29.64	29.58	29.76	30.42	30.43	31.78	30.59	30.78	* 31.43	31.73	31.12	
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production.....thous..	163,192	203,952	16,506	18,695	16,831	16,186	18,081	17,170	18,269	17,283	16,882	17,435	15,447	15,820		
Shipments, total.....do.....	172,939	199,337	18,226	19,623	15,450	12,832	15,223	14,160	17,995	20,046	18,966	20,115	16,681	15,678		
Original equipment.....do.....	47,733	58,365	5,365	5,679	5,899	4,898	5,062	4,551	5,212	4,966	4,744	5,009	* 2,514	3,428		
Replacement equipment.....do.....	123,985	137,779	12,514	13,681	9,372	8,743	10,074	9,497	11,645	14,830	13,077	14,847	* 13,973	12,025		
Export.....do.....	2,121	3,193	407	264	178	190	87	112	238	219	185	259	194	224		
Stocks, end of period.....do.....	34,782	12,127	38,719	37,560	30,698	42,127	45,124	48,469	50,365	48,131	47,433	45,135	44,817	44,686		
Exports (Bu. of Census).....do.....	1,450	2,518	387	245	157	144	53	26	293	191	174	264	147	275	322	
Inner tubes, automotive:																
Production.....do.....	39,775	43,791	3,428	4,094	3,474	3,277	3,899	3,584	3,756	3,562	3,402	3,375	3,160	3,692		
Shipments.....do.....	41,891	43,957	3,658	4,230	3,209	3,031	4,720	3,466	3,602	3,600	3,458	4,041	3,929	3,495		
Stocks, end of period.....do.....	11,005	11,828	12,442	11,146	11,489	11,828	11,203	11,190	11,546	11,586	11,871	11,499	11,088	11,163		
Exports (Bu. of Census).....do.....	349	1,390	266	152	109	87	73	31	118	115	130	91	66	99	111	

* Revised. * Preliminary. * Revisions for Jan.-Aug. 1968 for synthetic rubber consumption are as follows (thous. lg. tons): 162.96; 151.29; 162.07; 155.85; 162.67; 153.44; 135.82; 134.33.

³ As reported by publishers accounting for about 75 percent of total newsprint consumption. ⁴ 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.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																
Shipments, finished cement.....thous. bbl.	374,017	1,397,448	39,855	45,358	30,954	22,760	19,088	20,096	26,106	34,646	39,271	41,012	42,386	42,988	43,086	
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face)																
mil. standard brick	7,117.4	7,534.0	672.0	741.0	603.2	489.3	430.7	467.2	601.0	693.9	705.6	698.5	699.1	664.9		
Structural tile, except facing.....thous. sh. tons.	234.5	192.5	18.3	17.1	15.3	16.5	16.6	18.9	22.0	23.8	23.3	21.3	22.1	19.0		
Sewer pipe and fittings, vitrified.....do.	1,572.2	1,705.5	169.6	170.3	128.7	110.4	96.0	108.5	133.6	153.5	163.5	183.1	174.7	170.7		
Facing tile (hollow), glazed and unglazed																
mil. brick equivalent.....do.	240.1	220.6	18.8	21.0	18.2	20.2	17.2	14.9	17.9	17.8	17.7	18.4	18.9	18.5		
Floor and wall tile and accessories, glazed and unglazed.....mil. sq. ft.	257.5	274.5	23.9	24.5	21.2	20.2	23.0	21.8	24.8	25.1	25.5	26.2	23.8	24.1		
Price index, brick (common), f.o.b. plant or N.Y. dock.....1957-59=100.	113.4	117.1	117.6	118.1	119.6	120.2	120.4	120.5	120.5	122.2	122.4	122.6	122.7	122.7		
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments.....thous. \$.	332,067	387,469	98,192			108,776			117,708			108,684				
Sheet (window) glass, shipments.....do.	131,567	139,391	35,843			39,539			39,560			36,987				
Plate and other flat glass, shipments.....do.	200,500	248,078	62,349			69,237			78,148			71,697				
Glass containers:																
Production.....thous. gross.	225,579	(¹)	21,368	22,870	21,120	19,921	22,370	19,362	23,205	21,056	22,453	22,743	21,527	22,362	21,573	
Shipments, domestic, total.....do.	228,766	(¹)	20,034	20,902	18,705	20,795	18,627	17,851	20,801	20,973	21,242	22,246	21,795	22,623	22,836	
General-use food:																
Narrow-neck food.....do.	23,631	(¹)	2,681	2,252	1,575	1,698	1,858	1,737	2,174	1,882	1,876	1,970	2,055	2,590	2,816	
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars).....thous. gross.	57,852	(¹)	4,763	5,591	4,983	5,017	4,703	4,311	4,546	4,598	4,580	4,745	4,702	5,269	5,332	
Beverage.....do.	38,185	(¹)	3,609	4,190	3,882	5,113	3,454	3,386	4,226	4,665	5,098	5,952	5,400	4,841	4,586	
Beer bottles.....do.	44,501	(¹)	4,081	3,373	3,268	3,506	3,617	3,406	4,328	4,586	4,573	4,359	5,114	4,927	4,802	
Liquor and wine.....do.	19,459	(¹)	1,637	1,802	1,586	1,673	1,557	1,513	1,818	1,743	1,598	1,823	1,594	1,668	1,869	
Medicinal and toilet.....do.	38,516	(¹)	2,810	3,189	2,934	3,237	2,996	3,064	3,220	3,075	3,103	2,983	2,556	2,902	3,018	
Chemical, household and industrial.....do.	5,664	(¹)	390	440	417	483	380	386	434	379	366	366	330	381	365	
Dairy products.....do.	958	(¹)	63	65	60	68	62	48	55	45	48	48	44	45	48	
Stocks, end of period.....do.	22,546	23,518	20,709	22,463	24,626	23,518	27,146	28,512	30,798	30,700	31,680	31,962	31,470	30,960	29,365	
GYPSUM AND PRODUCTS (QTRLY)																
Crude gypsum, total:																
Imports.....thous. sh. tons.	4,722	5,454	1,604			1,379			1,022			1,450				
Production.....do.	9,393	10,018	2,720			2,566			2,189			2,615				
Calcined, production, total.....do.	7,879	8,844	2,420			2,172			2,208			2,317				
Gypsum products sold or used, total:																
Uncalcined uses.....do.	4,511	4,935	1,352			1,257			692			1,497				
Industrial uses.....do.	293	301	76			74			78			81				
Building uses:																
Plasters:																
Base-coat.....do.	561	536	145			121			119			127				
All other (incl. Keene's cement).....do.	813	778	213			186			165			178				
Lath.....mil. sq. ft.	949	999	287			235			222			251				
Wallboard.....do.	7,089	8,283	2,385			2,017			2,025			2,254				
All other.....do.	243	269	80			64			67			78				

TEXTILE PRODUCTS

WOVEN FABRICS																
Woven fabrics (gray goods), weaving mills: ¹																
Production, total.....mil. linear yd.	12,479	12,693	1,009	2,248	998	903	21,270	1,028	1,034	21,229	1,018	1,008	2,983	978		
Cotton.....do.	8,281	7,408	574	2,708	564	509	2,686	577	578	2,693	588	561	2,526	552		
Manmade fiber.....do.	3,981	5,052	419	2,521	419	380	2,582	433	438	2,513	413	432	2,440	412		
Stocks, total, end of period.....do.	1,386	1,366	1,341	1,312	1,306	1,366	1,296	1,252	1,245	1,249	1,275	1,333	1,360	1,376		
Cotton.....do.	839	739	747	713	717	739	677	640	634	639	651	669	671	691		
Manmade fiber.....do.	533	611	590	585	575	611	604	596	596	603	610	652	674	671		
Orders, unfilled, total, end of period.....do.	3,353	3,098	3,004	3,114	3,146	3,098	3,016	3,041	3,067	3,141	3,138	3,170	3,139	3,026		
Cotton.....do.	2,064	1,627	1,495	1,569	1,609	1,627	1,588	1,564	1,619	1,625	1,601	1,617	1,634	1,593		
Manmade fiber.....do.	1,209	1,384	1,418	1,461	1,451	1,384	1,338	1,374	1,343	1,413	1,443	1,470	1,420	1,360		
COTTON																
Cotton (exclusive of linters):																
Production:																
Ginnings.....thous. running bales.	7,439	10,917	1,414	5,950	9,171	10,049	10,834		10,917				80	528	1,610	5,789
Crop estimate, equivalent 500-lb. bales																
Consumption.....thous. bales.	7,458	10,948							10,948							
Stocks in the United States, total, end of period.....thous. bales.	9,215	8,568	643	2,813	658	577	2,806	647	664	2,792	656	644	2,649	629	639	10,036
Domestic cotton, total.....do.	14,563	13,010	15,644	14,691	13,854	13,010	12,155	11,458	10,671	9,318	8,303	7,469	6,520	16,769	15,420	
On farms and in transit.....do.	14,472	12,958	15,590	14,631	13,798	12,958	12,108	11,413	10,630	9,278	8,269	7,436	6,489	16,736	15,396	
Public storage and compresses.....do.	1,509	1,580	10,264	6,322	3,484	1,580	1,075	964	824	678	538	606	400	11,031	9,619	
Consuming establishments.....do.	11,369	9,807	3,819	6,890	8,839	9,807	9,312	8,626	7,934	6,762	5,925	5,203	4,466	4,258	4,455	
Foreign cotton, total.....do.	1,594	1,571	1,507	1,419	1,475	1,571	1,721	1,823	1,872	1,838	1,805	1,728	1,623	1,447	1,322	
Foreign cotton, total.....do.	91	52	55	59	56	52	48	45	41	40	34	33	31	33	24	

¹ Revised. ² Reported annual total; revisions not 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 1968. ⁷ Data not available owing to lack of complete reports from the industry. ⁸ Nov. 1 estimate of 1969 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. ¹⁴ Corrected.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969								
	Annual	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

TEXTILE PRODUCTS—Continued

COTTON—Continued																
Cotton (exclusive of linters)—Continued																
Exports.....thous. bales..	3,973	3,870	262	152	185	276	55	55	130	568	363	194	278	147	141	-----
Imports.....do.....	169	95	44	2	1	1	(9)	1	3	5	6	3	1	1	4	-----
Price (farm), American upland.....cents per lb..	125.4	*21.9	26.2	26.5	24.2	21.6	19.2	19.6	20.5	20.6	20.1	21.2	21.7	20.5	19.4	21.7
Price, middling 1", avg. 12 markets.....do.....	124.8	*23.4	25.0	24.3	23.3	22.7	22.5	22.2	22.1	22.0	21.9	21.9	21.9	21.6	21.4	21.7
Cotton linters:																
Consumption.....thous. bales..	1,080	1,107	92	114	93	80	110	97	91	115	90	82	83	85	91	-----
Production.....do.....	977	998	42	160	156	166	170	142	129	113	97	69	42	34	52	-----
Stocks, end of period.....do.....	617	405	255	308	359	405	460	498	539	525	497	458	431	401	338	-----
COTTON MANUFACTURES																
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....mil..	20.0	20.0	20.2	20.2	20.0	20.0	19.9	20.0	19.9	19.9	20.0	19.9	19.9	19.8	19.8	-----
Consuming 100 percent cotton.....do.....	14.4	13.1	13.3	13.3	13.1	13.1	13.0	13.1	13.1	13.0	13.1	13.0	12.9	12.8	12.7	-----
Spindle hours operated, all fibers, total.....bil..	126.2	128.0	9.9	12.5	9.9	8.6	12.2	9.8	10.1	12.1	10.0	9.8	10.2	9.6	9.6	-----
Average per working day.....do.....	.486	.493	.495	.502	.495	.431	.488	.490	.505	.486	.501	.490	.406	.480	.482	-----
Consuming 100 percent cotton.....do.....	94.4	85.9	6.5	8.3	6.5	5.6	7.9	6.4	6.6	8.0	6.5	6.4	6.4	6.2	6.2	-----
Cotton yarn, price, 36/2, combed, knit.....\$ per lb..	.942	1.049	1.037	1.032	1.032	1.032	1.032	1.032	1.032	1.027	1.027	1.024	1.024	1.024	-----	-----
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.).....mil. lin. yd..	8,278	7,454	1,712	-----	-----	1,779	-----	-----	1,833	-----	-----	-----	-----	-----	-----	-----
Orders, unfilled, end of period, as compared with avg. weekly production.....No. weeks' prod..	15.4	13.8	11.6	12.4	12.4	13.8	13.2	12.4	12.6	13.2	12.3	13.0	17.5	12.9	12.7	-----
Inventories, end of period, as compared with avg. weekly production.....No. weeks' prod..	5.2	5.3	5.3	5.1	5.0	5.3	5.6	5.2	5.0	5.1	5.0	5.2	6.8	5.3	5.4	-----
Ratio of stocks to unfilled orders (at cotton mills), end of period, seasonally adjusted.....	.35	.40	.44	.41	.40	.40	.43	.43	.41	.39	.40	.39	.38	.40	.41	-----
Exports, raw cotton equiv.*.....thous. bales..	268.1	256.0	29.8	17.5	25.5	21.5	8.0	15.4	35.3	29.6	33.5	28.2	23.7	27.1	26.3	-----
Imports, raw cotton equiv.*.....do.....	527.0	559.6	54.7	49.1	44.1	36.0	16.1	29.6	60.9	71.8	47.4	63.5	45.5	57.2	45.2	-----
Mill margins:*.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Carded yarn cloth average.....cents per lb..	37.75	37.73	38.10	39.03	40.80	42.02	42.53	43.08	42.92	42.71	42.73	42.81	43.02	43.51	44.03	44.06
Combed yarn cloth average.....do.....	75.60	*93.25	91.72	93.31	95.20	98.55	109.27	109.24	107.86	108.08	108.30	107.28	106.90	107.42	107.60	107.46
Blends (65% polyester-35% cotton).....do.....	76.45	64.40	62.24	60.31	60.51	60.68	58.60	55.01	55.15	58.70	60.94	59.60	60.22	60.03	59.52	60.36
Prices, wholesale:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Print cloth, 39 inch, 68 x 72.....cents per yard..	17.3	17.3	17.5	17.5	17.8	17.8	17.8	18.8	18.5	18.5	19.0	19.0	19.0	19.0	19.0	-----
Sheeting, class B, 40-inch, 48 x 44-48.....do.....	18.4	18.6	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.8	-----
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly. total.....mil. lb..																
Filament yarn (rayon and acetate).....do.....	3,980.6	5,134.5	1,300.9	-----	-----	1,393.5	-----	-----	1,364.3	-----	-----	1,377.6	-----	-----	-----	-----
Staple, incl. tow (rayon).....do.....	734.7	805.2	204.7	-----	-----	218.9	-----	-----	203.4	-----	-----	191.3	-----	-----	-----	-----
Noncellulosic, except textile glass:	603.4	739.1	180.4	-----	-----	198.7	-----	-----	190.4	-----	-----	191.8	-----	-----	-----	-----
Yarn and monofilaments.....do.....	1,213.9	1,649.5	422.5	-----	-----	442.4	-----	-----	445.3	-----	-----	446.3	-----	-----	-----	-----
Staple, incl. tow.....do.....	1,119.8	1,538.0	391.5	-----	-----	421.1	-----	-----	416.9	-----	-----	427.7	-----	-----	-----	-----
Textile glass fiber.....do.....	308.8	402.7	101.8	-----	-----	112.4	-----	-----	108.3	-----	-----	120.5	-----	-----	-----	-----
Exports: Yarns and monofilaments.....thous. lb..	*88,831	96,390	8,396	5,573	8,812	8,486	5,231	4,237	9,048	9,801	9,285	7,554	9,952	9,886	8,774	-----
Staple, tow, and tops.....do.....	78,293	108,253	9,185	6,200	10,040	11,798	5,497	6,807	12,366	13,132	11,878	10,983	8,478	10,433	11,122	-----
Imports: Yarns and monofilaments.....do.....	28,194	*59,303	6,124	4,026	3,614	4,937	2,416	2,900	3,548	3,017	2,335	2,951	2,178	4,564	2,979	-----
Staple, tow, and tops.....do.....	*149,672	217,707	18,376	16,599	15,804	19,925	4,804	5,767	13,929	18,863	15,857	18,333	17,090	16,946	12,989	-----
Stocks, producers', end of period:																
Filament yarn (rayon and acetate).....mil. lb..	51.7	59.4	49.1	-----	-----	59.4	-----	-----	67.0	-----	-----	68.8	-----	-----	-----	-----
Staple, incl. tow (rayon).....do.....	43.8	59.0	52.4	-----	-----	59.0	-----	-----	59.3	-----	-----	54.5	-----	-----	-----	-----
Noncellulosic fiber, except textile glass:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Yarn and monofilaments.....do.....	138.7	194.3	168.3	-----	-----	194.3	-----	-----	233.8	-----	-----	247.9	-----	-----	-----	-----
Staple, incl. tow.....do.....	142.4	210.9	183.4	-----	-----	210.9	-----	-----	215.5	-----	-----	223.5	-----	-----	-----	-----
Textile glass fiber.....do.....	40.4	47.3	44.4	-----	-----	47.3	-----	-----	48.7	-----	-----	51.6	-----	-----	-----	-----
Prices, manmade fibers, f.o.b. producing plant:																
Staple: Polyester, 1.5 denier.....\$ per lb..	.66	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	-----
Yarn: Rayon (viscose), 150 denier.....do.....	.81	.85	.87	.88	.88	.88	.90	.90	.90	.89	.89	.89	.89	.89	.89	-----
Acrylic (spun), knitting, 2/20, 3-6 D*.....do.....	1.52	1.42	1.43	1.42	1.42	1.41	1.42	1.42	1.42	1.42	1.43	1.43	1.42	1.42	1.42	-----
Manmade fiber and silk broadwoven fabrics:																
Production (qtrly.), total.....mil. lin. yd..	4,265.5	5,280.4	1,288.9	-----	-----	1,391.7	-----	-----	1,453.9	-----	-----	-----	-----	-----	-----	-----
Filament yarn (100%) fabrics.....do.....	1,620.4	1,829.4	444.3	-----	-----	476.7	-----	-----	476.0	-----	-----	-----	-----	-----	-----	-----
Chiefly rayon and/or acetate fabrics.....do.....	754.0	771.7	178.8	-----	-----	197.8	-----	-----	199.8	-----	-----	-----	-----	-----	-----	-----
Chiefly nylon fabrics.....do.....	*324.2	-----	89.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Spun yarn (100%) fab., exc. blanketing.....do.....	1,999.9	2,754.4	678.2	-----	-----	735.6	-----	-----	787.2	-----	-----	-----	-----	-----	-----	-----
Rayon and/or acetate fabrics and blends.....do.....	600.2	679.4	158.6	-----	-----	169.3	-----	-----	182.6	-----	-----	-----	-----	-----	-----	-----
Polyester blends with cotton.....do.....	1,195.6	1,756.7	436.7	-----	-----	470.7	-----	-----	503.8	-----	-----	-----	-----	-----	-----	-----
Filament and spun yarn fabrics (combinations and mixtures).....mil. lin. yd..	427.9	469.5	110.2	-----	-----	121.1	-----	-----	130.3	-----	-----	-----	-----	-----	-----	-----
WOOL																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb..	228.7	238.3	17.8	22.5	17.0	16.3	22.9	17.1	18.2	23.5	18.9	18.2	18.8	16.9	14.1	-----
Carpet class.....do.....	83.9	91.4	7.1	8.8	7.1	6.7	9.6	7.5	6.9	8.9	7.3	7.6	7.6	7.0	7.6	-----
Wool imports, clean yield.....do.....	187.3	249.4	20.6	17.7	16.4	18.1	10.9	9.2	19.9	22.0	19.2	14.7	15.9	23.7	12.3	-----
Duty-free (carpet class).....do.....	78.2	119.6	12.5	9.2	9.0	7.6	3.1	2.7	9.9	11.3	9.7	6.5	10.8	14.0	7.1	-----
Wool prices, raw, clean basis, Boston:																
Good French combing and staple:																
Graded territory, fine.....\$ per lb..	1.215	1.207	1.210	1.215	1.245	1.245	1.245	1.239	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.218
Graded fleece, 3/8 blood.....do.....	.910	.840	.840	.864	.880	.880	.880	.880	.858	.850	.850	.850	.850	.850	.850	.850
Australian, 64s, 70s, good topmaking.....do.....	1.153	1.180	1.175	1.191	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.175
WOOL MANUFACTURES																
Knitting yarn, worsted, 2/20s-50s/56s, American system, wholesale price.....1957-59=100..																
Production (qtrly.).....mil. lin. yd..	238.6	243.3	56.7	-----	-----	55.7	-----	-----	68.3	-----	-----	67.1	-----	-----	-----	-----
Price (wholesale), suiting, flannel, men's and boys', f.o.b. mill.....1957-59=100..	101.7	100.9	101.1	101.1	101.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	103.0	103.0	-----	-----

* Revised. ¹ Season average. ² For 5 weeks, other months, 4 weeks. ³ Beginning Jan. 1969, the average omits two cloths previously included (Dec. 1968 margins comparable with new data, 107.87 cents). ⁴ For 10 months. ⁵ Revised total; revisions not distributed by months. ⁶ Less than 500 bales. ⁷ Avg. for 5 months, Aug.-Dec. ⁸ Avg. for 6 months, July-Dec. ⁹ Season average to Apr. 1, 1969. ¹⁰ For the period Sept. 1967-Feb. 1968, 14 markets; beginning Mar. 1968, 12 markets.

* New series. Beginning Aug. 1966, mill margins refer to weighted averages of about 70 types of unfinished carded yarn cloths and to simple averages of 5 to 8 combed yarn cloths and of 3 polyester-cotton blends; no comparable data prior to Aug. 1966 are available. Exports and imports of cotton cloth (U.S. Dept. Agriculture) available beginning July 1959; spun yarn price (BLS), beginning Jan. 1965. ¹¹ Includes data not shown separately.

Unless otherwise stated, statistics through 1966 and descriptive notes are shown in the 1967 edition of BUSINESS STATISTICS	1967	1968	1968				1969										
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	
TEXTILE PRODUCTS—Continued																	
APPAREL																	
Hosiery, shipments.....	thous. doz. pairs	223,482	225,588	19,539	21,635	20,634	16,590	18,170	18,514	20,316	18,360	18,951	22,303	20,771	21,144	20,897	
Men's apparel, cuttings:																	
Tailored garments:																	
Suits.....	thous. units	19,719	21,710	1,836	2,352	1,869	1,620	2,193	2,091	2,082	2,277	2,092	2,065	1,305			
Overcoats and topcoats.....	do	4,770	4,141	420	395	304	244	290	218	286	313	317	323	213			
Coats (separate), dress and sport.....	do	13,726	14,036	1,074	1,367	1,292	1,028	1,354	1,240	1,299	1,302	1,234	1,136	852			
Trousers (separate), dress and sport.....	do	138,571	158,353	13,417	14,594	13,214	10,350	13,367	13,635	14,433	14,341	15,841	14,472	12,999			
Shirts (woven fabrics), dress and sport.....	thous. doz.	22,835	24,038	1,858	2,312	1,982	1,601	1,974	1,989	1,957	1,886	1,953	1,893	1,654			
Work clothing:																	
Dungarees and waistband overalls.....	do	7,464	6,945	676	629	691	632	628	588	675	612	674	700	808			
Shirts.....	do	4,042	3,310	268	340	287	228	293	315	290	295	297	285	243			
Women's, misses', juniors' outerwear, cuttings:																	
Coats.....	thous. units	22,414	21,370	2,051	2,222	1,899	1,362	1,765	1,708	1,435	1,247	1,405	1,679	1,707	1,727		
Dresses.....	do	279,864	270,257	19,892	22,984	19,371	17,261	20,976	23,017	26,035	25,458	22,413	20,614	19,059	19,960		
Suits.....	do	7,983	8,152	532	622	514	492	648	592	596	319	300	425	541	496		
Blouses, waists, and shirts.....	thous. doz.	14,064	15,095	1,148	1,389	1,205	915	1,180	1,240	1,274	1,178	1,188	1,129	1,160	1,142		
Skirts.....	do	3,548	7,845	645	773	545	385	7602	7601	7739	7662	7576	7598	7830	646		
TRANSPORTATION EQUIPMENT																	
AEROSPACE VEHICLES																	
Orders, new (net), qtrly. total.....	mil. \$	26,900	127,168	7,149				6,044					4,404				
U.S. Government.....	do	18,538	116,577	5,577				3,479					2,462				
Prime contract.....	do	24,423	124,375	6,509				5,207					3,756				
Sales (net), receipts, or billings, qtrly. total.....	do	23,444	25,592	6,257				6,793					6,333				
U.S. Government.....	do	16,334	16,635	3,991				4,499					4,284				
Backlog of orders, end of period.....	do	30,936	130,749	31,497				30,749					31,346				
U.S. Government.....	do	17,950	116,343	17,330				16,343					16,738				
Aircraft (complete) and parts.....	do	16,401	116,808	17,889				16,808					17,303				
Engines (aircraft) and parts.....	do	4,252	13,951	3,824				3,951					4,146				
Missiles, space vehicle systems, engines, propulsion units, and parts.....	mil. \$	5,704	15,083	5,164				5,083					4,772				
Other related operations (conversions, modifications), products, services.....	mil. \$	2,810	12,834	2,917				2,834					3,029				
Aircraft (complete):																	
Shipments.....	do	2,981.5	4,355.1	311.6	337.7	414.9	390.0	338.4	352.2	367.4	346.4	373.5	242.2	290.2	268.6		
Airframe weight.....	thous. lb.	56,739	76,202	5,668	5,732	6,850	6,264	5,858	5,598	6,524	6,011	6,201	4,180	4,832	4,131		
Exports.....	mil. \$	786.5	1,403.1	94.1	63.5	160.7	132.4	133.4	153.8	139.8	116.5	83.2	73.3	83.8	93.0	36.1	
MOTOR VEHICLES																	
Factory sales (from plants in U.S.), total.....	thous.	8,976.2	10,718.2	816.9	1,125.2	1,040.7	881.9	976.5	864.7	932.3	876.8	861.1	940.9	617.1	473.7	907.3	21,048.5
Domestic.....	do	8,484.6	10,172.2	769.4	1,065.2	984.3	832.2	933.3	825.0	878.4	825.8	806.2	891.1	589.2	447.2	851.2	
Passenger cars, total.....	do	7,436.8	8,822.2	656.4	935.2	876.6	732.1	815.4	707.4	763.3	714.3	720.2	777.1	465.2	346.4	751.6	850.5
Domestic.....	do	7,070.2	8,407.1	620.0	889.5	831.0	693.7	782.1	677.4	721.7	677.3	678.5	741.1	447.3	329.8	707.4	
Trucks and buses, total.....	do	1,539.5	1,896.1	160.5	190.0	164.1	149.8	161.1	157.3	169.0	162.5	140.8	163.8	152.0	127.3	155.7	198.0
Domestic.....	do	1,414.4	1,765.1	149.4	175.8	153.3	138.5	151.2	147.7	156.7	148.5	127.8	150.0	141.9	117.4	143.8	
Exports:																	
Passenger cars (new), assembled.....	do	280.58	330.46	27.71	30.32	36.28	30.96	25.73	23.56	34.64	28.50	33.24	27.09	16.95	10.92	35.13	
To Canada*.....	do	236.64	286.78	23.60	26.24	30.79	26.00	24.75	20.77	20.46	24.10	30.20	24.84	14.95	9.48	31.39	
Trucks and buses (new), assembled.....	do	82.24	92.03	8.84	7.83	10.03	9.67	5.72	6.59	10.97	11.82	9.83	10.24	7.92	7.97	7.45	
Imports:																	
Passenger cars (new), complete units.....	do	1,020.62	1,620.45	126.02	143.10	154.81	164.36	106.32	121.48	137.47	182.77	185.26	185.53	160.15	120.38	148.65	
From Canada, total*.....	do	323.65	350.88	42.57	54.65	55.77	61.67	50.21	48.23	46.65	51.72	63.89	68.52	40.99	26.58	68.37	
Trucks and buses, complete units.....	do	75.07	114.65	10.50	13.60	13.95	11.99	12.84	8.23	13.12	12.96	14.61	12.65	8.63	9.70	11.90	
Shipments, truck trailers:																	
Complete trailers and chassis.....	number	96,539	113,928	9,544	9,980	9,701	9,685	9,890	11,055	12,760	12,561	12,474	12,606	11,370	10,685		
Vans.....	do	59,147	75,148	6,475	7,036	6,774	6,616	6,739	7,405	8,581	7,910	7,935	8,942	7,941	7,517		
Trailer bodies and chassis (detachable), sold separately.....	number	27,497	33,761	3,703	3,769	3,966	4,534	1,605	3,025	3,079	2,195	1,530	1,754	2,368	2,829		
Registrations (new vehicles): ○																	
Passenger cars.....	thous.	38,357.4	39,403.9	705.3	880.3	757.0	977.3	657.6	607.5	681.2	876.0	889.1	841.9	815.3	718.8	733.4	
Foreign cars.....	do	779.2	985.8	94.7	103.8	84.2	97.6	63.4	53.4	58.1	98.3	107.9	91.7	90.2	95.6	95.1	
Trucks (commercial cars).....	do	1,518.4	1,775.6	148.5	170.3	140.3	185.5	133.2	124.5	144.0	174.6	172.8	160.9	169.6	153.8	149.1	
RAILROAD EQUIPMENT																	
Freight cars (ARCI):																	
Shipments.....	number	83,095	56,262	4,448	4,533	4,097	4,566	4,452	5,205	5,312	6,571	5,826	5,445	4,861	5,482	6,881	
Equipment manufacturers, total.....	do	64,775	38,991	3,062	3,319	2,670	3,736	3,823	4,439	4,516	5,353	4,667	3,888	3,770	4,032	4,879	
Railroad shops, domestic.....	do	18,320	17,271	1,386	1,214	1,427	830	629	766	796	1,218	1,159	1,557	1,091	1,450	2,002	
New orders.....	do	53,703	63,561	4,321	9,793	9,690	9,356	7,753	3,641	5,957	19,721	6,263	7,968	5,747	2,679	4,504	
Equipment manufacturers, total.....	do	38,468	49,391	4,221	6,775	7,830	7,039	4,325	3,136	5,157	19,329	6,203	6,683	3,047	2,284	4,021	
Railroad shops, domestic.....	do	15,235	14,170	100	3,018	1,800	2,317	3,428	505	800	392	60	1,285	2,700	395	483	
Unfilled orders, end of period.....	do	24,917	31,740	16,229	21,400	26,939	31,740	34,994	33,439	34,073	47,208	47,445	50,395	51,233	47,915	45,133	
Equipment manufacturers, total.....	do	14,276	24,540	12,693	16,060	21,226	24,540	24,995	23,701	24,331	38,292	39,628	42,850	42,079	39,816	38,853	
Railroad shops, domestic.....	do	10,641	7,200	3,536	5,340	5,713	7,200	9,999	9,738	9,742	8,916	7,817	7,545	9,154	8,099	6,280	
Freight cars (revenue), class 1 railroads (AAR): §																	
Number owned, end of period.....	thous.	1,482	1,458	1,466	1,463	1,461	1,458	1,456	1,455	1,452	1,449	1,448	1,446	1,443	1,442	1,441	
Held for repairs, % of total owned.....		5.1	5.2	5.4	5.2	5.2	5.2	5.2	5.2	5.3	5.1	5.2	5.3	5.4	5.5	5.5	
Capacity (carrying), aggregate, end of period.....	mil. tons	93.15	93.82	93.66	93.83	93.84	93.82	93.91	93.88	93.91	93.94	93.96	94.01	93.96	93.98	94.15	
Average per car.....	tons	62.85	64.34	63.90	64.12	64.23	64.34	64.50	64.54	64.68	64.82	64.87	65.02	65.11	65.19	65.35	

Revised. ¹ Beginning 1st quarter 1968, value of new orders and backlog refers to orders on a funded order basis for Government contracts and on binding legal documents (or equivalent) for commercial business. ² Preliminary estimate of production. ³ Annual total includes revisions not distributed by months. ⁴ Includes delayed registrations for seven States. ⁵ Beginning Jan. 1969, data exclude vehicles on runners and skis. ⁶ Data for 1967-68 are understated by from 3 to 5 percent and are not strictly comparable with figures beginning 1969. ⁷ Omits data for 1 State. ⁸ Preliminary; refers to domestic business only.

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