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NOVEMBER 1969 / VOLUME 49 NUMBER

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



SURVEY OF CURRENT BUSINESS



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Subscription prices, including weekly statistical supplements, are \$9 a year for domestic and \$12.75 for foreign mailing. Single issue \$1.00.

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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.

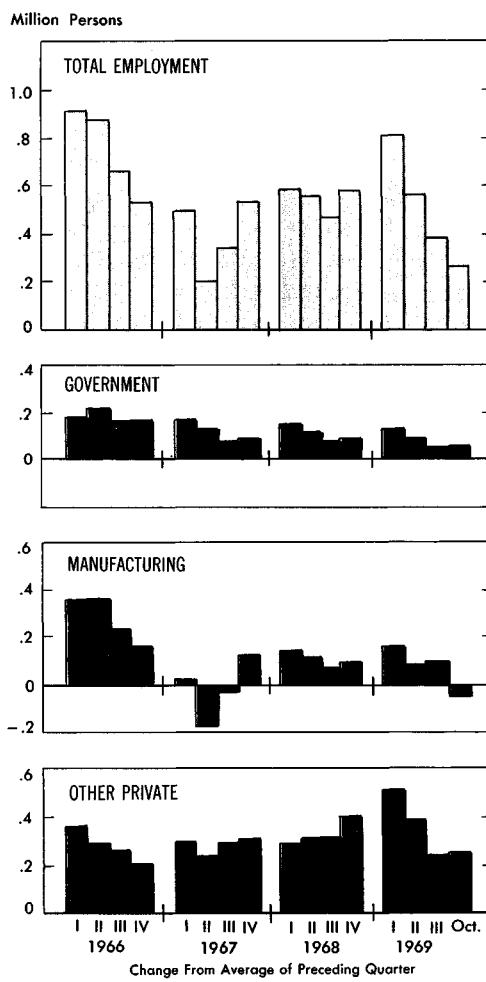
Revised third quarter GNP

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 \$14½ 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.

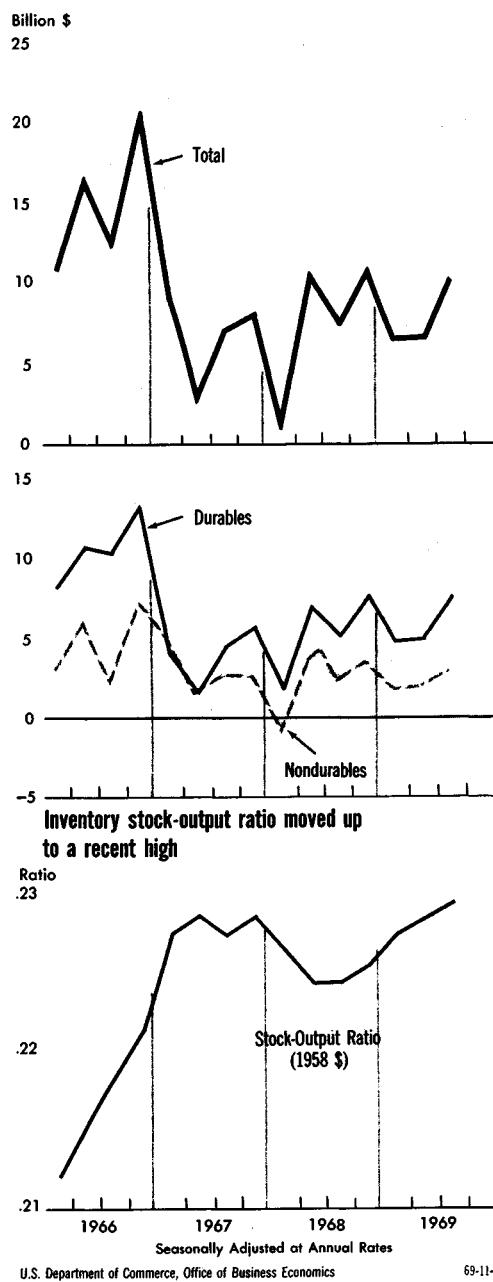
The revision raised the increase in current dollar GNP fractionally, to an annual rate of 7% percent. As measured by the implicit deflator, prices rose 5½ percent, and physical volume 2½ percent—the latter a little more than the 2 percent rise indicated last month.

CHART 2

Change in Nonfarm Business Inventories

(GNP Basis)

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



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 \$3½ 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 \$1½ 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

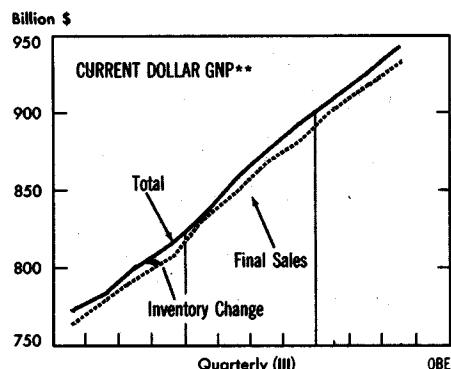
Industrial output declined for the third consecutive month in October. The Federal Reserve Index of industrial production fell to 173.3 (1957-59=100), down three-fourths of 1 percent from its July peak. Reductions in output were recorded in durable and nondurable goods manufacturing and in mining; these 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

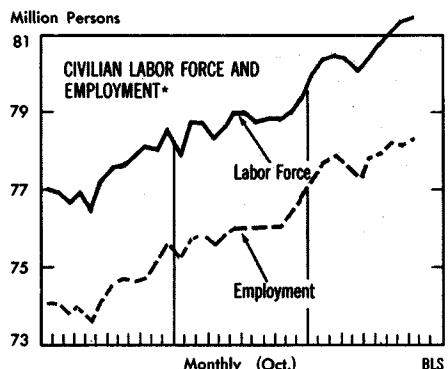
Retail sales of new cars have shown considerable variation over the past 12 months. Having exceeded a seasonally adjusted annual rate of 10 million cars (both domestic and imports) for the first time in the third quarter of 1968, sales fell in each of the next two quarters to a rate of 9.4 million. They

- 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

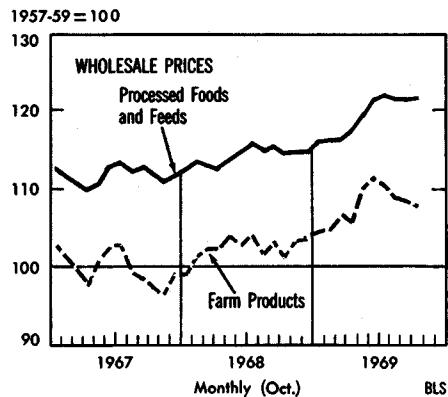
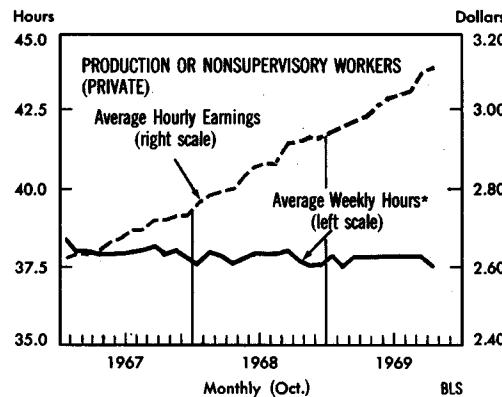
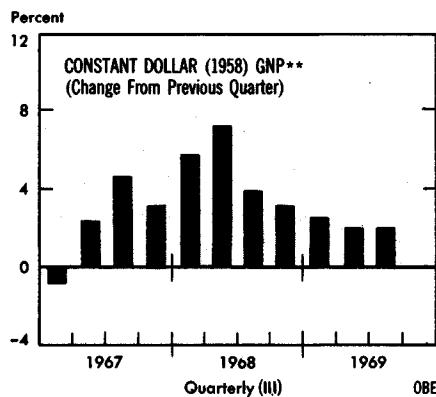
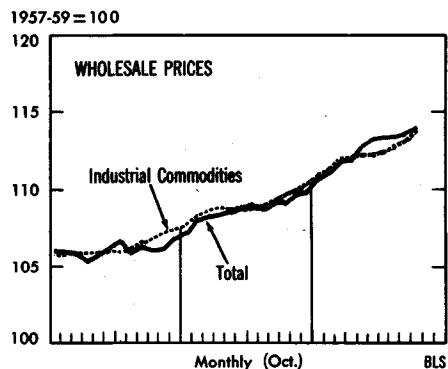
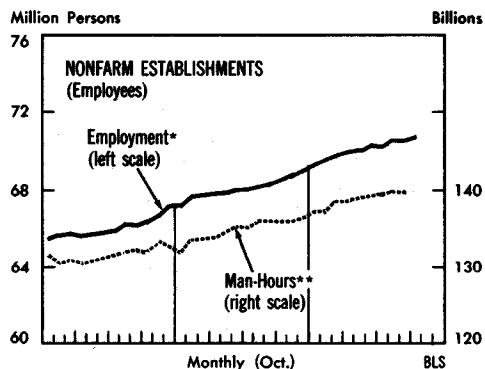
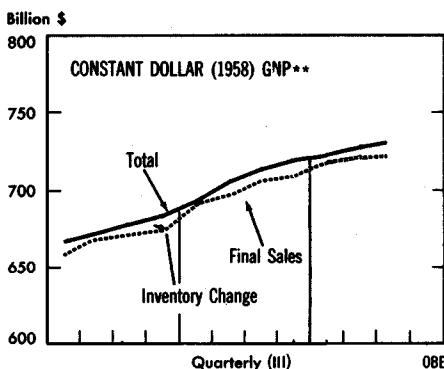
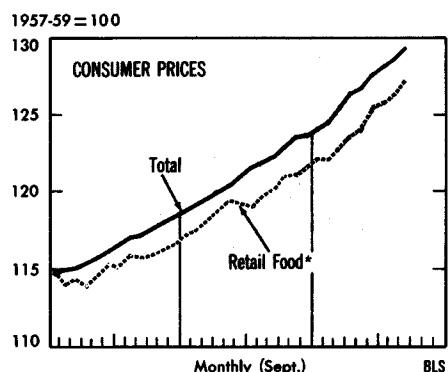
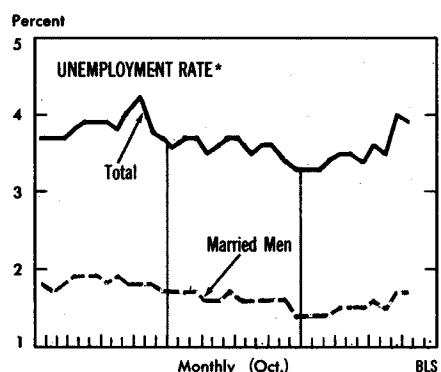
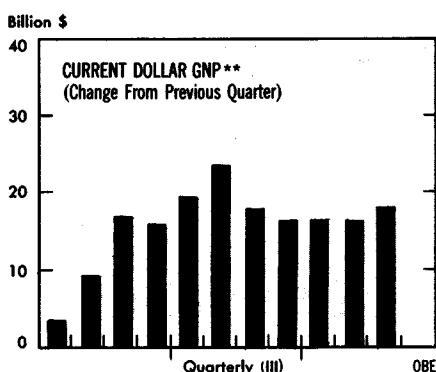
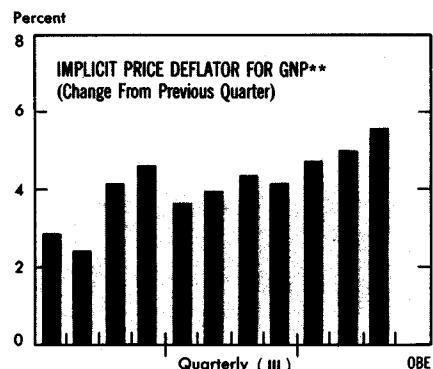
TOTAL PRODUCTION



THE LABOR MARKET



PRICES

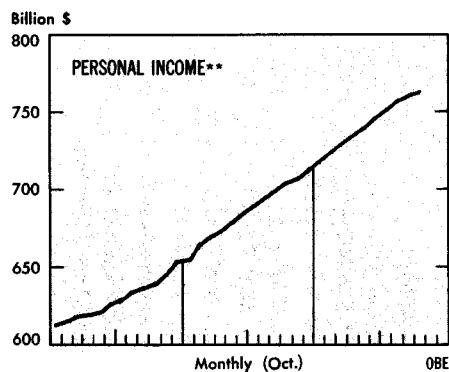


* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates

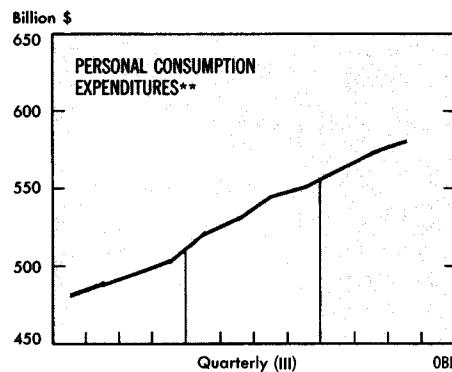
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- Personal income advanced \$2.4 billion in October, below third quarter gain
- Retail sales up a little in October—new car sales slipped below high September rate
- Private nonfarm housing starts increased to a rate of 1.5 million units in September

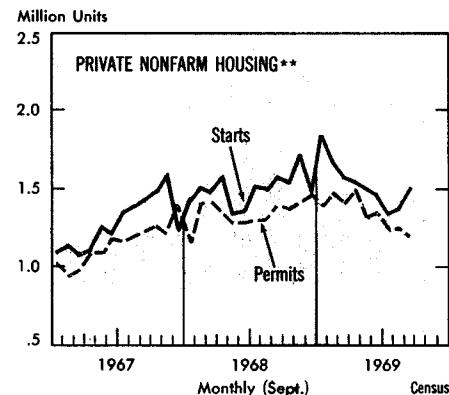
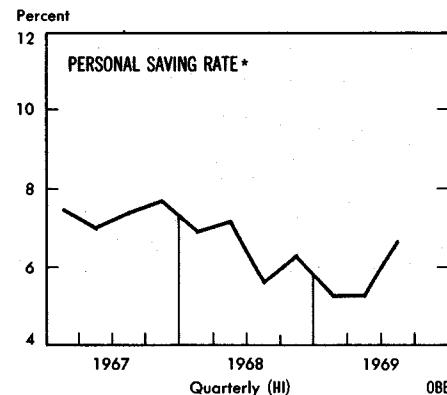
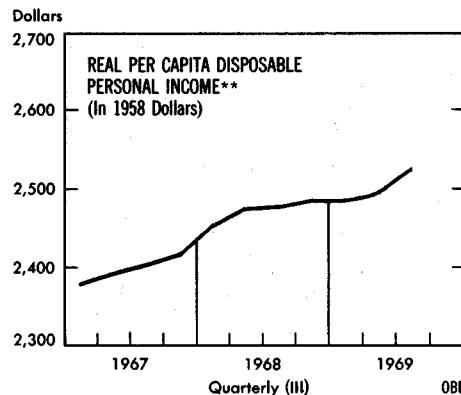
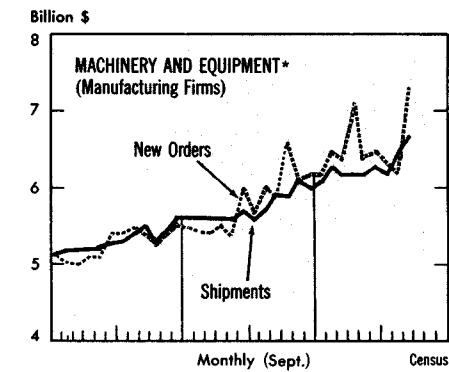
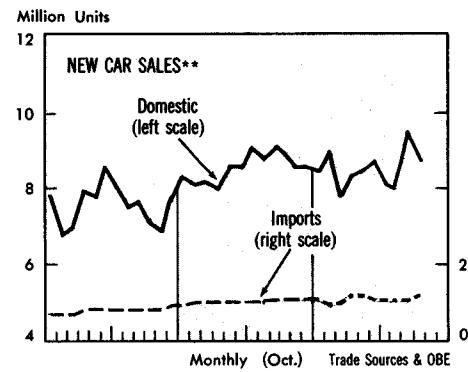
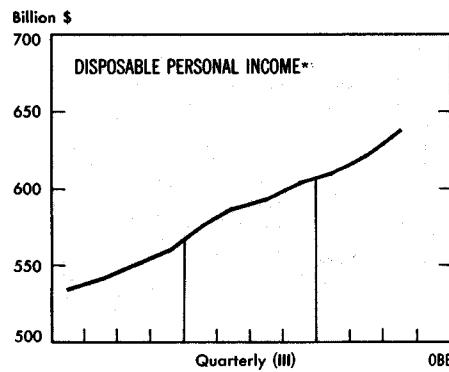
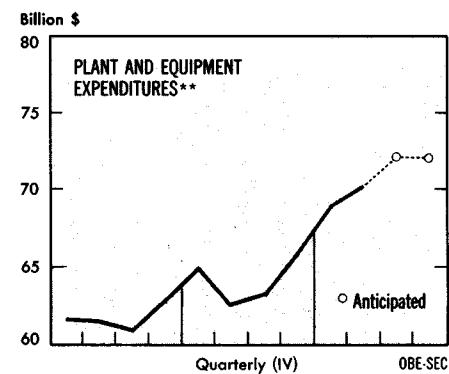
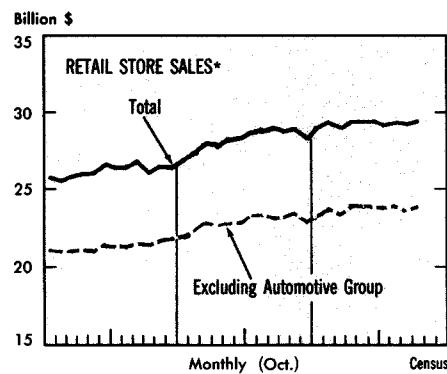
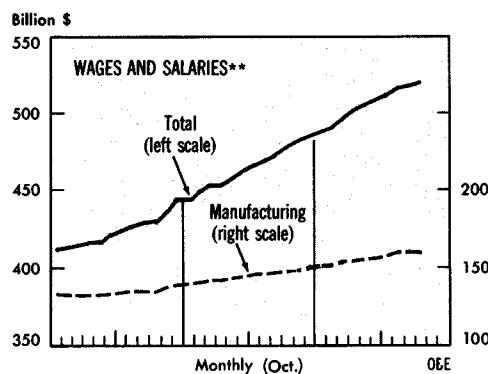
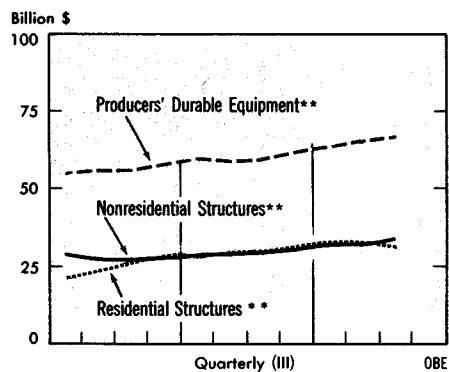
INCOME OF PERSONS



CONSUMPTION AND SAVING

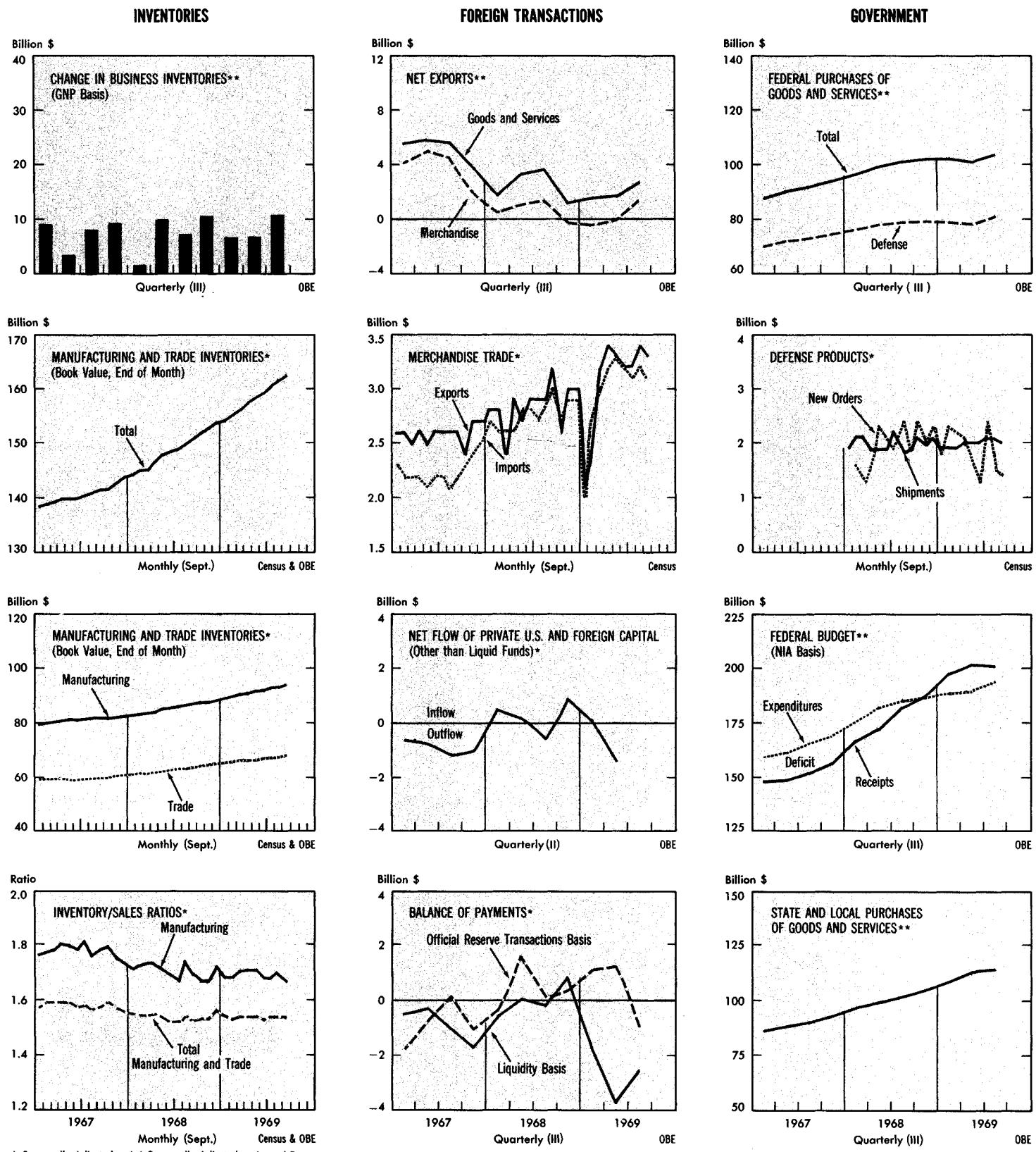


FIXED INVESTMENT



* 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 1/2 billion—an improvement from second quarter

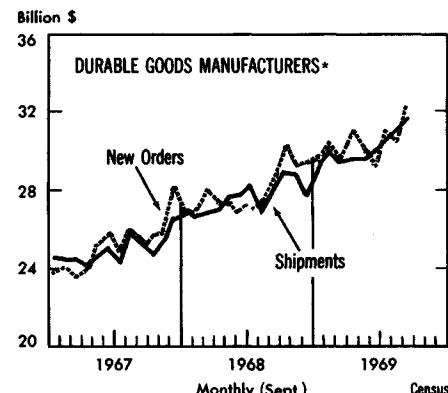
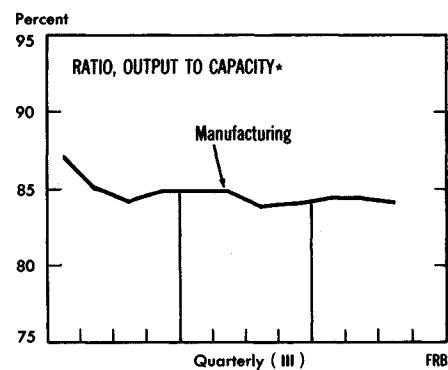
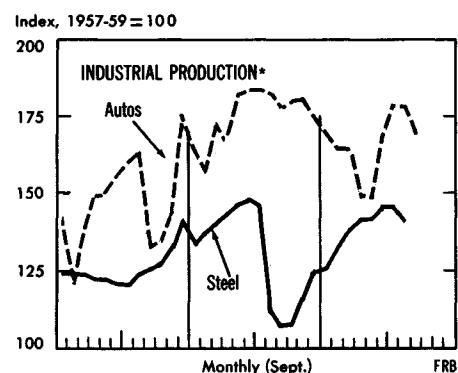
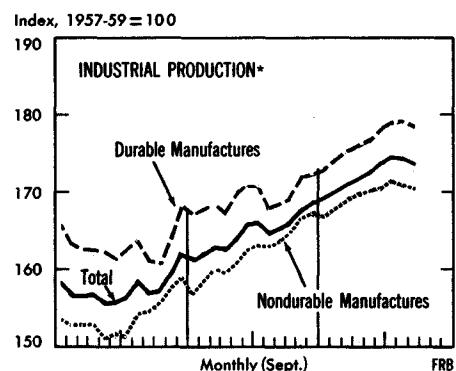


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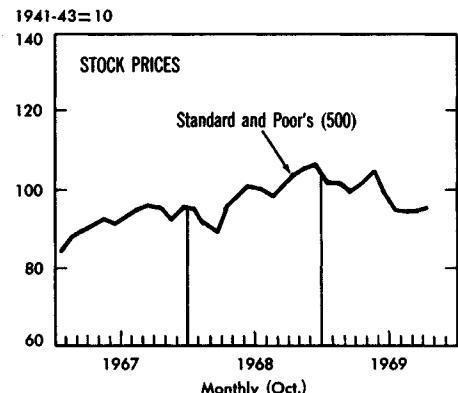
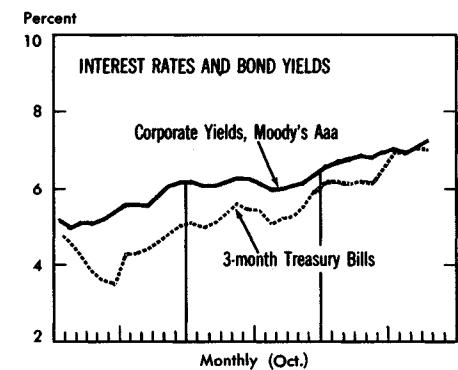
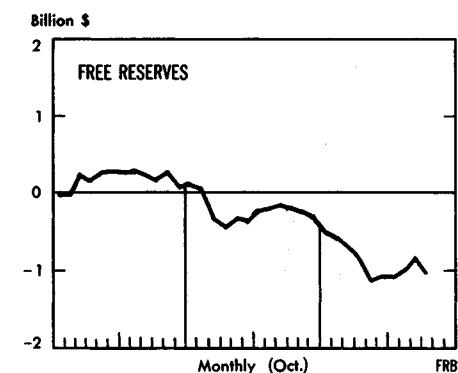
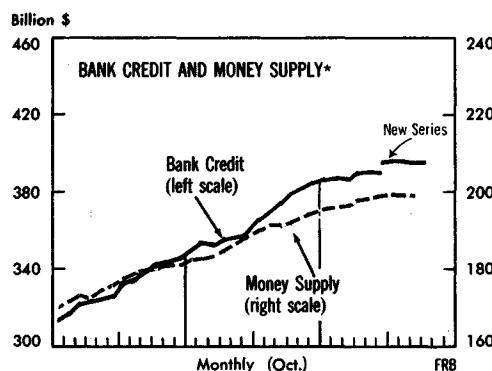
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- Manufacturing capacity rate down slightly in third quarter
- Treasury bills little changed in October—yields on long-term corporate issues reached new highs
- Corporate profits (before tax and including IVA) dipped slightly in third quarter

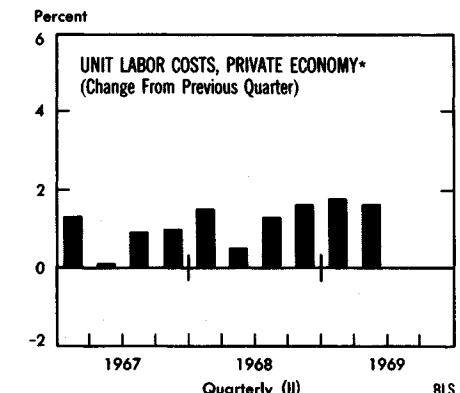
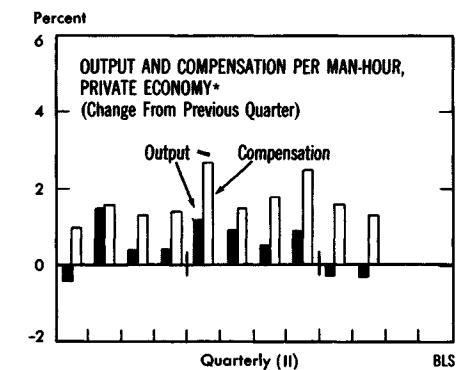
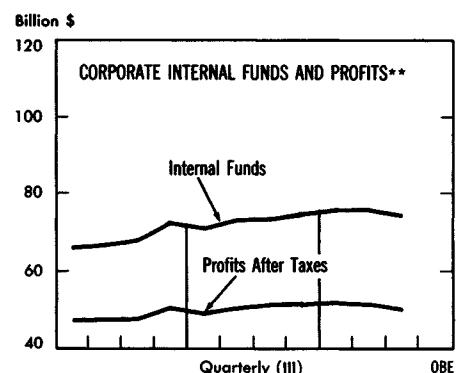
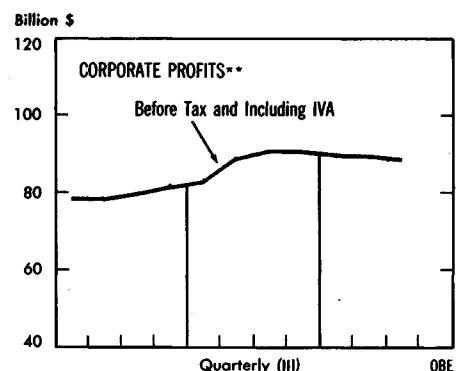
INDUSTRIAL PRODUCTION



MONEY, CREDIT, AND SECURITIES MARKETS



PROFITS AND COSTS



* Seasonally Adjusted ** Seasonally Adjusted at Annual Rates

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

69-11-6

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
Non durable 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	30.1	32.3	32.1	34.7	22.7	22.6	22.7	22.0	22.2	23.9	23.3	24.6	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	.4	.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	-.2	.0	.2	.4	.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	5.9	6.0	9.3	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	5.9	6.0	9.3	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	153.0	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	3.0	1.7	1.9	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.....	658.6	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	60.5	60.9	61.1	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								
	28.6	35.9	36.3	36.0	37.5	37.5	34.5	38.0	
Gross auto product ¹	24.9	30.2	29.2	31.7	31.4	30.9	31.4	32.1	
Personal consumption expenditures.....	4.4	5.3	5.1	5.6	5.5	5.4	5.5	5.6	
Producers' durable equipment.....	-5	1.0	2.4	-6	1.5	1.1	-1.4	1.2	
Change in dealers' auto inventories.....	-5	-8	-7	-10	-12	-2	-14	-14	
Net exports.....	1.2	2.0	2.0	2.0	2.0	2.3	2.3	2.4	
Exports.....	1.7	2.8	2.7	3.0	3.2	2.5	3.7	3.8	
Imports.....									
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.....	1.3	2.0	2.0	2.0	1.9	2.3	2.3	2.4
Exports.....	1.7	2.8	2.8	3.0	3.2	2.5	3.7	3.8
Imports.....								
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	—

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

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.⁴ 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 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.....								
Commodity-producing industries.....	423.5	465.0	459.0	470.7	482.1	493.3	504.3	516.9
Manufacturing.....	166.5	181.5	179.3	183.0	187.8	191.5	196.5	200.5
Distributive industries.....	134.2	145.9	144.2	147.4	150.7	153.3	156.5	159.9
Service industries.....	100.3	109.2	107.9	110.8	113.1	115.5	118.3	121.1
Government.....	70.5	78.3	77.3	78.9	82.0	85.4	87.1	88.7
Other labor income.....	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.....								
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
Non-durable 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	3

	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	200.9
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	45.5	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 at annual rates								
	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	113.5	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	132.6	135.4	137.2	138.9
Farm	122.8	125.9	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	108.0	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 8½ 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.

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

CORPORATE profits as measured for national income purposes dipped \$½ billion from the second quarter to a total of \$88½ billion at seasonally adjusted annual rates in the third. This profits measure—which is before-

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 \$1½ 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 2½ percent, while unit labor costs were up 3½ percent and unit nonlabor costs rose 3¾ 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.

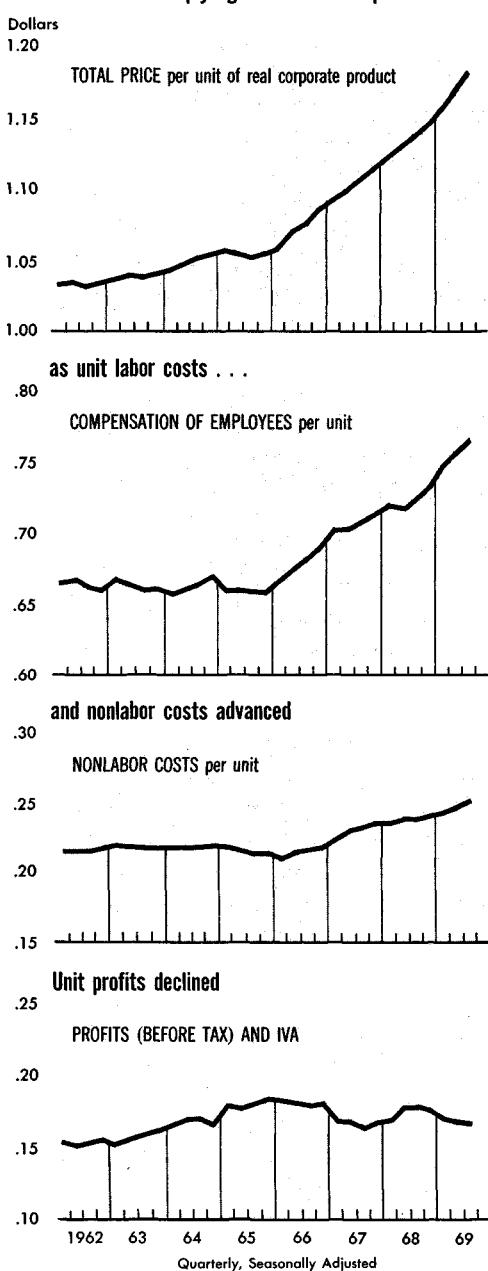
Investment exceeds internal funds

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 \$3½ billion increase in capital consumption allowances. Over the same period, corporate plant and equipment outlays moved up sharply,

CHART 8

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

Prices rose sharply again in the third quarter . . .



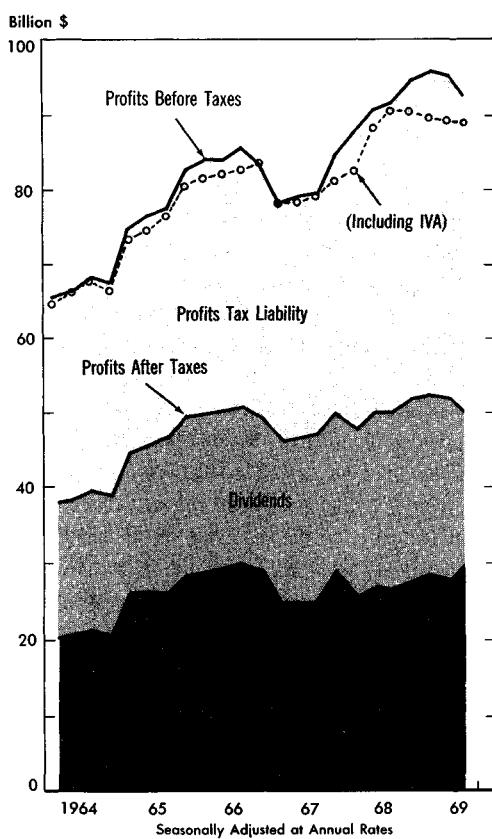
Note.—Nonfinancial corporations only.

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

69-11-8

CHART 7

Corporate Profits



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

69-11-7

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.

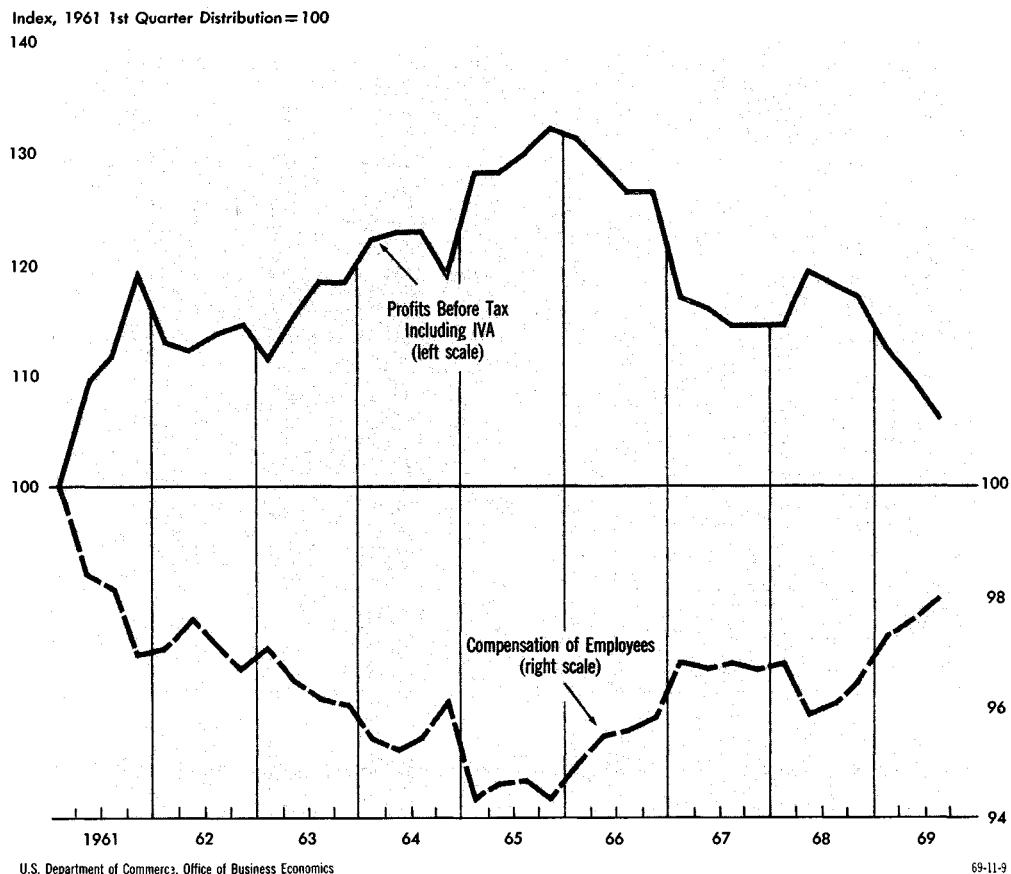
Inventory and other working capital needs also moved up sharply over the past year. The conjunction of a rapid increase in investment and working capital needs and a modest decline in internal sources led corporations to increase their borrowing during the first half of 1969, and to reduce the rate at 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.

CHART 9

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



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 I.—Sources and Uses of Funds, Nonfarm Nonfinancial Corporate Business, Annually, 1946–68

[Billions of dollars]

Line No.		1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
1	Sources, total	18.8	28.5	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	Internal sources ¹	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	Undistributed profits ¹	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	Corporate inventory valuation adjustment	-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	Capital consumption allowances ¹	4.6	5.7	6.8	7.8	8.6	10.0	11.2	12.9	14.6	17.0	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	External sources	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	Stocks	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	Bonds	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	Mortgages	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	Bank loans, n.e.c.	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	Other loans	-.1	-.1	0	0	1	-.3	-.5	.2	.0	.0	.1	.5	-.2	-3	1.9	.6	.0	.2	.9	.6	1.4	1.4	3.6
12	Trade debt	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	Profits tax liability	-2.0	2.5	1.9	-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	3.7	
14	Other liabilities	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	Uses, total	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	Purchases of physical assets	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	Nonresidential fixed investment	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	Residential structures	.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	Change in business inventories	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	Increase in financial assets	.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	Liquid assets	-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	Demand deposits and currency	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	Time deposits	.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	U.S. Government securities	-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	-1.2	-2.5	1.8	
25	Open-market paper	.1	.1	.1	.1	.1	.0	.1	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.5
26	State and local obligations	.0	0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4
27	Consumer credit	.6	.6	.5	.4	.8	.5	.8	.2	.3	.7	.5	.3	.6	.8	.4	.2	.7	1.0	1.3	1.2	.9	.1	.7
28	Trade credit	3.7	6.3	2.6	-.7	11.8	3.7	4.3	-.8	4.6	11.4	7.5	5.8	8.3	7.7	5.5	9.5	8.5	8.1	8.1	15.1	11.3	8.8	14.8
29	Other financial assets	.6	1.0	.9	.9	.8	.7	.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	Discrepancy (uses less sources)	-.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	-5.0	-3.8	-6.9	-7.2	-8.0	-8.2	-6.9	

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

[Billions of dollars]

Line No.		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	Sources, total	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	Internal sources ¹	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	Undistributed profits ¹	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	Corporate inventory valuation adjustment	-.2	.3	-.2	-.9	-.8	-1.3	-.5	.7	-.6	-.2	1.2	.5	-.1	.5	-.3	-.3	-.1	.0	-.1	.1	.9	.1	.9
5	Capital consumption allowances ¹	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	External sources	.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	Stocks	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	Bonds	8.2	4.0	6.1	4.5	3.1	2.7	2.6	3.4	2.8	4.0	4.4	2.7	7.0	4.1	4.8	4.8	5.6	4.0	3.9				
9	Mortgages	2.3	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	4.6	4.6			
10	Bank loans, n.e.c.	-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	Other loans	-.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	Trade debt	-1.9	5.5	10.2	5.2	8.0	4.5	1.2	8.2	3.6	1.2	1.8	5.1	4.5	6	11.8	7.6	3.5	8.9	-1.5				
13	Profits tax liability	-6.2	-7.1	.2	2.6	2.4	6.7	0	-.6	-3.6	-4.2	-9	2.7	1.3	2.3	4.6	2.0	1.7	.6	-1.8				
14	Other liabilities	-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	5.5	3	5.5	6.5			
15	Uses, total	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	Purchases of physical assets	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	Nonresidential fixed investment	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	Residential structures	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	Change in business inventories	-5.5	-5.4	-1.2	2.0	2.9	7.2	-.8	5.7	5.5	7.1	4.1	3.1</											

Table 1.—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	Line No.																					
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	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	-1.9	.4	1.9	2.7	5.5	5.8	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	-.4	-.2	-.1	-.4	-.1	-.5	-.8	-.5	-.8	-.5	-.5	11	
2.0	-2.6	6.1	3.7	3.4	.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	.5	-3.9	12	
-.2	-4.4	-3.8	-2.8	.6	3.4	9.2	5.5	-2.5	-3.3	-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	
5.5	7	4	.7	6	6	3	3	5	7	1.2	1.2	1.2	1.6	9	5	1	2	2	3	5	7	7	.9	18	
4.7	-1.9	3.0	3.1	2.4	3.6	1.5	-4.3	-2.8	-2.3	-2.6	.1	2.4	2.0	5.4	9.9	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	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	-1.4	3.3	3.0	3.2	5.0	-.8	-3.3	4.4	-2.2	.0	3.2	1.1	-2.0	.9	-.1	22		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23		
-.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	
-.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	.1	.0	.1	.2	.3	.3	.2	.2	.1	.1	.1	.1	.1	.3	26	
0	1.3	.8	.9	1	.4	2	3	3	3	2	2	4	7	.6	6	7	5	2	.8	.5	.8	1	.3	0	27
4.0	-1.2	9.2	5.3	3.6	.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	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 1.—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				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	Line No.		
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	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	63.2	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	22.5	3	
-.2	-.9	-2.1	-1.3	-.6	-.1	-1.0	-1.4	-2.1	-1.1	-2.3	-2.4	-2.2	-2.2	-3.0	-.1	-.7	-.4	-3.3	-2.6	-4.2	-4.2	-6.1	-6.2	4		
30.0	30.7	30.9	31.5	32.1	32.5	33.0	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	5.9	.9	-1.5	.9	1.9	2.8	3.6	1.3	-.6	-1.9	-.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	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	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	5.9	5.2	3.7	9	
3.1	2.6	3.2	6.1	-.4	3.0	5.4	8.3	13.4	7.3	9.7	12.0	10.6	12.4	7.9	2.7	5.8	3.6	8.8	3.7	9.8	18.2	12.7	12.6	10		
11.2	5.4	2.2	2.3	.6	1.1	7.7	5.9	11.8	6.0	9.7	9.0	11.3	9.1	4.8	3.9	2.0	1.1	1.4	4.4	2.2	5.1	2.6	5.9	12.5	11	
.8	3.7	1.6	1.4	-.8	2.8	.2	-1.1	-3.3	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	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																			

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

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.

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.

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-

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

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Compensation of employees 2. Proprietors' income 3. Rental income of persons 4. Corporate profits and inventory valuation adjustment 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 | <ol style="list-style-type: none"> 10. Personal consumption expenditures 11. Gross private domestic investment 12. Net export of goods and services 13. Government purchases of goods and services |
|---|--|

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 II

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.

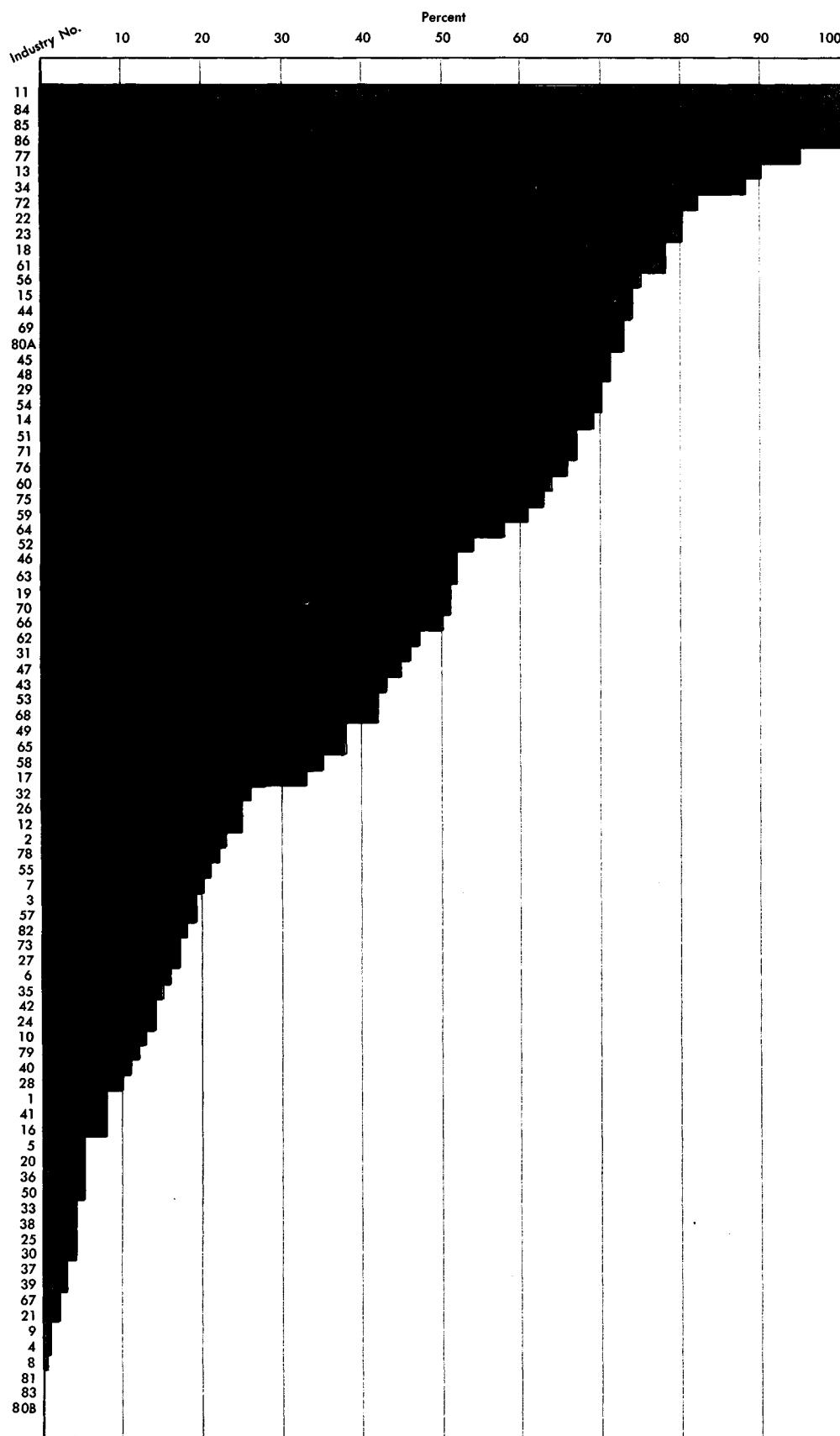
Many regions throughout the Nation have been increasingly concerned about the adequacy of water resources. Input-output is being used as part of a total system to measure the industrial requirements for water. It is particularly helpful in identifying those activities that generate important demands 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			
PRODUCERS	Agriculture	Mining	Construction	Manufacturing	Trade	Transportation	Services	Other	Persons	Investors	Foreigners	Government	
	Mining												
	Construction												
	Manufacturing												
	Trade												
	Transportation												
	Services												
	Other												
VALUE ADDED	Employees	Employee compensation								PERSONAL CONSUMPTION EXPENDITURES			
	Owners of Business and Capital	Profit-type income and capital consumption allowances								GROSS PRIVATE DOMESTIC INVESTMENT			
	Government	Indirect business taxes and current surplus of govt. enterprises, etc.								NET EXPORTS OF GOODS AND SERVICES			
GROSS NATIONAL PRODUCT													

**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	1.1	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	70.4	0	0	0	0	(*)	0	0	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	.7	
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	.3	3.4	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	.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	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	53.6	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	.9	1.1
30. Paints and allied products.....	48.6	.9	47.7	22.6	0	22.6	2.7	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	(*)	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		
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	25.3	0	25.3	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		
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	1.1	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	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	58.8	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	.9	-.2	1.1	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	29.9	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; except radio and television broadcasting.....	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.....</																		

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	(*)	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	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	128	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	(*)	(*)	7	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	(*)	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	0	8
38	17	(*)	54	3	3	(*)	5	-30	0	0	-30	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	35	14	(*)	1	15	16
29	1	3	32	12	(*)	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	(*)	0	(*)	(*)	38
25	1	(*)	26	7	(*)	(*)	7	(*)	0	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	1,056	105	4	10	119	33	1	3	38	45
96	4	8	107	70	4	6	79	1	(*)	2	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
1,396	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

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

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 ferro-alloy 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.

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.

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.

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.

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-----	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 Motorcycles, 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	65 (excluding pt. 6561), 66.
71. 02	Real estate	

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).
72. 03	Barber and beauty shops	723, 724.
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	

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

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								323	(*)		
2 Other Agricultural Products	7,897	769	117	550											
3 Forestry & Fishery Products			35									3	(*)		
4 Agricultural, Forestry & Fishery Services	445	1,063	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	297	5	5	1			1		
8 Crude Petroleum & Natural Gas															
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		29	62	41	(*)	(*)	(*)	2	(*)		124	3	(*)		
18 Apparel	9			2	10	17	(*)	(*)	(*)		29	13	4		
19 Miscellaneous Fabricated Textile Products	17	43	1								7	(*)			
20 Lumber & Wood Products, Except Containers	2	2		14							3,554	723	16		
21 Wooden Containers		97											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	18		
28 Plastics & Synthetic Materials											1	(*)	1		
29 Drugs, Cleaning & Toilet Preparations											2	(*)	1		
30 Paints & Allied Products	83		(*)	(*)	(*)	(*)	(*)	(*)	(*)		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											6,159	569	10		
41 Stamping, 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	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											210	43	20		
50 Machine Shop Products	3	7	(*)	(*)	(*)	32	11	(*)	8	2	12	1	(*)		
51 Office, Computing & Accounting Machines											404	116	10		
52 Service Industry Machines											337	56	25		
53 Electric Industrial Equipment & Apparatus											184	99	5		
54 Household Appliances											1,123	183	46		
55 Electric Lighting & Wiring Equipment	1	1	36	(*)	(*)	1	11	(*)	1	1	79	20	281		
56 Radio, Television & Communication Equipment					(*)	(*)					1	1	106		
57 Electronic Components & Accessories					(*)						37	10	18		
58 Miscellaneous Electrical Machinery, Equipment & Supplies	6	25	2	(*)	(*)	2	2	1	1	1	36	14	1		
59 Motor Vehicles & Equipment	7	14	(*)	(*)		8	4	9	3	15			1,868		
60 Aircraft & Parts															
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.															
73 Business Services	139	836	1	(*)	33	14	28	108	22	6	2,959	281	110		
75 Automobile Repair & Services	76	161	7	1	1	2	8	42	19	1	235	101	9		
76 Amusements															
77 Medical, Educational Services & Nonprofit Organizations	181	13			1	1	2	5	(*)	2	57	24	8		
78 Federal Government Enterprises	4	4	(*)	(*)	1	1	2	5	1	2	18	8	10		
79 State & Local Government Enterprises		(*)	1	(*)	1	1	1	3	2	1	28	10	(*)		
80A Directly Allocated Imports		2	214	(*)											
80B Transferred Imports	174	221	428		423	213	2	1,046	108	88			18		
81 Business Travel, Entertainment & Gifts	18	32	18	16	3	7	11	67	11	2	359	154	49		
82 Office Supplies	1	1	(*)	(*)	1	(*)	1	5	5	1	17	7	10		
83 Scrap, Used & Secondhand Goods			5		5				5	1	38				
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	6,926	1,123	360	25,890	11,132	2,525		
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			1,589		

¹ Less than \$500,000.

1. Entry in each column represents the sum of the value of transferred imports at domestic price 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."

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[In millions of dollars at producers' prices]

3. Entry in each row represents the value of the secondary output of the industry named at the beginning of the row which has been transferred to the primary producing industries. See text for further discussion.

NOTE.—Detail may not add due to rounding.

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

[In millions of dollars at producers' prices]

Table 1.—Interindustry

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.									
	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	Livestock & Livestock Products	57																			
2	Other Agricultural Products																				
3	Forestry & Fishery Products																				
4	Agricultural, Forestry & Fishery Services																				
5	Iron & Ferroalloy Ores Mining																				
6	Nonferrous Metal Ores Mining																				
7	Coal Mining	2	(*)	3	17	1,168	15										1				
8	Crude Petroleum & Natural Gas				37	797	70	18													
9	Stone and Clay Mining and Quarrying				1	24	12	(*)									2	(*)	(*)		
10	Chemical & Fertilizer Mineral Mining	(*)															(*)				
11	New Construction	1	4	13	43	173	44	3	15	6	13	4					3	6			
12	Maintenance & Repair Construction		240	1	(*)	4	(*)	6	4								12	(*)	(*)		
13	Ordnance & Accessories																				
14	Food & Kindred Products																				
15	Tobacco Manufactures																				
16	Broad & Narrow Fabrics, Yarn & Thread Mills				99	14	12														
17	Miscellaneous Textile Goods & Floor Coverings				107	17	13	(*)	2	2	44	(*)					2	3	3		
18	Apparel				33	4	10	20	7	9	5	9									
19	Miscellaneous Fabricated Textile Products				30	(*)	20			1	1	1									
20	Lumber & Wood Products, Except Containers	1	39	58	29	35	22	2	21	36	57	2					7	3			
21	Wooden Containers	(*)	3	11	2	3	(*)	2	(*)	9	3	5					1	2	1		
22	Household Furniture				14	(*)				11	13										
23	Other Furniture & Fixtures																2				
24	Paper & Allied Products, Except Containers	(*)	15	2	147	7	21	1	15	18	61	1					1	1	2		
25	Paperboard Containers & Boxes	3	55	134	41	16	12	44	42	55	88	8					9	6			
26	Printing & Publishing	(*)	1	(*)	1	2	1	88	1	1	4	(*)	4				8	1	6		
27	Chemicals & Selected Chemical Products	32	(*)	130	172	411	148	8	38	36	123										
28	Plastics & Synthetic Materials	(*)	8		71	(*)	128	3	24	(*)							1		1		
29	Drugs, Cleaning & Toilet Preparations	39	7	1	25	2	1	2	6	3	5	(*)					7	12			
30	Paints & Allied Products	(*)	(*)	5	2	(*)	1	78	90	27	66	1	16	12							
31	Petroleum Refining & Related Industries	3	3	8	112	157	82	4	26	18	32	10					7	10			
32	Rubber & Miscellaneous Plastics Products	8	315	62	100	15	16	7	13	65	124	5	58	80							
33	Leather Tanning & Industrial Leather Products	179	607	(*)	3	5	2	(*)	1	(*)	(*)	10	(*)	(*)			14	(*)			
34	Footwear & Other Leather Products	2	100	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	11	18	1							
35	Glass & Glass Products	1	190	2			1	74	1	10	68	4	6	40							
36	Stone & Clay Products	1	(*)	78	1,065	45	35	5	21	19	72	18	9	14							
37	Primary Iron & Steel Manufacturing	6	7	111	4,897	136	993	2,154	1,047	1,543	235	424	639								
38	Primary Nonferrous Metal Manufacturing	1	16	23	528	4,883	35	671	287	742	92	22	46								
39	Metal Containers							1	1	18	1										
40	Heating, Plumbing & Structural Metal Products				11	16	8	4	3	183	30	68	4	6	40						
41	Stampings, Screw Machine Products & Bolts	(*)	1	31	2	149	43	48	165	100	141	57	87	47							
42	Other Fabricated Metal Products	1		1	101	424	67	5	339	71	338	25	51	91							
43	Engines & Turbines					1	2	11	15	16	4	195	139	121							
44	Farm Machinery & Equipment					46	20	(*)	(*)	2	20	4	25	147	88						
45	Construction, Mining & Oil Field Machinery				1	13	13	4	(*)	38	(*)	24	23	20	164						
46	Materials Handling Machinery & Equipment				3	27	80	73	3	34	51	114	62	42	131						
47	Metalworking Machinery & Equipment					1	47	7	13	7	23	8	4	7							
48	Special Industry Machinery & Equipment					11	126	42	(*)	85	29	55	92	262	268						
49	General Industrial Machinery & Equipment					1	172	109	8	(*)	(*)	82	83	16							
50	Machine Shop Products	(*)	(*)	(*)																	
51	Office, Computing & Accounting Machines					(*)		3		1	(*)	14			7				2		
52	Service Industry Machines	(*)				5	11	139	27	2	122	3	48	26	49						
53	Electric Industrial Equipment & Apparatus				10	(*)	5	6	18	5	31										
54	Household Appliances					14	5	31	(*)	1	6	(*)	11	(*)							
55	Electric Lighting & Wiring Equipment	(*)	(*)	(*)	1	1	22	6	15	13	45	9	1								
56	Radio, Television & Communication Equipment	(*)	(*)	(*)	1	1	(*)	1	3	2	5	(*)	3	2							
57	Electronic Components & Accessories	(*)	(*)	(*)	1	5	50	(*)	2	1	13	53	29	5							
58	Miscellaneous Electrical Machinery, Equipment & Supplies	(*)	(*)	(*)	8	77	70	(*)	12	122	53	24	43	95							
59	Motor Vehicles & Equipment	(*)	(*)	(*)	(*)	(*)	(*)	11	25	41	76	(*)	17	17			17				
60	Aircraft & Parts																				
61	Other Transportation Equipment						1	(*)	75	(*)	11	32	14	21							
62	Scientific, Controlling Instruments	(*)	12	2	22	6	(*)	59	17	37	7	4	8	8	8						
63	Optical, Ophthalmic & Photographic Equipment	(*)	11	1	2	1	1	3	1	(*)	1	13	13	13	(*)						
64	Miscellaneous Manufacturing	(*)	67	6	26	31	9	(*)	3	10	35	(*)	13	55	49						
65	Transportation & Warehousing	14	34	65	527	1,146	330	57	142	71	105	25	25	10	11	16					
66	Communications; Except Radio & TV Broadcasting	2	15	10	47	103	45	4	55	25	35	10	11	11	16						
67	Radio & TV Broadcasting																				
68	Electric, Gas, Water & Sanitary Services	9	13	113	308	624	325	17	63	44	82	13	18	27							
69	Wholesale & Retail Trade	35	112	108	244	737	425	73	280	112	251	74	118	132							
70	Finance & Insurance	6	22	21	77	214	72	18	54	35	59	8	24	39							
71	Real Estate & Rentals	10	28	24	61	55	56	17	110	52	85	3	13	23							
72	Hotels; Personal & Repair Services exc. Auto	(*)	1	2	4	12	3	1	27	3	5	2	3	3	3						
73	Business Services	8	86	66	197	328	144	47	146	79	163	38	79	56							
74	Automobile Repair & Services	(*)	3	3	28	19	7	1	10	3	8	3	3	4							
75	Amusements																				
76	Medical, Educational Services & Nonprofit Organizations	(*)	2	1	6	9	4	1	6	3	5	9	3	4	5						
77	Federal Government Enterprises	1	12	4	9	16	7	1	9	5	9	1	1	1	(*)						
78	State & Local Government Enterprises	(*)	(*)	1	10	8	3	(*)	1	1	1	1	1	1							
80A	Directly Allocated Imports	4	1	13		6	6	44	161	24	131	22									
80B	Transferred Imports	50	4	59	108	715	1,103	8	4	44	161	24	131	22							
81	Business Travel, Entertainment & Gifts	3	22	20	70	83	47	12	82	31	78	17	21	29							
82	Office Supplies	1	5																		

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(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		
									5							4		11	1	
(*)	1	1	1	(*)	1	1	2	2	1	(*)	1	15	2	2	(*)	(*)	3	1	2	
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2	(*)	10	
(*)	2	11	5	9	7	9	5	10	4	3	11	10	2	71	22	7	4	15	11	
(*)	1	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	108	(*)	16	207	(*)	9	9	(*)	12	
(*)	2	1	3	2	1	5	4	3	7	8	1	2	15	6	1	55	2	102	12	
(*)	1	6	1	4	5	3	2	6	3	3	10	6	129	2	35	2	(*)	51	13	
(*)	1	6	15	9	2	1	7	6	11	3	3	(*)	2	17	12	6	7	16	14	
(*)	1	1	1	2	1	10	3	8	1	6	2	1	397	18	1	1	1	156	15	
(*)	1	1	(*)	(*)	(*)	3	(*)	3	1	193	(*)	1	27	3	151	5	1	1	20	
(*)	3	2	2	6	1	13	4	40	5	1	18	62	1	1	39	6	(*)	21	23	
(*)	2	11	4	14	9	4	21	21	63	54	30	25	18	10	12	20	54	141	24	
(*)	1	1	1	1	(*)	2	1	10	5	(*)	29	1	(*)	2	11	2	24	15	25	
(*)	3	14	11	19	5	7	19	45	31	17	15	75	47	42	35	5	17	154	27	
(*)	5	3	2	(*)	5	2	21	21	20	30	46	23	10	11	18	9	22	186	28	
(*)	5	3	2	3	(*)	2	21	22	41	16	2	1	(*)	194	15	2	24	(*)	55	
(*)	5	20	24	30	5	7	8	32	7	31	25	11	3	69	49	12	9	3	31	
(*)	45	43	50	28	9	47	69	88	239	79	101	82	91	893	95	64	114	34	32	
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	1	(*)	17	33	
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3	4	31	34	
(*)	2	84	10	46	27	14	23	59	54	32	(*)	29	15	1	366	1	20	16	39	
(*)	170	443	337	594	196	51	212	386	342	201	73	76	61	3,453	315	615	20	6	36	
(*)	25	131	95	189	92	47	148	417	200	241	191	224	547	579	125	162	76	242	38	
(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	11	(*)	39	39	
(*)	16	23	82	86	8	1	105	15	33	22	2	3	(*)	23	5	189	1	(*)	40	
(*)	23	130	32	33	18	53	104	88	195	82	228	128	23	1,370	194	29	70	10	99	
(*)	43	139	58	141	47	45	152	129	184	68	174	100	26	1,130	210	124	85	17	115	
(*)	22	(*)	24	52	(*)	3	77	1	31	(*)	(*)	(*)	(*)	175	37	129	(*)	(*)	43	
(*)	6	14	13	6	(*)	1	(*)	5	31	(*)	(*)	(*)	(*)	21	(*)	26	1	(*)	7	
(*)	61	7	40	39	(*)	8	1	1	8	(*)	(*)	1	9	35	9	8	(*)	(*)	45	
(*)	108	6	15	24	1	(*)	(*)	8	2	9	(*)	1	9	17	13	3	1	1	46	
(*)	31	381	122	109	92	26	31	82	48	23	99	41	22	542	312	22	58	(*)	47	
(*)	18	33	224	63	3	1	9	2	3	6	4	2	12	3	6	2	1	1	48	
(*)	100	188	187	399	17	32	69	60	36	1	45	36	30	303	95	180	24	1	49	
(*)	31	13	22	22	224	(*)	(*)	15	6	(*)	38	(*)	4	416	583	24	(*)	2	50	
(*)	3	45	23	26	(*)	662	10	1	39	1	38	1	16	1	8	(*)	6	(*)	51	
(*)	9	3	2	39	(*)	8	194	37	103	3	19	5	13	207	4	10	30	2	52	
(*)	60	130	108	138	23	52	245	447	426	97	239	112	59	51	29	124	94	14	53	
(*)	53	18	44	(*)	30	15	63	46	46	101	140	96	22	180	10	12	30	17	54	
(*)	3	7	16	1	52	1	86	(*)	8	776	237	55	111	633	2	221	17	6	56	
(*)	12	(*)	1	9	16	239	1	163	1	35	1,966	213	24	73	124	3	73	20	57	
(*)	6	2	7	10	12	3	35	11	(*)	94	17	3	98	422	34	6	2	(*)	58	
(*)	28	66	16	84	9	15	73	31	42	19	3	1	70	13,166	18	57	34	1	59	
(*)	1	12	1	31	14	4	27	9	27	(*)	100	14	(*)	13	2,262	25	45	3	16	
(*)	1	1	14	17	7	1	44	8	(*)	62	22	17	247	8	8	387	13	20		
(*)	1	15	7	44	25	10	47	89	109	7	62	23	9	11	7	228	3	20	61	
(*)	1	1	5	(*)	(*)	(*)	(*)	3	(*)	(*)	23	9	11	40	(*)	30	101	5	62	
(*)	1	11	2	1	2	7	2	45	2	9	4	1	1	15	10	13	30	2	63	
(*)	21	38	36	49	23	19	37	69	63	42	73	37	25	637	102	78	29	26	65	
(*)	8	25	18	28	10	25	14	31	15	11	78	27	7	67	114	14	34	16	66	
(*)	7	39	21	40	19	14	17	50	31	20	49	37	15	165	88	20	22	11	68	
(*)	55	143	129	153	56	87	137	194	178	127	384	176	88	922	288	154	85	325	69	
(*)	10	34	26	19	25	12	44	17	9	44	22	7	119	52	23	27	12	40	70	
(*)	15	42	93	35	29	52	19	55	25	24	122	45	12	76	65	32	44	28	71	
(*)	1	5	3	4	2	1	1	4	2	1	5	4	1	15	40	3	4	3	72	
(*)	26	87	55	90	41	73	46	91	243	66	320	99	29	482	319	65	183	80	73	
(*)	2	5	4	6	2	4	3	7	2	3	17	5	2	388	21	4	5	2	75	
(*)	1	2	3	4	2	3	4	5	2	22	7	2	39	20	5	8	4	77	76	
(*)	18	9	41	(*)	82	1	49	(*)	42	236	48	45	103	69	60	33	96	318	80A	
(*)	10	61	97	41	(*)	82	1	49	(*)	42	236	48	45	103	69	60	33	96	318	80B
(*)	12	51	33	45	25	51	21	71	36	33	123	65	20	112	159	41	65	27	81	
(*)	2	6	4	6	2	3	7	7	2	18	6	1	15	17	43	4	7	10	82	
(*)	10	15	6	6	7											1		13	83	
(*)																			84	
(*)																			85	
(*)																			86	
(*)																			87	
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	I.	
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	1,736	1,859	1,430	2,868	V.A.	
1,617	2,240	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	
		705	475	738	166	286	611	709	495	283	866	317	687	711	227	687	596	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	36	636	
3 Forestry & Fishery Products														
4 Agricultural, Forestry & Fishery Services				3	(*)		17						(*)	
5 Iron & Ferroalloy Ores Mining				1	1		7						(*)	
6 Nonferrous Metal Ores Mining				636	2		6						11	
7 Coal Mining	9			1,948	7		10	1	(*)	1			67	
8 Crude Petroleum & Natural Gas	21			(*)	4		80	1	1	1				
9 Stone and Clay Mining and Quarrying				(*)	(*)		15							
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	132			2	732		107	2	1			302	214	
15 Tobacco Manufactures				(*)	4		6							
16 Broad & Narrow Fabrics, Yarn & Thread Mills			2	14			18	44	3				18	
17 Miscellaneous Textile Goods & Floor Coverings	17	(*)	4	(*)	20	(*)	3	6	(*)	(*)	(*)	(*)	4	
18 Apparel	15	4		7	105		36	64	6	6	6	3	16	
19 Miscellaneous Fabricated Textile Products					42		1	87					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	(*)	4	
35 Glass & Glass Products	3				38		12	(*)		73			(*)	
36 Stones & 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 Stamping, Screw Machine Products & Bolts	7				51		11						2	
42 Other Fabricated Metal Products	103				112		14	53	12	83		2	(*)	
43 Engines & Turbines	56			2	15		1	100	33					
44 Farm Machinery & Equipment				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	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	(*)	7	24	63	(*)	1	8	1	13	(*)	1	1	
56 Radio, Television & Communication Equipment	(*)	172		1	40		13	5						
57 Electronic Components & Accessories	34	3	(*)	2	33		14	404				3		
58 Miscellaneous Electrical Machinery, Equipment & Supplies	83	4	(*)	3	90	2	8	5	28	193	(*)	4	1	
59 Motor Vehicles & Equipment	110			99	2	36	5	4	846	1	5	5	8	
60 Aircraft & Parts	204				107		16	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			62	1	
64 Miscellaneous Manufacturing	1	(*)	(*)	(*)	189	(*)	13	319	376	(*)		34	47	
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					
68 Electric, Gas, Water & Sanitary Services	250	146	23	5,529	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	192	15	
71 Real Estate & Rental	890	252	52	167	6,416	1,625	2,769	861	1,356	303	721	2,604	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	
74 Automobile Repair & Services	608	104	1	44	972	78	131	127	179	37	19	151	16	
75 Amusements			2	606	87	1	127	2	114		1,481	31	(*)	
76 Medical, Educational Services & Nonprofit Organizations	46	12	2	8	120	358	76	42	51	6	19	311	1	
77 Federal Government Enterprises	91	65	3	520	1,186	653	328	42	673	6	28	249	2	
78 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		
80B Transferred Imports	1,017				105		15						244	
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	9,828	17,563	6,427	3,961	23,180	2,774	
T.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	
TR. Transfers	2,058			4,632	4,229	121	8,293	2	10,415	149	17			

Transactions, 1963—Continued

[In millions of dollars at producers' prices]

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	.....	.....	.....	.....	.....	.....	0.00493
2	Other Agricultural Products.....	.29596	.02819	.06685	.31040	.....	.....	.....	.....	.....	.....	.....
3	Forestry & Fishery Products.....	.....	.....	.01992	.....	.....	.....	.....	.....	.....	.....	.....
4	Agricultural, Forestry & Fishery Services.....	.01667	.03863	.04243	.....	0.03846	0.00089	0.00004	.....	0.00002	0.00215	.....
5	Iron & Ferroalloy Ores Mining.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.00005
6	Nonferrous Metal Ores Mining.....	.....	.....	.....	.....	.01782	.17332	.00010	0.00002	.00225	.00013	.....
7	Coal Mining.....	.00021	.00002	.....	.....	.00361	.00090	.15561	(*)	.00227	.00087	.....
8	Crude Petroleum & Natural Gas.....	.....	.....	.....	.....	.....	.....	.....	.02418	.....	.....	.....
9	Stone and Clay Mining and Quarrying.....	.00006	.00311	.....	(*)	.00339	.00029	.00026	.....	.00860	.00772	.00729
10	Chemical & Fertilizer Mineral Mining.....	.....	.00129	.....	.....	.....	.00408	.00001	.....	.00072	.04442	.....
11	New Construction.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Maintenance & Repair Construction.....	.00750	.01344	.....	.....	.00060	.00491	.00549	.03093	.00543	.00394	.00227
13	Ordnance & Accessories.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00008
14	Food & Kindred Products.....	1.3319	.00008	.02529	.01933	.....	.....	.....	.....	.....	.....	.00010
15	Tobacco Manufactures.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00007
16	Broad & Narrow Fabrics, Yarn & Thread Mills.....	.....	.00034	.....	.....	.00001	.00019	.....	.....	.....	.....	.00047
17	Miscellaneous Textile Goods & Floor Coverings.....	.00035	.00106	.03536	.02296	(*)	.00010	.....	.....	.....	.....	.00189
18	Apparel.....	.....	.....	.....	.....	.00001	.....	.....	.....	.....	.....	.00044
19	Miscellaneous Fabricated Textile Products.....	.00065	.00158	.00072	.....	.....	.....	.....	.....	.....	.....	.00011
20	Lumber & Wood Products, Except Containers.....	.00008	.00008	.....	.....	.00169	.00651	.00636	.00001	.00002	.00043	.05424
21	Wooden Containers.....	.....	.00355	.....	.00798	.....	.....	.....	.....	.....	.....	.....
22	Household Furniture.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00523
23	Other Furniture & Fixtures.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00281
24	Paper & Allied Products, Except Containers.....	.00044	.00004	.00022	.00003	.00015	.00026	.00038	.00014	.00287	.00289	.00317
25	Paperboard Containers & Boxes.....	.00006	.00011	.....	.04877	.....	.....	.....	.....	.....	.....	.00007
26	Printing & Publishing.....	.00018	.00032	.00020	.00001	.00002	.00005	.00002	.00003	.00004	.00005	.00003
27	Chemicals & Selected Chemical Products.....	.00213	.05224	.00091	.00051	.01487	.03669	.01443	.00822	.01688	.02871	.00307
28	Plastics & Synthetic Materials.....	.....	.....	.....	.....	.....	.00009	.....	.....	.....	.....	.00002
29	Drugs, Cleaning & Toilet Preparations.....	.00310	.....	(*)	(*)	(*)	.00001	(*)	.....	.00001	.00025	.00003
30	Paints & Allied Products.....	.....	.....	.00252	(*)	(*)	.....	.....	.00037	.00001	.00002	.00469
31	Petroleum Refining & Related Industries.....	.00636	.03499	.01959	.00195	.00737	.00462	.00868	.00524	.02550	.00823	.01709
32	Rubber & Miscellaneous Plastics Products.....	.00109	.00419	.00059	.00004	.00473	.00641	.01233	.00128	.03455	.00250	.00743
33	Leather Tanning & Industrial Leather Products.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00001
34	Footwear & Other Leather Products.....	.00027	.....	(*)	.00156	(*)	.00001	(*)	.....	.00001	.00001	.00001
35	Glass & Glass Products.....	.00020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00123
36	Stone & Clay Products.....	.....	.00005	.00143	.00028	(*)	.00251	.00112	.00119	.00333	.05715	.00065
37	Primary Iron & Steel Manufacturing.....	.....	.00077	.00115	.00861	.07439	.00091	.00249	.00466	.00107	.00220	.00099
38	Primary Nonferrous Metal Manufacturing.....	.....	.....	.....	.....	.....	.00585	.00719	.01486	.00243	.01362	.01974
39	Metal Containers.....	.00029	.00046	.....	.01216	.....	.00102	.00025	.00003	.....	.00116	.00287
40	Heating, Plumbing & Structural Metal Products.....	.....	.....	.....	.....	.....	.00022	.00099	.....	.00150	.00084	.00400
41	Stampings, Screw Machine Products & Bolts.....	.....	.00093	.....	.....	(*)	.00251	.00112	.00119	.00333	.05715	.00171
42	Other Fabricated Metal Products.....	.....	.00077	.00115	.00861	.07439	.00091	.00249	.00466	.00107	.00220	.001488
43	Engines & Turbines.....	.....	.....	.....	.....	.....	.01674	.01954	.03210	.00200	.02354	.02344
44	Farm Machinery & Equipment.....	.....	.00020	.00840	.....	.....	.....	.....	.....	.....	.....	.00002
45	Construction, Mining & Oil Field Machinery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00364
46	Materials Handling Machinery & Equipment.....	.....	.....	.....	.....	.....	.00015	.00228	.00022	.....	.00792	.00636
47	Metalworking Machinery & Equipment.....	.....	.....	.....	.....	.....	.00083	.00037	.0172	.....	.....	.00017
48	Special Industry Machinery & Equipment.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	General Industrial Machinery & Equipment.....	.....	.....	.....	.....	.....	.00016	.00048	.00079	.00200	.01130	.00240
50	Machine Shop Products.....	.....	.00011	.00024	.00011	.00001	.00014	.02082	.00425	.00003	.00378	.00248
51	Office, Computing & Accounting Machines.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Service Industry Machines.....	.....	.....	.....	.....	.....	.00004	.00043	.00279	.00666	.00367	.00693
53	Electric Industrial Equipment & Apparatus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00515
54	Household Appliances.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00280
55	Electric Lighting & Wiring Equipment.....	.....	.00003	.00005	.02045	.00001	.00013	.00040	.00419	.00002	.00051	.00137
56	Radio, Television & Communication Equipment.....	.....	.....	.....	.....	.....	.00004	.00013	.....	.00033	.....	.00121
57	Electronic Components & Accessories.....	.....	.....	.....	.....	.....	.....	.....	.00119	.....	.....	.00002
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	.00022	.00093	.00105	.....	.00001	.00017	.00018	.00030	.00007	.00069	.00020
59	Motor Vehicles & Equipment.....	.00025	.00051	.00022	.....	.00003	.00156	.00155	.00301	.00027	.00724	.00143
60	Aircraft & Parts.....	.....	.....	.....	.....	.00022	.....	.....	.....	.....	.....	.....
61	Other Transportation Equipment.....	(*)	.00016	.01184	.....	.....	.00006	.00122	.00337	.....	.00006	.00044
62	Scientific & Controlling Instruments.....	.....	.....	.00040	.....	.00025	.00033	.....	.00336	.....	.....	.00317
63	Optical, Ophthalmic & Photographic Equipment.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00007
64	Miscellaneous Manufacturing.....	.....	.00006	.00007	.00012	(*)	.00001	.00067	(*)	.....	.00002	.00003
65	Transportation & Warehousing.....	.....	.02272	.01131	.02517	.01445	.08811	.01947	.01760	(*)	.02293	.01661
66	Communications; Except Radio & TV Broadcasting.....	.....	.00196	.00303	.....	.....	.00091	.00115	.00134	.00070	.00030	.00402
67	Radio & TV Broadcasting.....	.....	.00360	.00749	.00009	.00045	.01888	.02687	.02469	.01148	.03054	.05155
68	Electric, Gas, Water & Sanitary Services.....	.....	.03260	.03090	.03215	.02882	.01502	.01827	.02199	.01180	.02669	.02059
69	Wholesale & Retail Trade.....	.....	.00583	.01155	.00188	.00322	.00476	.01637	.01076	.00763	.01423	.00832
70	Finance & Insurance.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00612
71	Real Estate & Rental.....	.....	.01082	.07407	.....	.02324	.07753	.02748	.02760	.18312	.02212	.01622
72	Hotels; Personal & Repair Services exc. Auto.....	.....	.00519	.03068	.00038	.00002	.02282	.00923	.01080	.00881	.01076	.00882
73	Business Services.....	.....	.00285	.00589	.00387	.00051	.00073	.00151	.00293	.00343	.00032	.00137
75	Automobile Repair & Services.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00358
76	Amusements.....	.....	.....	.....	.....	.....	.00054	.00068	.00077	.00039	.00019	.00262
77	Medical, Educational Services & Nonprofit Organizations.....	.....	.00677	.00047	.....	.....	.....	.....	.....	.....	.....	.00087
78	Federal Government Enterprises.....	.....	.00015	.00115	.00018	.00017	.00080	.00082	.00068	.00043	.00050	.00230
79	State & Local Government Enterprises.....	.....	.00002	.00003	.00017	.00003	.00040	.00057	.00024	.00026	.00112	.00122
80	Gross Imports of Goods & Services.....	.....	.00659	.01594	.04437	.00006	.29580	.14007	.00083	.08531	.05336	.12564
81	Business Travel, Entertainment & Gifts.....	.....	.00066	.00117	.01002	.00904	.00231	.00453	.00409	.00544	.00533	.00274
82	Office Supplies.....	.....	.00003	.00003	.00025	.00023	.00023	.00030	.00041	.00041	.00041	.00026
83	Scrap, Used, Secondhand Goods.....	.....	.....	.....	.00309	.....	.00037	.00344	.00033	.....	.00233	.00145
V.A.	Value Added.....	.....	25080	54388	34163	32835	33257	41171	.58412	.56475	.55470	.51735
T.	Total.....	.....	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

SURVEY OF CURRENT BUSINESS

Per Dollar of Gross Output, 1963

[Producers' prices]

(Producers' prices)

Table 2.—Direct Requirements Per

Industry No.	For the composition of inputs to an industry, read the column for that industry.	Drugs, cleaning, and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscellane- ous 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	Primary nonferrous metal manufacturing	Metal containers
29	30	31	32	33	34	35	36	37	38	39		
1	Livestock & Livestock Products.....	0.00027				0.05895						
2	Other Agricultural Products.....	.00088						0.00073				
3	Forestry & Fishery Products.....	.00014										
4	Agricultural, Forestry & Fishery Services.....											
5	Iron & Ferroalloy Ores Mining.....							.00176	0.04746	0.00106		
6	Nonferrous Metal Ores Mining.....											
7	Coal Mining.....	.00039	0.00013	0.00043	0.00093	.00214	0.00012	0.00003	.00003	.00006	.06242	
8	Crude Petroleum & Natural Gas.....			.44937				.00096	.00863	.01908	.00093	0.00013
9	Stone and Clay Mining and Quarrying.....	.00036	.00202	.00364	.00099			.01251	.06347	.00284	.00128	
10	Chemical & Fertilizer Mineral Mining.....	.00024		.00002	.00002	.00034		.00046	.00256	.00048	(*)	
11	New Construction.....											
12	Maintenance & Repair Construction.....	.00277	.00228	.01601	.00289	.00136	.00127	.00440	.00454	.00704	.00311	.00126
13	Ordnance & Accessories.....			(*)	.00004					.00019	.00002	
14	Food & Kindred Products.....	.03559	.04078	.00115	.00003	.24820	.00037	.00008	.00041	.00002	.00043	.00180
15	Tobacco Manufactures.....			.00001								
16	Broad & Narrow Fabrics, Yarn & Thread Mills.....	.00015	.00028	(*)	.01830		.02884		.00147		.00086	
17	Miscellaneous Textile Goods & Floor Coverings.....	(*)	(*)	(*)	.03987		.03129		.00176		.00091	
18	Apparel.....	.00039	.00041	.00016	.00219		.00964	.00131	.00103	.00083	.00051	.00067
19	Miscellaneous Fabricated Textile Products.....	.00003			.00057		.00884	.00011	.00210			
20	Lumber & Wood Products, Except Containers.....	.00133	.00011	.00020	.00278	.00090	.01138	.01982	.00308	.00140	.00153	.00085
21	Wooden Containers.....	.00021	.00036	.00001	.00036	.00041	.00074	.00388	.00020	.00012	.00014	.00002
22	Household Furniture.....				.00033			.00494	.00005			
23	Other Furniture & Fixtures.....				.00001							
24	Paper & Allied Products, Except Containers.....	.00818	.00049	.00468	.00540	.00031	.00448	.00062	.01539	.00080	.00147	.00026
25	Paperboard Containers & Boxes.....	.02365	.00767	.00277	.01631	.00271	.01606	.04565	.00427	.00066	.00084	.01783
26	Printing & Publishing.....	.00351	.00014	.00004	.00018	.00006	.00033	.00014	.00014	.00007	.00007	.03620
27	Chemicals & Selected Chemical Products.....	.10665	.20252	.02659	.03876	.03283	.00010	.04446	.01800	.01673	.01040	.00341
28	Plastics & Synthetic Materials.....	.00294	.00250	.00002	.18099	.00044	.0245		.00744	.00001	.00899	.00104
29	Drugs, Cleaning & Toilet Preparations.....	.05701	.00859	.00304	.00047	.04041	.00200	.0029	.00259	.00007	.00005	.00072
30	Paints & Allied Products.....	.00126	.00021	.00009	.0106	(*)	(*)	.00180	.00016	(*)	.00009	.03181
31	Petroleum Refining & Related Industries.....	.00638	.04261	.07430	.00213	.00362	.00092	.00285	.01173	.00639	.00577	.00158
32	Rubber & Miscellaneous Plastics Products.....	.03193	.00419	.00008	.04502	.00840	.00180	.02128	.01048	.00061	.00112	.00293
33	Leather Tanning & Industrial Leather Products.....	.00003	.00004	.00010	.00054	.18555	.17718	.00008	.00035	.00021	.00012	.00004
34	Footwear & Other Leather Products.....	(*)			.00134	.00235	.02931	(*)	.00001	.00001	(*)	(*)
35	Glass & Glass Products.....	.01799	.00021		.00244		.00027	.06466	.00017			
36	Stone & Clay Products.....	.00211	.00442	.00252	.00749	.00109	(*)	.02650	.11150	.00185	.00246	.00204
37	Primary Iron & Steel Manufacturing.....	.00002	.00243	.00005	.00507		.00188	.00237	.01159	.00050	.00050	.40606
38	Primary Nonferrous Metal Manufacturing.....			.00050	.00230	.00244		.00041	.00529	.00241	.02145	.34217
39	Metal Containers.....	.01991	.06022	.00612	.00021					.00003		.00029
40	Heating, Plumbing & Structural Metal Products.....		.00008	.00019	.00015			.00361	.00171	.00031	.00027	.00133
41	Stampings, Screw Machine Products & Bolts.....	.00350	.00010	(*)	.00628	.00009	.00011	.00055	.00017	.00060	.00298	.01950
42	Other Fabricated Metal Products.....	.00892	.00056	.00030	.00668	.00129	.00012	.00043	.01054	.01722	.00469	.00222
43	Engines & Turbines.....									.00015	.00010	.00077
44	Farm Machinery & Equipment.....									.00001	.00129	
45	Construction, Mining & Oil Field Machinery.....									.00482	.00080	.00005
46	Materials Handling Machinery & Equipment.....										.00054	.00012
47	Metalworking Machinery & Equipment.....										.00038	.00121
48	Special Industry Machinery & Equipment.....	.00001			.00142						.00325	
49	General Industrial Machinery & Equipment.....	.00005	.00013	.00010	.00014	.00021	.00001	.0014	.00119	.00511	.00292	
50	Machine Shop Products.....	.00013	.00002	.00001	.00065	.00001	.00002	.00002	.00007	.00700	.00766	.00008
51	Office, Computing & Accounting Machines.....	(*)			.00004				.00001			
52	Service Industry Machines.....		.00006		.00005	.00010			.00062	.00020		
53	Electric Industrial Equipment & Apparatus.....	.00001			.00059			.00341	.00118	.00563	.00190	.00081
54	Household Appliances.....		.00003		.00075			.00010	.00005	.00019	.00039	
55	Electric Lighting & Wiring Equipment.....	.00035	.00002	(*)	.00002	.00001	.00001	.00001	.00149	.00022	(*)	
56	Radio, Television & Communication Equipment.....	.00006		.00002	.00112	.00033	.00014	.00039	.00012	.00002	.00153	
57	Electronic Components & Accessories.....				.00017			.00013	.00007	.00001	.00010	.00006
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	.00002	.00003	.00002	.00002	.00002	.00002	.00003	.00011	.00020	.00353	.00002
59	Motor Vehicles & Equipment.....	.00007	.00007	.00004	.00047	.00004	.00008	.00007	.00088	.00314	.00494	.00009
60	Aircraft & Parts.....				.00343			.00008	.00001	.00001		.04335
61	Other Transportation Equipment.....				.00004					.00004		
62	Scientific & Controlling Instruments.....	.00681	.00009	.00003	.00087	.00020	.00356	.00057	.00024	.00088	.00039	.00015
63	Optical, Ophthalmic & Photographic Equipment.....	.00004	.00003	.00003	.00076	.00007	.00319	.00018	.00010	.00006	.00004	.00005
64	Miscellaneous Manufacturing.....	.00192	.00032	.00016	.00658	.00009	.01952	.00191	.00271	.00127	.00066	.00007
65	Transportation & Warehousing.....	.01549	.02048	.04423	.01723	.01474	.01007	.02225	.05529	.04657	.02314	.02339
66	Communications; Except Radio & TV Broadcasting.....	.00447	.00525	.00117	.00332	.00219	.00427	.00328	.00495	.00417	.00315	.00149
67	Radio & TV Broadcasting.....											
68	Electric, Gas, Water & Sanitary Services.....	.00397	.00455	.01787	.01071	.00922	.00385	.03853	.03224	.02537	.02279	.00693
69	Wholesale & Retail Trade.....	.03363	.04896	.01823	.03020	.03628	.03260	.03686	.02555	.02994	.02977	.0284
70	Finance & Insurance.....	.00626	.00645	.00980	.00496	.00593	.00665	.00729	.00810	.00870	.00502	.00717
71	Real Estate & Rental.....	.00955	.00867	.01915	.00767	.01023	.00825	.00811	.00639	.02220	.00395	.00680
72	Hotels; Personal & Repair Services exc. Auto.....	.00374	.00349	.00042	.00108	.00002	.0038	.00076	.00045	.00047	.00023	.00039
73	Business Services.....	.04213	.02709	.02231	.02337	.00849	.02501	.02250	.02064	.01333	.01008	.01920
74	Automobile Repair & Services.....	.00064	.00095	.00039	.00078	.00051	.00074	.00088	.00290	.00076	.00052	.00054
75	Amusements.....											
76	Medical, Educational Services & Nonprofit Organizations.....	.00053	.00070	.00013	.00055	.00032	.00055	.00041	.00068	.00036	.00027	.00023
77	Federal Government Enterprises.....	.00204	.00149	.00064	.00103	.00081	.00353	.00120	.00091	.00064	.00053	.00031
78	State & Local Government Enterprises.....	.00013	.00012	.00011	.00019	.00040	.00006	.00021	.00109	.00033	.00019	.00006
79	Gross Imports of Goods & Services.....	.00697	.00538	.03366	.03330	.05561	.00152	.01999	.01272	.02904	.07771	.00344
80	Business Travel, Entertainment & Gifts.....	.01211	.01845	.00156	.00817	.00263	.00635	.00680	.00735	.00339	.00327	.00501
81	Office Supplies.....	.00097	.00123	.00040	.00088	.00058	.00151	.00101	.00085	.00063	.00042	.00031
82	Scrap, Used & Secondhand Goods.....	.00035	.00097	.00080	.00035			.00466	.00025	.02684	.02474	
83	Value Added.....	.41076	.36189	.23357	.44618	.25933	.43006	.54793	.48121	.42459	.27884	.34135
V.A.	Total.....	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

Dollar of Gross Output, 1963—Continued

[Producers' prices]

Heating, plumbing and structural metal products	Stampings, screw machine products	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	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		
				0.00007											0.00147			
0.00013	0.00017	.00024	0.00089	0.00062	0.00046	0.00025	0.00017	0.00017	0.00023	0.00007	0.00022	0.00023	0.00026	0.00042	.00017	0.00012		
.00008		.00024	.00001	.00004	.00001			.00003	.00005	.00004	.00003		.00001	.00005	.00002	(*)		
.00166	.00131	.00142	.00163	.00107	.00143	.00144	.00206	.00134	.00166	.00300	.00217	.00158	.00153	.00087	.00086	.00087	1	
.00197	.00406	.00054	.00504	.00011	.00005	.00022	.00012	.00160	.00001	.00010	.00002	.00007	.00473	.00002	.00864	.00864	2	
.00004		.00001						.00010	.00088				.00089		.00005		3	
.00026	(*)	.00006				.00105				.00070		.00003		.00047	.00144		4	
.00098	.00111	.00105	.00077	.00082	.00080	.00071	.00114			.00029	.00003	(*)	.00030	.00140	.00066	.00252	5	
.00012	.00009	.00015		.00006				.00014		.00007	.00091	.00144	.00067	.00069	.00075	.00102	6	
.00238	.00727	.00637	.00076	.00243	.00083	.00059		.00110	.00405			.00005				.00083	7	
.00100	.00055	.00052	.00040	.00051	.00036			.00015	.00025		.00024		.00199	.00086	.00226	.00088	8	
.00018	.00007	.00148		.00008				.00018	.00011	.00002	.00005		.00079	.00031	.00047	.00165	9	
.00119	.00111	.00078		.00079				.00174					.00193		.00002	.00023	10	
.00170	.00359	.00683	.00036	.00040	.00037	.00043	.00047		.00054	.00104	.00053	.00334	.00106	.00617	.00111	.00043	11	
.00463	.01105	.00979	.00352	.00300	.00147	.00128	.00209	.00121	.00260	.00405	.00104	.00610	.00322	.01345	.01760	.00288	12	
.00015	.00016	.00039	.00013	.00012	.00013	.00018	.00023		.00030	.00017	.00015	.00057	.00017	.00155	.00110	.00013	13	
.00419	.00725	.01376	.00186	.00249	.0160	.00184				.00278	.00308	.00234	.00181	.00545	.00685	.00671	.00550	14
.00062	.00067	.00553	.00018	.00017	.00015	.00012	.00026	.00058	.00016	.00042	.00009	.00105	.00012	.00167	.00010	.00011	15	
.00998	.00542	.00732	.00035	.00506	.00289	.00311	.00056	.00044	.00055		.00051	.00630	.00338	.00880	.00522	.00149	16	
.00288	.00364	.00360	.00433	.00223	.00245	.00330	.00393	.00650	.00553	.00237	.00186	.00225	.00496	.00150	.00095	.00201	17	
.00141	.01320	.01379	.00225	.01880	.01965	.02763	.00827	.01341	.00519	.00417	.01200	.02038	.01336	.05116	.02572	.00809	18	
(*)		.00008	.00006	.00006	.00461	.00007	.00004		.00006	.00002		.00002		.00003	.00003	.00003	19	
.00818		.00030	.00108			(*)	(*)		.00004	.00002			(*)	(*)	.00071	(*)	20	
.00233	.00380	.00804	.00749	.00301	.00334	.00102	.01631	.00258	.00855	.01208	.00369	.00664	.00902	.01161	.01045	.00001	21	
.23940	.21134	.17215	.09811	.13781	.15722	.10490	.08607	.09071	.11089	.08670	.01292	.06264	.05948	.07336	.06516	.00586	22	
.07462	.05782	.08275	.03829	.00719	.01126	.01557	.02545	.02557	.03532	.04059	.0196	.04353	.06426	.04278	.07831	.01802	23	
.00118	.00371		.00009					.00016	.00004	.00002			.00004				24	
.02039	.00612	.00753	.00176	.00183	.00994	.00975	.00447	.02211	.01613	.03635	.00016	.03100	.00234	.00716	.00721	.00013	25	
.01834	.02018	.01569	.02376	.02838	.01169	.01396	.02531	.00859	.00626	.00787	.01359	.03070	.01349	.04170	.02676	.01834	26	
.03769	.01433	.03775	.01060	.01642	.02323	.02630	.02699	.01669	.02643	.02064	.01161	.04495	.01985	.03945	.02209	.01402	27	
.00170	.00324	.00441	.05141	.04498	.02987	.01360			.00650	.00978	.00004		.00085	.01179			28	
.00018	.00407	.00048	.00122	.04758	.02159	.00362	.02970	.00343	.00115	.00003	.00030		.00005	.00075	.00659		29	
.00425	.00006	.00273	.00975	.00664	.04046	.03800	.00140	.01074	.00736	.00010	.00005	.00018	.00125		.00004	.00001	30	
.00172	.00026	.00182	.00321	.00068	.00749	.06687	.00110	.00466	.00448	.00038	.00009	.00223	.00028	.00192	.00012	.00011	31	
.00376	.01032	.02569	.01360	.03227	.01925	.07409	.03295	.02044	.04067	.00651	.00914	.01265	.01021	.00741	.00793		32	
.00142	.00133	.00251	.00330	.00135	.00175	.01113	.00642	.06032	.01182	.00145	.00020	.00277	.00028	.00059	.00188	.00030	33	
.00943	.00590	.00609	.03844	.08509	.06591	.06181	.03652	.05023	.07453	.00765	.00804	.02042	.00931	.00761	.00045	.00358	34	
.00094		.00002	.03423	.02702	.00405	.01965	.00246	.00598	.00406	.00904	.00005	.00005	.00233	.00138	.00003	.00299	35	
.00008	.00008	.00156		.00005	.00182	.00185		.00881	.00630	.00484	.00017	.16856	.00310	.00011	.00840	.00022	36	
.01518	.00018	.00218	.00015	.00046	.00045	.00567	.00065	.00057	.00734	.00007	.00213	.05714	.00573	.02203	.00097	.01511	37	
.01353	.00070	.00535	.01079	.00260	.01203	.03691	.02536	.02906	.02578	.00997	.01331	.07222	.06888	.09112	.03135	.01914	38	
.00206	.00110	.00346		.00129	.00007			.01027	.00483	.00820	.00004		.08253	.01824	.01494	.0280	39	
.00002	.00028	.00064		.00001	.00372	.00001	.00003		.00004	.00242	.00036	.00001	.00442	.00993	.03294	.01124	40	
.00067	.00295	.00140	.01872	.00307	.00014			.00062	.00178	.00298	.00040	.01329	.00018	.01317	(*)	.00259	41	
.00037	.00047	.00055	.00017	.00084	.00047	.00747			.00015	.00176	.00721	.06087	.00025	.02517	.00020	.01138	42	
.00019	.00030	.00142	.02202	.00944	.00117	.00345			.00048	.00178	.00192	.00552	.00081	.01037	.00170	.00009	43	
.00138	.02464	.00586	.01020	.01893	.02340	.01714	.01282		.001570	.00438	.01570	.04142	.00882	.02156	.00479	.00897	44	
.00279	.00050	.04568	.03165	.00011	.00420	.00053	.00228		.00018	.00582	.00600	.00103	.00782	.00139	.00584	.00004	45	
.00834	.00004	.00126	.01322	.00467	.00506	.00091		.00017	.00389	.00309	.00289		.00041	.00679	.00163	.00006	46	
.00660	.00337	.00409	.03000	.00127	.00195	.00054	.00287		.00182	.00826	.01129	.00267	.01399	.01369	.02336	.00230	47	
.00029	.00013	.00011	.00006	.00023	.00006	.00005	.00025		.00145	.00008	.00014	.00006	.00007	.00046	.00006	.00113	48	
.00039	.00203	.00394		.00016	.00010	.00036	.00215		.00025	.00032	.00043	.00003	.00201	.00034	.00972	.00665	49	
.01580	.01425	.01181	.01065	.01763	.01222	.01331	.00741	.00977	.00917	.01021	.00487	.01098	.01063	.01330	.01365	.00590	50	
.00609	.00506	.00396	.00396	.00356	.00397	.00522	.00479	.00479	.00485	.00516	.00456	.00650	.00403	.00484	.00315	.00359	51	
.00695	.00889	.00917	.00637	.00677	.00655	.00451	.00756		.00560	.00740	.00847	.00351	.00495	.00771	.00665	.00644	52	
.03111	.02265	.02791	.03103	.03821	.03228	.03428	.02784	.03459	.02866	.02471	.02195	.04030	.02982	.03811	.04125	.03082	53	
.00600	.00716	.00660	.00340	.00770	.00969	.00617	.00660	.00703	.00479	.00864	.00632	.00343	.00681	.00360	.00289	.00350	54	
.01218	.01043	.00948	.00129	.00407	.00557	.00897	.00817	.02507	.00651	.01302	.01326	.00572	.00854	.00538	.00788	.00979	55	
.00297	.00064	.00568	.00608	.00109	.00072	.00067	.00096	.00069	.00071	.00029	.00018	.00068	.00035	.00042	.00042	.00442	56	
.01628	.01604	.01813	.01584	.02565	.01369	.016												

[Producers' prices]

Table 2.—Direct Requirements Per

Industry No.	For the composition of inputs to an industry, read the column for that industry.								Transportation and warehousing
	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	
	57	58	59	60	61	62	63	64	65
1	Livestock & Livestock Products					0.00092			0.00005
2	Other Agricultural Products						0.00160		.00225
3	Forestry & Fishery Products .....						.00054		
4	Agricultural, Forestry & Fishery Services								
5	Iron & Ferroalloy Ores Mining								
6	Nonferrous Metal Ores Mining								
7	Coal Mining	0.00010	0.00025	0.00038	0.00011	0.00038	.00007	0.00107	.00020
8	Crude Petroleum & Natural Gas .....								.00023
9	Stone and Clay Mining and Quarrying .....	.00007	.00007	.00005			.00004		.00054
10	Chemical & Fertilizer Mineral Mining .....							.00027	
11	New Construction								
12	Maintenance & Repair Construction .....	.00231	.00067	.00178	.00153	.00145	.00164	.00164	.02956
13	Ordnance & Accessories .....	.00008		.00041	.01448	.00004	.00211	.00342	.00003
14	Food & Kindred Products .....						.00329		.00175
15	Tobacco Manufactures .....								.00336
16	Broad & Narrow Fabrics, Yarn & Thread Mills .....		.00071	.00037	.00045	.00029	.01288	.00067	.01424
17	Miscellaneous Textile Goods & Floor Coverings	(*)		.00322	.00017	.00716	.00047	(*)	.00714
18	Apparel .....	.00140	.00087	.00043	.00083	.00116	.00165	.00076	.00229
19	Miscellaneous Fabricated Textile Products .....			.00991		.00361	.00013		.00090
20	Lumber & Wood Products, Except Containers .....	.00005	.00039	.00067	.00020	.03089	.00108	.00024	.02176
21	Wooden Containers .....	.00034	.00066	.00018	.00026	.00006	.00054		.00050
22	Household Furniture .....	.00004		.00001		.00602	.00096		.00300
23	Other Furniture & Fixtures .....			.00004	.00274	.01118	.00005	.00006	
24	Paper & Allied Products, Except Containers .....	.01366	.00049	.00025	.00055	.0236	.00460	.02145	.01968
25	Paperboard Containers & Boxes .....	.00563	.00805	.00033	.00078	.0034	.00556	.00596	.01768
26	Printing & Publishing .....	.00027	.00012	.00004	.00029	.00011	.00035	.00051	.00609
27	Chemicals & Selected Chemical Products .....	.01643	.02070	.00105	.00247	.00093	.00393	.06090	.00832
28	Plastics & Synthetic Materials .....	.00514	.00429	.00028	.00126	.00270	.00220	.00866	.02605
29	Drugs, Cleaning & Toilet Preparations .....	.00015	.00008	.00005	.00014	.00012	.00557	.00014	.00272
30	Paints & Allied Products .....	.00101	.00015	.00486	.00108	.00470	.00115	.00010	.00775
31	Petroleum Refining & Related Industries .....	.00250	.00143	.00174	.00340	.00255	.00208	.00134	.00325
32	Rubber & Miscellaneous Plastics Products .....	.01822	.04025	.02231	.00663	.01310	.02671	.01353	.04311
33	Leather Tanning & Industrial Leather Products .....	.00002	.00003	.00003	.00004	.00007	.00023	.00003	.00231
34	Footwear & Other Leather Products		(*)			(*)	.00062	.00157	.00432
35	Glass & Glass Products .....	.02991	.00059	.00915	.00008	.00402	.00382	.01561	.00460
36	Stone & Clay Products .....	.00638	.00650	.00198	.00252	.00401	.00242	.00221	.00316
37	Primary Iron & Steel Manufacturing .....	.01692	.02717	.08627	.02204	.12569	.02754	.01094	.02818
38	Primary Nonferrous Metal Manufacturing .....	.04229	.11206	.01366	.04046	.02549	.03775	.03008	.03381
39	Metal Containers .....			.00001			.00265		
40	Heating, Plumbing & Structural Metal Products .....	.00060	.00015	.00058	.00038	.03857	.00025	.00007	.00058
41	Stampings, Screw Machine Products & Bolts .....	.02827	.01002	.03423	.01356	.00589	.01647	.00399	.01378
42	Other Fabricated Metal Products .....	.02207	.01169	.02824	.01465	.02529	.01982	.00655	.01619
43	Engines & Turbines .....			.00008	.00437	.00257	.02639	.00008	.00142
44	Farm Machinery & Equipment .....				.00054	.00002	.00522	.00019	.00092
45	Construction, Mining & Oil Field Machinery .....			.00002	.00088	.00064	.00164	.00012	.00004
46	Materials Handling Machinery & Equipment .....	.00195	.00113	.00041	.00091	.00052	.00019	.00020	.00061
47	Metalworking Machinery & Equipment .....	.00910	.00985	.01353	.02176	.00454	.01355	.00020	.00012
48	Special Industry Machinery & Equipment .....	.00441	.00538	.00008	.00043	.00041	.00115	.00040	.00225
49	General Industrial Machinery & Equipment .....	.00792	.01312	.00757	.00666	.03683	.00560	.00037	.00209
50	Machine Shop Products .....	.00009	.00183	.01039	.04071	.00492	.00006	.00065	.00003
51	Office, Computing & Accounting Machines .....	.00013		.00040	.00007	.00157	.00010		.00002
52	Service Industry Machines .....	.00112	.00560	.00517	.00028	.00205	.00893	.00233	.00025
53	Electric Industrial Equipment & Apparatus .....	.02474	.02615	.00128	.00205	.02535	.02197	.00540	.00537
54	Household Appliances .....	.00569	.01133	.00056	.00041	.00850	.00081	.00671	.00310
55	Electric Lighting & Wiring Equipment .....	.02122	.00987	.00449	.00067	.00251	.00703	.00664	.00253
56	Radio, Television & Communication Equipment .....	.05248	.02430	.00278	.04420	.00036	.05165	.00675	.00088
57	Electronic Components & Accessories .....	.04717	.01079	.00181	.00867	.00056	.01695	.00791	.00283
58	Miscellaneous Electrical Machinery, Equipment & Supplies .....	.00061	.04364	.01053	.00238	.00118	.00057	.00007	.00212
59	Motor Vehicles & Equipment .....	.00011	.03094	.32889	.00128	.01172	.00794	.00041	.00828
60	Aircraft & Parts .....	.00301	.00002	.00033	.15801	.00507	.01055	.00137	.00219
61	Other Transportation Equipment .....		.00022	.00020	.00053	.07899	.00315		.00280
62	Scientific & Controlling Instruments .....		.00486	.00617	.01592	.00071	.06910	.00774	.00125
63	Optical, Ophthalmic & Photographic Equipment .....		.00210	.00495	.00019	.00276	.00009	.00703	.04002
64	Miscellaneous Manufacturing .....		.00088	.00053	.00006	.00067	.00262	.00697	.00665
65	Transportation & Warehousing .....		.00807	.01129	.01592	.00717	.01599	.00693	.01066
66	Communications; Except Radio & TV Broadcasting .....		.00608	.00321	.00167	.00793	.00286	.00791	.00636
67	Radio & TV Broadcasting .....								.00517
68	Electric, Gas, Water & Sanitary Services .....		.00824	.00657	.00412	.00612	.00593	.00506	.00443
69	Wholesale & Retail Trade .....		.03895	.03895	.02304	.02015	.03141	.03529	.03372
70	Finance & Insurance .....			.00491	.00332	.00297	.00364	.00467	.00486
71	Real Estate & Rental .....		.01006	.00546	.00189	.00452	.00662	.01033	.01124
72	Hotels; Personal & Repair Services exc. Auto .....		.00097	.00062	.00037	.00281	.00057	.00103	.00107
73	Business Services .....		.02193	.01271	.01208	.02226	.01325	.04280	.03162
74	Automobile Repair & Services .....			.00122	.00083	.00969	.00148	.00080	.00112
75	Amusements .....								.00098
76	Medical, Educational Services & Nonprofit Organizations .....		.00108	.00051	.00019	.00127	.00041	.00094	.00066
77	Federal Government Enterprises .....		.00146	.00076	.00098	.00142	.00102	.00197	.00161
78	State & Local Government Enterprises .....		.00015	.00018	.00010	.00014	.00013	.00017	.00012
79	Gross Imports of Goods & Services .....		.01157	.01994	.00258	.00479	.01222	.00773	.03781
80	Business Travel, Entertainment & Gifts .....		.01434	.00899	.00280	.01112	.00841	.01518	.01050
81	Office Supplies .....		.00136	.00064	.00038	.00120	.00078	.00173	.00117
82	Scrap, Used & Secondhand Goods .....								.00183
83	Value Added .....								.00098
V.A.	Total				1.00000	1.00000	1.00000	1.00000	1.00000
T.									

Dollar of Gross Output, 1963—Continued

[Producers' prices]

[Producers' prices]

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

Industry No.										
	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	0.00291	0.00268	0.00239	0.00483	0.00253	0.00193
2 Other Agricultural Products.....	.43481	1.07832	.12999	.39019	.00381	.00314	.00285	.00639	.00286	.00222
3 Forestry & Fishery Products.....	.00141	.00073	1.02090	.00130	.00448	.00134	.00124	.00638	.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	.00663	.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	.00107	.00225	.00447	.00135	.00120	.00142	1.01508	.00900
10 Chemical & Fertilizer Mineral Mining.....	.00180	.00373	.00081	.00174	.00090	.00701	.00090	.00050	.00202	1.04780
11 New Construction.....										
12 Maintenance & Repair Construction.....	.02803	.02957	.00964	.01835	.01665	.01670	.01643	.05321	.01650	.01616
13 Ordnance & Accessories.....	.00008	.00007	.00009	.00015	.00012	.00016	.00023	.00011	.00026	.00018
14 Food & Kindred Products.....	.21689	.02195	.05810	.06081	.0406	.0560	.0466	.0484	.0550	.04442
15 Tobacco Manufactures.....	.00021	.00020	.00042	.00043	.0019	.00029	.00026	.00027	.00040	.00020
16 Broad & Narrow Fabrics, Yarn & Thread Mills.....	.00313	.00340	.01341	.00975	.00084	.00152	.00139	.0068	.00279	.00149
17 Miscellaneous Textile Goods & Floor Coverings.....	.00290	.00326	.04164	.02729	.00662	.00905	.01119	.0055	.00239	.00056
18 Apparel.....	.00064	.00047	.00091	.00099	.0035	.00048	.00047	.00384	.00064	.0039
19 Miscellaneous Fabricated Textile Products.....	.00228	.00227	.02611	.01935	.00119	.0026	.0028	.0015	.00056	.00021
20 Lumber & Wood Products, Except Containers.....	.00485	.00562	.00319	.01094	.00468	.01367	.01318	.0365	.00326	.00304
21 Wooden Containers.....	.00229	.00444	.01006	.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	.0466	.0571	.0540	.0384	.01086	.00812
25 Paperboard Containers & Boxes.....	.00776	.00459	.00615	.05617	.01119	.0181	.0183	.0097	.00280	.00152
26 Printing & Publishing.....	.01370	.01342	.00678	.01021	.00976	.00764	.00753	.00646	.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	.0263	.0428	.0494	.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	.0343	.04126	.00608
33 Leather Tanning & Industrial Leather Products.....	.00020	.00116	.00012	.00052	.00007	.00010	.00010	.00006	.00016	.00008
34 Footwear & Other Leather Products.....	.00064	.00020	.0026	.0193	.00009	.00012	.00010	.00010	.00017	.00009
35 Glass & Glass Products.....	.00328	.0078	.01915	.01335	.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	.00983	.00470	.01212	.01258
39 Metal Containers.....	.00620	.00228	.01458	.0271	.0057	.00097	.00065	.00058	.00087	.00076
40 Heating, Plumbing & Structural Metal Products.....	.00122	.00128	.00137	.0154	.00131	.00262	.00165	.0354	.00258	.00216
41 Stampings, Screw Machine Products & Bolts.....	.00299	.00134	.00231	.00294	.0143	.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	.00083	.00070	.00816	.01101	.01956	.00195	.02223	.00945
44 Farm Machinery & Equipment.....	.00433	.00978	.00139	.00373	.0075	.00095	.00139	.0027	.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	.00442	.00934	.00770
47 Metalworking Machinery & Equipment.....	.00068	.00078	.00104	.01817	.00260	.00394	.00559	.0076	.0364	.00252
48 Special Industry Machinery & Equipment.....	.00083	.00111	.00076	.0130	.00665	.00116	.00090	.0053	.01118	.00094
49 General Industrial Machinery & Equipment.....	.00118	.00180	.00173	.0186	.0286	.0462	.0627	.0322	.01734	.00680
50 Machine Shop Products.....	.00087	.00107	.00082	.00094	.00177	.02967	.00750	.0050	.00666	.00443
51 Office, Computing & Accounting Machines.....	.00058	.00067	.00034	.00062	.00558	.00050	.00057	.0044	.00061	.00046
52 Service Industry Machines.....	.00045	.00049	.00035	.00056	.0039	.00046	.00051	.0062	.00072	.00051
53 Electric Industrial Equipment & Apparatus.....	.00109	.0129	.00212	.00164	.00159	.00296	.00613	.00845	.00701	.01005
54 Household Appliances.....	.00041	.00043	.00058	.00071	.00335	.00048	.00062	.00069	.00072	.00056
55 Electric Lighting & Wiring Equipment.....	.00062	.00062	.0219	.00057	.00060	.00102	.00568	.00084	.00126	.00209
56 Radio, Television & Communication Equipment.....	.00052	.00052	.00061	.00070	.00666	.00099	.00106	.00102	.00125	.00084
57 Electronic Components & Accessories.....	.00042	.00041	.00072	.00053	.0048	.00079	.00076	.00193	.00089	.00080
58 Miscellaneous Electrical Machinery, Equipment & Supplies.....	.00137	.0168	.00249	.00111	.0097	.00115	.0160	.0053	.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	.00699	.00126	.00248	.00535	.00551	.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	.0208	.0112	.00209	.00124	.00104	.00167	.00102
65 Transportation & Warehousing.....	.05662	.03203	.05176	.04894	.1195	.04261	.03795	.03689	.04084	.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	.07896
69 Wholesale & Retail Trade.....	.08091	.05053	.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.....	.04320	.05064	.01877	.03180	.03737	.02606	.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	.0200	.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.....	.03454	.03137	.27063	.02899	.32309	.18303	.01286	.03939	.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

¹ Less than 0.000005.

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, \$15 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	.08580	.04265	.01866	.02087	.00862	.00968	.00565	.00667	.00893	2
.00742	.00498	.00079	.00609	.00049	.00082	.00102	.00854	.00131	.12549	.04878	.01848	.01097	.00988	.00443	.00239	.00310	3
.00104	.00063	.00027	.01524	.00878	.00742	.00427	.00314	.00393	.00737	.00304	.00187	.00101	.00102	.00057	.00055	.0073	4
.00506	.00258	.00350	.00132	.00046	.00114	.00103	.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	.00560	.01087	.00562	.00317	.00925	7
.01645	.02044	.00648	.01347	.00727	.01556	.01403	.00884	.01138	.01072	.00936	.00906	.00870	.01448	.01346	.00858	.05013	8
.01705	.01629	.00100	.00198	.00119	.00170	.00144	.00088	.0130	.00151	.00125	.00135	.00251	.00666	.00319	.00170	.00417	9
.00106	.00095	.00063	.00142	.00110	.00414	.00368	.00193	.00264	.00095	.00064	.00133	.00109	.00337	.00228	.00182	.03636	10
1.00000																	
.01160	1.00960	.00860	.01934	.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	13
.00882	.00992	.00794	1.28311	.00905	.01824	.02343	.01134	.01473	.01257	.01007	.01120	.00909	.02125	.01243	.01514	.03071	14
.00043	.00042	.00063	1.31395	.00083	.00033	.00038	.00042	.00030	.00044	.00046	.00041	.00033	.00032	.00073	.00042		15
.00464	.00219	.00327	.00422	.00125	1.52820	.31581	.52160	.70319	.00385	.00363	.00601	.01422	.01470	.00726	.00461	.00264	16
.00424	.00149	.00188	.00227	.00096	.06895	1.09195	.02929	.14969	.00895	.00289	.03736	.02506	.00572	.00280	.00345	.00107	17
.00165	.00153	.00193	.00164	.00028	.00606	.01296	1.21936	.02929	.00290	.00397	.00399	.00194	.00243	.00071	.00115	.0018	
.00081	.00038	.00034	.00281	.00058	.00831	.03268	.02395	1.10267	.00701	.00447	.00244	.00160	.00246	.00122	.00072	.00151	19
.08342	.05550	.00789	.00749	.00444	.00528	.00696	.00446	.01017	1.42930	.55485	.20882	.12357	.10995	.04843	.02516	.00945	20
.00058	.00039	.00124	.00269	.00185	.00092	.00054	.00042	.00057	.00367	1.03428	.00104	.00103	.00050	.00075	.00020	.00051	21
.00575	.00029	.00132	.00017	.00006	.00020	.00114	.00021	.00117	.00278	.00547	1.01889	.02195	.00030	.00024	.00015	.00010	22
.00813	.00033	.00144	.00008	.00006	.00005	.00006	.00005	.00013	.00013	.00011	.000621	1.02276	.00008	.00013	.00135	.00066	23
.01612	.01252	.01030	.03992	.02494	.02806	.04303	.02108	.03663	.01174	.01164	.02072	.02104	1.24011	.51828	.23665	.03047	24
.00488	.00387	.00492	.02541	.01926	.01387	.01730	.01583	.02061	.00519	.00919	.02016	.02421	.04136	1.05608	.01582	.01069	25
.01854	.01007	.01340	.02758	.02952	.01249	.01345	.01221	.01311	.00882	.01006	.01364	.01291	.02210	.02659	1.14903	.01419	26
.02278	.02736	.01817	.03247	.02633	.13208	.12058	.06201	.08459	.02802	.01743	.04153	.03108	.07372	.06008	.05367	1.24310	27
.00744	.00891	.00861	.00643	.01615	.14515	.20591	.07744	.10510	.00659	.00405	.03933	.02019	.02649	.02160	.01084	.02940	28
.00186	.00182	.00134	.00660	.00223	.00774	.00705	.00442	.00527	.00143	.00129	.00243	.00209	.00353	.00243	.00223	.01922	29
.00779	.04534	.00169	.00238	.00095	.00298	.00258	.00182	.00223	.00839	.00412	.02591	.02197	.00210	.00184	.00304	.00668	30
.03160	.04109	.01073	.02498	.01401	.02752	.02517	.01532	.01969	.01956	.01587	.01436	.02425	.02401	.01478	.09323	31	
.01539	.01280	.02539	.00985	.03037	.01151	.03243	.00975	.04773	.00546	.00481	.07310	.05809	.02024	.01339	.01136	.00674	32
.00024	.00016	.00024	.00020	.00010	.00030	.00042	.00384	.00074	.00041	.00067	.00165	.00176	.00044	.00030	.00022	.00045	33
.00024	.00021	.00026	.00030	.00015	.00020	.00038	.00141	.00205	.00037	.00108	.00041	.00033	.00025	.00023	.00030	.00017	34
.00380	.00641	.00258	.01500	.00309	.00597	.00209	.00247	.00388	.00270	.00142	.00890	.02453	.0100	.00237	.00084	.00188	35
.10439	.02713	.00412	.00267	.00133	.00240	.00374	.00155	.00272	.00988	.00491	.00450	.01362	.00783	.00408	.00249	.00544	36
.09410	.04725	.06616	.02287	.00621	.00876	.00883	.00662	.00919	.02224	.12060	.05817	.15212	.01232	.01390	.00703	.02813	37
.05693	.03153	.09180	.00603	.03430	.00621	.00685	.00533	.00734	.00967	.01095	.02980	.03742	.00937	.01320	.00595	.03064	38
.00143	.00369	.00073	.02888	.00255	.0267	.00276	.00155	.00194	.00284	.00147	.00289	.00243	.00106	.00201	.00871	.01373	39
.09825	.03088	.00335	.00107	.00053	.00110	.00101	.00074	.00102	.00202	.00157	.00282	.00706	.01113	.00105	.00066	.00149	40
.00755	.00446	.01696	.00566	.00076	.00109	.00146	.00119	.00174	.00408	.00469	.00690	.01826	.00166	.00489	.00111	.00183	41
.02856	.02097	.01949	.00877	.01029	.04483	.04489	.00452	.00553	.02842	.02060	.07923	.05624	.02119	.01478	.00737	.01096	42
.00227	.00128	.00260	.00074	.00501	.00707	.00661	.00046	.00557	.00681	.00702	.00074	.00994	.00883	.00666	.00502	.0134	43
.00081	.00053	.00056	.00237	.00215	.00178	.00190	.00090	.00077	.00101	.00064	.00056	.00106	.00192	.00031	.00028	.00042	44
.00621	.00522	.00149	.00053	.00031	.00074	.00064	.00043	.00057	.00058	.00079	.00084	.00112	.00068	.00049	.00223	.00223	45
.00516	.00578	.00096	.00041	.00021	.00071	.00058	.00054	.00065	.00087	.00109	.00078	.00075	.00097	.00070	.00048	.00124	46
.00367	.00216	.01681	.00085	.00047	.00100	.00089	.00063	.00086	.00122	.00176	.00228	.00362	.00109	.00095	.00071	.00196	47
.00151	.00108	.00140	.00145	.00056	.01117	.00704	.00468	.00606	.00534	.00723	.00258	.00204	.00450	.00414	.00391	.01215	48
.00788	.00521	.00974	.00126	.00071	.00180	.00159	.00113	.00179	.00191	.00336	.00216	.00459	.00388	.00223	.00171	.00408	49
.00244	.00144	.02136	.00084	.00036	.00062	.00055	.00042	.00057	.00079	.00156	.00127	.00402	.00064	.00062	.00049	.00131	50
.00111	.00067	.00116	.00081	.00064	.00057	.00057	.00083	.00055	.00055	.00079	.00084	.00057	.00058	.00073	.00075	51	
.00909	.00741	.0291	.00048	.00037	.00038	.00039	.00032	.00039	.00050	.00051	.00069	.00459	.00043	.00039	.00043	.00051	52
.01158	.00705	.01140	.00131	.00080	.00154	.00149	.00116	.00147	.00148	.00210	.00226	.00406	.00147	.00128	.00119	.00450	53
.00468	.00638	.00261	.00044	.00030	.00043	.00048	.00043	.00049	.00050	.00055	.00101	.00129	.00048	.00044	.00055	.00059	54
.01895	.01041	.01059	.00064	.00026	.00051	.00081	.00061	.00057	.00313	.00158	.00115	.00654	.00074	.00055	.00054	.00079	55
.00283	.00222	.07090	.00061	.00037	.00056	.00070	.00059	.00081	.00066	.00075	.00116	.00347	.00068	.00063	.00089	.00079	56
.01668	.00214	.03478	.00														

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	.00611	.01445	.01491	.00528	.01009	.00352	.01283	.00399	.00474	.00236
3 Forestry & Fishery Products	.00177	.00151	.00136	.00056	.00125	.00052	.00220	.00356	.00101	.00062
4 Agricultural, Forestry & Fishery Services	.00052	.00104	.00111	.00039	.00066	.00032	.00081	.00045	.00036	.00024
5 Iron & Ferroalloy Ores Mining	.00320	.00202	.00395	.00091	.00178	.00057	.00081	.00110	.00368	.00398
6 Nonferrous Metal Ores Mining	.00400	.00180	.00403	.00103	.00198	.00063	.00085	.00168	.00157	.00570
7 Coal Mining	.00922	.00330	.00470	.00258	.00483	.00443	.00254	.00451	.01487	.03143
8 Crude Petroleum & Natural Gas	.03117	.01423	.03866	.50743	.01339	.00779	.00668	.01179	.01723	.01279
9 Stone and Clay Mining and Quarrying	.00222	.00215	.00430	.00560	.00293	.00065	.00085	.01712	.09622	.00492
10 Chemical & Fertilizer Mineral Mining	.01388	.00501	.00905	.00148	.00460	.00231	.00137	.00277	.00440	.00172
11 New Construction										
12 Maintenance & Repair Construction	.01708	.01370	.01658	.05089	.01296	.00801	.00933	.01486	.01743	.01949
13 Ordnance & Accessories	.00009	.00017	.00013	.00010	.00026	.00005	.00012	.00012	.00013	.00044
14 Food & Kindred Products	.02045	.06147	.07024	.00755	.01170	.01281	.01003	.00759	.00800	.00520
15 Tobacco Manufactures	.00041	.00068	.00078	.00028	.00045	.00021	.00038	.00037	.00041	.00027
16 Broad & Narrow Fabrics, Yarn & Thread Mills	.00321	.00386	.00255	.00094	.04586	.00129	.07299	.00363	.00725	.00159
17 Miscellaneous Textile Goods & Floor Coverings	.00170	.00252	.00105	.00056	.04797	.00096	.04417	.00205	.00404	.00775
18 Apparel	.00133	.00131	.00134	.00061	.00411	.00035	.01377	.00235	.00203	.00174
19 Miscellaneous Fabricated Textile Products	.00080	.00068	.00070	.00022	.00264	.00024	.01205	.00058	.00303	.00030
20 Lumber & Wood Products, Except Containers	.00971	.00917	.00573	.00494	.01019	.00392	.02248	.03884	.00998	.00592
21 Wooden Containers	.00057	.00062	.00075	.00012	.00067	.00065	.00115	.00452	.00039	.00030
22 Household Furniture	.00009	.00024	.00009	.00006	.00055	.00006	.00029	.00554	.00017	.00012
23 Other Furniture & Fixtures	.00005	.00011	.00006	.00005	.00008	.00003	.00013	.00008	.00006	.00007
24 Paper & Allied Products, Except Containers	.06104	.04317	.02473	.01409	.03544	.00873	.02712	.03373	.03143	.00682
25 Paperboard Containers & Boxes	.01362	.03311	.01543	.00502	.02370	.00668	.02929	.05403	.00811	.00284
26 Printing & Publishing	.01538	.04892	.01975	.01268	.01404	.00853	.01461	.01235	.01193	.00973
27 Chemicals & Selected Chemical Products	.47229	.15892	.30623	.04743	.15358	.06269	.04182	.07178	.04206	.03474
28 Plastics & Synthetic Materials	1.03253	.01665	.10444	.00287	.21072	.00543	.03836	.00932	.01554	.00305
29 Drugs, Cleaning & Toilet Preparations	.01160	1.06460	.01546	.00487	.00466	.05462	.01381	.00221	.00454	.00123
30 Paints & Allied Products	.00680	.00402	1.00500	.00410	.00360	.00093	.00150	.00358	.00174	.00162
31 Petroleum Refining & Related Industries	.05870	.02614	.07737	1.09527	.02331	.01323	.01127	.01559	.02804	.01956
32 Rubber & Miscellaneous Plastics Products	.02204	.04055	.01058	.03633	1.05713	.01457	.10731	.02805	.01996	.00503
33 Leather Tanning & Industrial Leather Products	.00034	.00026	.00028	.00020	.00122	1.24145	.22701	.00026	.00063	.00045
34 Footwear & Other Leather Products	.00018	.00033	.00027	.00011	.00166	.00310	1.03155	.00019	.00020	.00016
35 Glass & Glass Products	.00123	.02183	.0189	.00774	.00366	.00145	.00174	1.06988	.00097	.00059
36 Stone & Clay Products	.00321	.00558	.00801	.00740	.01102	.00263	.00264	.03481	1.13368	.00531
37 Primary Iron & Steel Manufacturing	.01471	.02357	.04681	.01257	.01913	.00466	.01159	.01294	.02747	1.29070
38 Primary Nonferrous Metal Manufacturing	.01394	.01029	.02737	.00904	.01317	.00307	.00753	.01488	.01229	.05295
39 Metal Containers	.00830	.02485	.06629	.00775	.00306	.00217	.00138	.00166	.00107	.00080
40 Heating, Plumbing & Structural Metal Products	.00102	.00101	.00120	.00286	.00109	.00046	.00068	.00483	.00324	.00193
41 Stampings, Screw Machine Products & Bolts	.00127	.00616	.00294	.00109	.00825	.00090	.00224	.00202	.00210	.01023
42 Other Fabricated Metal Products	.00630	.01457	.00617	.00383	.01147	.00375	.01399	.00508	.01657	.02694
43 Engines & Turbines	.00086	.00103	.00087	.00140	.00069	.00034	.00044	.00091	.00330	.00213
44 Farm Machinery & Equipment	.00031	.00073	.00046	.00029	.00039	.00016	.00037	.00026	.00053	.00213
45 Construction, Mining & Oil Field Machinery	.00120	.00073	.00106	.00177	.00081	.00040	.00040	.00113	.00924	.00403
46 Materials Handling Machinery & Equipment	.00062	.00048	.00065	.00070	.00069	.00041	.00052	.00075	.00287	.00119
47 Metalworking Machinery & Equipment	.00102	.00125	.00138	.00075	.00189	.00037	.00081	.00199	.00497	.00707
48 Special Industry Machinery & Equipment	.00492	.00216	.00337	.00082	.00390	.00080	.00155	.00128	.00109	.00344
49 General Industrial Machinery & Equipment	.00217	.00151	.00202	.00227	.00168	.00080	.00097	.00148	.00484	.00948
50 Machine Shop Products	.00073	.00085	.00111	.00058	.00160	.00027	.00051	.00067	.00151	.01148
51 Office, Computing & Accounting Machines	.00071	.00199	.00078	.00064	.00072	.00038	.00064	.00055	.00065	.00065
52 Service Industry Machines	.00042	.00088	.00054	.00064	.00049	.00036	.00042	.00046	.00116	.00148
53 Electric Industrial Equipment & Apparatus	.00226	.00236	.00232	.00485	.00237	.00070	.00128	.00525	.00378	.01000
54 Household Appliances	.00049	.00063	.00061	.00061	.00130	.00023	.00053	.00059	.00069	.00112
55 Electric Lighting & Wiring Equipment	.00055	.00094	.00060	.00083	.00057	.00029	.00050	.00065	.00242	.00120
56 Radio, Television & Communication Equipment	.00063	.00141	.00082	.00080	.00218	.00080	.00118	.00110	.00091	.00105
57 Electronic Components & Accessories	.00053	.00104	.00074	.00121	.00106	.00034	.00071	.00079	.00076	.00096
58 Miscellaneous Electrical Machinery, Equipment & Supplies	.00055	.00069	.00070	.00063	.00055	.00030	.00044	.00053	.00102	.00127
59 Motor Vehicles & Equipment	.00176	.00214	.00227	.00206	.00239	.00091	.00155	.00182	.00536	.00942
60 Aircraft & Parts	.00076	.00109	.00111	.00083	.00504	.00044	.0108	.00082	.00118	.00133
61 Other Transportation Equipment	.00064	.00065	.00068	.00077	.00062	.00032	.00051	.00061	.00100	.00115
62 Scientific & Controlling Instruments	.00074	.00846	.00082	.00084	.00177	.00092	.00477	.00121	.00099	.00222
63 Optical, Ophthalmic & Photographic Equipment	.00088	.00201	.00105	.00067	.00164	.00056	.00437	.00090	.00079	.00065
64 Miscellaneous Manufacturing	.00242	.00623	.00292	.00168	.00101	.00139	.02513	.00408	.00503	.00323
65 Transportation & Warehousing	.05760	.05065	.06659	.07914	.04924	.03166	.03684	.04901	.08984	.08653
66 Communications; Except Radio & TV Broadcasting	.01023	.01431	.01252	.00636	.00941	.00598	.01007	.00826	.01046	.00995
67 Radio & TV Broadcasting	.00341	.01125	.00376	.00285	.00308	.00183	.00306	.00260	.00259	.00212
68 Electric, Gas, Water & Sanitary Services	.04605	.02638	.03438	.04071	.03354	.02230	.01985	.06477	.06071	.05320
69 Wholesale & Retail Trade	.06050	.06577	.08517	.04405	.06187	.05714	.06704	.05869	.05047	.05665
70 Finance & Insurance	.01825	.01951	.02140	.02850	.01624	.01439	.01794	.01766	.02130	.02210
71 Real Estate & Rental	.03047	.03707	.03750	.12942	.02681	.02406	.02732	.02444	.02649	.02361
72 Hotels; Personal & Repair Services exc. Auto	.00372	.00919	.00865	.00261	.00433	.00172	.00322	.00336	.00313	.00250
73 Business Services	.05481	.18065	.06027	.04560	.04945	.02931	.04918	.04173	.04159	.03408
74 Automobile Repair & Services	.00362	.00429	.00462	.00502	.00346	.00228	.00319	.00358	.00713	.00397
75 Amusements	.00182	.00511	.00232	.00163	.00171	.00099	.00165	.00144	.00147	.00117
76 Medical, Educational Services & Nonprofit Organizations	.00150	.00104	.00206	.00128	.00154	.00096	.00152	.00125	.00162	.00131
77 Federal Government Enterprises ¹	.00501	.00866	.00610	.00460	.00473	.00345	.00715	.00498	.00474	.00424
78 State & Local Government Enterprises	.00861	.00578	.00733	.00894	.00657	.00474	.00436	.01055	.01217	.01016
79 Gross Imports of Goods & Services	.04306	.03095	.03797	.00507	.06811	.07772	.03960	.04039	.03836	.07241
80 Business Travel, Entertainment & Gifts	.01454	.02384	.02759	.00917	.01586	.00718	.01349	.01276	.01400	.00942
81 Office Supplies	.00193	.00264	.00277	.00180	.00215	.00149	.00286	.00215	.00213	.00192

Dollar of Delivery to Final Demand, 1963—Continued

[Producers' prices]

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	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	.00101	.00072	.00056	.00047	.00110	.00070	.00111	.00070	3
.00028	.00033	.00033	.00032	.00037	.00028	.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	.00886	.00886	.00800	.00694	.00792	.00821	.00656	.00534	.00553	.00631	.00504	.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	.00203	.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	.00045	.00048	.00049	.00048	.00047	.00054	.00062	.00048	.00055	.00054	.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
.00088	.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	.00288	.00100	.00019	.00205	.00016	.00016	.00017	.00012	.00246	.00026	.00015	.00024	23
.00975	.02516	.01299	.01771	.02217	.01037	.01419	.00938	.01060	.00961	.00948	.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	.0042	.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	.02146	.01304	.01013	.02098	.03732	.02298	.06521	32
.00032	.00031	.00034	.00037	.00059	.00038	.00064	.00051	.00038	.00035	.00160	.00093	.00030	.00017	.00034	.00027	.00057	33
.00013	.00017	.00027	.00024	.00142	.00020	.00028	.00024	.00027	.00034	.00029	.00026	.00023	.00022	.00039	.00026	.00114	34
.00086	.00065	.00987	.00149	.00219	.00126	.00133	.00127	.00162	.00109	.00136	.00119	.00141	.000414	.00378	.00347	.00517	35
.00663	.00565	.00704	.00777	.01299	.01418	.00901	.00911	.00684	.02465	.00779	.01455	.01885	.00799	.01457	.01497	.01903	36
.03726	.53772	.35032	.30520	.25527	.19074	.24653	.26954	.21050	.16067	.17473	.19841	.15387	.04423	.16181	.11776	.15410	37
1.55275	.04955	.14896	.11403	.15414	.10085	.05036	.05306	.06369	.06886	.07257	.08914	.09204	.04243	.12247	.13221	.10903	38
1.00697	.00277	.00508	.00160	.00082	.00122	.00097	.00106	.00099	.00089	.00088	.00076	.00070	.00177	.00116	.00200	.00116	39
.00173	.00271	.1.02674	.00790	.00543	.00589	.01418	.01487	.00747	.02730	.02053	.00600	.00164	.03723	.00496	.01073	.01073	40
.00714	.02527	.02594	1.03641	.02209	.03491	.03917	.02212	.02465	.03405	.01670	.01494	.01460	.02270	.04676	.02235	.05288	41
.01210	.01566	.05310	.02672	.05319	.02619	.03295	.03954	.04491	.04059	.03022	.04209	.03050	.02181	.06798	.03268	.05617	42
.00307	.00132	.00403	.00519	.02026	.01984	.05461	.03795	.02034	.00232	.01054	.01385	.00139	.01020	.00407	.01536	.00333	43
.00041	.00112	.00135	.00523	.00143	.01301	.01553	.02527	.00626	.00397	.00515	.00254	.00076	.00082	.0168	.00181	.00814	44
.00321	.00200	.00654	.00174	.00464	.01317	.01066	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	.01875	.04432	.03015	.05302	.01184	.01900	.01818	.01818	47
.00178	.00201	.00345	.00313	.00454	.00614	.00459	.04855	.01546	.00906	.01706	.01531	.03231	.0117	.00184	.00264	.00264	48
.00715	.00483	.01665	.01161	.01183	.05468	.10575	.08550	.08282	.04752	.06588	1.0498	.01455	.01349	.03049	.01544	.01544	49
.01700	.00550	.00449	.00471	.04831	.03806	.01164	.02868	.00632	.01115	.00960	.1.12377	.01156	.00492	.00671	.00576	50	
.00063	.00068	.00110	.00092	.00287	.00154	.00178	.00396	.00413	.01258	.00969	.00760	.00147	1.020393	.00609	.00134	.01182	51
.00091	.00088	.00178	.00135	.00353	.00188	.00251	.00256	.00863	.00247	.01026	.00118	.00361	1.06655	.00811	.02596	.05292	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	.02821	.02205	.01310	54
.00425	.00081	.00150	.00151	.00194	.00201	.00534	.00139	.00153	.00416	.00214	.01228	.00128	.00832	.01311	.01310	.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	.00379	.00447	.00289	.01167	.0030								

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.	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	0.00318	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.....	.00881	.00880	.00777	.00663	.00688	.00448	.00488	.00083	.00079	.00445
4	Agricultural, Forestry & Fishery Services.....	.00335	.00332	.00335	.00332	.00336	.00227	.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	Ordnance & Accessories.....	.00556	.01036	.00118	.00733	.01223	.01868	.00087	.00356	.00398	.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	.00071	.00048	.00030
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	.0162	.01142	.00416	.01156	.01325
18	Apparel.....	.00236	.00212	.00274	.00215	.00235	.00209	.00291	.00324	.00160	.00418
19	Miscellaneous Fabricated Textile Products.....	.00663	.00363	.00044	.00988	.01696	.00336	.00521	.00688	.00441	.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.....	.00669	.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	.04946	.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	.00702
37	Primary Iron & Steel Manufacturing.....	.12107	.04011	.05652	.07255	.21208	.06801	.23114	.07161	.02818	.05911
38	Primary Nonferrous Metal Manufacturing.....	.15345	.06168	.09324	.20429	.06478	.0819	.07868	.08743	.06011	.06942
39	Metal Containers.....	.00155	.00083	.03121	.00116	.00145	.00083	.00127	.00414	.00150	.00201
40	Heating, Plumbing & Structural Metal Products.....	.00940	.00178	.00262	.00227	.00342	.00218	.04579	.005070	.00110	.02000
41	Stamping, Screw Machine Products & Bolts.....	.03410	.02973	.03654	.01879	.05928	.02298	.01503	.02538	.00714	.01834
42	Other Fabricated Metal Products.....	.03034	.02716	.03267	.02353	.05502	.02730	.04379	.03181	.01214	.02482
43	Engines & Turbines.....	.00165	.00119	.00141	.00196	.00865	.00442	.03935	.00168	.00074	.00107
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	.02235
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	.00327	.00213	.00186
51	Office, Computing & Accounting Machines.....	.00117	.00491	.00134	.00116	.00185	.00141	.00324	.00079	.00059	.00090
52	Service Industry Machines.....	.00245	.00287	.00246	.00795	.00940	.00143	.00478	.00914	.00333	.00102
53	Electric Industrial Equipment & Apparatus.....	.04017	.03081	.03418	.03652	.00870	.00916	.03747	.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	.01322	.00828	.00313	.00443	.01046	.00828	.00375
56	Radio, Television & Communication Equipment.....	.00656	1.08689	.06226	.03092	.00734	.06157	.00365	.06420	.00990	.00253
57	Electronic Components & Accessories.....	.01551	.18301	1.06437	.01900	.00553	.02318	.00331	.03174	.01132	.00441
58	Miscellaneous Electrical Machinery, Equipment & Supplies.....	.03459	.03114	.02626	1.04911	.01841	.00456	.03747	.00233	.00104	.00100
59	Motor Vehicles & Equipment.....	.01647	.00468	.00537	.05438	1.50871	.0753	.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	.00257	.00290	.00244	.00444	.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
74	Automobile Repair & Services.....	.03832	.03880	.00383	.00390	.01743	.00406	.00413	.00410	.00314	.00392
75	Amusements.....	.00172	.00181	.00181	.00143	.00142	.00175	.00152	.00250	.00178	.00203
76	Medical, Educational Services & Nonprofit Organizations.....	.00162	.00228	.00218	.00152	.00128	.00250	.00156	.00220	.00166	.00173
77	Federal Government Enterprises ¹.....	.00463	.00524	.00506	.00417	.00494	.00487	.00471	.00624	.00481	.00652
78	State & Local Government Enterprises.....	.00614	.00409	.00556	.00574	.00618	.00463	.00620	.00501	.00440	.00538
79	Gross Imports of Goods & Services.....	.04024	.04018	.03832	.05609	.03368	.02810	.04869	.03525	.06009	.05956
80	Business Travel, Entertainment & Gifts.....	.01900	.01966	.02282	.01712	.01215	.02077	.01755	.02523	.01697	.01760
81	Office Supplies.....	.00207	.00284	.00272	.00194	.00193	.00266	.00231	.00332	.00218	.00288

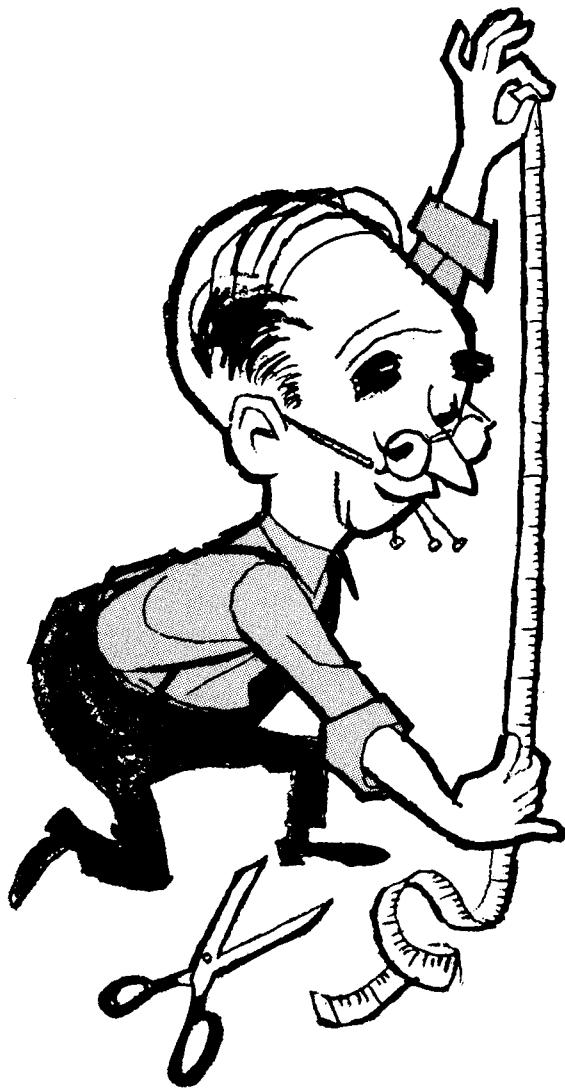
Dollar of Delivery to Final Demand, 1963—Continued

[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		
.00580	.00170	.00543	.00230	.00538	.00428	.02776	.00578	.00574	.00312	.00823	.00819	.00276	.00238	.05888	.00761		
.00041	.00025	.00027	.00052	.00045	.00040	.00062	.00050	.00077	.00032	.00441	.00043	.00021	.00112	.00303	.00406		
.00038	.00013	.00038	.00020	.00178	.00031	.00168	.00040	.00043	.00038	.00059	.00054	.00019	.00030	.00542	.00067		
.00088	.00018	.00017	.00063	.00031	.00019	.00050	.00058	.00047	.00153	.00033	.00029	.00023	.00086	.0095	.00140		
.00058	.00027	.00021	.00053	.00034	.00021	.00050	.00082	.00057	.00123	.00042	.00032	.00019	.00078	.00075	.00196		
.00187	.00073	.00092	.03483	.00140	.00172	.00085	.0157	.00191	.00198	.00117	.00203	.01435	.01762	.02094	.00490		
.02605	.00574	.00481	.09432	.00981	.00619	.00804	.00975	.00711	.01045	.00624	.00782	.00647	.02396	.01720	.01004		
.00118	.00065	.00037	.00150	.00067	.00052	.00196	.00124	.00077	.00179	.00071	.00079	.00044	.00358	.00143	.00271		
.00032	.00011	.00024	.00040	.00027	.00023	.00041	.00056	.00067	.00048	.00059	.00034	.00016	.00097	.00078	.00234		
.04547	.03334	.01384	.07621	.01413	.01651	.09453	.02127	.01316	.01368	.02893	.03381	.01670	.19340	.02931	.01413		
.00019	.00017	.00013	.00006	.00025	.00008	.00008	.00021	.00023	.00026	.00016	.00010	.00006	.00008	.00129	.00058		
.00899	.00382	.01404	.00440	.01391	.00910	.00726	.00957	.01484	.00586	.01510	.02118	.00563	.00434	.34914	.01559		
.00026	.00027	.00107	.00028	.00045	.00064	.00025	.00057	.00102	.00030	.00106	.00060	.00037	.00222	.02839	.00060		
.00126	.00058	.00060	.00085	.00183	.00089	.00121	.01336	.00207	.00368	.00097	.00138	.00216	.00107	.00480	.01063		
.00122	.00026	.00030	.00039	.00081	.00046	.00049	.00297	.00118	.00234	.00047	.00056	.00126	.00059	.00205	.00535		
.00083	.00057	.00028	.00061	.00136	.00027	.00080	.00601	.00505	.00133	.00339	.00046	.00026	.00056	.00301	.01513		
.00029	.00010	.00015	.00019	.00063	.00020	.00023	.00691	.00038	.00225	.00022	.00077	.00135	.00046	.01916	.00125		
.00392	.00247	.00178	.00537	.00409	.0371	.06638	.00409	.00718	.00293	.00312	.00338	.00191	.01187	.00590	.04295		
.00010	.00005	.00008	.00007	.00055	.00007	.00021	.00017	.00014	.00024	.00011	.00012	.00005	.00011	.00097	.00037		
.00011	.00025	.00010	.00005	.00026	.00006	.00011	.00019	.00013	.00016	.00007	.00007	.00003	.00008	.00029	.00068		
.00007	.00003	.00004	.00005	.00022	.00008	.00009	.00005	.00032	.00008	.00006	.00006	.00003	.00009	.00008	.00083		
.00620	.00501	.00702	.00642	.01724	.02632	.00537	.01372	.05604	.00743	.00968	.01148	.00678	.01090	.01895	.39390		
.00172	.00072	.00115	.00105	.00675	.00187	.00122	.00514	.00510	.00332	.00170	.00218	.00097	.00162	.00986	.02197		
.01144	.00899	.02036	.01063	.01865	.05103	.01054	.01410	.24050	.00001	.02744	.02766	.01071	.01461	.01883	.66819		
.00884	.03115	.00731	.01127	.00760	.00641	.01040	.01719	.01994	.01356	.01902	.01008	.00455	.02251	.01976	.06584		
.00269	.00109	.00113	.00169	.00249	.0163	.00212	.00589	.00400	.00802	.00202	.00199	.00180	.0295	.00525	.02061		
.00093	.00442	.00101	.00075	.00276	.00125	.00142	.01913	.00500	.00111	.00138	.02030	.00138	.00140	.01230	.00303		
.00264	.00166	.00083	.00365	.00126	.00104	.00452	.00223	.00176	.00864	.00165	.00184	.00097	.00893	.00238	.00381		
.05191	.00988	.00582	.01903	.01677	.06809	.01362	.01686	.01103	.01915	.00957	.01049	.01101	.02077	.03310	.01718		
.00834	.00256	.00193	.00298	.00496	.00248	.00303	.01064	.00544	.02933	.00279	.00426	.00365	.04476	.01009	.02536		
.00007	.00004	.00014	.00005	.00014	.00008	.00011	.00343	.00020	.00012	.00031	.00009	.00007	.00007	.00146	.00088		
.00010	.00008	.00048	.00009	.00035	.00199	.00020	.01062	.00040	.00018	.00114	.00023	.00018	.00009	.00556	.00108		
.00092	.00052	.00054	.00072	.00094	.00044	.00097	.00225	.00085	.00900	.00092	.00124	.00043	.00153	.00554	.03036		
.00263	.00126	.00079	.00337	.00256	.00101	.00337	.00670	.00191	.01397	.00142	.00163	.00106	.00874	.00351	.00451		
.01640	.00300	.00247	.00871	.00504	.0283	.00686	.00924	.00701	.02847	.00413	.00436	.00401	.01411	.01674	.02051		
.00663	.00321	.00204	.00507	.00343	.00205	.00441	.00918	.00552	.01456	.00370	.00312	.00192	.00804	.00790	.02004		
.00082	.00030	.00051	.00058	.00073	.00044	.00076	.00107	.00088	.00105	.00074	.00120	.00034	.00105	.00855	.00170		
.00196	.00110	.00056	.00263	.00168	.00666	.00363	.01111	.00882	.00122	.00110	.00121	.00066	.00610	.00150	.00118		
.00168	.00081	.00055	.00078	.00131	.00055	.00093	.00279	.00155	.01763	.00077	.00096	.00084	.00132	.00341	.00432		
.00580	.00149	.00120	.00273	.00287	.00162	.00296	.00766	.00390	.01486	.00191	.00216	.00154	.00520	.00782	.01633		
.00238	.00021	.00034	.00114	.00058	.00049	.00037	.00049	.00369	.00440	.00041	.00031	.00065	.00084	.00136	.00069		
.00029	.00011	.00026	.00028	.00043	.00035	.00049	.00035	.00287	.00042	.00032	.00022	.00015	.00028	.00109	.00050		
.00054	.00025	.00020	.00185	.00069	.00027	.00080	.00040	.00078	.00068	.00033	.00035	.00065	.00174	.00062	.00070		
.00040	.00022	.00012	.00056	.00033	.00016	.00066	.00084	.00025	.00034	.00024	.00025	.00015	.00117	.00040	.00069		
.00155	.00038	.00029	.00058	.00079	.00031	.00064	.00108	.00142	.00387	.00037	.00044	.00040	.00083	.00135	.00129		
.00037	.00016	.00026	.00030	.00083	.00039	.00131	.00059	.00111	.00075	.00050	.00039	.00020	.00050	.00079	.00365		
.00167	.00041	.00034	.00103	.00109	.00044	.00101	.00115	.00144	.0269	.00052	.00053	.00046	.00142	.00151	.00280		
.00139	.00036	.00021	.00056	.00057	.00024	.00039	.00064	.00069	.01354	.00032	.00032	.00039	.00073	.00107	.00087		
.00048	.00037	.00079	.00047	.00121	.00127	.00073	.00103	.00060	.00088	.00050	.00035	.00063	.00075	.00569			
.00062	.00038	.00038	.00073	.00072	.00050	.00089	.00075	.00351	.00120	.00054	.00048	.00034	.00073	.00073	.00074		
.00235	.00088	.00079	.00136	.00134	.00088	.00147	.00534	.00510	.0394	.00105	.00097	.00067	.00243	.00303	.00307		
.00063	.00037	.00048	.00084	.00081	.00069	.00039	.01077	.00098	.00091	.00071	.00058	.00042	.00136	.00677	.01633		
.00122	.00068	.00039	.00256	.00093	.00113	.00194	.00067	.00255	.00064	.00065	.00050	.00524	.00129	.0160			
.00110	.01417	.00449	.00057	.00104	.00064	.00247	.00180	.00178	.00087	.00109	.00037	.00073	.00840	.00179			
.00160	.00254	.00113	.00049	.00087	.00049	.00062	.02943	.00172	.01310	.00073	.00084	.00040	.00052	.00607	.02228		
.00320	.00059	.00032	.00061	.00126	.00044	.00047	.00092	.00148	.02066	.00046	.00051	.00065	.00098	.00191	.00077		
.00785	.00181	.00084	.00195	.00306	.00124	.00175	.00284	.00233	.12042	.00137	.00167	.00370	.00300	.00493	.00255		
.00726	.00044	.00039	.00048	.00149	.00032	.00051	.00079	.00081	.00106	.00045	.00047	.00095	.00048	.00408	.00168		
.00802	.00014	.00027	.00070	.00045	.00029	.00047	.00106	.00096	.00050	.00035	.00030	.00105	.00128	.00377	.00108		
.00078	.00038	.00036	.00059	.00100	.00043	.00087	.00140	.00095	.00176	.00060	.00082	.00031	.00119	.00255	.00196		
.00067	.00071	.00670	.00056	.00142	.00286	.00070	.00099	.00835	.00072	.01980	.00304	.00053	.00081	.00495	.07722		
.00152	.00140	.00344	.00145	.00344	.00515	.00159	.02533	.01415	.0169	.00811	.00353	.00109	.00251	.01268	.15501		
1.10440	1.0125	.04457	.02263	.02131	.01482	.02689	.03324	.02812	.02752	.02183	.13067	.03182	.45005	.05094			
.01400	1.00945	.05119	.00744	.01456	.03603	.00590	.01315	.03415	.01147	.01359	.01581	.00465	.00933	.01218	.01497		
.00207	.00152	1.00990	.00236	.00376	.00660	.00221	.00291	.06227	.00192	.00447	.00275	.00170	.00320	.00299	.00322		
.01936	.01678	.02247	1.25649	.02799	.03425	.00694	.02712	.02728	.02127	.02400	.04182	.01869	.12987	.02241	.07833		
.04496	.01818	.02912	.02436	1.03016	.02747	.03205	.04786	.04310	.13694	.03767	.03263	.01777	.03362	.11160	.05660		
.02899	.01360	.02431	.02054	.02576	1.22694	.04402	.02604	.019									

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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		
				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	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	18.7	17.0	17.3	17.5	17.9	18.1	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	28.8	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	29.7	29.4	31.4	32.8	32.2	+ 30.9	
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
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	51.1	+ 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	156.8	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	+ 922.0
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	235.2	234.2	230.7	235.6	239.5	246.5	250.4	256.1	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	168.6	170.3	171.8	173.7	176.5	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	-2.2	-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	76.3	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

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

NATIONAL INCOME AND PRODUCT—Con.

Quarterly Data Seasonally Adjusted at Annual Rates

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	p 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	p 571.9
Wages and salaries, total	do	394.5	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	p 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	p 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	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	p 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	p 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	p 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	
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	
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	
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	
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	
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	p 92.4
Corporate profits tax liability	do	34.3	33.0	41.3	33.9	32.3	32.6	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	p 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	24.9
Undistributed profits	do	29.1	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	p 25.1
Inventory valuation adjustment	do	-1.8	-1.1	-3.2	-5.5	-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†

Quarterly Data Seasonally Adjusted at Annual Rates

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	p 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	p 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	p 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	p 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	p 43.1

NEW PLANT AND EQUIPMENT EXPENDITURES

Unadjusted quarterly or annual totals:

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	p 18.16
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	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	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	3.57	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	.86	.70	1.12	.98	1.07	.98	1.04	1.12	1.18	1.06	1.14	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		
Commercial and other	do	12.74	12.34	12.67	3.52	2.87	2.99	3.09	3.39	2.93	3.11	3.18	3.46	2.91	3.23	p 3.51	p 3.58

Seas. adj. qtly. totals at annual rates:

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	p 72.25
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
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	15.50
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

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	4.00	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</

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 (-).....	—4,311	—5,654	—5,158	—1,192	—1,068	—1,014	—1,775	—1,797	—806	—1,537	—1,868	—947	—1,345	—1,971	—	—
Transactions in U.S. Govt. assets, excl. official reserve assets; increase (-).....	—1,535	—2,419	—2,250	—379	—654	—542	—546	—677	—738	—639	—527	—346	—463	—624	—	—
Transactions in U.S. official reserve assets, net; increase (-).....	568	52	—880	—6	1,027	—419	—375	—181	904	—137	—571	—1,076	—48	—299	—	—
Transactions in foreign assets in the U.S., net (U.S. liabilities); increase (+).....	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	4,213	—	—
Liquid assets.....	789	3,492	712	313	—532	749	1,406	1,869	—340	128	710	214	1,701	4,010	—	—
Other assets.....	2,534	3,361	8,565	791	867	1,221	792	481	1,555	2,517	1,805	2,688	1,633	203	—	—
Errors and omissions, net.....	—490	—1,007	—641	—110	—308	—624	—69	—6	—410	—480	309	—60	—1,239	—838	—	—
Balance on liquidity basis—increase in U.S. official reserve assets and decrease in liquid liabilities to all foreigners; decrease (-).....	—1,357	—3,544	168	—307	—495	—330	—1,031	—1,688	—564	9	—139	862	—1,668	—3,850	—2,533	—
Balance on official reserve transactions basis—in- crease in U.S. official reserve assets and decrease in liquid and certain nonliquid liabilities to foreign official agencies; decrease (-).....	266	—3,418	1,638	239	—1,711	—719	—71	—917	—379	1,553	97	367	1,143	1,234	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.....	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	760.7	763.1
Wage and salary disbursements, total.....	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	519.9	521.5
Commodity-producing industries, total.....	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	201.5	201.6
Manufacturing.....	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	160.7	160.5
Distributive industries.....	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	121.8	121.6
Service industries.....	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	89.4	90.7
Government.....	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	107.2	107.7
Other labor income.....	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	26.6	26.8
Proprietors' income:																
Business and professional.....	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	50.5	50.6
Farm.....	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	16.8	16.7
Rental income of persons.....	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	21.7	21.8
Dividends.....	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	25.1	25.3
Personal interest income.....	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	60.2	60.6
Transfer payments.....	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	66.4	66.7
Less personal contributions for social insurance bil. \$.....	20.6	22.6	23.0	23.2	23.2	23.4	23.5	25.3	25.6	25.7	25.8	26.1	26.4	26.6	26.7	26.8
Total nonagricultural income.....	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	738.1	740.6

FARM INCOME AND MARKETING †																	
Cash receipts from farming, including Government payments, total †.....	45,772	47,848	5,507	5,714	4,920	4,280	3,829	3,097	3,285	3,211	3,287	3,395	4,215	5,222	5,772	—	
Farm marketings and CCC loans, total.....	42,693	44,386	4,348	5,318	4,883	4,247	3,771	2,970	3,062	3,060	3,251	3,385	3,800	3,890	4,482	5,617	
Crops.....	18,401	18,847	2,025	2,767	2,712	2,154	1,565	951	883	822	818	1,070	1,417	1,543	1,904	2,782	
Livestock and products, total ♀.....	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	2,578	2,835	
Dairy products.....	5,743	5,962	478	495	479	501	514	462	518	524	552	533	518	502	500	513	
Meat animals.....	14,534	15,406	1,453	1,652	1,316	1,212	1,300	1,219	1,295	1,356	1,523	1,440	1,453	1,446	1,667	1,881	
Poultry and eggs.....	3,645	3,827	375	385	360	352	343	297	332	318	315	392	381	393	421	—	
Indexes of cash receipts from marketings and CCC loans, unadjusted: †																	
All commodities.....	1957-59=100	132	137	161	197	181	157	140	110	113	113	120	125	141	144	166	208
Crops.....	do	133	136	175	240	235	187	136	82	76	71	93	123	134	165	241	—
Livestock and products.....	do	131	138	151	165	141	136	143	131	141	145	158	150	154	152	187	184
Indexes of volume of farm marketings, unadjusted: †																	
All commodities.....	1957-59=100	123	126	147	186	170	150	129	95	94	92	95	104	123	142	185	—
Crops.....	do	124	130	168	234	229	191	139	75	61	53	52	84	126	155	235	—
Livestock and products.....	do	123	124	132	150	126	119	122	110	118	121	127	119	122	121	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	167.7	174.2	178.5	178.0
By industry groupings:																
Manufacturing, total.....	159.7	166.8	170.7	173.4	171.4	167.5	167.0	172.1	175.1	173.7	174.4	178.5	167.3	174.3	179.5	179.9
Durable manufactures.....	163.7	169.8	170.6	173.5	174.2	172.6	171.4	175.3	178.6	177.7	178.3	182.2	169.7	173.6	181.1	181.8
Nondurable manufactures.....	154.6	163.0	170.8	173.3	168.0	161.2	161.4	168.0	170.8	168.6	169.5	173.9	164.3	175.3	177.6	177.5
Mining.....	123.8	126.4	128.6	122.8	126.3	124.1	124.2	125.4	130.2	132.9	134.6	127.9	127.9	132.3	132.0	132.6
Utilities.....	184.9	202.1														
By market groupings:																
Final products, total.....	158.3	164.9	171.9	172.6	169.2	165.6	166.6	169.3	171.9	168.6	168.4	174.0	168.4	172.4	178.3	177.3
Consumer goods.....	148.5	15														

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	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.		
GENERAL BUSINESS INDICATORS—Continued																	
INDUSTRIAL PRODUCTION^a—Continued																	
<i>Federal Reserve Index of Quantity Output—Con.</i>																	
Seas. adj., total index (incl. utilities) ^b 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	173.3	
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	174.2
Durable manufactures ^c	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	177.5
Primary metals	do	132.5	137.1	120.6	123.1	129.3	135.4	139.5	143.6	146.2	147.9	149.3	153.1	152.4	151.5	149.6	150
Iron and steel	do	126.8	130.8	107.3	108.1	115.8	124.6	126.8	133.7	139.0	141.2	141.6	145.6	145.3	141.3	141.0	141
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	190.8	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	178.0	179
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	171
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	199
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	199
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	203.5	198
Transportation equipment ^c	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	178	178
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	168
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	184
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	194
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	156
Lumber and products	do	116.9	122.1	119.4	119.4	126.1	122.5	122.5	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	185.0	186.5	185.1	184	
Miscellaneous manufactures	do	157.3	161.4	162.0	162.1	165.3	166.2	164.7	165.7	167.6	168.1	167.4	165.8	165.0	165.8	165	164
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	170.2
Textile mill products	do	142.0	151.3	152.0	153.3	155.1	153.5	152.9	152.0	152.9	154.2	156.5	157.8	157.0	154.0	153.2	
Apparel products	do	147.6	149.9	149.9	152.1	149.2	148.1	147.9	150.2	149.8	150.0	149.2	150.7	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		
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	157.4	156
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	275.0	274.3	276.7	277.7	283.3	285.2	286.1	288.6	288.6	288.5		
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		
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	136.6	136.1	135.8	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		
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		
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	130.2
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	116
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	132
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	134
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	142.6	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	222.4	224.5	
Electric	do	191.8	211.3	214.7	219.3	216.0	219.9	226.1	225.5	225.7	226.9	223.1	225.9	234.2	234.4		
Gas	do	163.0															
By market groupings:																	
Final products, total ^c	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	172.1	171.3
Consumer goods	do	148.5	156.6	157.3	159.6	159.2	160.1	161.0	161.7	162.8	160.7	161.5	161.4	164.4	164.0	162.7	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	177.6	183.0	184.5	181.9	179.2	176	
Automotive products	do	149.1	174.3	175.6	178.9	181.2	177.8	176.2	174.7	175.4	181.6	165.8	178.7	184.6	174.3	170	
Autos	do	145.7	174.8	174.4	180.3	180.6	174.5	170.6	165.0	165.0	149.6	149.6	168.3	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 ^c	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	180.2	180.0	182.0	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		
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	</	

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and descriptive notes are shown in the 1967
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	1967	1968	1968				1969								
	Annual	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.

GENERAL BUSINESS INDICATORS—Continued

BUSINESS SALES AND INVENTORIES \$																
Mfg. and trade sales (unadj.), total ¹ mil. \$	11,067,539	11,163,371	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 ¹ do	11,067,539	11,163,371	98,540	99,675	100,142	98,671	100,137	101,390	101,510	102,352	103,232	104,127	104,201	104,644	105,859	-----
Manufacturing, total ¹ do	1,548,542	1,603,718	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	28,960	28,786	27,742	29,325	29,914	29,530	29,643	29,573	30,136	30,605	30,868	31,707	-----
Nondurable goods industries do	248,862	272,767	23,456	23,600	23,752	23,476	23,388	23,548	23,655	24,168	24,650	24,787	24,371	24,699	-----	-----
Retail trade, total ¹ do	131,809	1339,710	28,316	28,697	28,806	28,347	28,989	29,280	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	9,548	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	1,205,188	1,219,943	18,792	18,418	18,788	18,830	18,347	18,790	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	-----
Non-durable goods establishments do	114,741	119,930	10,238	9,882	10,024	10,096	9,792	9,861	10,448	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 ¹ 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 ¹ mil. \$	143,694	153,764	150,652	152,017	152,830	153,764	154,086	155,330	156,401	157,477	158,602	159,264	160,631	161,650	162,693	-----
Manufacturing, total ¹ 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	56,657	56,953	57,422	57,870	58,978	59,426	60,222	61,441	61,724	62,006	62,220	62,006	-----
Nondurable goods industries do	29,279	31,157	30,651	30,909	30,994	31,157	31,026	31,274	31,330	31,592	31,917	31,736	31,725	32,004	32,203	-----
Retail trade, total ¹ do	39,318	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	19,355	19,756	20,079	-----
Nondurable goods stores do	21,915	23,196	22,802	23,055	23,127	23,196	23,118	23,527	23,551	23,981	24,073	24,516	24,566	24,727	-----	-----
Merchant wholesalers, total ¹ do	21,557	22,528	22,119	22,231	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	-----
Non-durable 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 ¹ 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	1.54
Manufacturing, total ¹ 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	1.67
Durable goods industries do	2.08	2.01	2.02	1.96	1.98	2.07	1.97	1.95	2.00	2.04	2.01	2.01	2.01	2.01	1.96	1.96
Materials and supplies do	.62	.59	.60	.58	.58	.60	.57	.56	.58	.57	.56	.55	.56	.55	.54	.54
Work in process do	.94	.92	.92	.89	.91	.95	.91	.90	.92	.93	.94	.93	.94	.94	.92	.92
Finished goods do	.52	.50	.49	.49	.49	.52	.50	.49	.50	.51	.52	.51	.51	.51	.50	.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	1.30
Materials and supplies do	.55	.50	.49	.49	.48	.49	.49	.49	.49	.49	.49	.47	.47	.48	.48	.48
Work in process do	.21	.20	.20	.20	.20	.20	.21	.21	.21	.21	.20	.20	.20	.20	.20	.20
Finished goods do	.64	.62	.62	.62	.62	.62	.63	.63	.63	.63	.63	.61	.62	.62	.62	.62
Retail trade, total ¹ do	1.47	1.44	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	1.53
Durable goods stores do	2.03	2.00	2.05	2.05	2.05	2.08	2.11	2.08	2.03	2.08	2.04	2.01	2.03	2.12	2.16	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	1.24
Merchant wholesalers, total ¹ 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	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	1.53
Non-durable goods establishments do	.90	.91	.88	.91	.90	.90	.93	.94	.90	.90	.88	.90	.90	.86	.87	.87
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Manufacturers' export sales:																
Durable goods industries:																
Unadjusted, total do	12,853	14,944	1,275	1,370	1,399	1,306	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 ¹ do	548,542	603,718	52,950	54,016	52,495	50,197	49,452	53,933	55,254	54,693	54,406	57,484	50,501	53,401	57,960	-----
Durable goods industries, total ¹ 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	1,406	1,325	1,215	1,108	1,205	1,387	1,450	1,532	1,407	1,531	1,613	1,613	-----
Primary metals do	45,867	50,457	3,912	4,125	4,051	3,910	4,329	4,741	4,884	4,893	4,883	4,991	4,360	4,584	4,903	-----
Blast furnaces, steel mills do	22,846	24,901	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	2,244
Fabricated metal products do	31,443	34,180	2,965	3,079	2,852	2,685	2,657	3,009	2,994	3,100	3,031	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	5,513	5,720	5,550	5,420	5,918	4,856	5,095	5,644	-----
Electrical machinery do	41,443	42,353	3,754	3,681	3,602	3,593	3,362	3,728	3,867	3,686	3,674	4,076	3,536	3,739	4,072	-----
Transportation equipment do	74,863	84,163	7,067	7,835	7,932	7,302	7,192	7,741	7,814	7,654	7,652	6,224	6,302	8,103	8,103	-----
Motor vehicles and parts do	43,096	47,638	4,018	4,749	4,665	3,935	4,236	4,236	4,393	4,466	4,281	4,223	4,615	3,993	4,681	4,681
Instruments and related products do	9,500	11,370	1,062	1,025	1,043	967	1,056	1,101	1,068	1,085	1,217	1,023	1,166	1,280	1,280	-----
Nondurable goods industries, total ¹ 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	7,624	7,831	8,278	7,809	8,159	8,711	-----
Tobacco products do	4,768	4,922	423	412	420	414	376	399	404	414	430	427	433	453	456	-----
Textile mill products do	19,241	21,458	1,981	1,956	1,863	1,702	1,626	1,752	1,830	1,756	1,717	1,854	1,507	1,852	1,848	-----
Paper and allied products do	21,120	24,208	2,186	2,174												

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	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 ORDERS¹—Continued																	
Shipments (seas. adj.)—Continued																	
By market category:																	
Home goods and apparel.....	151,206	155,126	4,551	4,559	4,407	4,560	4,849	4,715	4,703	4,738	4,820	5,066	5,017	4,646	4,660		
Consumer staples.....	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.....	184,149	196,115	8,234	8,483	8,609	8,182	8,764	8,828	8,738	8,886	8,864	8,960	8,917	9,209			
Automotive equipment.....	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.....	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.....	1215,090	1234,291	19,732	20,169	20,233	20,022	20,157	20,517	20,621	20,631	20,946	21,432	21,401	21,242	21,863		
Supplementary market categories:																	
Consumer durables.....	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).....	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*.....	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.....	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	82,561	88,239	86,409	86,887	87,382	88,239	89,179	90,158	90,885	91,779	92,808	92,500	92,682	93,262	93,411		
Durable goods industries, total.....	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.....	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	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 ²	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.....	1,952	2,219	2,029	2,064	2,153	2,219	2,289	2,372	2,361	2,391	2,390	2,431	2,453	2,468			
Primary metals.....	7,644	7,552	7,502	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.....	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	4,268		
Fabricated metal products.....	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.....	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.....	8,157	8,560	8,502	8,524	8,528	8,560	8,551	8,735	8,957	8,913	9,044	9,086	9,185				
Transportation equipment.....	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	15,193		
Motor vehicles and parts.....	3,827	4,257	4,248	4,257	4,221	4,257	4,208	4,226	4,263	4,216	4,306	4,237	4,237	3,940			
Instruments and related products.....	2,013	2,183	2,067	2,105	2,122	2,183	2,240	2,275	2,339	2,345	2,339	2,387	2,407	2,412	2,399		
By stage of fabrication: ³																	
Materials and supplies ³	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.....	2,815	2,787	2,876	2,850	2,783	2,787	2,800	2,765	2,824	2,843	2,806	2,760	2,800	2,845			
Machinery (elec. and nonelec.).....	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.....	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 ³	24,675	26,357	25,772	25,825	26,085	26,357	26,631	27,264	27,463	27,872	28,072	28,714	28,977	29,256			
Primary metals.....	2,671	2,547	2,486	2,451	2,536	2,547	2,506	2,535	2,573	2,609	2,612	2,674	2,687	2,720	2,722		
Machinery (elec. and nonelec.).....	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.....	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 ³	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.....	2,158	2,218	2,140	2,125	2,185	2,218	2,222	2,254	2,290	2,259	2,309	2,318	2,353	2,387	2,372		
Machinery (elec. and nonelec.).....	5,576	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.....	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 ²	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.....	7,094	7,370	7,423	7,491	7,417	7,370	7,264	7,248	7,215	7,293	7,416	7,296	7,367	7,347			
Tobacco products.....	2,269	2,261	2,219	2,211	2,231	2,261	2,219	2,203	2,226	2,203	2,209	2,211	2,230	2,251	2,240		
Textile mill products.....	3,232	3,530	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.....	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	2,523			
Chemicals and allied products.....	5,600	5,937	5,793	5,871	5,882	5,937	6,088	6,177	6,255	6,336	6,396	6,395	6,418	6,454			
Petroleum and coal products.....	1,971	2,118	2,083	2,114	2,136	2,118	2,068	2,076	2,069	2,061	2,077	2,079	2,078	2,075	2,119		
Rubber and plastics products.....	1,601	1,801	1,733	1,731	1,833	1,801	1,811	1,799	1,811	1,837	1,808	1,808	1,851	1,885	1,893		
By stage of fabrication:																	
Materials and supplies.....	11,247	11,598	11,511	11,600	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.....	4,496	4,855	4,679	4,724	4,752	4,855	4,991	5,014	5,014	5,016	5,016	5,016	5,046				
Finished goods.....	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.....	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.....	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.....	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.....	4,640	5,199	5,172	5,195	5,134	5,199	5,281	5,235	5,322	5,330	5,287	5,449	5,368	5,077			
Construction materials and supplies.....	6,445	7,410	7,129	7,236	7,410	7,540	7,640	7,723	7,714	7,761	7,832	7,783	7,842				
Other materials and supplies.....	30,893	32,524	32,065	32,183	32,341	32,524	32,555	32,731	32,878	33,258	33,631	33,6					

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 ORDERS¹—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 ¹ 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 ¹ 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	13,251	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	26,599	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 ¹ 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	2,208	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	48,006	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 INCORPORATIONS²																
New incorporations (50 States and Dist. Col.):																
Unadjusted..... number..... do	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 FAILURES³																
Failures, total..... number.....	12,364	9,636	705	768	696	563	689	731	868	823	812	792	689	702	726	
Commercial 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	89,993	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†.....1910-14=100..	253	261	268	262	264	262	263	267	271	271	282	284	282	279	275	277
Crops‡.....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	151
Fruit.....do.....	242	303	352	332	285	250	259	272	285	259	269	298	259	257	245	228
Tobacco.....do.....	555	567	577	562	577	584	579	583	583	585	585	592	607	615	611	615
Livestock and products§.....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	354	355	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

¹ Based on unadjusted data. ² Includes work marked "O" on p. S-5. ³ See corresponding note on p. S-6. ⁴ Includes data for items not shown separately. ⁵New series. Based on separate reports on defense work filed by large defense contractors in ordinance, communications, complete aircraft, aircraft parts, and shipbuilding industries. It differs from the old series in that it includes defense activity in shipbuilding and excludes nondefense work in ordinance, communications, complete aircraft, and

^c Compiled by Dun & Bradstreet, Inc. (failures data are for 48 States and Dist. Col.).
^d Revisions for Jan. 1964-Mar. 1969 (back to Jan. 1959 for all farm products, all crops, commercial vegetables and fruit) are available from the Dept. of Agriculture. Statistical

commercial vegetables, and fruit) are available from the Dept. of Agriculture, Statistical Reporting Service. § Ratio of prices received to prices paid (parity 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.	

COMMODITY PRICES—Continued

CONSUMER PRICES—Continued																	
(U.S. Department of Labor Indexes—Continued)																	
Unadjusted indexes—Continued																	
Food ♀.....	1957-59=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	115.3	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	122.7	122.8	122.9	123.0	122.9	124.0	124.4	125.0	125.5	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 ♀.....	do	117.9	123.6	125.3	126.0	126.9	127.6	128.6	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 ♀.....	do	109.0	110.4	110.5	110.4	111.3	111.5	111.7	111.8	112.2	112.6	112.7	112.6	113.0	113.3	113.3	
Fuel oil and coal.....	do	111.6	115.1	115.8	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	110.6	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	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	119.6	119.5	120.6	121.2	120.7	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	101.6	101.0	99.5		
Used cars.....	do	121.5	126.7	127.7	128.0	128.2	128.4	128.7	129.6	130.5	131.2	126.8	128.2	127.0	126.4	121.4	
Public.....	do	132.1	138.3	138.7	139.4	144.3	144.8	145.5	147.5	148.0	149.1	149.5	149.7	150.3			
Health and recreation ♀.....	do	123.8	130.0	131.1	131.0	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	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	128.7	129.6	130.2	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	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	124.0		
WHOLESALE PRICES ^c																	
(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	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	100.7	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	112.3	112.8	
Finished goods ^g	do	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	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	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	108.8	108.8	109.3	111.2	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	113.6	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	116.0	116.1	116.4	117.9	117.9	
Nondurable manufactures.....	do	105.3	106.9	107.4	107.0	107.2	107.7	108.0	108.9	109.6	109.0	109.6	110.6	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 ^g	do	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	103.4	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	84.4	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	118.7	
Foods and feeds, processed ^g	do	111.7	114.1	115.3	114.4	114.7	116.0	116.3	117.3	117.8	119.4	121.4	122.0	121.3	121.6	115.0	115.0
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	113.1		
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	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	133.4	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	116.0	
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	114.0	127.5	124.5	122.9	120.2	
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	

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 PRICES²—Continued <i>(U.S. Department of Labor Indexes—Continued)</i>																
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	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	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.....																
Concrete products.....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
Gypsum 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	112.3	112.4	113.2	113.5
Pulp, paper, and allied products.....do.....	102.8	105.5	106.6	106.2	106.2	106.2	106.2	106.2	106.2	106.2	108.7	108.7	104.9	103.2	106.1	105.9
Paper.....do.....	103.8	105.2	105.1	105.2	105.2	105.2	105.2	105.2	105.2	105.2	108.0	108.1	108.3	108.4	108.7	108.8
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	103.0	102.7	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	104.5	104.6	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	92.7	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																
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	112.5	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	116.7	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[†]																
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	7,818	7,270	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	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																
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	.6	.6					
Military facilities.....do.....			.8	1.9	.9	1.1	1.0	1.0	1.0	1.2	1.0					
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):																
Value, total ¹.....mil. \$	154,514	1261,732	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	3153	3173	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.....	135,475	142,135	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:																

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)	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	344.9	900.7	80.3	85.6	65.1	53.9	51.3	48.0	72.0	85.0	91.4	82.9	73.6	69.3	70.7	70.7
Privately owned	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)	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	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	1,288.4	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)		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)		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	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	651	689	706	694	729	736	671	685	670	659	632	631	570	565	565	563
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite‡	1957-59=100	125	131	133	135	135	136	137	137	138	139	139	141	142	143	143
American Appraisal Co., The:																
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	992	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	1,092	1,093	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	971	978	990	996	1,001	997	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
E. H. Boeckh and Associates, Inc.: ¶																
Average, 20 cities:																
All types combined	1957-59=100	129.8	142.1	142.2	142.3	142.3	142.3	146.3	146.2	147.5	146.9	147.3	149.7	150.8	151.9	151.8
Apartments, hotels, office buildings	do	130.7	139.9	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	142.4	145.1	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	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
Construction	do	140.8	151.9	155.8	156.5	166.7	158.0	160.0	161.8	162.9	164.3	165.6	169.1	168.8	170.0	169.1
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	164.0	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	165.6	165.0	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	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	169	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	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§ mil. \$	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	565	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	149	155	152	164	161	162	162	159	163						
Business papers	do	128	131	122	128	128	125	128	130	139						
Magazines	do	157	162	169	175	170	172	163	163	164						
Newspapers	do	117	124	125	127	132										

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	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			436.4			381.0			343.8
Automotive, incl. accessories.....	do	115.8	\$125.9	18.1			48.9			35.6			27.5			21.3
Drugs and toiletries.....	do	429.0	\$437.0	88.6			136.6			131.9			104.3			103.1
Foods, soft drinks, confectionery.....	do	306.8	\$293.3	57.4			88.0			87.2			70.9			66.4
Soaps, cleansers, etc.....	do	134.3	\$144.9	32.9			36.9			41.8			38.0			39.4
Smoking materials.....	do	183.1	\$156.8	28.4			49.1			47.2			38.5			35.0
All other.....	do	331.0	\$392.1	75.6			140.8			92.7			101.7			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	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	11.3	9.3	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	1.4	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	9.1	5.8	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 lineage (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	88.8	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	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. \$		205,188	219,943	18,640	19,979	18,906	18,917	17,576	16,897	19,152	19,912	20,150	20,086	20,008	20,036	20,630
Durable 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
Nondurable goods establishments.....	do	114,741	119,930	10,050	10,759	10,329	10,489	9,560	9,935	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. \$		21,514	22,487	22,102	22,518	22,666	22,487	22,523	22,720	23,116	23,349	23,348	23,500	23,349	23,495	23,625
Durable 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
Nondurable goods establishments.....	do	9,206	9,242	9,037	9,357	9,464	9,242	9,343	9,315	9,393	9,318	9,288	9,273	9,177	9,233	9,471

RETAIL TRADE †

All retail stores: †	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 †.....	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	9,948	9,351	1,9878
Automotive group.....	do	58,273	65,261	4,814	5,002	5,623	5,049	5,137	5,058	5,707	5,924	6,200	6,152	5,616	5,098	5,482	1,5942
Passenger car, other auto. dealers.....	do	53,966	60,660	4,457	5,595	5,196	4,604	4,743	5,339	5,500	5,750	5,695	5,171	4,687	4,445	4,111	
Tire, battery, accessory dealers.....	do	4,307	4,601	357	397	427	445	331	315	368	424	450	457	411	372		
Furniture and appliance group †.....	do	15,267	16,540	1,412	1,450	1,489	1,770	1,267	1,216	1,291	1,386	1,417	1,383	1,360	1,384	1,413	
Furniture, homefurnishings stores.....	do	10,227	850	907	933	1,025	786	768	842	838	890	899	859	864	847		
Furniture, household appliance, TV, radio.....	do	5,235	460	456	464	613	401	374	372	412	446	454	417	433			
Lumber, building, hardware group.....	do	12,675	1,257	1,339	1,198	1,186	933	968	1,098	1,271	1,344	1,370	1,345	1,312	1,290		
Lumber, bldg. materials dealers †.....	do	9,781	10,984	997	1,063	907	817	727	766	866	980	1,033	1,073	1,048	1,033	1,020	
Hardware stores.....	do	2,894	260	276	291	369	211	202	232	291	311	297	297	279	270		
Nondurable goods 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	120,488
Apparel group.....	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
Men's and boys' wear stores.....	do	4,516	332	373	437	689	370	289	330	368	391	350	330	360	353		
Women's apparel, accessory stores.....	do	7,429	608	656	701	990	530	479	600	626	642	574	561	605	618		
Shoe stores.....	do	3,196	284	265	277	343	215	190	265	282	286	262	237	437	337		
Drug and proprietary stores.....	do	10,721	11,458	912	941	924	1,295	942	884	932	931	1,002	951	961	992	972	1,1,009
Eating and drinking places.....	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	1,2,211
Food group.....																	

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	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	970	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	6,284	6,244	6,312	6,278	6,275	6,429	6,298		
Grocery stores do		5,735	5,731	5,817	5,744	5,909	5,955	5,883	5,830	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	20,182	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	3,140	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	23,293	24,437	24,949	22,500	21,963	22,713	23,418	23,689	23,816	23,586	24,499	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	4,836	4,873	5,204	5,344	
Food group do	4,290	4,511	4,382	4,552	4,651	4,536	4,503	4,578	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	9,237	9,925	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	39,318	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	3,046	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	2,908	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	4,663	4,720	4,694	4,760	4,811	4,880	4,900	4,910	4,972	5,038	5,092	5,097	5,637	
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	6,027	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	266	272	275	433	273	253	279	283	315	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	2,800	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	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	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	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	2,204	2,339	2,297	2,440	2,367	2,326	2,501	2,493	2,398		
Variety stores do		380	404	416	405	430	412	449	439	449	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	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	6,700	6,730	6,732	6,865	6,964	7,189	7,151	7,184			
Nondurable goods																

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LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

LABOR FORCE—Continued																	
Seasonally Adjusted																	
Civilian labor force ^t	thous.		78,847	78,800	79,042	79,368	79,874	80,356	80,495	80,460	80,071	80,433	80,756	81,054	81,359	81,486	
Employed, total.....	do		76,000	76,002	76,388	76,765	77,229	77,729	77,76	77,605	77,265	77,671	77,874	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	74,553	74,669	74,993	
Agricultural employment.....	do		3,651	3,525	3,706	3,842	3,752	3,881	3,732	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	316	355	409	383	419	382	389	370
Rates (unemployed in each group as percent of total in that group): ^t																	
All civilian workers.....			3.8	3.6	3.6	3.6	3.4	3.3	3.3	3.4	3.5	3.5	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	1.9	2.0	2.0	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	3.8	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	12.8	12.5	11.6	12.2	13.2	
Married men [*]			1.8	1.6	1.6	1.6	1.6	1.4	1.4	1.4	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	5.7	6.0	6.9	6.5	7.0	6.4	6.5	6.8	6.9
White workers [*]			3.4	3.2	3.2	3.1	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	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	3.7	4.1	3.8	3.8	4.4	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	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	5.7	7.4	7.3	
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	3.7	
Durable goods [*]			3.4	3.0	3.1	3.2	3.1	2.6	2.7	2.4	3.0	2.9	3.3	3.2	3.3	3.3	
EMPLOYMENT																	
Employees on payrolls of nonagricultural estab. ^{t,f}																	
Total, not adjusted for seasonal variation.....	thous.	65,857	67,860	68,610	68,960	69,248	69,805	68,196	68,403	68,804	69,462	69,929	70,980	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	69,789	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	622	631	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	3,410	3,414	3,406
Manufacturing.....	do	19,447	19,768	19,820	19,840	19,897	19,958	19,999	20,061	20,122	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	11,874	11,931	11,912	12,081	11,965	11,953	
Ordnance 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	600	600	603	606	607	608	604	610	607	600	598	594	591	
Furniture and fixtures.....	do	455	474	478	480	484	485	490	494	496	496	496	491	493	491	491	
Stone, clay, and glass products.....	do	628	637	645	649	652	658	664	666	658	662	658	659	660	661	661	
Primary metal industries.....	do	1,322	1,314	1,302	1,294	1,300	1,313	1,321	1,330	1,332	1,333	1,347	1,348	1,361	1,380	1,382	
Fabricated metal products.....	do	1,303	1,394	1,401	1,411	1,420	1,426	1,437	1,444	1,450	1,453	1,456	1,456	1,465	1,404	1,461	
Machinery, except electrical.....	do	1,970	1,961	1,960	1,966	1,974	1,971	1,981	1,997	1,999	1,999	2,010	2,007	2,005	2,023	2,031	
Electrical equip. and supplies.....	do	1,950	1,982	1,984	1,982	1,988	1,996	2,013	2,026	2,036	2,046	2,058	2,063	2,070	2,073	2,078	
Transportation equipment.....	do	1,949	2,028	2,035	2,034	2,031	2,031	2,045	2,020	2,042	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	474	473	471	473	469	469	
Miscellaneous manufacturing ind.....	do	428	435	434	437	430	445	447	441	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	8,236	8,237	
Food and kindred products.....	do	1,756	1,781	1,782	1,782	1,781	1,789	1,792	1,801	1,793	1,795	1,789	1,787	1,797	1,796	1,797	
Tobacco manufactures.....	do	87	84	84	83	82	81	84	82	83	81	82	81	83	80	78	
Textile mill products.....	do	959	901	904	904	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	1,412	1,411	
Paper and allied products.....	do	679	603	696	700	704	706	709	713	714	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	
Chemicals and allied products.....	do	1,001	1,026	1,031	1,034	1,038	1,040	1,044	1,044	1,045	1,046	1,046	1,055	1,054	1,052	1,050	
Petroleum and coal products.....	do	183	187	186	187	188	189	189	187	187	187	190	191	191	189	191	
Rubber and plastics products, nec.....	do	516	557	565	568	567	571	573	577	579	579	581	584	585	584	582	
Leather and leather products.....	do	351	356	357	357	356	354	354	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	4,482	4,476	
Wholesale and retail trade.....	do	13,606	14,081	14,198	14,265	14,291	14,271	14,412	14,412	14,468	14,508	14,533	14,609	14,665	14,671	14,702	14,731
Wholesale trade.....	do	3,525	3,618	3,646	3,660	3,660	3,673	3,701	3,714	3,726	3,737	3,758	3,774	3,773	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	10,851	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	11,308	11,846	11,887	11,949	11,949	12,032	12,081	12,122	12,132	12,144	12,152	12,259	12,231	12,283	12,284	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	9,241	9,308	9,321	9,355	9,373	9,453	9,469	9,454	9,486	9,535	9,564	
Production workers on manufacturing payrolls:																	
Total, not seasonally adjusted ^{t,f}	thous.	14,308	14,505	14,758	14,731	14,741	14,701	14,509	14,584	14,644	14,604</td						

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. ^p	

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

EMPLOYMENT—Continued		HOURS AND MAN-HOURS																													
Seasonally Adjusted		Seasonally Adjusted																													
Production workers on manufacturing payrolls—Continued																															
Nondurable goods industries—Continued																															
Paper and allied products.....do.....	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	672	669	674	675	676	679	681															
Chemicals and allied products.....do.....	592	608	611	613	616	617	620	620	620	617	617	623	620	619	613	612															
Petroleum and coal products.....do.....	115	118	117	119	119	119	101	116	118	118	119	119	118	118	119	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	305	306	302	301	300	300	299	294	294	296	287	285															
HOURS AND MAN-HOURS																															
Seasonally Adjusted																															
Average weekly gross hours per production worker on payrolls of nonagricultural estab. ^{t+f}																															
Mining.....hours.....	42.6	42.7	42.9	41.2	43.2	43.3	43.3	42.8	43.8	43.4	42.0	42.6	43.2	43.0	42.8	42.8															
Contract construction.....do.....	37.7	37.4	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	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	40.5	40.6	40.7	40.7	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	40.7	40.6	40.8	40.5	40.5															
Overtime hours.....do.....	3.4	3.6	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	3.4															
Durable goods.....do.....	41.2	41.4	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	41.2															
Overtime hours.....do.....	3.5	3.8	3.9	3.9	4.0	3.9	3.8	3.9	3.8	3.8	3.9	3.8	3.8	3.8	3.6	3.6															
Ordnance 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	40.6	40.3	40.4	40.3	39.5															
Furniture and fixtures.....do.....	40.4	40.6	40.8	40.8	40.5	40.6	40.1	40.7	40.9	40.7	40.9	40.7	40.1	40.3	40.1	39.9															
Stone, clay, and glass products.....do.....	41.6	41.8	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	41.7															
Primary metal industries.....do.....	41.1	41.6	41.4	41.4	41.6	41.7	41.6	41.9	41.8	41.7	41.5	42.0	42.2	42.2	42.2	42.2															
Fabricated metal products.....do.....	41.5	41.7	41.9	42.1	41.7	41.8	41.2	41.6	41.8	41.6	41.6	41.6	41.4	41.4	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	42.6	42.7	42.5	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	40.3	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	40.9	40.9	40.9	41.1	40.8	40.8															
Miscellaneous manufacturing ind.....do.....	39.4	39.6	39.4	39.2	39.0	39.2	37.6	39.6	39.5	39.1	39.2	39.1	39.0	39.0	38.8	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	3.3	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	40.6	40.6	40.9	41.1	41.3															
Tobacco manufactures.....do.....	38.6	37.8	38.2	37.7	37.5	37.1	36.6	36.5	36.4	38.1	39.5	38.2	37.2	37.4	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	40.9	40.7	40.5	40.5															
Apparel and other textile products.....do.....	36.0	36.1	36.4	36.0	36.1	36.2	35.2	36.0	36.0	36.1	36.0	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	38.3	38.2	38.2															
Chemicals and allied products.....do.....	41.6	41.8	41.9	41.9	41.9	41.9	41.7	41.7	41.7	41.6	41.8	41.9	41.6	41.6	41.6	41.6															
Petroleum and coal products.....do.....	42.7	42.5	42.5	42.6	42.6	42.7	41.8	42.6	43.2	42.9	43.0	42.2	42.8	42.4	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	40.6	40.6															
Leather and leather products.....do.....	38.1	38.3	38.1	38.6	37.9	37.8	37.6	37.6	37.7	37.6	37.4	37.0	37.0	37.1	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	40.2	40.1	40.0	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	37.1	37.1															
Seasonally Adjusted		Seasonally Adjusted																													
Man-hours in nonfarm estab., all employees, seasonally adjusted, annual rate ^{t+f}	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^{t+f}																															
1957-59=100.....do.....	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: Durable goods.....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	119.5	119.5															
Ordnance and accessories.....do.....	204.5	223.8	228.8	216.3	227.2	226.6	220.6	221.1	222.2	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	115.7	115.7	115.9	113.6	114.0	112.2	113.5	113.6	112.8															
Primary metal industries.....do.....	110.3	110.2	107.7	108.1	110.0	111.0	111.5	112.9	111.9	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	131.9	131.5	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	138.1	136.3	137.3	139.3	139.4	139.4															
Electrical equipment and supplies.....do.....	143.0	143.5	144.8	143.5	143.8	143.8	146.0	144.7	149.3	150.6	150.6	150.4	150.7	150.7	150.6	150.6															

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

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

WEEKLY AND HOURLY EARNINGS—Con.																
Not Seasonally Adjusted—Continued																
Avg. weekly gross earnings per prod. worker on manufacturing payrolls—Continued†																
Durable goods.....	123.60	132.07	135.01	135.43	136.36	137.61	136.04	135.05	137.45	137.20	138.69	139.44	137.83	139.33	143.45	142.42
Ordnance and accessories.....	132.61	135.71	137.85	140.10	138.86	141.28	135.74	135.54	137.23	138.11	138.85	140.76	136.91	139.09	141.29	141.64
Lumber and wood products.....	95.27	104.34	109.03	107.68	105.73	107.16	102.56	104.40	107.86	106.13	109.08	110.30	108.78	111.76	113.65	111.72
Furniture and fixtures.....	94.13	100.28	104.33	104.58	103.48	105.32	101.60	100.84	103.42	103.46	105.04	106.90	104.01	107.71	109.08	109.21
Stone, clay, and glass products.....	117.31	124.98	129.93	129.93	127.49	128.21	125.36	126.38	129.27	131.57	134.41	134.41	133.24	136.75	138.13	137.57
Primary metal industries.....	137.27	147.68	148.68	147.24	149.14	152.67	154.66	153.14	155.82	157.45	157.13	157.92	157.66	160.51	162.93	160.55
Fabricated metal products.....	123.67	131.77	136.43	136.53	137.05	136.50	134.96	133.01	136.45	136.21	138.03	139.86	136.78	138.86	142.38	141.36
Machinery, except electrical.....	135.89	141.46	143.40	145.09	145.94	148.17	147.55	148.82	151.36	150.80	151.66	151.66	148.39	149.94	155.00	155.13
Electrical equip. and supplies.....	111.35	118.08	120.66	120.99	122.10	128.62	122.51	120.69	123.42	122.92	124.34	125.36	122.98	124.53	127.70	127.17
Transportation equipment.....	142.42	155.72	160.07	162.92	165.02	164.86	160.19	157.03	157.38	157.44	158.18	160.58	162.66	159.17	167.11	166.69
Instruments and related products.....	117.71	120.69	123.22	123.22	124.75	125.97	124.74	123.07	125.17	125.96	127.39	129.13	127.17	128.61	132.16	131.61
Miscellaneous manufacturing ind.....	92.59	98.25	99.90	100.15	101.14	100.62	98.40	102.05	102.44	102.96	103.88	101.38	103.22	104.66	105.32	
Nondurable goods.....	102.03	109.05	112.03	111.88	111.72	113.08	111.50	110.48	113.15	113.08	114.34	115.31	116.22	116.51	118.00	117.41
Food and kindred products.....	107.98	114.24	116.48	115.21	116.28	117.96	117.27	116.40	118.08	117.89	119.77	120.25	122.36	121.30	124.02	122.43
Tobacco manufactures.....	87.62	94.12	94.49	92.58	94.50	96.14	93.03	95.21	94.70	95.94	103.02	111.32	104.43	94.50	98.81	99.96
Textile mill products.....	84.25	91.05	94.02	94.21	93.98	94.85	92.11	90.57	93.66	92.92	94.07	95.63	95.65	97.99	98.16	98.33
Apparel and other textile products.....	73.08	79.78	82.26	82.63	81.36	81.36	81.40	79.90	83.13	81.85	82.67	83.49	82.21	83.85	84.37	83.90
Paper and allied products.....	122.84	130.85	135.60	134.54	134.78	136.90	135.14	132.19	135.45	135.99	137.17	138.46	140.18	141.04	142.99	142.00
Printing and publishing.....	125.95	133.28	137.35	137.39	136.32	139.65	136.06	136.10	139.08	138.68	140.18	141.31	141.31	142.82	144.75	144.01
Chemicals and allied products.....	128.96	136.27	138.60	138.69	139.86	141.46	140.19	139.86	140.95	142.46	143.72	144.63	145.53	146.53	146.37	146.85
Petroleum and coal products.....	152.87	159.38	162.49	160.98	161.88	159.56	152.40	161.38	168.67	174.10	174.50	170.00	176.14	171.60	174.15	170.85
Rubber and plastics products, nec.....	113.44	121.18	125.46	125.16	124.68	126.12	124.73	121.30	123.30	123.82	125.25	125.97	126.07	126.69	129.58	127.51
Leather and leather products.....	78.87	85.41	85.43	86.56	86.03	88.32	87.46	83.18	87.28	85.78	87.66	88.83	87.52	87.19	87.58	88.06
Wholesale and retail trade.....	81.76	86.40	88.08	87.11	87.33	87.96	88.40	88.60	88.85	88.96	89.92	91.55	93.08	93.70	92.20	91.52
Wholesale trade.....	116.06	122.31	124.22	123.82	124.40	125.74	124.80	126.08	126.40	127.20	128.00	129.92	130.17	131.22	131.86	131.53
Retail trade.....	70.95	74.95	75.99	75.46	75.70	76.47	76.16	76.39	76.61	76.73	77.63	79.35	80.96	81.19	79.45	78.29
Finance, insurance, and real estate.....	95.46	101.75	103.23	103.51	103.69	104.99	106.76	107.59	107.22	106.85	107.30	108.70	107.96	108.04	107.75	109.07
Average hourly gross earnings per production worker on payrolls of nonagricultural estab.:†																
Mining.....	3.19	3.35	3.39	3.33	3.47	3.49	3.50	3.52	3.52	3.55	3.57	3.55	3.58	3.59	3.63	3.63
Contract construction.....	4.11	4.40	4.49	4.52	4.54	4.55	4.58	4.56	4.62	4.64	4.71	4.71	4.74	4.79	4.90	4.94
Manufacturing.....	2.83	3.01	3.04	3.06	3.08	3.11	3.12	3.12	3.13	3.15	3.16	3.17	3.19	3.19	3.24	3.24
Excluding overtime.....	2.72	2.88	2.90	2.92	2.94	2.97	2.98	3.00	3.00	3.02	3.03	3.03	3.06	3.09	3.10	
Durable goods.....	3.00	3.19	3.23	3.24	3.27	3.30	3.31	3.31	3.32	3.33	3.35	3.36	3.37	3.39	3.44	3.44
Excluding overtime.....	2.88	3.05	3.07	3.09	3.11	3.15	3.16	3.17	3.17	3.19	3.20	3.21	3.23	3.24	3.28	3.29
Ordnance and accessories.....	3.18	3.27	3.29	3.32	3.33	3.38	3.36	3.38	3.38	3.41	3.42	3.45	3.44	3.46	3.48	3.48
Lumber and wood products.....	2.37	2.57	2.64	2.62	2.63	2.62	2.59	2.61	2.65	2.68	2.71	2.74	2.78	2.82	2.80	
Furniture and fixtures.....	2.33	2.47	2.52	2.52	2.53	2.55	2.54	2.54	2.56	2.58	2.60	2.62	2.62	2.64	2.68	2.69
Stone, clay, and glass products.....	2.82	2.99	3.05	3.05	3.05	3.06	3.05	3.06	3.10	3.13	3.13	3.15	3.14	3.16	3.20	3.21
Primary metal industries.....	3.34	3.55	3.60	3.60	3.62	3.67	3.70	3.69	3.71	3.74	3.75	3.76	3.79	3.84	3.87	3.85
Fabricated metal products.....	2.98	3.16	3.21	3.22	3.24	3.25	3.26	3.26	3.28	3.29	3.31	3.33	3.32	3.33	3.39	3.39
Machinery, except electrical.....	3.19	3.36	3.39	3.43	3.45	3.47	3.48	3.51	3.52	3.54	3.56	3.56	3.58	3.57	3.63	3.65
Electrical equip. and supplies.....	2.77	2.93	2.95	2.98	3.00	3.03	3.04	3.04	3.04	3.05	3.07	3.08	3.09	3.09	3.13	3.14
Transportation equipment.....	3.44	3.69	3.74	3.78	3.82	3.87	3.86	3.83	3.82	3.84	3.83	3.86	3.91	3.93	3.96	3.95
Instruments and related products.....	2.85	2.98	3.02	3.02	3.05	3.08	3.08	3.10	3.10	3.11	3.13	3.15	3.14	3.16	3.20	3.21
Miscellaneous manufacturing ind.....	2.35	2.50	2.51	2.51	2.53	2.58	2.58	2.60	2.61	2.62	2.64	2.65	2.64	2.64	2.67	2.68
Nondurable goods.....	2.57	2.74	2.78	2.79	2.80	2.82	2.83	2.84	2.85	2.87	2.88	2.89	2.92	2.92	2.95	2.95
Excluding overtime.....	2.47	2.63	2.66	2.67	2.69	2.70	2.72	2.73	2.74	2.76	2.77	2.78	2.79	2.82	2.83	
Food and kindred products.....	2.64	2.80	2.80	2.81	2.85	2.87	2.91	2.91	2.94	2.94	2.95	2.94	2.97	2.97	2.96	2.95
Tobacco manufactures.....	2.27	2.49	2.38	2.38	2.52	2.55	2.57	2.63	2.66	2.68	2.74	2.79	2.77	2.77	2.52	2.55
Textile mill products.....	2.06	2.21	2.26	2.27	2.27	2.28	2.28	2.27	2.29	2.29	2.30	2.30	2.31	2.35	2.40	2.41
Apparel and other textile products.....	2.03	2.21	2.26	2.27	2.26	2.26	2.28	2.27	2.29	2.28	2.29	2.29	2.29	2.31	2.35	2.35
Paper and allied products.....	2.87	3.05	3.11	3.10	3.12	3.14	3.15	3.14	3.15	3.17	3.19	3.22	3.26	3.28	3.31	3.31
Printing and publishing.....	2.28	3.48	3.54	3.55	3.55	3.59	3.59	3.61	3.63	3.64	3.66	3.68	3.68	3.70	3.75	3.76
Chemicals and allied products.....	3.10	3.26	3.30	3.31	3.33	3.36	3.37	3.37	3.38	3.40	3.43	3.46	3.49	3.51	3.53	
Petroleum and coal products.....	3.58	3.75	3.77	3.80	3.79	3.90	3.90	3.87	3.87	3.95	4.03	4.03	4.04	4.04	4.05	4.02
Rubber and plastics products, nec.....	2.74	2.92	2.98	2.99	3.01	3.02	3.01	3.02	3.03	3.04	3.05	3.09	3.09	3.13	3.11	
Leather and leather products.....	2.07	2.23	2.26	2.27	2.30	2.32	2.32	2.33	2.34	2.35</						

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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	236		
LABOR TURNOVER																		
Manufacturing establishments:																		
Unadjusted for seasonal variation:△																		
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	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	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	6.6			
Quit	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	1.4	1.2	1.1	1.2	1.2	1.4	1.2	1.0	1.0	.9	.9	1.6	1.1	1.1	1.1	1.1		
Seasonally adjusted:△																		
Accession rate, total	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	4.8			
New hires	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			
Separation rate, total	do		4.6	4.6	4.5	4.2	4.6	4.8	4.9	4.9	5.0	4.9	4.9	5.1	4.8			
Quit	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			
Layoff	do		1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.0	1.1	1.1	1.2	1.1	1.2			
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.	5,817	5,733	561	540	426	360	392	373	397	454	437	512	469	471	503		
Unemployment insurance programs:																		
Insured unemployment, all 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	902		
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	1,300	1,090	906	852	1,021	948	848			
Percent of covered employment:○																		
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																		
Beneficiaries, weekly average	thous.	1,017	936	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	146.1	234.2	226.5	200.1	153.0	135.0	159.2	156.7	136.2		
Federal employees, insured unemployment, weekly average	thous.	20	23	19	20	21	22	24	24	23	20	17	18	19	18	17		
Veterans' program (UCX):																		
Initial claims	do	222	289	22	26	26	20	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	13,040	14,523	14,678	14,314	15,374	15,845	17,994	18,126	17,603		
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.: Total, end of period	mil. \$	10,848	11,748	11,722	11,734	11,677	11,748	11,907	11,946	12,324	12,344	12,514	12,941	12,854	12,841	12,996		
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	1,573	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. \$		78,369.6	78,602.1	78,541.5	78,755.8	78,734.2	78,833.1	78,723.7	78,883.8	79,147.6	79,385.2	79,242.8	79,430.1	79,737.2			
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	2,246.6			
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	2,952.6	2,956.8	3,065.2	3,089.8	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	55,919	55,697	56,614	55,892	55,857	55,5419	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		
U.S. Government securities	do	49,112	52,937	53,279	53,329	53,350	52,937	52,127	52,275	52,405	53,11							

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	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	27,317	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.:																		
Demand, adjusted ³ 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 ⁹ 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	92,390	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	7,675	6,318	6,272	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	14,915	16,259	16,315	16,239	18,999	16,125	18,182	17,544	17,070			
Time, total ⁹ 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	48,650	47,590	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	43,419	42,908	40,916	39,740	38,590	38,049	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	161,177	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	75,289	76,659	76,636	78,590	77,607	76,669	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	6,727	6,555	6,261		
Nonbank financial institutions..... do	10,415	11,866	10,587	10,240	10,287	11,866	10,401	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	42,949	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	27,666	25,146	26,073	24,791	23,077	22,820	23,468	22,336	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	21,118	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. ¹																		
Total loans and investments ¹ 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 ¹ 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	59.7	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	71.7	71.5	71.2	70.3	69.6	69.8				
Money and interest rates: §																		
Bank rates on short-term business loans: †																		
In 35 centers—percent per annum:																		
New York City..... do	2 5.99	2 6.68				6.61			7.32			7.86			8.82			
7 other northeast centers..... do	2 5.72	2 6.45				6.40			7.13			7.66			8.65			
8 north central centers..... do	2 6.34	2 7.01				6.95			7.59			8.18			9.14			
7 southeast centers..... do	2 5.96	2 6.72				6.69			7.41			7.89			8.85			
8 southwest centers..... do	2 5.96	2 6.50				6.44			7.01			7.66			8.46			
4 west coast centers..... do	2 6.06	2 6.68				6.48			7.25			7.87			8.85			
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:																		
Federal intermediate credit bank loans..... do	4.50	5.50	5.25	5.25	5.25	5.50	5.50	5.50	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00		
Federal land bank loans..... do	2 5.88	2 6.41	6.61	6.59	6.54	6.53	6.54	6.64	6.72	6.84	7.02	7.26	7.51	7.69				
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	6.86	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	7.04	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	7.53	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	7.47		
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			
CONSUMER CREDIT (Short- and Intermediate-term)																		
Total outstanding, end of year or month ¹ 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	87,088	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	33,923	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	25,467	25,732			
Repair and modernization loans..... do	3,789	3,925	3,881	3,910	3,931	3,925	3,886	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									

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

CONSUMER CREDIT ^c —Continued																
Installment credit extended and repaid:																
Unadjusted:																
Extended, total.....																
Automobile paper.....	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
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.....		26,952	30,593	2,462	2,752	2,739	3,608	2,449	1,985	2,423	2,668	2,760	2,832	2,778	2,764	2,794
All other.....		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.....		81,306	88,089	7,182	7,813	7,271	7,631	7,965	7,083	7,840	8,033	7,810	7,895	8,174	7,705	7,861
Automobile paper.....		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.....		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.....		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	12,153,671	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).....		153,201	12,172,803	16,029	16,553	15,070	14,465	15,798	14,361	15,637	15,922	15,279	23,105	15,542	16,790	17,167
Expend. acc. surplus or deficit (-).....		-3,649	12,19,132	2,726	-5,837	-2,332	1,355	47	230	-1,910	7,674	-1,932	2,750	-3,001	-1,791	3,239
Loan account:																
Net lending.....		1,503	12,6,030	-207	-286	-55	71	37	-373	-2	-50	-485	2,369	-152	-316	-448
Budget surplus or deficit (-).....		1,8,702	12,25,162	2,518	-6,122	-2,387	1,427	84	-144	-1,912	7,625	-2,418	2,119	-3,153	-2,107	2,790
Budget financing: [†]																
Borrowing from the public.....		1,2,838	1,23,100	-4,528	3,125	-686	-3,586	1,626	-1,887	418	-2,456	-1,485	2,850	4,438	679	-375
Reduction in cash balances.....		1,5,864	1,2,0,062	2,010	2,997	3,073	2,159	-1,710	2,031	1,494	-5,169	3,903	2,159	-1,285	1,428	-2,415
Total, budget financing.....		1,8,702	12,25,162	-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: [†]		134,348	1369,768	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
Held by the public.....		1267,531	1290,631	293,001	296,126	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	12,153,671	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).....		161,526	168,726	9,199	5,299	6,483	6,397	10,222	7,287	3,999	12,106	4,760	10,100	6,404	7,230	9,776
Corporation income taxes (net).....		13,971	12,28,665	5,000	1,278	559	5,159	1,603	682	4,965	5,323	806	1,070	571	5,551	
Social insurance taxes and contributions (net).....	mil. \$	13,349	12,34,622	2,651	2,256	3,659	2,118	2,176	4,880	2,865	3,881	5,748	2,825	2,879	5,209	3,022
Other.....		120,706	12,21,659	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 ^g																
Agriculture Department.....		158,255	12,178,834	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
Defense Department, military.....		1,5,841	1,7,308	1,685	1,267	781	675	808	395	447	610	344	492	825	1,338	1,857
Health, Education, and Welfare Department.....		1,67,453	1,77,373	6,408	6,708	6,336	6,702	6,568	6,227	6,543	6,682	6,480	7,278	6,346	6,612	6,479
Treasury Department.....		134,608	140,576	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.....		113,059	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.....		1,5,423	14,721	342	393	334	347	335	385	335	333	367	327	319	337	294
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	181.4	187.3	187.3	198.1	198.1	198.1	202.3	202.3	202.3	200.9	200.9	
Personal tax and nontax receipts.....		67.5	79.5	83.7	87.4	87.4	93.8	96.9	96.9	96.9	96.9	96.9	96.9	95.0	95.0	
Corporate profit tax accruals.....		30.6	38.3	38.4	39.8	39.8	40.2	40.2	40.2	40.2	40.5	40.5	40.5	39.4	39.4	
Indirect business tax and nontax accruals.....		16.3	18.0	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	19.1	19.1	
Contributions for social insurance.....		36.7	40.5	40.9	41.7	41.7	45.6	45.6	45.6	45.6	46.4	46.4	46.4	47.5	47.5	
Federal Government expenditures, total.....		163.8	181.5	184.2	184.2	187.4	187.4	188.5	188.5	188.5	189.3	189.3	189.3	193.6	193.6	
Purchases of goods and services.....		90.7	99.5	100.9	101.9	101.6	101.6	100.6	100.6	100.6	100.6	100.6	100.6	103.2	103.2	
National defense.....		72.4	78.0	78.8	79.3	79.3	79.0	78.5	78.5	78.5	78.5	78.5	78.5	80.3	80.3	
Transfer payments.....		42.2	47.8	48.7	50.0	50.0	50.8	50.8	50.8	50.8	52.1	52.1	52.1	52.7	52.7	
Grants-in-aid to State and local govts.....		15.9	18.3	18.4	19.0	19.0	19.0	19.0	19.0	19.0	19.3	19.3	19.3	19.8	19.8	
Net interest paid.....		10.3	11.6	11.7	12.2	12.2	12.5	12.5	12.5	12.5	12.9	12.9	12.9	13.1	13.1	
Subsidies less current surplus of government enterprises.....	bil. \$	4.7	4.2	4.6	4.4	4.4	4.6	4.6	4.6	4.6	4.4	4.4	4.4	4.6	4.6	
Surplus or deficit (-).....		-12.7</														

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	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	94,594	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	130,118	139,591	2,457	3,162	1,6,278	5,853	1,992	2,191	2,971	3,770	2,240	3,039	2,560	3,931	3,026		
Industrial... do	7,056	6,628	531	535	564	500	519	501	545	594	531	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	10,367
Net release from earmark [§] ... do	—86	187	170	36	92	—7	—66	—28	—16	48	91	—2	—11	17	29		
Exports... thous. \$	1,005,199	839,160	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	14,292	15,005	22,837	24,956	17,156	23,742	8,066	19,519	27,052			
Production, world total... mil. \$	2,141,0.0	2,142,0.0															
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	9,406	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	3,261	3,176	3,211	3,569	3,387	4,140	3,587	3,382				
Mexico... do	38,273	40,031	4,175	2,869	3,289	3,807	2,055	3,406	4,494	4,059	4,287	4,805	2,045	6,017			
United States... do	30,354	37,168	4,092	4,327	4,368	4,762	5,529	4,723	5,233	4,977							
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	45.2	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	152.4	153.8		
Time deposits adjusted [¶] ... do	173.3	192.4	196.6	199.6	201.3	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	45.2	45.4	45.2	45.6	
Demand deposits... do			148.8	149.1	150.5	151.4	152.3	152.5	152.7	154.0	154.2	154.4	153.8	153.7	153.6	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	194.1	193.5	
Turnover of demand deposits except interbank and U.S. Govt., annual rates, sec. 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	68.7	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	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			265		
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	269					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	</	

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 ⁹ 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	459	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 ^{do} dol. per \$100 bond	81.8	76.4	78.4	77.0	75.7	78.0	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 ^{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) percent	2.582	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	
By rating:																	
Aaa ^{do}	2.51	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	
Aa ^{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	6.56	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}	2.589	6.77	6.70	6.72	6.78	6.97	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 ^{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 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	
Industrials ^{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	
Public utilities ^{do}	4.34	4.50	4.55	4.55	4.56	4.58	4.58	4.59	4.59	4.59	4.61	4.61	4.62	4.62	4.62	4.62	
Railroads ^{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	
N.Y. banks ^{do}	5.35	5.82	5.89	5.89	6.09	6.14	6.14	6.23	6.23	6.23	6.37	6.37	6.41	6.61	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	9.86	
Price per share, end of mo., composite ^{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	
Industrials ^{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	
Public utilities ^{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 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	
Industrials ^{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	
Public utilities ^{do}	4.26	4.57	4.62	4.60	4.25	4.40	4.30	4.51	4.60	4.62	4.68	4.99	5.07	5.35	5.01		
Railroads ^{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	5.35	5.35	
N.Y. banks ^{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}																	

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	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	5.94	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: ^a																	
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	87.69	87.93	86.60	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	55.60	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	18,180	14,860	12,685	12,392	12,433	-----	
Shares sold millions.....	4,504	5,312	388	479	412	508	515	407	386	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	9,367	-----	
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	672.50	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.....	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.....	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	787.9	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	1,52.3	36.8	92.3	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	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	1,1.4	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	1,19.9	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	64.4	1,47.2	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	1,18.7	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	1,8.6	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	1,1.8	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	1,8.7	4.6	10.0	16.8	19.6	20.6	16.7	16.3	15.1	
Philippines.....	do.....	430.4	426.3	40.5	24.3	32.3	1,20.6	22.9	45.6	41.7	39.3	31.3	30.1	32.1	32.7	30.4	
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.												

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																		
Exports (mdse.), incl. reexports—Continued																		
By leading countries—Continued																		
North and South America—Continued																		
Latin American Republics, total \$ mil. \$																		
Argentina	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			
do	230.1	281.4	30.7	18.6	41.3	35.7	1,11.8	17.8	40.1	34.1	33.0	30.3	32.2	34.4	36.2			
Brazil	547.2	708.6	65.0	40.3	87.0	71.0	1,22.6	26.5	66.3	67.8	62.0	66.9	76.0	58.1	55.6			
Chile	248.1	307.1	32.4	17.7	24.7	29.4	1,9.3	8.8	32.9	28.1	26.9	25.2	29.6	37.4	30.8			
Colombia	217.9	319.1	22.8	26.8	29.7	25.3	1,10.0	10.8	23.0	33.3	32.3	30.7	22.4	27.1	25.6			
Mexico	1,221.6	1,364.6	97.9	118.3	112.5	127.9	1,101.8	102.5	120.7	117.8	120.6	117.2	119.0	116.0	114.6			
Venezuela	587.2	655.0	63.5	53.5	60.7	63.9	1,36.2	39.1	62.0	68.7	73.2	66.5	61.7	65.6	57.7			
Exports of U.S. merchandise, total																		
Excluding military grant-aid	31,142.1	33,199.0	2,955.6	2,734.1	3,158.9	3,056.3	1,207.5	2,146.8	3,372.8	3,516.6	3,550.2	3,122.6	3,003.2	3,174.3	3,142.7			
Agricultural products, total	30,550.3	33,626.0	2,912.4	2,685.6	3,099.0	3,007.2	1,201.8	2,112.4	3,321.5	3,457.6	3,498.6	3,052.4	2,955.5	3,112.5	3,069.4			
Nonagricultural products, total	24,762.3	27,753.7	2,481.1	2,253.9	2,541.0	2,445.3	1,893.8	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	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)	151.3	161.6	15.4	21.6	16.9	10.8	12.2	18.3	17.3	21.7	15.8	15.9	13.8	16.4				
Grains and cereal preparations	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	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	3,279.7	3,540.7	268.8	286.0	352.7	325.4	1,139.1	176.8	298.7	384.4	343.1	262.9	301.0	292.4	274.4			
Cotton, raw, excl. linters and waste	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	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	519.5	1,539.2	51.2	39.4	50.6	38.5	1,25.6	30.3	40.8	61.0	66.9	64.2	71.7	86.3	75.3			
Mineral fuels, lubricants, etc.	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	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	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	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	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	3,391.1	3,939.4	394.1	329.5	368.7	346.7	1,214.9	243.9	409.4	406.2	430.1	375.2	374.8	410.9	395.9			
Textiles	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	561.9	610.2	63.3	55.7	65.1	66.9	34.7	38.1	78.3	81.0	72.5	81.8	85.2	84.5				
Nonferrous base metals	516.8	1,600.8	72.0	55.1	62.4	134.8	36.6	58.8	63.6	57.8	62.2	66.3	68.6					
Machinery and transport equipment, total	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	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	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	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	1,038.1	1,099.1	98.2	88.8	97.2	94.2	57.2	67.6	110.9	117.5	105.8	116.4	106.7	102.4				
Electrical	2,098.2	2,284.0	194.2	199.7	191.9	194.4	165.2	168.7	249.2	238.8					238.3	229.6		
Transport equipment, total	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	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	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	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	100.5	131.7			
General imports, total	26,812.3	133,226.3	2,879.6	2,935.5	2,803.8	3,010.2	1,2025.9	2,401.4	2,993.0	3,344.3	3,236.5	3,216.2	3,153.9	2,909.6	3,131.7			
Seasonally adjusted			2,950.6	2,736.0	2,883.0	2,907.6	1,2018.1	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	906.1	1,120.9	98.8	76.4	83.1	93.8	1,39.7	74.0	100.4	107.3	96.1	80.7	90.1	69.4	82.0			
Asia	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	581.5	693.5	67.1	72.3	65.9	35.6	1,28.9	29.9	88.2	80.6	62.1	66.6	81.7	106.8	79.6			
Europe	8,227.5	10,331.6	884.9	836.7	863.1	917.3	1,443.4	603.2	832.2	1,020.6	1,036.4	977.3	991.9	846.4	873.7			
Northern North America	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	1,967.8	2,234.7	175.0	172.2	171.3	201.8	1,192.1	191.0	226.7	235.2	231.9	218.8	206.0	184.2	183.6			
South America	2,661.1	2,880.2	260.7	229.4	215.2	280.4	1,138.1	193.5	227.9	236.6	208.9	232.6	235.4	212.6	243.9			
By leading countries:																		
Africa:																		
United Arab Republic (Egypt)	14.9	32.8	3.3	2.7	2.7	3.4	1,2.5	2.8	4.4	4.5	2.5	2.5	3.2	1.4	3.6			
Republic of South Africa	225.9	253.1	16.0	17.6	17.6	22.2	1,10.8	14.3	25.9	19.8	24.4	21.3	19.4	17.9	24.3			
Asia: Australia and Oceania:																		
Australia, including New Guinea	411.8	492.0	42.3	50.2	52.9	24.7	1,22.5	24.4	59.5	46.4	43.2	46.9	60.0	83.9	54.6			
India	293.7	312.2	31.1	25.5	27.0	25.2	1,11.0	22.7	46.2	36.8	28.9	27.6	30.7</					

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	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	2,716.1	2,510.6	2,737.2
Food and live animals	do	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	20.5	10.4	14.1	11.9	18.6	15.4	5.5	
Coffee	do	962.7	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	do	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	1,57.8	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	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	26.9	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	99.7	
Manufactured goods	do	6,384.3	8,162.4	672.6	655.1	636.5	667.3	1,398.6	533.1	663.1	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	1,79.5	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	do	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	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	1,066.1	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		p 182
Value	do	178	195	192				203				173		232		p 212
Unit value	do	111	112	113				113				115		115		p 117
General imports:																
Quantity	do	184	226	231				237				200		266		p 241
Value	do	190	235	240				249				211		282		p 258
Unit value	do	103	104	104				105				106		108		p 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	869	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	mil. \$	4,470	5,091	1,359				1,281				1,295		1,460		
Transport, total	do	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									

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	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, sea, 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		872	772								
Operating revenues, total.....mil. \$	660.2	685.7	210.3				164.1		131.1	136.0								
Expenses, total.....do	582.7	604.8	166.4				150.1		129.6	133.9								
Passengers carried (revenue).....mil.	220.6	217.4	60.1				52.5		841.8	739.1								
Class I Railroads																		
Financial operations (qtrly.):																		
Operating revenues, total.....mil. \$	10,377	10,855	2,707				2,781			2,741								
Freight.....do	9,141	9,750	2,419				2,500			2,481								
Passenger.....do	485	444	122				106			103								
Operating expenses.....do	8,211	8,579	2,173				2,196			2,175								
Tax accruals and rents.....do	1,488	1,596	394				401			423								
Net railway operating income.....do	678	680	140				183			142								
Net income (after taxes).....do	4319	568	108				174			98								
Operating results:																		
Ton-miles of freight (net), revenue and nonrevenue (qtrly.).....bil.	731.6	759.1	187.0				192.4			187.4								
Revenue ton-miles.....do	719.4	744.5	183.6				188.0			184.6								
Revenue per ton-mile (qtrly. avg.).....cents	1,269	1,310	1,317				1,330			1,344								
Passengers (revenue) carried 1 mile (qtrly.).....mil.	15,201	13,120	3,696				3,006			2,851								
Travel																		
Hotels:																		
Average sale per occupied room.....dollars	10.59	11.35	11.85	12.31	12.03	10.70	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				
Allens: 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	693	83	67	75	104	122	167	229	229	267	194	137	107	94		
National parks, visits.....do	39,558	42,392	4,176	2,725	1,412	904	788	858	1,277	1,906	2,976	6,176						
Pullman 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 9.....mil. \$	13,847	15,068	3,796				3,938			4,022								
Station revenues.....do	7,090	7,578	1,895				1,960			1,993								
Tolls, messages.....do	5,170	5,693	1,447				1,499			1,538								
Operating expenses (excluding taxes).....do	8,319	9,020	2,275				2,397			2,404								
Net operating income (after taxes).....do	2,488	2,553	643				664			674								
Phones in service, end of period.....mil.	90.2	95.1	93.6				95.1			96.4								
Telegraph carriers:																		
Domestic:																		
Operating revenues.....mil. \$	335.0	358.2	89.3				91.9			93.5								
Operating expenses.....do	291.9	309.5	79.7				77.6			78.2								
Net operating revenues (before income taxes).....mil. \$	24.2	29.6	5.4				10.6			9.7								
International:																		
Operating revenues.....do	132.3	153.4	39.0				41.7			41.3								
Operating expenses.....do	101.4	116.1	29.1				32.3			30.4								
Net operating revenues (before income taxes).....mil. \$	26.2	30.6	8.2				7.4			9.0								

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		
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	154.0	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	383.2	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	13.1	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		

* Revised. > Preliminary. ¹ Number of carriers filing complete reports for the year.

² Preliminary estimate by Association of American Railroads. ³ Data cover 5 weeks; other months, 4 weeks. ⁴ Reflects adjustment for extraordinary items.

⁵ Annual total reflects revisions not distributed to the monthly or quarterly data. ⁶ Effective Aug. 26, 1968, passports are issued for 5 years; no renewals are made.

⁷ 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. ⁸ 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: ^a	mil. lb.	11,556.4	11,651.6	142.5	137.1	139.0	152.9	141.7	140.4	145.2	147.9	147.9	143.5	140.9	144.4	-----
Acetic anhydride	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	-----
Acetylsalicylic acid (aspirin)	do	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	-----
Creosote oil	mil. gal.	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	1138.0	10.7	18.8	11.8	16.0	13.1	13.0	10.5	12.4	10.3	8.0	10.3	10.2	-----
Ethyl acetate (85%)	do	138.9	1162.0	14.5	364.6	330.8	350.5	18.9	11.0	18.9	13.3	15.8	12.7	11.4	-----	-----
Formaldehyde (37% HCHO)	do	3,296.2	14,099.6	332.4	321.1	323.2	356.1	349.9	371.3	355.7	320.4	347.6	-----	-----	-----	-----
Glycerin, refined, all grades:	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
Production	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
Stocks, end of period	do	520.2	580.2	47.5	50.5	49.4	55.6	51.4	46.5	50.3	51.3	51.2	51.3	51.2	51.7	-----
Methanol, synthetic	mil. gal.	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	-----
Phthalic anhydride	mil. lb.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ALCOHOL																
Ethyl alcohol and spirits:	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	-----
Production	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	-----
Stocks, end of period	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	-----
Used for denaturation	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:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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	30.3	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 ^a	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
Nitrogenous materials	do	1,629	2,607	242	347	317	296	27	56	142	162	261	141	210	368	125
Phosphate materials	do	11,025	13,584	1,134	1,332	1,100	1,291	783	771	955	1,334	1,170	1,389	1,091	914	959
Potash materials	do	1,119	1,303	153	160	77	129	107	92	69	109	95	125	81	141	93
Imports:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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% P ₂ O ₅):	do	4,695	4,149	351	368	331	340	360	351	381	395	398	339	277	316	351
Production	thous. sh. tons	726	535	524	525	516	535	572	590	502	369	358	411	406	460	444
Stocks, end of period	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Black blasting powder	mil. lb.	4	4	1	-----	-----	1	-----	1	-----	1	-----	1	-----	(8)	496.6
High explosives	do	1,708.5	1,581.7	428.8	-----	-----	404.6	-----	423.6	-----	492.2	-----	492.2	-----	496.6	-----
Paints, varnish, and lacquer, factory shipments:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Production	thous. lg. tons	18,284	18,817	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:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Thermosetting resins:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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	11,038.4	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:	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cellulose plastic materials	do	1,171.9	1,186.2	16.3	16.6	17.5	15.1	18.4	17.2	17.2	16.5	16.3	14.8	13.0	-----	-----
Cumarone-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 ^a	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	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 fuels	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	-----
By waterpower	do	221,518	222,491	15,706	16,642	17,848	20,250	21,413	21,087	21,519	22,111	23,035	20,957	21,023	20,834	-----
Privately and municipally owned utility	do	986,227	1,083,117	88,087	91,											

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edition of BUSINESS STATISTICS

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

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§	do	242,492	1265,151	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§	do	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	do	4,572	14,540	351	361	372	436	431	401	421	366	360	328	348	348	-----
Residential or domestic	do	331,525	1367,692	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	do	9,863	110,302	842	903	941	997	995	925	905	850	816	794	809	821	-----
Other public authorities	do	29,426	132,162	2,772	2,787	2,696	2,830	2,953	3,048	2,891	2,823	2,859	2,976	3,016	3,073	-----
Interdepartmental	do	3,102	13,640	331	337	335	268	312	303	314	313	350	356	384	386	-----
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												
Residential	do	624	543	539												
Industrial and commercial	do	41	36	35												
Sales to consumers, total §	mil. therms.	1,437	1,461	163												
Residential	do	829	822	63												
Industrial and commercial	do	589	615	98												
Revenue from sales to consumers, total § mil. \$		131.4	128.8	14.8												
Residential	do	84.5	81.2	7.7												
Industrial and commercial	do	45.3	45.7	7.0												
Natural gas:																
Customers, end of period, total §	thous.	39,034	39,894	38,962												
Residential	do	35,836	36,619	35,834												
Industrial and commercial	do	3,152	3,227	3,082												
Sales to consumers, total §	mil. therms.	133,424	144,258	26,950												
Residential	do	42,811	44,546	3,821												
Industrial and commercial	do	85,321	93,350	21,519												
Revenue from sales to consumers, total § mil. \$		8,124.4	8,623.6	1,339.9												
Residential	do	4,294.9	4,450.3	502.2												
Industrial and commercial	do	3,637.9	3,949.3	787.5												

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production	mil. bbl.	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	do	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	do	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	mil. tax gal.	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	mil. tax gal.	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	do	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	mil. proof gal.	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	mil. tax gal.	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	do	97.02	95.27	9.45	11.07	8.76	7.31	7.39	7.44	8.22	8.84	7.86	9.05	9.02	8.38	-----
Stocks, end of period	do	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	mil. proof gal.	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	mil. proof gal.	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	-----
Wines and distilled materials:																
Effervescent wines:																
Production	mil. wine gal.	10.19	12.17	.95	1.07	1.16	1.26	1.13	1.12	1.23	1.17	1.04	1.25	.96	1.40	-----
Taxable withdrawals	do	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	do	4.30	5.25	5.85	5.54	5.38	5.25	5.60	6.10	6.23	6.51	6.51	6.56	6.77	.14	.15
Imports	do	1.92	2.23	.18	.26	.27	.22	.18	.10	.13	.18	.22	.24	.17	.14	-----
Still wines:																
Production	do	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	do	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	do	272.02	268.30	221.09	290.02	286.82	288.30	255.91	242.63	224.83	211.75	197.08	180.78	169.98	158.76	-----
Imports	do	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	do	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)	mil. lb.	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	do	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
Price, wholesale, 92-score (N.Y.)	\$ per lb.	.675	.678	.691	.686	.680	.690	.674	.673	.673	.683	.684	.684	.686	.688	.704
Cheese:																
Production (factory), total	mil. lb.	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	do	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	do	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
American, whole milk	do	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	327.1	*309.0
Imports	do	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)	\$ per lb.	.521	.548	.551	.562	.565	.570	.572	.572	.587						

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.																	
Condensed (sweetened) do	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', case goods, 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	9,150	
Utilization in mfd. dairy products do	58,587	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	5.77	
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	150.9	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														495.1
On farms do	184.6	238.8	291.6														305.3
Off farms do	118.5	123.9	151.1														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	1.08	
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	1.08	
Corn:																	
Production (crop estimate, grain only) mil. bu.	14,760	14,375															4 4,444
Stocks (domestic), end of period, total mil. bu.	4,257	4,204	21,162														
On farms do	3,391	3,247	2,782														2 1,122
Off farms do	866	957	2,380														2 737
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		2 385
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	1.27	1.28	1.19	1.16	1.17	
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	1.22	1.22	1.15			
Oats:																	
Production (crop estimate) mil. bu.	1,789	1,930															4 938
Stocks (domestic), end of period, total do	653	776	928														1,011
On farms do	549	653	773														818
Off farms do	104	123	155														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 ♀	1,89.4	1,105.3															4 90.2
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, Nato, No. 2 (N.O.) \$ per lb.	.085	.087	.081	.083	.083	.085	.085	.085	.085	.085	.085	.084	.084	.084			
Rye:																	
Production (crop estimate) mil. bu.	1,24.2	1,23.2															4 32.0
Stocks (domestic), end of period do	27.8	24.3	31.7														
Price, wholesale, No. 2 (Minneapolis) \$ per bu.	1.19	1.14	1.12	1.17	1.20	1.20	1.21	1.23	1.23	1.24	1.22	1.17	1.06	1.07	1.12		
Wheat:																	
Production (crop estimate), total mil. bu.	1,522	1,570															4 1,456
Spring wheat do	1,316	1,342															4 306
Winter wheat do	1,207	1,229															4 1,150
Distribution do	1,360	1,439	432														
Stocks (domestic), end of period, total do	1,212	1,344	1,678														
On farms do	508	580	732														
Off farms do	704	764	947														
1 Revised. 2 Crop estimate for the year. 3 Old crop only; new crop not reported until beginning of new crop year (July for barley, oats, rye, and wheat; Oct. for corn). 4 Average for 11 months. 5 November 1 estimate of 1969 crop.</td																	

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

GRAIN AND GRAIN PRODUCTS—Con.		FOOD AND KINDRED PRODUCTS; TOBACCO—Continued														
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
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
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
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	47,667	45,888	42,088	46,121	45,631	47,623	46,457	44,119	47,074	49,499
Stocks held by mills, end of period	thous. sacks (100 lb.)	4,372	4,638	4,517	2,026	2,903	2,570	371	609	1,433	2,096	2,387	3,033	2,429	919	1,534
Exports	do.	16,535	23,264	2,229	2,026	2,903	2,570	371	609	1,433	2,096	2,387	3,033	2,429	919	1,534
Prices, wholesale:																
Spring, standard patent (Minneapolis)	\$ per 100 lb.	6,124	5,927	5,913	5,925	5,950	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.	5,631	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.	12,650	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	30.98	33.76	34.20	31.57	30.97	29.85
Steers, stocker and feeder (Kansas City)	do.	24.67	25.89	25.33	25.60	26.01	26.39	26.60	27.22	28.69	30.28	32.40	33.17	29.87	29.20	28.87
Calves, vealers (Natl. Stockyards, Ill.)	do.	32.38	33.83	32.00	31.50	32.50	35.00	37.50	40.50	40.50	40.50	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	2,140	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
Hog, corn price ratio (bu. of corn equal in value to 100 lb. live hog)		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
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.	13,603	12,934	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									
Price, wholesale, lambs, average (Chicago)	\$ per 100 lb.	23.48	26.02	25.25	25.62	26.12	25.00	26.50	27.50	29.25	30.75	32.25	29.75	29.25	26.75	26.00
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
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
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
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	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	943	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	174	203
Exports	do.	56	92	11	14	18	15	14	16	12	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	.609	.608
Fresh joints, 8-14 lb. average (New York)	do.	.515	.500	.539	.484	.481	.484	.531	.507	.476	.495	.572	.614	.631	.609	.608
Lard:																
Production, inspected slaughter	mil. lb.	1,835	1,862	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	76	62	55	
Exports	do.	189	172	16	14	20	12	12	14	29	11	39	15	11	23	22
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	807	949
Stocks, cold storage (frozen), end of period, total	mil. lb.	540	417	492	607	486	417	394	351	297	239	207	200	248	324	531
Turkeys	do.	367	317	386	504	386	317	294	255	201	155	123	119			

Unless otherwise stated, statistics through 1966
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	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○	36	50	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	30	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	.505	.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	4,921	—	—	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	135	345	654	643	478	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	.390	—	—	—	
Confectionery, manufacturers' sales.....	mil. \$	1,645	1,705	194	188	172	139	146	150	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):																		
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○	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○	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	82	118	60	94	102	76	163	85	46	38	69	57	—	
Imports:																		
Raw sugar, total○	thous. sh. tons.	4,584	4,870	444	452	290	431	45	264	371	486	438	538	577	416	328	—	
From the Philippines.....	do	21,134	1,075	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.	.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	17,980	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	.257	.257	.257	.257	.257	.257	.257	—	
FATS, OILS, AND RELATED PRODUCTS																		
Animal and fish fats:△																		
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	—	
Tailor 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	373.2	363.8	382.8	374.3	370.0	—	
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	.9	.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	155.4	122.5	111.2	94.2	123.5	130.9	142.1	126.0	121.6	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	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												

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	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	1,060.8	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	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			
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			
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	530.9	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		
TOBACCO																	
Leaf:																	
Production (crop estimate)	mil. lb.	81,968	81,716														41,799
Stocks, dealers' and manufacturers' end of period	mil. lb.	5,486	5,179	4,937													
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	4,590	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	5,000	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	8,983	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	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	5,951	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	473	694	358	417	349		
Prices, wholesale, f.o.b. shipping point:																	
Calfskins, packer, heavy, 9½/15 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	.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	2,660	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	10								

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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	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	-----
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	5,004	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	641	636	-----
Softwoods.....	do.	4,367	4,172	4,201	4,119	4,096	4,172	4,234	4,294	4,414	4,643	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
Imports, total sawmill products.....	do.	4,987	6,087	526	685	519	524	353	490	724	664	549	554	537	495
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	985	986	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
Sawed timber.....	do.	113	102	6	7	6	6	8	8	4	10	7	10	4	9
Boards, planks, scantlings, etc.....	do.	275	301	23	24	21	27	16	24	18	21	26	22	24	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.		160.99	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	588	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
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	450.3	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	25.3	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
Scrap.....	do.	7,635	6,572	764	539	801	576	282	233	529	754	826	898	797	1,200
Pig iron.....	do.	7	11	1	1	2	1	1	(1)	1	2	1	1	2	(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
Scrap.....	do.	286	327	17	24	19	38	24	25	31	40	37	63	42	29
Pig iron.....	do.	2,631	799	124	99	72	73	8	6	22	41	76	34	40	43
Iron and Steel Scrap															
Production.....	thous. sh. tons.	52,312	2,53,284	3,506	3,905	3,823	3,998	4,471	4,334	4,857	4,798	4,790	4,661	-----	-----
Receipts.....	do.	2,32,654	2,39,228	2,641	3,105	3,044	3,248	3,383	3,534	3,963	3,877	3,779	3,632	-----	-----
Consumption.....	do.	85,361	2,86,766	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.	3	27.51	25.06	23.01	22.74	24.00	23.79	25.83	27.35	26.38	25.33	28.32	29.10	31.82
Pittsburgh district.....	do.	27.00	27.00	25.00	25.00	25.00	26.00	29.00	28.00	27.00	30.00	31.00	30.00	34.00	-----

* Revised. ^a Preliminary. ^b Less than 500 tons. ^c Annual total reflects revisions not distributed to the monthly data. ^d For Feb.-Dec. 1967.

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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	5,297	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	118,982	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	10,342	
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	
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	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	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	127,213	131,462	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	18,660	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	8,969	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	289	222	249	239	286	303	284	293	252	271	279	
Tin mill products	do	6,591	7,267	544	770	334	310	504	497	576	563	575	563	582	567	571	
Sheets and strip (incl. electrical), total	do	32,574	36,624	1,919	2,293	2,443	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	1,233	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	2,1,562	2,1,433	2,1,504
Construction, incl. maintenance	do	11,375	12,195	3,030				2,279			2,720			3,262	2,1,016	2,903	2,858
Contractors' products	do	14,582	14,922	1,171				963			1,142			1,258	2,399	2,409	2,403
Automotive	do	16,488	19,269	3,962				3,642			4,828			4,587	2,1,313	2,1,519	2,1,654
Rail transportation	do	13,225	13,048	593				707			916			943	2,247	2,229	2,245
Machinery, industrial equip., tools	do	14,994	15,469	1,174				1,028			1,401			1,542	2,435	2,448	2,448
Containers, packaging, ship. materials	do	17,255	17,902	1,949				1,493			1,741			1,862	2,63		

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	1967	1968	1966				1969									
	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	

METALS AND MANUFACTURES—Continued

NONFERROUS METALS AND PRODUCTS		1967	1968	1966	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	
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	
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	
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	
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	.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	1,568.3	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	11,204.6	120.5	127.8	122.9	123.9	120.9	118.6	132.9	135.6	128.6	129.3	123.2	125.2	
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	
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	
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	
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	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	
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	
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	
Refined do		159.4	240.7	39.9	25.4	28.1	21.0	13.0	14.6	24.0	19.0	15.7	17.0	16.3	18.5	
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	
Stocks, refined, end of period do		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	
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	
Price, electrolytic (wirebars), dom., delivered \$ per lb.		2.3863	3.4225	.4212	.4211	.4211	.4211	.4399	.4423	.4479	.4495	.4589	.4642	.4645	.4832	.5176
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	-----	-----	239	-----	-----	260	-----		
Lead:△																
Production:																
Mine, recoverable lead thous. sh. tons.		316.9	1359.2	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	
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.		423.4	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.		458.0	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	.1279	.1300	.1300	.1341	.1400	.1400	.1440	.1450	.1486	.1545	.1550	
Tin:△																
Imports (for consumption):																
Ore (tin content) lg. tons.		3,255	3,266	0	0	85	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	
Recovery from scrap, total (tin cont.) do		122,667	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		13,176	12,978	250	245	255	225	225	225	255	235	275	270	250	260	
Consumption, pig, total do		80,638	81,961	6,660	7,510	6,495	6,485	6,920	6,330	6,755	7,250	7,130	6,905	6,435	6,455	
Primary do		57,848	58,859	6,450	5,070	4,555	4,470	4,810	4,585	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	
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	
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	1.6564	
Zinc:△																
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	
Metal (slab, blocks) do		221.4	305.5	14.9	24.4	23.6	31.2	16.7	22.7	28.4	20.8	32.1	25.9	32.8	27.6	
Consumption (recoverable zinc content):																
Ores do		1114.3	1,124.1	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		1,240.9	1,270.6	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																

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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	19.8	6.4	.8	.7	.5	.4	.5	.6	.6	.3	.3	.4	.3	.4		
Nonferrous..... do	84.8	279.2	-----	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.	12,084.5	2,273.2	211.2	217.0	201.0	202.8	179.7	191.7	226.3	197.3	208.0	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	1,028	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: ^f																
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: ^f																
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	421.0	-----	-----	-----	
Wheel (contractors' off-highway)..... do	792.8	-----	19.3	-----	-----	-----	-----	45.1	-----	53.5	-----	-----	-----	-----	-----	
Tractor shovel loaders (integral units only), wheel and tracklaying types..... mil. \$	1,740.7	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	699.7	560.7	551.6	666.4	602.5	515.9	514.6	499.6	562.8	765.0	
Washers, sales (dom. and export): ^f 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 ^o do	21,698	22,566	5,2415	1,950	1,982	8,2449	1,769	1,714	8,2085	1,532	1,534	5,1860	1,239	1,827	5,2,211	1,839
Television sets (incl. combination), prod. ^o do	10,881	11,794	5,1,237	1,156	1,063	8,1,150	960	1,002	8,1,235	865	845	5,1,070	614	877	5,1,167	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. \$	697.6	696.6	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
Exports..... do	595	518	75	48	53	37	17	14	18	39	76	59	194	111	861
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

¹ Revised. 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 1-20 hp.; domestic sales

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	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	28,304	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 ¹ —thous. sh. tons	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	19,201	18,013	17,569	18,699	19,875	20,316	17,480	17,881	-----		
Oven-coke plants—do	10,940	9,537	11,209	9,554	9,537	8,650	8,222	7,422	8,001	8,743	8,822	8,470	6,510	-----			
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	2,930	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	6,988	6,988	7,081	7,343	7,414	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 ² —do	18,187	19,038	1,627	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	121	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	90	92	92	94	94	-----		
All oils, supply, demand, and stocks:																	
New supply, total ³ —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	260.3	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	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 ¹ —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	405.4	-----		
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 ¹ —do	1944.1	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	-----		
Crude petroleum—do	249.0	272.2	262.8	266.3	271.6	272.2	279.5	265.3	279.5	273.2	281.3	284.5	277.7	267.7	-----		
Unfinished oils, natural gasoline, etc.—do	1,96.0	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	.2	.2	.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	.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	.1	.1	.1	.2	-----			
Stocks, end of period—do	7.9	7.0	6.3	6.7	7.0	6.5	6.5	6.6	6.6	5.5	5.5	5.3	5.3	5.3	-----</		

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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	2	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	1.60	1.45	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	1.8	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	-----

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	-----
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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
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Insulated siding:

do	445	411	42	53	28	19	10	13	23	34	34	40	35	40	27
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Saturated felts:

thous. sh. tons	do	876	886	82	89	70	62	64	70	68	73	78	83	76	80
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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	4,671	4,458	4,254	4,092	3,771	3,597	3,770	3,949	3,949	-----

Waste paper:

Consumption	thous. sh. tons	2,9,888	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	2,1,448	1,725	133	151	166	142	157	131	156	124	144	151	127	156	-----
Sulfate	do	223,926	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	2,2,563	2,508	197	214	204	191	188	189	206	189	199	196	181	198	-----

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PULP, PAPER, AND PAPER PRODUCTS—Continued

PAPER AND PAPER PRODUCTS—Con.																	
Selected types of paper (API):																	
Fine paper:																	
Orders, new...thous. sh. tons..	2,645	2,880	232	243	237	210	274	260	269	271	279	264	237	243	243	-----	
Orders, unfilled, end of period...do..	157	216	226	223	226	216	243	244	237	259	280	279	258	250	250	-----	
Production...do..	2,659	2,864	229	260	230	235	264	248	256	258	262	265	285	243	243	-----	
Shipments...do..	2,658	2,831	220	253	223	235	265	247	256	258	263	264	235	243	243	-----	
Printing paper:																	
Orders, new...do..	6,335	6,865	560	635	541	533	594	557	620	585	599	523	541	567	567	-----	
Orders, unfilled, end of period...do..	449	502	528	541	495	502	498	557	520	555	531	551	510	513	513	-----	
Production...do..	6,332	6,737	557	615	552	557	592	551	617	596	586	585	545	578	578	-----	
Shipments...do..	6,332	6,737	557	615	552	557	592	551	617	596	586	585	545	578	578	-----	
Coarse paper:																	
Orders, new...do..	4,678	5,012	437	441	421	392	463	422	467	416	418	434	418	439	439	-----	
Orders, unfilled, end of period...do..	214	264	299	275	282	264	272	282	292	261	253	283	245	269	269	-----	
Production...do..	4,753	4,992	419	425	430	412	443	428	467	418	433	434	380	433	433	-----	
Shipments...do..	4,685	4,931	421	424	422	413	444	423	460	414	422	433	387	427	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..	288	203	362	320	362	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	265	249	265	251	274	262	260	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...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	659	660	628	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..	518	869	895	921	966	869	894	943	1,009	1,042	1,032	1,035	1,048	963	963	1,004	
Production, total (weekly avg.)...do..	339	480	469	512	502	518	509	512	528	509	529	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. surf. 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	135.0	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..	488.55	581.86	49.70	54.57	48.97	46.79	50.41	46.40	50.01	49.29	50.54	49.54	43.80	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	63.30	36.24	43.60	49.58	21.81	49.00	59.78	54.39	48.90	46.66	40.84	55.10	49.49	-----	
Price, wholesale, smoked sheets (N.Y.)...\$ per lb..	.199	.198	.201	.215	.228	.228	.221	.231	.259	.270	.260	.268	.235	.314	.279	.265	-----
Synthetic rubber:																	
Production...thous. lg. tons..	1,311.87	2,131.10	172.89	178.43	180.62	183.03	181.63	174.97	193.14	186.20	191.42	183.78	179.34	182.99	189.30	-----	
Consumption...do..	1,628.20	1,896.15	188.82	179.13	161.03	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	407.01	413.46	420.86	428.41	421.70	-----	
Exports (Bu. of Census)...do..	299.80	291.03	37.76	13.86	18.28	18.77	4.50	7.03	13.55	25.03	23.22	21.60	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	19.56	19.15	21.32	21.02	21.90	20.74	20.80	22.38	17.90	17.88	19.85	-----	
Stocks, end of period...do..	28.40	29.68	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. 163,162	303,052	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	18,906	20,115	16,681	15,678	-----	-----	
Original equipment...do..	17,733	58,365	5,305	5,679	5,899	4,898	5,062	4,551	5,212	4,966	4,744	5,609	2,514	3,428	-----	-----	
Replacement equipment...do..	123,985	137,779	12,514	13,081	9,372	8,743	10,074	9,497	11,645	14,860	13,077	14,847	13,973	12,025	-----	-----	
Export...do..	2,121	3,193	407	264	178	190	87	112	238	219	195	259	194	224	224	-----	
Stocks, end of period...do..	34,782	42,127	38,719	37,920	39,698	42,127	45,124	48,469	50,365	48,131	47,433	45,126	44,317	44,636	-----	-----	
Exports (Bu. of Census)...do..	1,450	2,518	397	245	157	144	53	86	203	191	174	264	147	275	322	-----	
Inner tubes, automotive:																	
Production...do..	39,775	43,701	3,428	4,094	3,474	3,277	3,890	3,584	3,756	3,562	3,402	3,375	3,160	3,092	-----	-----	
Shipments...do..	41,891	43,957	3,658	4,230	3,200	3,031	4,720	3,466	3,602	3,458	4,041	3,929	3,495	-----	-----	-----	
Stocks, end of period...do..	31,005	31,828	1														

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STONE, CLAY, AND GLASS PRODUCTS

PORTLAND CEMENT																	
Shipments, finished cement.....thous. bbl.	374,017	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	603.9	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	r 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	r 174.7	170.7	-----	-----	-----
Facing tile (hollow), glazed and unglazed mil. brick equivalent	240.1	220.6	18.8	21.0	18.2	20.2	17.2	14.9	17.9	17.8	17.7	18.4	r 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	r 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	(6)	21,368	22,870	21,120	19,921	22,370	19,362	23,205	21,056	22,453	22,743	21,527	r 22,362	21,573	-----	-----
Shipments, domestic, total.....do	228,766	(6)	20,034	20,902	18,705	20,795	18,627	17,851	20,801	20,973	21,242	22,246	21,795	r 22,623	22,836	-----	-----
General-use food:																	
Narrow-neck food.....do	23,631	(6)	2,681	2,252	1,575	1,698	1,858	1,737	2,174	1,882	1,876	1,970	2,055	r 2,590	2,816	-----	-----
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars).....thous. gross	57,852	(6)	4,763	5,591	4,983	5,017	4,703	4,311	4,546	4,598	4,580	4,745	4,702	r 5,269	5,332	-----	-----
Beverage.....do	38,185	(6)	3,609	4,190	3,882	5,113	3,454	3,386	4,226	4,665	5,098	5,952	5,400	r 4,841	4,586	-----	-----
Beer bottles.....do	44,501	(6)	4,081	3,373	3,268	3,506	3,617	3,406	4,328	4,586	4,573	4,359	5,114	r 4,927	4,802	-----	-----
Liquor and wine.....do	19,459	(6)	1,637	1,802	1,586	1,673	1,557	1,818	1,743	1,598	1,823	1,594	r 1,668	1,869	-----	-----	-----
Medicinal and toilet.....do	38,516	(6)	2,810	3,189	2,934	3,237	2,996	3,064	3,220	3,075	3,103	2,983	2,556	r 2,902	3,018	-----	-----
Chemical, household and industrial.....do	5,664	(6)	390	440	417	483	380	386	434	379	366	366	330	r 381	365	-----	-----
Dairy products.....do	958	(6)	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	r 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	-----	-----	-----	-----	-----	-----
Calcinated, 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	2,365	-----	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: Production, total.....mil. linear yd.	12,479	12,603	1,009	21,248	998	903	21,270	1,028	1,034	21,229	1,018	1,008	r 2,983	978	-----	-----	-----
Cotton.....do	8,281	7,408	574	2,708	564	509	2,686	577	578	2,603	588	561	r 2,526	552	-----	-----	-----
Manmade fiber.....do	3,981	5,052	419	2,521	419	380	2,562	433	438	2,513	413	r 432	r 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	630	651	669	671	691	-----	-----	-----
Manmade fiber.....do	533	611	580	585	575	611	604	596	596	603	610	652	r 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	r 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																	
thous. bales	7,458	10,948	-----	2,813	658	577	2,806	647	664	2,792	656	644	2,649	r 629	639	-----	-----
Consumption.....do	9,215	8,568	643	2,813	658	577	2,806	647	664	2,792	656	644	2,649	r 629	639	-----	-----
Stocks in the United States, total, end of period thous. bales.....do	14,563	13,010	15,644	14,601	13,854	13,010	12,155	11,458	10,671	9,318	8,303	r 7,469	6,520	r 16,769	15,420	-----	-----
Domestic cotton, total.....do	14,472	12,958	15,590	14,631	13,798	12,958	12,108	11,413	10,630	9,278	8,269	r 7,436	6,489	r 16,736	15,306	-----	-----
On farms and in transit.....do	1,509	1,580	10,264	6,322	3,484	1,580	1,075	964	824	678	538	506	400	11,031	9,619	-----	-----
Public storage and compresses.....do	11,369	9,807	3,819	6,590	8,839	9,807	9,312	8,626	7,934	6,762	5,925	5,203	4,466	r 4,258	4,455	-----	-----
Consuming establishments.....do	1,594	1,571	1,507	1,419	1,475	1,571	1,721	1,823	1,838	1,805	1,728	1,623	r 1,447	1,322	-----	-----	-----
Foreign cotton, total.....do	91	52	55	59	56	52	48	45	41	40	34	33	31	r 33	24	-----	-----

Revised. ¹ Reported annual total; revisions not allocated to the months. ² Data cover 5 weeks; other months, 4 weeks. ³ Ginnings to Dec. 13. ⁴ Ginnings to Jan. 16. ⁵ Crop for the year 1968. ⁶ Data not available owing to lack of complete reports from the industry. ⁷ Nov. 1 estimate of 1969 crop. ⁸ Includes data not shown separately. ⁹ Effective Aug. 1969 SURVEY, data (1964-Apr. 1969) reflect adjustments to new benchmarks; see Bureau of Census reports: Woven Fabrics (1964-68), Series M22A-Supplement and (Jan.-Apr. 1969), M22A (69) 1-4 Supplement.

³Stocks (owned by weaving mills and billed and held for others) exclude bedsheets, toweling, and blankets, and toweling, and blanketing, and billed and held stocks of denims.

⁴Unfilled orders cover wool apparel (including polyester-wool) finished fabrics; production and stocks exclude figures for such finished fabrics. Orders also exclude bedsheets, toweling, and blanketing.

⁵Total ginnings to end of month indicated, except as noted. ⁶ Corrected.

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

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	(6)	1	3	5	6	3	1	1	4	
Price (farm), American upland	cents per lb	125.4	92.1	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	92.4	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	214	93	80	2110	97	91	2115	90	82	283	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	212.5	9.9	8.6	212.2	9.8	10.1	212.1	10.0	9.8	210.2	9.6	9.6	
Average per working day	do	.486	.493	.495	.502	.495	.481	.488	.490	.505	.486	.501	.490	.406	.480	.482	
Consuming 100 percent cotton	do	94.4	85.9	6.5	28.3	6.5	5.6	27.9	6.4	6.6	28.0	6.5	6.4	26.4	6.2	6.2	
Cotton yarn, price, 36/2, combed, knit \$ per lb.																	
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	.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	89.325	91.72	93.31	95.20	98.55	109.27	109.24	107.86	108.08	108.30	106.90	107.28	107.60	107.42	107.46
Blends (65% polyester-35% cotton)	do	761.45	64.40	62.24	60.31	60.51	58.68	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	17.5	17.5	17.8	17.8	17.8	18.8	18.5	18.5	19.0	19.0	19.0	19.0	19.0	19.0	
Sheeting, class B, 40-inch, 48 x 44-48 do	-----	418.4	18.6	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.8	18.8	
MANMADE FIBERS AND MANUFACTURES																	
Fiber production, qtrly. total	mil. lb.	3,980.6	5,134.5	1,300.9	-----	-----	1,393.5	-----	-----	1,364.3	-----	-----	-----	1,377.6	-----	-----	
Filament yarn (rayon and acetate)	do	734.7	805.2	204.7	-----	-----	218.9	-----	-----	203.4	-----	-----	-----	191.3	-----	-----	
Staple, incl. tow (rayon)	do	603.4	739.1	180.4	-----	-----	198.7	-----	-----	190.4	-----	-----	-----	191.8	-----	-----	
Noncellulosic, except textile glass:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
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.	588,831	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	11,378	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	549,672	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:	-----	-----	-----	-----	-----	-----	-----	59.4	59.0	67.0	67.0	68.8	68.8	64.5	64.5	64.5	
Filament yarn (rayon and acetate)	mil. lb.	51.7	59.4	49.1	-----	-----	59.4	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
Staple, incl. tow (rayon)	do	43.8	59.0	52.4	-----	-----	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
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	-----	-----	-----	-----	-----	-----	
Chiffey rayon and/or acetate fabrics	do	754.0	771.7	178.8	-----	-----	197.8	-----	-----	199.8	-----	-----	-----	-----	-----	-----	
Chiffey nylon fabrics	do	5324.2	89.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Spun yarn (100%) fab., exc. blanketeting	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	-----	182.6	-----	182.6	-----	182.6	-----	182.6	
Polyester blends with cotton	do	1,195.6	1,756.7	436.7	-----	470.7	-----	503.8	-----	503.8	-----	503.8	-----	503.8	-----	503.8	
Filament and spun yarn fabrics (combinations and mixtures)	mil. lin. yd.	427.9	469.5	110.2	-----	121.1	-----	130.3	-----	130.3	-----	130.3	-----	130.3	-----	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	22.5	18.9	18.2	21.8	16.9	14.1	
Carpet class	do	83.9	91.4	7.1	2.8	7.1	6.7	2.9	7.5	6.9	2.8	7.3	7.6	2.7	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				

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	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	4,441	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	19,089	19,960		
Suits	do	7,983	8,152	532	622	514	492	648	592	536	319	360	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	8,548	7,845	645	773	545	385	602	601	739	662	576	598	830	646		
TRANSPORTATION EQUIPMENT																	
AEROSPACE VEHICLES																	
Orders, new (net), qtrly. total	mil. \$	26,900	127,168	7,149				6,044			6,450			4,404			
U.S. Government	do	18,538	116,577	5,577				3,479			4,370			2,462			
Prime contract	do	24,423	124,875	6,509				5,207			5,566			3,756			
Sales (net), receipts, or billings, qtrly. total	do	23,444	25,592	6,257				6,793			6,047			6,333			
U.S. Government	do	16,334	16,635	3,991				4,499			3,941			4,284			
Backlog of orders, end of period	do	30,936	130,749	31,497				30,749			31,346			29,417			
U.S. Government	do	17,950	116,343	17,330				16,343			16,788			14,965			
Aircraft (complete) and parts	do	16,401	116,608	17,389				16,808			17,303			16,342			
Engines (aircraft) and parts	do	4,252	1,951	3,824				3,951			4,146			4,192			
Missiles, space vehicle systems, engines, propulsion units, and parts	mil. \$	5,704	15,083	5,164				5,083			4,772			4,052			
Other related operations (conversions, modifications), products, services	mil. \$	2,810	12,834	2,917				2,834			3,029			2,941			
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	5,782	6,859	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	53.5	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	882.2	983.3	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	2850.5
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	2198.0
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	29.46	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	7.45		
Imports:																	
Passenger cars (new), complete units	do	1,020.62	31,620.45	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	51.67	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	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	497.3	657.6	607.5	681.2	876.0	839.1	841.0	815.3	718.8	733.4	
Foreign cars	do	37,779.2	39,985.8	94.7	103.8	84.2	49.7	63.4	53.4	58.1	98.3	107.9	91.7	90.2	95.6	95.1	
Trucks (commercial cars)	do	31,518.4	31,775.6	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	766	796	1,218	1,159	1,557	1,091	1,450	2,002		
New orders	do	53,703	33,561	4,321	9,793	9,630	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	34,391	4,221	6,775	7,830	7,039	4,325	3,136	5,167	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	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					

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