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5

SURVEY OF CURRENT BUSINESS



SURVEY OF CURRENT BUSINESS

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the BUSINESS SITUATION

THE pace of business activity in April was little changed from the average rate of the first quarter, according to the preliminary broad economic measures now available. On an overall basis, economic activity still appears to be heavily influenced by the attempt of business firms to adjust their relatively high inventories. During the first 3 months of the year, accumulation was sharply curtailed by manufacturers while liquidation occurred at retail. However, strongly rising demands from government as well as some improvement in demand for autos and housing have been important counterweights to reductions in inventory investment.

Personal income in April showed its smallest advance in over a year as a reduction in manufacturing wage and salary payments—partly resulting from another cutback in manufacturing employment—about offset payroll gains in other private industries. Despite a marked rise in auto output, the index of industrial production edged down in April. After increasing from February to March, seasonally adjusted retail sales showed little change in April, according to the advance report; it must be kept in mind that the advance report is subject to revision when more comprehensive data become available.

Revised first quarter GNP

The latest estimates confirm the slowdown in the Nation's output of goods and services in the opening quarter of 1967. GNP reached a seasonally adjusted annual rate of \$763½ billion in the first quarter, an increase of \$4½

billion or ½ of 1 percent over the fourth quarter of 1966. After adjustment for price change, GNP declined fractionally. The revised estimates are slightly lower than last month's preliminary figures. The estimate of personal consumption expenditures was revised downward from last month's preliminary figure because of the incorporation of later data on retail sales for February and March. This was largely counteracted

by higher estimates of Federal defense purchases and net exports.

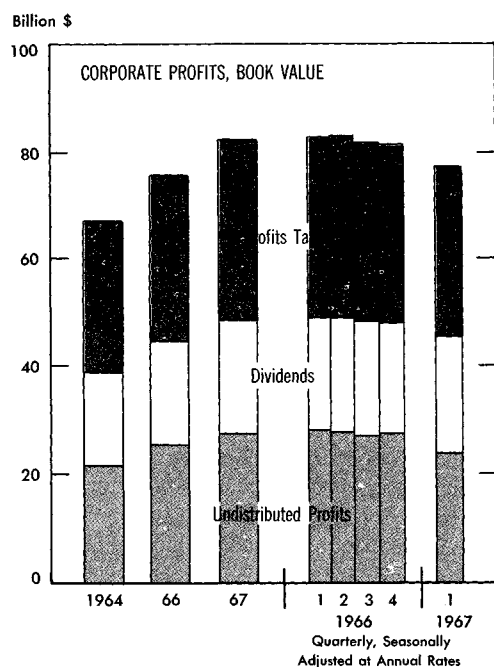
The relatively small gain in current dollar GNP in the first quarter came about as inventory investment fell \$10½ billion (seasonally adjusted at an annual rate) and offset most of a sharp \$15½ billion rise in final sales. Government purchases continued to be the most buoyant factor in the economy, with a gain of \$8 billion, consisting of increases of \$5½ billion in Federal purchases and \$2½ billion in State and local. Consumer spending rose \$5½ billion, despite a \$2 billion decline in auto buying. Net exports increased \$1¼ billion following a series of small declines since mid-1965. Both residential and nonresidential fixed investment were unchanged.

Corporate profits off

Reflecting the sluggish performance of the economy in the first quarter, corporate profits before taxes (as measured in the national income and product accounts) declined \$5 billion from the fourth quarter to a seasonally adjusted annual rate of \$76½ billion, according to preliminary estimates. The first quarter drop in profits was widely spread industrially. The bulk of it, over \$4 billion, occurred in manufacturing and was concentrated in durable goods industries. Manufacturers of motor vehicles and parts had a reduction in profits of almost \$2 billion at an annual rate. Profits in retail trade and transportation were also down substantially; earnings in most other industries were off by small amounts.

CHART 1

CORPORATE PROFITS below last year's pace in the first quarter



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

67-5-1

First quarter book profits (which include gains or losses due to the difference between the replacement cost of goods taken out of inventory and their recorded acquisition cost) declined \$4½ billion to an annual rate of \$77¼ billion. In line with before-tax profits, corporate profits tax liabilities were off \$1¼ billion at annual rates, after an allowance for the anticipated restoration of the investment tax credit.

Corporations increased their dividend payments in the first quarter by almost \$1 billion to a seasonally adjusted annual rate of \$21½ billion. Retained

earnings of corporations declined by \$3½ billion to \$23¼ billion. This reduced corporate internal funds (undistributed profits plus capital consumption allowances) to an annual rate of \$64 billion, as compared with \$67 billion in the preceding quarter.

Small gain in personal income

Personal income rose about \$1½ billion in April to reach a seasonally adjusted annual rate of \$614 billion. Government payrolls and property incomes continued to advance about in line with increases in the preceding 2 months, but private payrolls and proprietors' incomes were virtually unchanged from March, and transfer payments were reduced.

On account of the slowdown that has taken place in industrial activity this year, manufacturing payrolls have leveled off. Employment cutbacks in manufacturing and reductions in average weekly hours of work have offset increases in pay rates. Manufacturing payrolls dipped slightly in April and were no higher than the average of the two most recent quarters. However, other private payrolls rose further last month, and the increase in government payrolls of \$0.7 billion about equaled the average monthly gain of the first quarter. Transfer payments declined \$0.4 billion (at an annual rate) in April as the bulk of the GI insurance dividend payments for 1967 were completed in March. This was the first drop in transfers since last May.

Employment in nonfarm establishments rose by about 100,000 persons from March to April on a seasonally adjusted basis. Construction employment did not show its full seasonal advance for the month, and manufacturing employment declined sharply, but employment gains continued in the service industries and government.

The April reduction in manufacturing employment, which totaled more than 115,000 workers and which brought the drop from January to April to 234,000, was centered in the durable goods sector. The average fac-

tory workweek was also pared further during April in all major durable goods industries with the significant exception of transportation equipment. Despite the sizable reductions in manufacturing employment this spring, the overall rate of unemployment has remained at about 3.7 percent of the civilian labor force. The persistence of this low rate of unemployment has been in part due to some reduction in the civilian labor force.

Industrial production declines

The inventory adjustment that has been underway since early this year has been the major factor depressing industrial output. Industrial production dropped rather sharply in January and February, held steady in March and, according to preliminary data, declined slightly in April. The seasonally adjusted index for April, at 155.9 percent of the 1957-59 average, was 2 percent below the December high and 1.3 percent above April 1966. Decreases in output from March to April were widespread among most durable and non-durable industries; a major exception was the motor vehicle industry.

Spurred by the recent improvement in new car sales, auto producers stepped up the output of passenger cars this spring. April assemblies of 660,000 units, about in line with planned schedules for the month, were 10 percent above March, which in turn were nearly 15 percent above the February low point, after seasonal adjustment. Production schedules for May indicate little change from the seasonally adjusted April rate.

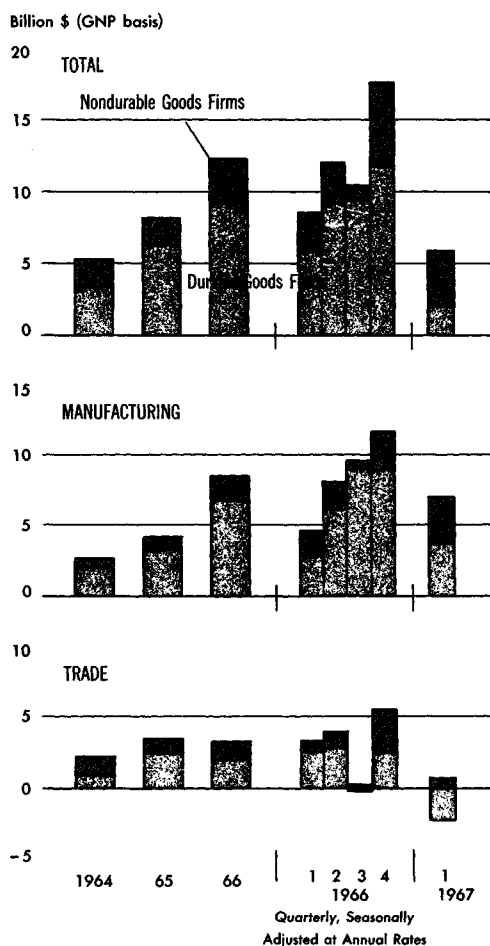
The output of building materials has been running counter to the trend of overall industrial production, reflecting mainly the recovery in housing starts that began last winter. The seasonally adjusted index of construction materials output rose in each month of the first quarter and is now 1½ percent above its December low.

The improvement in activity in the automotive and construction industries, large users of finished steel, has not been reflected in steel mill operations. Raw

CHART 2

Change in Nonfarm Business Inventories

Inventory investment fell sharply in first quarter as . . .
Manufacturers added stocks at slower rate and . . .
Trade firms reduced stocks



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

67-5-2

steel output in April, seasonally adjusted, was somewhat lower than in March. Production of raw steel has been drifting downward since last July, with the decline since then amounting to nearly 15 percent. It is noteworthy, however, that since January the month-to-month reductions in output have been at a much slower rate than in the earlier period of the decline.

Further recovery in auto sales

Although total retail sales have shown little improvement since late winter, sales of new passenger cars, which picked up a little from February to March, expanded more sharply in April and early May. The seasonally adjusted annual rate of dealer deliveries of domestically produced cars increased to 7.9 million units in April from 7.0 million in March and 6.8 million in February, the recent low. The April rate of new car sales was the highest since last December and compares with an average of 7.2 million cars in this year's first quarter and 8.2 million in the fourth quarter of 1966.

Inventories of unsold new cars in dealers' hands declined in April for the fifth straight month. Stocks at the end of the month totaled 1.3 million cars, seasonally adjusted, and were equivalent to about 2 months of sales at the April rate, as compared with 2.2 in April 1966.

Industrial prices unchanged

Wholesale prices of industrial commodities, based on revised March and preliminary April data, showed no change from February through April,

while prices of farm products and processed foods declined further. As a result, the overall index of wholesale prices has continued to trend lower; the April index eased to 105.3 percent of the 1957-59 average, down 1.4 percent from last summer's peak and slightly below the April 1966 index of 105.5.

The stability of the overall industrial price index since February has resulted from offsetting price movements for a variety of industrial products. Cost

pressures, especially from the labor component, have continued strong this spring, but slackened demand for some key commodities and keen competition have been deterrents to price rises. Machinery prices have continued to move up, but the rate of advance has slowed noticeably from last year's fast pace; metals prices have eased since February, reflecting declines in copper scrap, copper and brass mill products, and primary zinc.

Errata to February 1967 SURVEY Tables on Fixed Business Capital in the United States

Pages 21 and 22, the column captions should be corrected:

"Local transit," which appears twice on page 21 and twice on page 22, should be changed to: "Railroads, local transit, and pipelines"

Page 22, table 2, "Mean age of gross stock for selected years:"

The corrected figures for two of the selected types of structures are as follows:

Year	Constant cost 1		Constant cost 2	
	Commercial and miscellaneous	Railroads, local transit, and pipelines	Commercial and miscellaneous	Railroads, local transit, and pipelines
1925.....	15.3	24.1	14.8	24.1
1935.....	16.9	27.8	16.0	27.9
1945.....	20.8	31.1	20.2	31.3
1955.....	18.3	32.0	17.7	32.5
1960.....	15.3	31.8	14.7	32.3
1965.....	13.2	31.5	12.4	31.8

Page 24, table 3, "Mean age of gross stocks for selected years:"

The corrected figures for four of the equipment types are as follows:

Year	Tractors	Construction machinery	Mining and oilfield machinery	Office, computing and accounting machinery
1925.....	4.5	3.6	4.2	4.4
1935.....	8.5	5.6	5.2	4.8
1945.....	6.7	3.1	3.9	3.6
1955.....	4.9	4.0	4.5	3.5
1960.....	5.8	3.6	4.5	3.2
1965.....	5.2	3.2	4.3	3.1

NATIONAL INCOME AND PRODUCT TABLES

	1964	1965	1966	1965	1966				1967	1964	1965	1966	1965	1966				1967				
				IV	I	II	III	IV	I				IV	I	II	III	IV	I				
				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.....	631.7	681.2	739.6	704.4	721.2	732.3	745.3	759.3	763.7	580.0	614.4	647.8	631.2	640.5	643.5	649.9	657.2	656.7
Personal consumption expenditures.....	401.4	431.5	464.9	445.2	455.6	460.1	469.9	474.1	479.9	373.8	396.2	415.5	406.5	412.8	412.2	418.3	418.5	422.0
Durable goods.....	59.4	66.1	69.3	68.0	70.3	67.1	70.2	69.6	68.4	59.1	66.4	70.7	69.2	72.2	68.5	71.6	70.6	69.6
Nondurable goods.....	178.9	190.6	206.2	197.0	201.9	205.6	208.1	209.2	212.5	170.5	178.2	186.0	182.5	184.1	185.8	187.1	187.1	190.1
Services.....	163.1	174.8	189.4	180.2	183.4	187.4	191.5	195.3	199.1	144.2	151.6	158.7	154.8	156.5	157.9	159.6	160.8	162.3
Gross private domestic investment.....	93.0	106.6	117.0	111.9	114.5	118.5	115.0	120.0	109.3	86.5	97.8	104.7	102.2	103.5	106.3	102.5	106.4	95.7
Fixed investment.....	88.3	97.5	105.1	101.5	105.6	106.2	105.1	103.5	103.7	81.9	89.0	93.6	91.9	95.0	94.7	93.5	91.2	90.5
Nonresidential.....	60.7	69.7	79.3	73.9	77.0	78.2	80.3	81.6	81.6	57.4	64.9	72.1	68.4	70.8	71.3	73.0	73.3	72.6
Structures.....	21.0	24.9	27.8	26.8	28.5	27.9	27.7	27.3	28.7	18.9	21.7	23.4	23.2	24.3	23.6	23.2	22.7	23.7
Producers' durable equipment.....	39.7	44.8	51.4	47.1	48.5	50.3	52.6	54.4	52.9	38.5	43.2	48.7	45.2	46.4	47.7	49.8	50.7	48.9
Residential structures.....	27.6	27.8	25.8	27.6	28.6	28.0	24.8	21.9	22.1	24.6	24.1	21.5	23.5	24.3	23.4	20.5	17.9	17.9
Nonfarm.....	27.0	27.2	25.3	27.0	28.0	27.4	24.3	21.3	21.5	24.0	23.6	21.0	23.0	23.8	22.9	20.0	17.4	17.4
Farm.....	.6	.6	.6	.5	.5	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5
Change in business inventories.....	4.7	9.1	11.9	10.4	8.9	12.3	9.9	16.4	5.6	4.6	8.8	11.1	10.2	8.5	11.6	9.1	15.2	5.2
Nonfarm.....	5.3	8.1	12.2	9.0	8.5	12.1	10.4	17.6	6.0	5.2	8.0	11.4	8.9	8.0	11.4	9.6	16.4	5.6
Farm.....	-.6	.9	-.3	1.4	.5	.2	-.5	-1.2	-.4	-.6	.9	-.3	1.3	.4	.2	-.5	-1.2	-.4
Net exports of goods and services.....	8.5	7.0	4.8	6.1	6.0	4.7	4.2	4.1	5.4	8.5	6.3	4.7	6.0	5.9	4.6	4.2	4.1	5.3
Exports.....	37.0	39.0	42.7	40.3	41.7	41.9	43.4	43.6	45.6	36.4	37.3	41.1	38.7	40.1	40.3	41.8	42.0	43.9
Imports.....	28.5	32.0	37.9	34.2	35.6	37.3	39.2	39.5	40.2	28.0	31.0	36.4	32.8	34.2	35.8	37.6	37.9	38.6
Government purchases of goods and services.....	128.9	136.2	153.0	141.2	145.0	149.0	156.2	161.1	169.1	111.3	114.1	123.2	116.6	118.3	120.4	124.9	128.3	133.6
Federal.....	65.2	66.8	76.9	69.8	71.9	74.0	79.0	81.7	87.0	57.8	57.8	64.0	59.3	60.4	61.9	65.5	67.6	71.6
National defense.....	50.0	50.1	60.0	52.5	54.6	57.1	62.0	65.5	69.7	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	15.2	16.7	16.9	17.3	17.4	16.9	17.0	16.2	17.2	-----	-----	-----	-----	-----	-----	-----	-----	-----
State and local.....	63.7	69.4	76.2	71.4	73.1	75.0	77.2	79.4	82.1	53.4	56.3	59.1	57.3	57.9	58.5	59.4	60.7	62.0
Addendum: Implicit price deflator for seasonally adjusted GNP, 1958=100.....	108.9	110.9	114.2	111.6	112.6	113.8	114.7	115.5	116.3	-----	-----	-----	-----	-----	-----	-----	-----	-----

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

Gross national product.....	631.7	681.2	739.6	704.4	721.2	732.3	745.3	759.3	763.7	580.0	614.4	647.8	631.2	640.5	643.5	649.9	657.2	656.7
Final sales.....	627.0	672.1	727.7	694.0	712.3	720.0	735.4	742.9	758.1	575.4	605.6	636.7	621.0	632.0	631.9	640.8	642.0	651.5
Change in business inventories.....	4.7	9.1	11.9	10.4	8.9	12.3	9.9	16.4	5.6	4.6	8.8	11.1	10.2	8.5	11.6	9.1	15.2	5.2
Goods output.....	318.2	344.7	377.2	358.8	366.0	371.6	379.6	390.7	385.1	307.2	328.5	351.5	341.0	344.7	346.7	352.8	360.9	355.2
Final sales.....	313.6	335.7	365.3	348.4	357.0	359.3	369.7	374.2	379.5	302.6	319.7	340.4	330.7	336.2	335.1	343.7	345.7	350.0
Change in business inventories.....	4.7	9.1	11.9	10.4	8.9	12.3	9.9	16.4	5.6	4.6	8.8	11.1	10.2	8.5	11.6	9.1	15.2	5.2
Durable goods.....	125.5	138.5	154.9	142.6	147.6	149.6	158.1	163.6	153.4	123.1	135.5	150.8	140.3	145.4	146.0	153.7	157.4	147.5
Final sales.....	122.2	132.2	145.9	137.9	141.8	140.6	148.7	151.7	151.4	119.9	129.4	142.4	135.7	139.9	137.6	145.1	146.5	145.8
Change in business inventories.....	3.3	6.3	9.0	4.7	5.8	9.0	9.5	11.9	1.9	3.2	6.1	8.4	4.7	5.5	8.4	8.7	10.9	1.7
Nondurable goods.....	192.7	206.3	222.4	216.2	218.4	222.0	221.4	227.1	231.7	184.1	193.0	200.8	200.6	199.4	200.8	199.0	203.5	207.7
Final sales.....	191.3	203.5	219.5	210.5	215.2	218.7	221.0	222.5	228.1	182.7	190.3	198.0	195.1	196.3	197.6	198.6	199.2	204.2
Change in business inventories.....	1.4	2.7	2.9	5.7	3.1	3.3	.5	4.6	3.7	1.4	2.7	2.7	5.6	3.0	3.2	.4	4.3	3.6
Services.....	244.5	262.0	285.9	268.8	275.5	282.1	289.9	296.2	304.2	211.2	221.1	232.4	224.0	227.7	230.9	234.4	236.6	240.5
Structures.....	68.9	74.5	76.6	76.9	79.8	78.6	75.8	72.5	74.5	61.7	64.8	64.1	66.2	68.0	66.0	62.8	59.8	61.0
Addendum: Gross auto product.....	25.8	31.4	29.4	30.5	31.5	28.6	27.9	29.4	24.9	25.4	31.4	29.9	30.7	32.2	29.1	28.5	29.7	25.5

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

Gross national product.....	631.7	681.2	739.6	704.4	721.2	732.3	745.3	759.3	763.7	580.0	614.4	647.8	631.2	640.5	643.5	649.9	657.2	656.7
Private.....	568.7	613.4	663.4	633.8	648.4	657.6	667.7	679.4	681.2	530.8	563.5	593.6	579.4	588.0	589.9	595.1	601.5	599.9
Business.....	547.4	590.8	639.5	611.2	624.9	634.0	643.5	655.3	656.5	513.3	545.4	574.9	561.6	569.4	571.4	576.2	582.8	580.8
Nonfarm.....	527.0	567.1	614.7	586.6	599.3	609.0	619.1	631.0	632.5	491.2	521.7	552.3	537.5	546.4	548.4	554.5	560.1	556.7
Farm.....	20.4	23.8	24.8	24.7	25.7	25.0	24.4	24.3	24.0	22.0	23.8	22.6	24.1	23.0	22.9	21.7	22.8	24.1
Households and institutions.....	17.3	18.3	19.5	19.1	19.1	19.1	19.7	20.0	20.4	13.6	14.0	14.4	14.5	14.3	14.2	14.5	14.6	14.8
Rest of the world.....	4.0	4.3	4.4	3.4	4.4	4.5	4.6	4.1	4.4	3.9	4.1	4.3	3.3	4.3	4.3	4.4	4.0	4.3
General government.....	63.0	67.8	76.2	70.6	72.8	74.7	77.6	79.9	82.5	49.2	50.9	54.2	51.8	52.5	53.6	54.8	55.8	56.8

	1964	1965	1966	1965	1966				1967
				IV	I	II	III	IV	I
	Seasonally adjusted at annual rates								
	Billions of dollars								

Table 9.—Personal Income and Its Disposition (2.1)

Personal income.....	496.0	535.1	580.4	552.8	564.6	573.5	585.2	598.3	609.7
Wage and salary disbursements.....	333.6	358.4	392.3	370.8	380.0	387.4	396.7	405.0	411.8
Commodity-producing industries.....	134.0	144.3	158.2	148.9	153.8	157.0	159.6	162.3	163.4
Manufacturing.....	107.2	115.5	127.2	119.2	123.0	126.0	128.6	131.2	131.6
Distributive industries.....	81.2	86.7	93.2	89.1	90.8	92.1	93.9	95.8	97.8
Service industries.....	54.1	58.1	63.5	60.5	61.3	62.5	64.4	65.8	67.2
Government.....	64.3	69.2	77.4	72.3	74.1	75.9	78.8	81.0	83.4
Other labor income.....	16.6	18.5	20.8	19.4	20.0	20.6	21.1	21.7	22.5
Proprietors' income.....	51.9	55.7	57.8	57.1	58.4	57.9	57.3	57.5	57.0
Business and professional.....	39.9	40.7	41.8	41.1	41.4	41.6	41.9	42.3	42.2
Farm.....	12.0	15.1	16.0	16.0	17.0	16.3	15.4	15.2	14.8
Rental income of persons.....	17.7	18.3	18.9	18.5	18.7	18.8	18.9	19.1	19.3
Dividends.....	17.3	18.2	20.9	20.2	20.9	21.1	21.1	20.7	21.5
Personal interest income.....	34.6	38.4	42.8	39.7	41.0	42.1	43.2	44.8	46.0
Transfer payments.....	36.8	39.7	44.6	40.5	42.6	42.8	44.9	48.0	51.2
Old-age and survivors insurance benefits.....	16.0	18.1	21.0	18.6	19.5	19.7	21.2	23.5	24.6
State unemployment insurance benefits.....	2.6	2.2	1.8	2.0	2.0	1.6	1.8	1.8	2.1
Veterans benefits.....	5.3	5.6	6.1	5.8	5.9	6.0	6.1	6.3	6.5
Other.....	12.9	13.8	15.7	14.1	15.2	15.4	15.8	16.4	18.0
Less: Personal contributions for social insurance.....	12.5	13.2	17.6	13.5	16.9	17.1	18.1	18.4	19.8
Less: Personal tax and nontax payments.....	59.4	66.0	75.1	66.7	69.5	73.6	77.4	79.8	81.1
Equals: Disposable personal income.....	436.6	469.1	505.3	486.1	495.1	499.9	507.8	518.4	528.5
Less: Personal outlays.....	412.1	443.4	478.3	457.6	468.4	473.3	483.3	488.0	494.1
Personal consumption expenditures.....	401.4	431.5	464.9	445.2	455.6	460.1	469.9	474.1	479.9
Interest paid by consumers.....	10.1	11.3	12.7	11.8	12.1	12.5	12.8	13.2	13.6
Personal transfer payments to foreigners.....	.6	.6	.6	.6	.6	.7	.7	.6	.6
Equals: Personal saving.....	24.5	25.7	27.0	28.5	26.7	26.6	24.5	30.4	34.4
Addendum: Disposable personal income in constant (1958) dollars.....	406.5	430.8	451.6	443.9	448.4	447.9	452.2	457.6	464.9

Table 10.—Personal Consumption Expenditures by Major Type (2.3)

Personal consumption expenditures.....	401.4	431.5	464.9	445.2	455.6	460.1	469.9	474.1	479.9
Durable goods.....	59.4	66.1	69.3	68.0	70.3	67.1	70.2	69.6	68.4
Automobiles and parts.....	25.8	29.8	30.0	29.9	31.4	28.5	30.1	29.8	27.9
Furniture and household equipment.....	25.1	27.1	30.1	28.8	29.6	29.2	30.7	30.7	31.1
Other.....	8.5	9.1	9.3	9.3	9.3	9.3	9.4	9.2	9.4
Nondurable goods.....	178.9	190.6	206.2	197.0	201.9	205.6	208.1	209.2	212.5
Food and beverages.....	92.8	98.4	104.8	101.6	103.3	104.8	105.5	105.4	106.9
Clothing and shoes.....	33.6	35.9	40.3	37.5	39.4	39.7	41.1	40.8	41.6
Gasoline and oil.....	14.1	15.1	16.1	15.7	15.8	16.1	16.1	16.6	17.0
Other.....	38.4	41.1	45.0	42.3	43.3	45.0	45.4	46.4	47.1
Services.....	163.1	174.8	189.4	180.2	183.4	187.4	191.5	195.3	199.1
Housing.....	59.2	63.2	67.7	64.7	66.0	67.1	68.2	69.5	70.6
Household operation.....	24.3	25.6	27.2	26.3	26.5	27.1	27.6	27.7	27.8
Transportation.....	11.8	12.8	14.0	13.4	13.5	13.9	14.2	14.5	14.9
Other.....	67.8	73.3	80.5	75.8	77.5	79.4	81.5	83.5	85.8

Table 11.—Foreign Transactions in the National Income and Product Accounts (4.1)

Receipts from foreigners.....	37.0	39.0	42.7	40.3	41.7	41.9	43.4	43.6	45.6
Exports of goods and services.....	37.0	39.0	42.7	40.3	41.7	41.9	43.4	43.6	45.6
Payments to foreigners.....	37.0	39.0	42.7	40.3	41.7	41.9	43.4	43.6	45.6
Imports of goods and services.....	28.5	32.0	37.9	34.2	35.6	37.3	39.2	39.5	40.2
Transfers to foreigners.....	2.8	2.8	2.9	2.5	3.4	2.9	3.1	2.6	2.9
Personal.....	.6	.6	.6	.6	.6	.7	.7	.6	.6
Government.....	2.2	2.2	2.3	1.9	2.8	2.2	2.4	2.0	2.3
Net foreign investment.....	5.7	4.2	1.8	3.5	2.6	1.8	1.1	1.5	2.5

	1964	1965	1966	1965	1966				1967
				IV	I	II	III	IV	I*
	Seasonally adjusted at annual rates								
	Billions of dollars								

Table 12.—Federal Government Receipts and Expenditures (3.1, 3.2)

Federal Government receipts.....	115.1	124.9	142.5	126.9	136.0	141.0	145.3	147.9	149.2
Personal tax and nontax receipts.....	48.6	54.2	61.9	54.7	57.1	60.7	63.9	65.7	66.6
Corporate profits tax accruals.....	26.5	29.1	31.7	30.3	31.9	31.9	31.6	31.4	29.9
Indirect business tax and nontax accruals.....	16.2	16.8	15.9	16.7	15.2	16.1	16.2	16.4	16.3
Contributions for social insurance.....	23.9	24.8	33.0	25.2	31.7	32.2	33.6	34.3	36.4
Federal Government expenditures.....	118.1	123.4	142.2	127.0	133.7	137.1	145.8	151.5	159.5
Purchases of goods and services.....	65.2	66.8	76.9	69.8	71.9	74.0	79.0	81.7	87.0
National defense.....	50.0	50.1	60.0	52.5	54.6	57.1	62.0	65.5	69.7
Other.....	15.2	16.7	16.9	17.3	17.4	16.9	17.0	16.2	17.2
Transfer payments.....	29.9	32.4	36.5	32.8	35.4	34.8	36.9	39.1	42.3
To persons.....	27.8	30.3	34.2	30.8	32.6	32.6	34.5	37.2	40.0
To foreigners (net).....	2.2	2.2	2.3	1.9	2.8	2.2	2.4	2.0	2.3
Grants-in-aid to State and local governments.....	10.4	11.2	14.5	11.6	13.0	14.6	15.3	15.0	15.0
Net interest paid.....	8.3	8.7	9.6	8.8	9.3	9.5	9.7	10.0	10.2
Subsidies less current surplus of government enterprises.....	4.2	4.2	4.7	4.1	4.1	4.2	4.8	5.6	5.1
Surplus or deficit (—), national income and product accounts.....	—3.0	1.6	.3	—2.2	2.3	3.8	—1.5	—3.6	—10.3

Table 13.—State and Local Government Receipts and Expenditures (3.3, 3.4)

State and local government receipts.....	69.6	75.3	84.3	77.3	80.1	83.2	85.9	88.0	89.2
Personal tax and nontax receipts.....	10.8	11.8	13.2	12.1	12.4	12.9	13.5	14.1	14.6
Corporate profits tax accruals.....	1.9	2.0	2.2	2.1	2.2	2.2	2.2	2.2	2.1
Indirect business tax and nontax accruals.....	42.3	45.8	49.5	47.0	47.8	48.7	50.0	51.6	52.4
Contributions for social insurance.....	4.1	4.5	4.8	4.6	4.7	4.8	4.9	5.0	5.1
Federal grants-in-aid.....	10.4	11.2	14.5	11.6	13.0	14.6	15.3	15.0	15.0
State and local government expenditures.....	67.9	73.7	81.0	75.7	77.7	79.7	82.1	84.7	87.8
Purchases of goods and services.....	63.7	69.4	76.2	71.4	73.1	75.0	77.2	79.4	82.1
Transfer payments to persons.....	6.5	6.9	7.7	7.0	7.4	7.5	7.8	8.2	8.6
Net interest paid.....	.7	.6	.5	.5	.5	.5	.5	.5	.5
Less: Current surplus of government enterprises.....	3.0	3.2	3.3	3.2	3.3	3.3	3.4	3.4	3.4
Surplus or deficit (—), national income and product accounts.....	1.7	1.6	3.2	1.6	2.4	3.5	3.8	3.3	1.4

Table 14.—Sources and Uses of Gross Saving (5.1)

Gross private saving.....	101.4	109.1	115.5	113.6	113.2	113.9	112.5	122.3	123.0
Personal saving.....	24.5	25.7	27.0	28.5	26.7	26.6	24.5	30.4	34.4
Undistributed corporate profits.....	21.3	25.3	27.4	26.1	27.8	27.6	27.1	27.4	23.8
Corporate inventory valuation adjustment.....	—4	—1.5	—2.1	—1.8	—2.8	—2.9	—2.8	.0	—8
Corporate capital consumption allowances.....	33.9	36.3	38.8	37.2	37.7	38.5	39.1	39.7	40.3
Noncorporate capital consumption allowances.....	22.2	23.3	24.4	23.6	23.8	24.2	24.5	24.9	25.3
Wage accruals less disbursements.....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Government surplus or deficit (—), national income and product accounts.....	—1.4	3.2	3.5	1.4	4.7	7.3	3.3	—4	—8.9
Federal.....	—3.0	1.6	.3	—2.2	2.3	3.8	—1.5	—3.6	—10.3
State and local.....	1.7	1.6	3.2	1.6	2.4	3.5	3.8	3.3	1.4
Gross investment.....	98.7	110.7	118.8	115.4	117.1	120.3	116.1	121.5	111.8
Gross private domestic investment.....	93.0	106.6	117.0	111.9	114.5	118.5	115.0	120.0	109.3
Net foreign investment.....	5.7	4.2	1.8	3.5	2.6	1.8	1.1	1.5	2.5
Statistical discrepancy.....	—1.4	—1.6	—2	.4	—8	—9	.4	—4	—2.2

The Copper Situation

TOTAL domestic demand for copper, including defense demand, continued strong throughout 1966 and early 1967. Supplies of refined copper available to domestic users, which were very tight relative to demand in the first three quarters of 1966, improved considerably late last year and continued to improve in the early part of 1967.

These developments have been reflected in changes in copper prices; up to mid-1966, copper had shown one of the largest increases of any commodity group in the index of wholesale industrial prices, and this contributed importantly to the rise in industrial prices from mid-1964 to mid-1966. Domestic prices of copper scrap, which are a sensitive barometer of supply-demand conditions, have fallen considerably. Prices of refined copper in foreign markets have also dropped sharply from last year's unusually high levels. However, the price charged by domestic producers for primary copper, which had been held down in 1966 under the administration's wage-price guideposts, increased in early 1967. Prices of copper mill products, which had been rising almost steadily for the past 3 years, have shown signs of softening in recent weeks.

Consumption at record rate

Domestic consumption of refined copper expanded sharply from 1965 to 1966. The 16 percent increase over the year was the largest annual advance by far in the 1961-66 period. In the final 3 months of 1966, copper consumption was at a new peak. Reduced activity in the automobile and construction industries—which are large users of copper products—tended to dampen the rise in consumption of copper for civilian items in the last half of 1966, but

expanding defense requirements more than offset this drop. In January and February of this year, domestic consumption was running at about the same rate as in the final 3 months of 1966.

Defense use up, exports lower

The use of copper for defense-rated orders, which began to increase in late 1965, continued upward at an accelerated rate throughout 1966 and through the first half of 1967. In 1966, producers' set-asides for defense-rated orders were established on the basis of producers' 1965 output of refined cop-

per from domestic ores; they ranged from 10 percent in the second quarter to 18 percent in the fourth. The set-aside was increased to 26 percent for the first quarter of 1967 and to 29 percent for the second quarter. However, the rate will be reduced to 26 percent for the July-September period. In terms of tonnage, the set-aside of refined copper for the current quarter is equivalent to somewhat less than 100,000 tons, or about 16 percent of domestic consumption at the quarterly average rate in 1966. In the April-June 1966 period, the equivalent figures were 35,000 tons and 6 percent respectively.

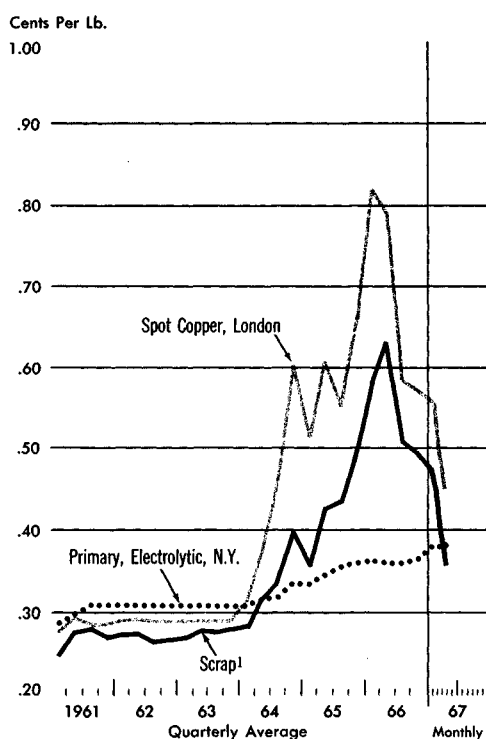
U.S. exports of refined copper, especially to Western Europe, contracted sharply in the fourth quarter of 1966. Exports of refined copper during this period were approximately 40,000 tons, or half the quarterly average in the first three quarters of 1966. In the first 2 months of this year, shipments to foreign markets, although up from the relatively low October-December rate, were below the total a year ago.

Improved supplies

Copper supplies, as measured by domestic production and imports, were at a record rate of 2.3 million tons in 1966, but the 3 percent rise over 1965 was far below the increase in demand. Despite efforts by industry and government to expand supplies of refined copper, there was very little increase in the first 9 months of 1966 as compared with the first 9 months of 1965. However, in the fourth quarter, supplies increased appreciably, and combined domestic output and imports of copper reached a new high, 7 percent above the fourth quarter of 1965. In the first 2 months of this year, the margin of gain over the first 2 months of 1966 rose to more than 15 percent.

CHAPTER 3

COPPER PRICES



¹Scrap price represents No. 1 wire

Data: BLS & E&MJ

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

67-5-3

Both increased domestic production and larger imports of refined metal accounted for the year-to-year gain in supplies evident since last fall. The expansion in imports of refined copper has to a large extent reflected the slowdown in economic activity in some foreign areas—particularly in Western Europe—which has made more copper available to U.S. markets. Thus, the flow of refined copper from abroad, which held relatively steady at about 30,000 tons per quarter in the January–September period, rose to 70,000 tons in the fourth quarter. Of this total, Western Europe, which is normally a negligible exporter of copper, supplied 26,000 tons, or about two-thirds of the increase. Imports in early 1967 continued high.

Demand exceeds supply

In 1966, for the fourth year in a row, domestic consumption plus exports exceeded domestic production plus imports. The difference was especially pronounced early last year but has since narrowed. The excess of demand over supply in 1966 was met primarily by releases of 400,000 tons from the national stockpile; this was more than three times the tonnage released in 1965. About 150,000 tons of refined metal from the stockpile are being made available for sale in varying monthly allotments from January through September of this year.

Copper prices

From June 1964 to June 1966, prices of nonferrous metals as a group showed one of the largest increases—18 percent—of any group in the industrial component of the BLS wholesale price index. During this same period, whole-

sale prices for all industrial commodities advanced 4.0 percent.

Much of the rise in the nonferrous metals group has been due to higher quotations for primary refined copper, copper scrap materials, and fabricated mill products. The sharp rise in prices reflected expanding world demand at a time when production was being held down by strikes and political difficulties abroad. However, since mid-1966, prices of nonferrous metals as a whole have tended to stabilize and have even edged down a little, reflecting in large part the substantial improvement in the supply-demand position of copper.

In periods when copper is in short supply and demand is strong, fabricators obtain more of their requirements in the secondary market and thus put pressure on scrap prices. As chart 3 shows, the price of copper scrap (no. 1 wire) peaked in the first half of 1966, when the imbalance between supply and demand was greatest. As the deficit in supplies narrowed, scrap prices fell sharply but irregularly after the spring of 1966. In April of this year, the average price of copper scrap was 36 cents per pound, the lowest in more than 2 years and far below the high of 66 cents per pound in April 1966. The current scrap price is close to the price of primary copper; normally, copper scrap sells somewhat below the price of the refined metal.

It may also be noted that prices in foreign markets have reflected the shifting balance between supply and demand. For example, the price of spot copper in London, the principal trading market outside the United States, rose sharply to a very high level in early

1966 as the production of refined copper continued to be adversely affected by strikes and political disturbances in some of the main producing countries. With a return to more normal operations and with demand pressures abroad tending to ease, spot copper prices fell moderately in the late spring months and dropped more sharply in the third quarter before leveling off in the October–December period. The downward trend continued through the early months of 1967. In April of this year, the price of spot copper, at 45 cents a pound, was one-fifth below the 1966 fourth quarter average and more than two-fifths under the early 1966 high.

The domestic producers' price of primary refined copper, after holding steady at about 36 cents per pound throughout 1966, increased to 38 cents per pound in January of this year and has since remained at this level. Industry attempts to raise prices in 1966 were met by Government intervention under the wage-price guideposts. The present price of copper, the highest since October 1956, represents an increase of nearly one-fourth from the February 1964 price of 31 cents per pound.

Copper mill products—which are fabricated from both refined copper and scrap—have shown a much larger average price rise than the primary metal. The BLS index of wholesale prices of these products has generally been moving upward since 1963, and in the early months of this year, most of the items in this group were at, or close to, peak levels. However, more recently major fabricators announced price cuts for copper tubing and for a wide range of brass mill products.

Plant and Equipment Expenditures by Foreign Affiliates of U.S. Firms— Revised Estimates for 1966 and 1967

THIS report gives the results of the second survey of anticipated plant and equipment expenditures by foreign affiliates of U.S. firms, which was conducted in December. These surveys are designed to supplement those taken in the middle of the year as part of the annual review of the sources and uses of funds of U.S. direct investments abroad. A methodological note concerning procedures used in the collection and estimation of the data was included in

the March 1966 SURVEY OF CURRENT BUSINESS.

According to the latest survey, expenditures in 1967 are expected to be higher than those in 1966. However, the increase from 1966 to 1967 is likely to be less, in both absolute amounts and percentages, than the increase from 1965 to 1966.

The less rapid rate of expansion is reported by manufacturing industries. An analysis of the area distribution of

the data indicates that the somewhat slower growth in prospect for 1967 would be due mostly to investments in Europe and to a lesser extent to those in Canada.

These periodic surveys, conducted annually for several years and semi-annually beginning in December 1965, are based on reports filed by officials of the U.S. parent companies. At the present time, several estimates of expenditures are obtained for a given

Table 1.—Estimates of Plant and Equipment Expenditures of Foreign Affiliates of U.S. Companies, by Area and Industry—Summary of Surveys¹

[Millions of dollars]

	1965				1966				1967	
	A	C	D	E	A	B ^r	C	D	A	B
All areas, total	5,687	7,372	7,078	7,531	7,323	8,824	9,162	8,745	9,210	10,211
Mining and smelting.....	416	584	498	682	493	648	826	804	693	910
Petroleum.....	2,005	2,350	2,364	2,267	2,330	2,680	2,727	2,600	2,936	3,373
Manufacturing.....	2,533	3,821	3,606	3,893	3,809	4,786	4,797	4,554	4,790	5,066
Other industries.....	733	617	610	689	691	710	812	788	791	843
Canada, total	1,407	1,843	1,840	1,908	1,696	2,095	2,262	2,344	2,149	2,430
Mining and smelting.....	202	248	200	265	190	261	340	324	244	345
Petroleum.....	360	377	490	503	358	426	552	609	570	665
Manufacturing.....	657	1,031	963	952	964	1,201	1,171	1,180	1,147	1,183
Other industries.....	188	187	187	188	184	207	199	231	188	237
Latin America, total	860	1,097	994	1,079	932	1,139	1,240	1,105	1,250	1,435
Mining and smelting.....	124	156	150	160	109	176	214	211	193	288
Petroleum.....	313	368	313	307	334	378	336	282	391	366
Manufacturing.....	266	420	391	446	336	443	511	448	505	607
Other industries.....	157	152	140	166	153	142	179	165	161	174
Europe, total	2,045	2,659	2,520	2,674	2,893	3,545	3,584	3,351	3,714	4,013
Mining and smelting.....	4	7	3	5	8	5	5	8	3	11
Petroleum.....	576	728	673	603	776	972	873	873	940	1,206
Manufacturing.....	1,188	1,737	1,660	1,873	1,855	2,323	2,406	2,204	2,467	2,506
Other industries.....	277	187	184	193	254	245	300	265	304	290
Other areas, total	1,375	1,773	1,724	1,869	1,802	2,045	2,077	1,946	2,096	2,334
Mining and smelting.....	86	173	145	252	186	206	267	261	253	266
Petroleum.....	756	877	888	854	862	904	966	835	1,035	1,136
Manufacturing.....	422	632	592	622	654	819	710	722	670	790
Other industries.....	111	91	99	141	100	116	134	127	138	142

^r Revised.

Note.—Detail may not add to totals because of rounding.

1. A. Estimated in June of previous year.

B. Estimated in December of previous year.

C. Estimated in June of current year.

D. Estimated in December of current year.

E. Actual—reported in June of following year.

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

year. In 1966, for example, expenditures were estimated on the basis of reports filed in June and December of 1965 and in June and December of 1966; the final figure for 1966 will become available from a survey to be conducted in June 1967. The December surveys were introduced in 1965 in order to provide more timely information.

Each of the five successive reports filed by the corporations participating in the surveys is based on a different combination of various types of basic data available to corporate officials, such as appropriations, contracts placed, obligations incurred, and actual expenditures. The reports filed in June and December of the preceding year must of course rely on appropriations and other advance indicators of expenditures. At the other extreme, reports filed for a given year in June of

the following year are based on actual expenditures. The two intermediate reports are based on a mixture of anticipatory and actual data.

It is believed that the use of advance indicators results in reporting biases of a recurring type. Accordingly, better forecasts of year-to-year changes in expenditures are likely to be obtained if one compares the figures reported in surveys conducted 1 year apart. To make the analysis easier, the tables identify comparable estimates by the letters A through E.

1966 expenditures

The reports received in December of 1966 indicate that plant and equipment expenditures of the foreign affiliates of U.S. corporations in 1966 were estimated to be about \$8.7 billion, which would represent an increase of about \$1.7 billion, or almost 25 percent,

over the comparable estimate for 1965 (table 1: column D, 1966 vs. column D, 1965). This is roughly the same as the comparable increase in the June survey (column C, 1966 vs. column C, 1965). This suggests that investment plans of the foreign affiliates for 1966 were not changed during the latter half of last year. The final figures for 1966 will become available from the survey to be conducted in June of this year. On the basis of experience with the estimates for 1965, it is possible that the level of actual 1966 expenditures will turn out to be somewhat higher than the December reports show.

A comparison of the reports received in December 1966 with those received a year earlier indicate that half of the 1965-66 rise in plant and equipment expenditures was in Western Europe and about 30 percent in Canada. For all

Table 2.—Estimates of Plant and Equipment Expenditures of Foreign Manufacturing Affiliates of U.S. Companies, by Area and Selected Industries—Summary of Surveys¹

[Millions of dollars]

	1965				1966				1967	
	A	C	D	E	A	B	C	D	A	B
All areas, total.....	2,533	3,821	3,606	3,893	3,809	4,786	4,797	4,554	4,790	5,086
Chemicals.....	440	870	817	862	835	1,101	1,159	1,063	1,316	1,389
Transportation equipment.....	809	957	864	873	1,067	1,265	1,119	1,018	982	989
Machinery.....	465	812	814	859	895	1,006	1,030	1,009	1,118	1,163
Other products.....	819	1,182	1,111	1,299	1,011	1,415	1,489	1,463	1,374	1,545
Canada, total.....	657	1,031	963	952	964	1,201	1,171	1,180	1,147	1,183
Chemicals.....	130	290	264	225	300	314	260	230	240	213
Transportation equipment.....	193	229	226	224	238	283	275	271	270	278
Machinery.....	103	116	118	114	142	170	148	161	155	174
Other products.....	231	396	355	389	284	435	488	517	482	518
Latin America, total.....	266	420	391	446	336	443	511	448	505	607
Chemicals.....	70	140	127	151	101	150	187	166	170	213
Transportation equipment.....	69	54	59	73	69	81	108	75	118	120
Machinery.....	38	64	49	55	40	54	54	46	54	61
Other products.....	89	163	156	167	125	159	162	161	163	213
Europe:										
Common Market, total.....	592	993	1,003	1,042	1,100	1,332	1,425	1,364	1,450	1,529
Chemicals.....	70	153	165	147	180	208	295	269	381	408
Transportation equipment.....	217	314	283	278	362	463	394	389	255	261
Machinery.....	168	342	382	389	416	448	463	458	553	565
Other products.....	137	185	174	228	143	214	273	248	261	294
Other Europe, total.....	596	744	657	831	755	991	981	840	1,017	977
Chemicals.....	66	142	129	174	140	229	221	163	264	239
Transportation equipment.....	220	225	175	180	256	312	253	205	240	219
Machinery.....	116	161	155	181	169	197	229	212	219	231
Other products.....	194	216	198	296	191	252	278	259	204	287
Other areas, total.....	422	632	592	622	654	819	710	722	670	790
Chemicals.....	104	145	133	165	114	200	196	235	261	315
Transportation equipment.....	110	136	121	118	142	126	89	78	99	111
Machinery.....	40	129	110	120	128	137	136	131	137	132
Other products.....	168	223	228	219	270	355	289	278	173	232

Note.—Detail may not add to totals because of rounding.

1. A. Estimated in June of previous year.
B. Estimated in December of previous year.
C. Estimated in June of current year.

D. Estimated in December of current year.

E. Actual—reported in June of following year.

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

areas combined, manufacturing, with a rise of about \$1 billion, accounted for well over half of the overall increase. An increase of about \$0.3 billion was reported for the mining industries, and somewhat less for the petroleum industry.

1967 expenditures

Plant and equipment expenditures for 1967 have been projected at about \$10.2 billion—\$1.4 billion or about one-sixth above the amounts projected a year earlier for 1966 (table 1: column B, 1967 vs. column B, 1966).

In manufacturing, which accounts

for about half of total capital outlays by foreign affiliates, only a small rise has been projected from 1966 to 1967, after a very substantial rise in the previous year. The slower pace of expansion reflects a lesser gain in Europe and little change in Canada and "other" areas. All of these areas experienced sizable increases from 1965 to 1966. However, in Latin America manufacturing investments are expected to be up considerably in 1967, after rising moderately the year before.

For all areas combined, outlays in the chemicals and machinery industries are expected to show substantial in-

creases over last year, but in transportation equipment, a decline has been projected. The modest rise projected from 1966 to 1967 in European manufacturing investment is attributable to gains in most of the Continental European countries, offset by some decline in the United Kingdom.

A comparison of the estimates for 1967 with the corresponding estimates for 1966 indicates that the increase in outlays for petroleum and mining and smelting from 1966 to 1967 should be at least as great as any year-to-year increase reported in the past.

Table 3.—Estimates of Plant and Equipment Expenditures of Foreign Affiliates of U.S. Companies, by Major Country and Selected Industry—Summary of Surveys¹

[Millions of dollars]

	1965				1966				1967	
	A	C	D	E	A	B	C	D	A	B
Manufacturing:										
All area, total.....	2,533	3,821	3,606	3,893	3,809	4,786	4,797	4,554	4,790	5,086
Canada.....	657	1,031	963	952	964	1,201	1,171	1,180	1,147	1,183
Latin America, total.....	266	420	391	446	336	443	511	448	505	607
Argentina.....	64	100	97	101	85	106	114	95	107	126
Brazil.....	54	64	55	72	70	88	121	100	157	176
Mexico.....	59	122	104	141	70	120	136	116	107	130
Other countries.....	89	134	136	132	112	130	140	136	133	175
Europe, total.....	1,188	1,737	1,660	1,873	1,855	2,323	2,406	2,204	2,467	2,506
Belgium and Luxembourg.....	35	112	89	113	118	185	240	190	156	205
France.....	133	238	231	243	225	294	286	273	345	339
Germany.....	335	478	490	508	535	627	615	622	657	643
Italy.....	52	92	102	110	110	118	144	128	162	162
Netherlands.....	37	73	91	68	112	108	138	150	129	180
United Kingdom.....	512	607	509	653	651	786	758	644	801	746
Other countries.....	84	137	148	178	104	205	223	197	217	232
Africa, total.....	97	92	88	88	97	113	89	83	58	80
Republic of South Africa.....	44	48	47	45	36	44	27	28	32	50
Other countries.....	53	44	41	43	61	68	62	55	26	29
Asia, total.....	157	267	258	292	218	347	311	354	378	430
India.....	26	47	43	67	31	84	84	131	82	77
Japan.....	73	160	149	168	123	158	144	144	126	165
Other countries.....	58	60	66	57	64	104	82	79	170	188
Oceania, total.....	168	274	245	242	339	359	309	284	235	280
Australia.....	159	263	233	231	327	343	294	269	230	274
Other countries.....	9	11	11	11	12	16	15	15	5	6
Petroleum:										
All areas, total.....	2,005	2,350	2,364	2,267	2,330	2,680	2,727	2,600	2,936	3,373
Canada.....	360	377	490	503	358	426	552	609	570	665
Latin America, total.....	313	368	313	307	334	378	336	282	391	366
Venezuela.....	175	172	134	130	166	175	150	128	169	147
Other countries.....	138	196	179	177	168	203	186	154	222	220
Europe, total.....	576	728	673	603	776	972	873	873	940	1,206
France.....	60	105	88	75	90	125	127	123	90	130
Germany.....	80	124	106	97	98	221	161	163	183	250
Italy.....	82	82	84	75	77	99	99	112	106	101
United Kingdom.....	175	214	185	177	235	250	220	202	250	348
Other countries.....	179	203	210	179	267	278	266	273	312	377
Africa.....	242	287	271	284	350	322	349	287	442	469
Asia.....	433	441	462	430	377	473	500	430	462	486
Middle East.....	170	203	235	233	146	241	246	227	249	270
Far East.....	263	238	226	197	231	232	254	203	213	216
Oceania and International Shipping.....	81	149	155	140	135	109	117	118	131	181

Note.—Detail may not add to totals because of rounding.

1. A. Estimated in June of previous year.
- B. Estimated in December of previous year.
- C. Estimated in June of current year.
- D. Estimated in December of current year.
- E. Actual—reported in June of following year.

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

Table 4.—Summary of Results of Surveys of Foreign Plant and Equipment Expenditures

[Millions of dollars]

	1962	1963	1964	1965	1966	1967
All industries:						
A. June of previous year.....	4,499	4,565	4,527	5,687	7,323	9,210
B. December of previous year.....	n.a.	n.a.	n.a.	n.a.	8,824	10,211
C. June of current year.....	4,762	4,929	5,864	7,372	9,162	n.a.
D. December of current year.....	n.a.	n.a.	n.a.	7,078	8,745	n.a.
E. June of following year.....	4,618	5,068	6,199	7,531	n.a.	n.a.
Ratio of est. B to est. A.....	n.a.	n.a.	n.a.	n.a.	1.20	1.11
Ratio of est. C to est. A.....	1.06	1.08	1.30	1.30	1.25	n.a.
Ratio of actual E to est. A.....	1.03	1.11	1.37	1.32	n.a.	n.a.
Ratio of est. D to est. C.....	n.a.	n.a.	n.a.	.96	.95	n.a.
Ratio of actual E to est. C.....	.97	1.03	1.06	1.02	n.a.	n.a.
Ratio of actual E to est. D.....	n.a.	n.a.	n.a.	1.06	n.a.	n.a.
Petroleum:						
A. June of previous year.....	1,794	1,811	1,653	2,005	2,330	2,936
B. December of previous year.....	n.a.	n.a.	n.a.	n.a.	2,680	3,373
C. June of current year.....	1,829	1,950	1,940	2,350	2,727	n.a.
D. December of current year.....	n.a.	n.a.	n.a.	2,364	2,600	n.a.
E. June of following year.....	1,628	1,889	2,073	2,267	n.a.	n.a.
Ratio of est. B to est. A.....	n.a.	n.a.	n.a.	n.a.	1.15	1.15
Ratio of est. C to est. A.....	1.02	1.08	1.17	1.17	1.17	n.a.
Ratio of actual E to est. A.....	.91	1.04	1.25	1.13	n.a.	n.a.
Ratio of est. D to est. C.....	n.a.	n.a.	n.a.	1.01	.95	n.a.
Ratio of actual E to est. C.....	.89	.97	1.07	.96	n.a.	n.a.
Ratio of actual E to est. D.....	n.a.	n.a.	n.a.	.96	n.a.	n.a.
Manufacturing:						
A. June of previous year.....	1,706	1,735	1,971	2,533	3,809	4,790
B. December of previous year.....	n.a.	n.a.	n.a.	n.a.	4,786	5,086
C. June of current year.....	1,866	2,057	2,730	3,821	4,797	n.a.
D. December of current year.....	n.a.	n.a.	n.a.	3,606	4,554	n.a.
E. June of following year.....	2,042	2,251	3,007	3,893	n.a.	n.a.
Ratio of est. B to est. A.....	n.a.	n.a.	n.a.	n.a.	1.26	1.06
Ratio of est. C to est. A.....	1.09	1.19	1.39	1.51	1.26	n.a.
Ratio of actual E to est. A.....	1.20	1.30	1.52	1.54	n.a.	n.a.
Ratio of est. D to est. C.....	n.a.	n.a.	n.a.	.94	.95	n.a.
Ratio of actual E to est. C.....	1.09	1.09	1.10	1.02	n.a.	n.a.
Ratio of actual E to est. D.....	n.a.	n.a.	n.a.	1.08	n.a.	n.a.
Other industries:						
A. June of previous year.....	999	1,019	903	1,149	1,184	1,484
B. December of previous year.....	n.a.	n.a.	n.a.	n.a.	1,358	1,753
C. June of current year.....	1,067	922	1,194	1,201	1,638	n.a.
D. December of current year.....	n.a.	n.a.	n.a.	1,108	1,592	n.a.
E. June of following year.....	948	928	1,119	1,371	n.a.	n.a.
Ratio of est. B to est. A.....	n.a.	n.a.	n.a.	n.a.	1.15	1.18
Ratio of est. C to est. A.....	1.07	.90	1.32	1.05	1.38	n.a.
Ratio of actual E to est. A.....	.95	.91	1.24	1.19	n.a.	n.a.
Ratio of est. D to est. C.....	n.a.	n.a.	n.a.	.92	.97	n.a.
Ratio of actual E to est. C.....	.89	1.01	.94	1.14	n.a.	n.a.
Ratio of actual E to est. D.....	n.a.	n.a.	n.a.	1.24	n.a.	n.a.

n.a.—not available * revised.

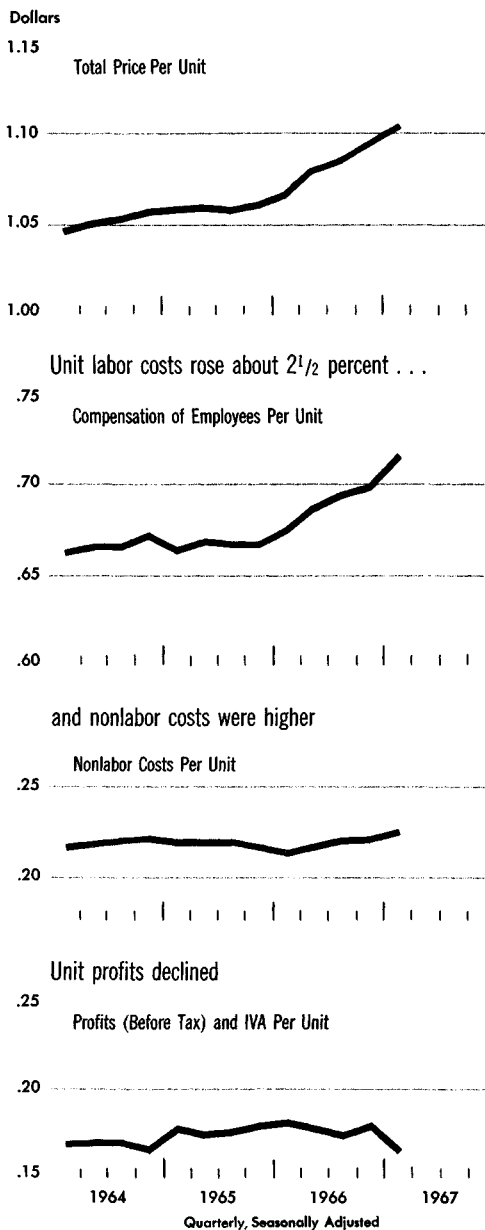
Source: U.S. Department of Commerce, Office of Business Economics.

Corporate Output, Prices, Costs, and Profits

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

Price per unit of real product rose 1 percent in the first quarter

CHART 4



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

67-5-4

A NEW series on gross product originating in nonfinancial corporations in 1958 dollars—together with the associated information on prices, unit costs, and unit profits—is presented in the adjacent tables annually from 1948 through 1966. Quarterly totals, seasonally adjusted at annual rates, are also shown from the first quarter of 1948 through the opening quarter of 1967. The tables also contain the previously published current dollar information on the output, costs, and profits of nonfinancial corporations.

Gross product originating in nonfinancial corporations measures the contribution of the domestic operations of such firms to the gross national product. It is defined as the sales of these firms to other businesses and to consumers, government, and foreigners plus the change in their inventories, less purchases from other firms, both domestic and foreign. Alternatively, gross product originating in nonfinancial corporations may be defined as the sum of incomes and other charges to gross product: capital consumption allowances; indirect business taxes less subsidies plus business transfer payments; compensation of employees; net interest; and corporate profits and inventory valuation adjustment. In this report, estimates of gross corporate product have been developed on the basis of the latter definition. Real gross product originating in nonfinancial corporations is equal to the current period quantities of gross corporate product valued at 1958 prices.

Current dollar cost per unit of 1958 dollar gross product originating in nonfinancial corporations measures the costs incurred and profits earned in producing one 1958 dollar's worth of output in a given period. Current dollar

cost per unit of constant dollar output may also be viewed as the implicit price deflator for the value of nonfinancial corporation output.

The annual implicit price deflator for the value of nonfinancial corporation output was developed from the industry value-added deflators discussed in the April 1967 SURVEY, and therefore takes account of price changes of products and services sold by corporations and price changes of the intermediate products and services purchased by corporations. In effect, the change in buying prices is netted out from the change in selling prices. This annual implicit price deflator is interpolated quarterly by the implicit price deflator for nonfarm business output.

Nonfinancial corporations include all corporations operating in the United States except commercial banks, mutual savings banks, savings and loan associations, credit unions, finance companies, security and commodity brokers, regulated investment companies, and insurance carriers. The figures on capital consumption allowances and undistributed profits shown here differ from those in table 1 on page 14 because the latter exclude corporate farms and include profits remitted from foreign operations of U.S. corporations.

The data in these tables will be shown in the SURVEY in the third month after the end of each quarter. A preliminary estimate will be released to the press during the second month after the end of the reference quarter. Those who would like to receive the preliminary estimate regularly should write to the National Income Division, Office of Business Economics, U.S. Department of Commerce, Washington, D.C. 20230.

Table 1.—Nonfinancial Corporations: Gross

Line		1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	
[Billions of dollars]																					
1	Gross product originating in nonfinancial corporations.	137.0	133.3	151.7	174.3	182.0	194.7	191.6	216.3	231.2	241.9	236.0	263.7	273.1	278.4	302.8	320.0	345.3	374.6	407.7	
2	Capital consumption allowances.....	6.9	7.8	8.6	10.1	11.3	12.9	14.7	17.1	18.5	20.4	21.5	23.0	24.3	25.6	29.3	31.0	32.9	35.3	37.8	
3	Indirect business taxes plus transfer payments less subsidies.	12.1	12.6	14.0	15.2	16.8	18.2	17.4	19.2	20.8	22.4	22.8	24.6	26.4	27.7	29.7	31.5	33.3	35.8	37.3	
4	Compensation of employees.....	87.6	85.1	94.6	110.0	118.0	128.4	126.2	138.2	151.0	158.7	155.6	170.6	179.0	181.3	194.7	204.4	218.7	235.5	259.3	
5	Wages and salaries.....	83.6	80.9	89.1	103.2	110.8	120.6	117.9	128.7	140.3	146.7	143.5	156.4	163.3	165.0	176.2	184.5	197.3	212.3	231.5	
6	Supplements to wages and salaries.....	4.0	4.2	5.5	6.8	7.2	7.8	8.2	9.4	10.8	12.0	12.1	14.3	15.7	16.3	18.5	19.9	21.4	23.2	27.8	
7	Net interest.....	.9	1.0	.9	1.1	1.2	1.3	1.6	1.6	1.7	2.2	2.7	2.7	3.0	3.5	4.1	4.5	5.2	5.9	6.5	
8	Corporate profits and inventory valuation adjustment.	29.6	26.8	33.5	37.9	34.7	33.9	31.8	40.3	39.1	38.3	33.5	42.8	40.3	40.3	45.0	48.6	55.2	62.1	66.9	
9	Profits before tax.....	31.8	24.9	38.5	39.1	33.8	34.9	32.1	42.0	41.8	39.8	33.7	43.2	40.1	40.3	44.7	49.1	55.6	63.6	69.0	
10	Profits tax liability.....	11.9	9.5	16.7	21.0	17.8	18.5	15.7	19.8	19.8	18.9	16.3	20.8	19.5	19.8	20.9	22.9	24.3	27.5	29.8	
11	Profits after tax.....	19.9	15.4	21.7	18.1	16.0	16.4	16.3	22.2	22.1	20.9	17.5	22.5	20.6	20.5	23.9	26.2	31.3	36.1	39.3	
12	Dividends.....	6.5	6.5	7.9	7.8	7.8	8.0	8.2	9.4	10.1	10.4	10.2	10.9	11.6	11.6	12.8	14.3	14.6	16.2	17.8	
13	Undistributed profits.....	13.4	8.9	13.8	10.3	8.1	8.4	8.1	12.8	11.9	10.5	7.3	11.6	9.0	8.9	11.1	11.9	16.8	19.9	21.5	
14	Inventory valuation adjustment.....	-2.2	1.9	-5.0	-1.2	1.0	-1.0	-3.3	-1.7	-2.7	-1.5	-3.3	-5.5	.2	-1.1	.3	-5.6	-4.4	-1.5	-2.1	
[Billions of 1958 dollars]																					
15	Gross product originating in nonfinancial corporations.	172.9	165.6	186.4	203.5	207.1	219.8	213.4	237.2	244.0	247.2	236.0	260.8	267.1	270.6	292.9	308.0	329.0	354.5	377.6	
[Dollars]																					
16	Current dollar cost per unit of 1958 dollar gross product originating in nonfinancial corporations. ³	0.793	0.805	0.814	0.857	0.879	0.886	0.898	0.912	0.948	0.979	1.000	1.011	1.022	1.029	1.034	1.039	1.050	1.057	1.080	
17	Capital consumption allowances.....	.040	.047	.046	.049	.054	.059	.069	.072	.076	.082	.091	.088	.091	.095	.100	.100	.100	.100	.100	
18	Indirect business taxes plus transfer payments less subsidies.	.070	.076	.075	.075	.081	.083	.081	.081	.085	.090	.097	.094	.099	.103	.101	.102	.101	.101	.099	
19	Compensation of employees.....	.507	.514	.507	.541	.570	.584	.591	.582	.619	.642	.659	.654	.670	.670	.665	.664	.665	.664	.687	
20	Net interest.....	.005	.006	.005	.005	.006	.006	.007	.007	.007	.009	.011	.010	.011	.013	.014	.015	.016	.017	.017	
21	Corporate profits and inventory valuation adjustment.	.171	.162	.180	.186	.168	.154	.149	.170	.160	.155	.142	.164	.151	.149	.154	.158	.168	.175	.177	
22	Profits tax liability.....	.069	.057	.090	.103	.086	.084	.074	.084	.081	.076	.069	.080	.073	.073	.071	.074	.074	.078	.079	
23	Profits after tax plus inventory valuation adjustment.	.103	.104	.090	.083	.082	.070	.075	.086	.079	.078	.073	.084	.078	.076	.082	.084	.094	.098	.098	
[Billions of dollars, seasonally adjusted at annual rates]																					
1	Gross product originating in nonfinancial corporations.	208.0	214.5	219.1	224.3	226.4	229.5	231.1	237.5	242.4	242.6	243.7	238.7	229.2	228.7	237.3	248.3	257.7	268.5	263.1	265.1
2	Capital consumption allowances.....	16.2	16.7	17.5	17.9	18.4	18.4	18.5	18.8	19.4	20.1	20.7	21.3	21.4	21.3	21.6	21.9	22.1	22.9	23.1	23.9
3	Indirect business taxes plus transfer payments less subsidies.	18.3	19.0	19.5	19.9	20.1	20.4	21.0	21.8	22.1	22.4	22.7	22.3	22.5	22.8	23.5	24.1	24.2	24.9	25.3	
4	Compensation of employees.....	132.4	136.7	140.0	143.6	147.3	149.9	151.3	155.6	158.2	158.8	159.8	158.0	154.0	152.0	155.9	160.4	166.6	172.1	171.2	172.5
5	Wages and salaries.....	123.5	127.4	130.4	133.8	137.0	139.3	140.4	144.5	146.5	146.9	147.7	145.7	142.1	140.2	143.8	147.9	153.0	157.8	156.7	157.9
6	Supplements to wages and salaries.....	9.0	9.3	9.6	9.9	10.4	10.6	10.9	11.2	11.7	11.9	12.1	12.2	11.9	11.8	12.1	12.5	13.7	14.3	14.5	14.6
7	Net interest.....	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.8	2.9	2.7	2.7	2.8	2.8
8	Corporate profits and inventory valuation adjustment.	39.5	40.5	40.5	41.4	39.0	39.1	38.5	39.4	40.7	39.2	38.2	34.6	29.1	30.2	34.3	39.6	42.2	46.6	41.2	40.7
9	Profits before tax.....	40.6	41.3	42.7	44.1	41.9	42.7	39.7	42.4	43.1	40.7	39.5	35.6	29.3	29.9	34.6	40.5	43.0	48.0	41.7	40.0
10	Profits tax liability.....	19.2	19.5	20.1	20.8	19.8	20.1	18.8	20.0	20.3	19.4	18.8	16.9	14.2	14.5	16.7	19.4	20.6	22.9	20.1	19.4
11	Profits after tax.....	21.4	21.9	22.6	23.3	22.1	22.6	20.9	22.4	22.8	21.4	20.7	18.7	15.1	15.4	17.9	21.1	22.4	25.1	21.6	20.6
12	Dividends.....	8.9	9.0	9.6	9.7	9.9	10.0	10.0	10.4	10.4	10.5	10.6	10.4	10.3	10.4	10.2	9.9	10.5	10.8	11.0	11.1
13	Undistributed profits.....	12.6	12.8	13.0	13.6	12.2	12.5	10.9	12.0	12.4	10.8	10.1	8.2	4.8	5.1	7.7	11.2	11.9	14.3	10.6	9.5
14	Inventory valuation adjustment.....	-1.1	-9	-2.2	-2.8	-2.9	-3.6	-1.2	-3.0	-2.4	-1.5	-1.3	-9	-2	.3	-2	-9	-8	-1.3	-5	.7
[Billions of 1958 dollars, seasonally adjusted at annual rates]																					
15	Gross product originating in nonfinancial corporations.	230.2	237.0	239.6	242.7	242.4	243.9	242.4	246.5	249.6	248.8	248.4	241.8	230.4	229.4	237.0	246.6	255.3	266.1	259.9	261.5
[Dollars]																					
16	Current dollar cost per unit of 1958 dollar gross product originating in nonfinancial corporations. ³	0.904	0.905	0.914	0.924	0.934	0.941	0.953	0.963	0.971	0.975	0.981	0.987	0.995	0.997	1.002	1.007	1.009	1.009	1.012	1.014
17	Capital consumption allowances.....	.070	.071	.073	.074	.076	.076	.076	.078	.081	.083	.088	.093	.093	.093	.091	.089	.086	.086	.089	.091
18	Indirect business taxes plus transfer payments less subsidies.	.080	.080	.081	.082	.083	.084	.087	.088	.088	.090	.091	.093	.097	.098	.096	.095	.094	.091	.096	.097
19	Compensation of employees.....	.575	.577	.584	.592	.608	.615	.624	.631	.634	.638	.644	.653	.668	.663	.658	.650	.653	.647	.659	.660
20	Net interest.....	.007	.007	.007	.007	.007	.007	.007	.008	.008	.008	.009	.010	.011	.011	.012	.012	.011	.010	.010	.011
21	Corporate profits and inventory valuation adjustment.	.172	.171	.169	.170	.161	.160	.159	.160	.163	.158	.154	.143	.126	.132	.145	.161	.165	.175	.159	.156
22	Profits tax liability.....	.083	.082	.084	.086	.082	.083	.078	.081	.081	.078	.076	.070	.061	.063	.070	.079	.081	.086	.077	.074
23	Profits after tax plus inventory valuation adjustment.	.088	.089	.085	.085	.079	.078	.081	.079	.082	.080	.078	.073	.065	.069	.074	.082	.085	.089	.081	.082

¹ Excludes gross product originating in the rest of the world.² First quarter 1967 corporate profits (and related components and totals) are preliminary and subject to revision in next month's SURVEY.³ This is equal to the deflator for gross product of nonfinancial corporations, with the decimal point shifted two places to the left.

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

Financial Tables

THESE tables contain the revised and updated statistics that have appeared in previous May issues of the SURVEY.

There have been two major changes in the public and private debt statistics (table 6): Participation certificates

issued by Federal Government agencies have been added to Federal agency debt; and there has been a substantial revision in the estimates of mortgage debt secured by multifamily residential and commercial properties.

The mortgage debt revision reflects

Table 1.—Sources and Uses of Funds, Nonfarm Nonfinancial Corporate Business, 1964–66

[Billions of dollars]

	1964	1965	1966	1966			
				I	II	III	IV
				Seasonally adjusted at annual rates			
Sources, total	70.5	88.1	96.1	98.2	104.0	89.4	92.9
Internal sources ¹	50.8	55.3	58.7	57.7	57.8	57.9	61.4
Undistributed profits ¹	18.5	21.7	23.3	24.0	23.4	22.8	22.9
Corporate inventory valuation adjustment.....	-.4	-1.5	-2.1	-2.8	-2.9	-2.8	.0
Capital consumption allowances ¹	32.8	35.1	37.5	36.6	37.3	37.9	38.5
External sources	19.7	32.7	37.4	40.4	46.2	31.5	31.4
Stocks.....	1.4	.0	1.2	-.5	5.9	.9	-1.5
Bonds.....	4.0	5.4	10.2	12.4	9.3	10.8	8.4
Mortgages.....	3.3	3.2	2.1	3.4	3.1	1.4	.5
Bank loans, n.e.c.....	3.6	9.3	7.6	6.3	14.5	4.8	5.1
Other loans.....	1.3	1.3	2.1	2.3	2.5	.2	3.4
Trade debt.....	3.4	7.3	7.7	8.2	11.4	5.3	5.9
Profits tax liability.....	.9	2.0	-.4	2.6	-7.5	2.8	-.7
Other liabilities.....	1.8	4.2	6.8	5.8	7.2	5.3	9.0
Uses, total	67.2	87.4	93.5	95.0	102.5	87.9	88.8
Purchases of physical assets	52.2	61.9	73.2	68.6	73.3	73.7	77.3
Nonresidential fixed investment.....	44.1	51.3	59.4	57.0	58.5	60.9	61.0
Residential structures.....	3.7	3.9	2.9	4.0	3.8	2.2	1.7
Change in business inventories.....	4.4	6.8	10.9	7.5	11.1	10.6	14.5
Increase in financial assets ²	14.9	25.4	20.3	26.4	29.1	14.2	11.6
Liquid assets.....	.7	.6	1.1	10.5	2.2	-2.6	-5.5
Demand deposits and currency.....	-2.5	-1.9	.7	4.0	1.6	-.7	-2.0
Time deposits.....	3.2	3.9	-.7	4.1	1.7	-3.9	-4.6
U.S. Government securities.....	-1.4	-2.1	-1.2	-.2	-2.1	-1.0	-1.3
Finance company paper.....	1.5	.7	2.3	2.7	1.0	3.0	2.4
Consumer credit.....	1.0	1.2	1.1	2.5	1.0	.8	-.1
Trade credit.....	9.1	13.7	10.9	10.7	16.8	9.0	7.0
Other financial assets.....	4.0	9.3	6.5	1.9	8.4	6.2	9.4
Discrepancy (uses less sources)	-3.3	-.7	-2.6	-3.2	-1.5	-1.5	-4.0

¹ The figures shown here for "internal sources," "undistributed profits," and "capital consumption allowances" differ from those shown for "cash flow, net of dividends," "undistributed profits," and "capital consumption allowances" in the gross corporate product table (p. 5 of this issue of the SURVEY) for the following reasons: (1) these figures include, and the statistics in the gross corporate product table exclude, branch profits remitted from foreigners, net

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

² Includes some categories not shown separately.

Source: Board of Governors of the Federal Reserve System.

Table 4.—Persons' Financial Asset Accumulation and Debt Operations, 1962–66

[Billions of dollars]

Line No.		1962	1963	1964	1965	1966
1	Financial asset accumulation	37.0	42.4	49.3	52.5	41.1
2	Life insurance and pension reserves.....	9.9	10.7	11.7	13.0	12.4
3	Private insurance reserves.....	4.3	4.5	4.8	5.3	4.4
4	Private insured pension reserves.....	1.4	1.7	2.0	2.1	2.2
5	Private noninsured pension reserves.....	4.2	4.5	4.9	5.6	5.8
6	Other financial assets.....	27.1	31.6	37.6	39.4	28.8
7	Fixed-value claims.....	28.0	31.3	31.5	35.2	13.7
8	Currency and demand deposits.....	2.8	6.8	7.0	10.0	-3.3
9	Time deposits.....	14.9	11.6	12.3	15.3	12.0
10	Savings shares.....	9.9	11.7	11.3	9.3	4.4
11	U.S. savings bonds.....	.4	1.2	.9	.6	.6
12	Marketable securities.....	-.9	.3	6.1	4.2	15.1
13	U.S. Government securities.....	.3	.7	3.3	1.8	9.5
14	State and local government securities.....	.3	1.8	2.4	2.4	3.6
15	Corporate and other bonds.....	-.1	.5	.9	2.3	2.6
16	Investment company shares.....	2.0	1.6	2.0	2.1	4.5
17	Other preferred and common stock.....	-3.4	-4.3	-2.5	-4.4	-5.1
18	Retirement of amortized debt.....	61.7	67.5	74.5	81.8	88.1
19	Nonfarm homes.....	11.1	12.3	13.4	14.3	15.3
20	Consumer installment credit.....	50.6	55.2	61.1	67.5	72.8
21	New borrowing ¹	92.9	102.9	111.5	124.1	115.6
22	Nonfarm homes and business.....	36.2	40.5	43.9	47.5	36.1
23	Consumer and security credit.....	56.7	62.4	67.7	76.5	79.5
24	Net increase in debt	31.2	35.4	37.0	42.3	27.5
25	Nonfarm homes and business.....	25.1	28.2	30.5	33.2	20.8
26	Consumer and security credit.....	6.1	7.2	6.6	9.0	6.7
27	Financial asset accumulation less increase in debt	5.8	7.0	12.3	10.2	13.6

¹ Gross of retirements.

Table 2.—Personal Investment and Related Financing, 1962–66

[Billions of dollars]

Line No.		1962	1963	1964	1965	1966
1	Gross investment in tangible assets	37.5	39.1	39.5	43.5	42.9
2	Nonfarm homes.....	18.7	19.0	19.6	19.5	19.7
3	Noncorporate business construction, equipment, and inventories.....	18.8	20.1	19.9	24.0	23.2
4	Borrowing	36.2	40.5	43.9	47.5	36.1
5	Nonfarm homes, gross of amortization.....	23.6	27.2	29.0	29.7	28.7
6	Other debt.....	12.6	13.3	14.9	17.8	7.4

Sources: Securities and Exchange Commission, Federal Home Loan Bank Board, and U.S. Department of Commerce, Office of Business Economics.

Table 3.—Personal Consumption Expenditures and Related Financial Flows, 1962–66

[Billions of dollars]

	1962	1963	1964	1965	1966
Personal consumption expenditures, total.....	355.1	375.0	401.4	431.5	464.9
Durables only.....	49.5	53.9	59.4	66.1	69.3
Consumer borrowing ¹	56.7	62.4	67.7	76.2	79.5
Secured by durables.....	35.5	39.4	43.9	49.4	52.0

¹ Gross of payments on installment debt.

Sources: Board of Governors of the Federal Reserve System and U.S. Department of Commerce, Office of Business Economics.

Sources: Securities and Exchange Commission, Federal Home Loan Bank Board, and Board of Governors of the Federal Reserve System.

the use of 1964 Internal Revenue Service data on corporate liabilities and on interest payments in the preparation of a new benchmark for this series. The change in consolidation requirements that became effective with tax returns for 1964 made the

use of Internal Revenue Service data in this estimate feasible for the first time. A more detailed description of the estimating technique employed for these mortgages is available upon request from the National Income Division of the Office of Business Economics.

Table 6.—Public and Private Debt, End of Calendar Year, 1962-66^{1 2}

[Billions of dollars]

	Net debt					Gross debt				
	1962	1963	1964	1965	1966	1962	1963	1964	1965	1966
Total public and private debt.....	1,016.7	1,089.5	1,166.4	1,257.6	1,346.1	1,176.1	1,256.6	1,342.3	1,435.5	1,539.2
Total public debt.....	331.2	341.9	354.6	367.6	380.8	422.6	435.4	450.5	457.0	475.8
Federal Government and agency ^{3 4 5}	257.5	262.4	269.4	272.5	279.9	341.7	348.7	358.3	356.9	370.1
Federal Government.....	248.1	251.6	257.5	259.1	260.6	303.5	309.3	317.9	320.9	329.3
Federal agency.....	9.4	10.9	11.9	13.4	19.3	38.2	39.4	40.3	36.0	40.8
State and local governments ⁶	73.7	79.5	85.2	95.1	100.9	80.9	86.7	92.2	100.1	105.7
State governments.....	18.2	19.9	21.6	24.7	27.1	21.9	23.4	25.0	27.1	29.3
Local governments.....	55.5	59.6	63.6	70.4	73.8	59.0	63.3	67.2	73.0	76.4
Total private debt.....	685.5	747.6	811.8	890.0	965.2	753.5	821.1	891.8	978.6	1,063.4
Total, all corporations.....	348.2	376.1	407.7	451.2	497.2	416.2	449.6	487.7	539.8	595.3
Long-term ⁷	161.2	174.4	192.9	211.3	232.4	194.9	210.9	233.4	255.8	281.5
Short-term ⁷	187.0	201.7	214.8	239.9	264.8	221.3	238.7	254.2	283.9	313.9
Notes and accounts payable.....	108.3	112.6	120.6	135.9	151.2	124.0	135.1	144.7	163.1	181.4
Other.....	83.7	89.1	94.3	104.0	113.6	97.4	103.5	109.6	120.8	132.4
Railway corporations.....	11.5	11.7	11.7	11.6	11.6	13.0	13.2	13.3	13.2	13.2
Long-term.....	9.5	9.5	9.5	9.4	9.4	10.7	10.8	10.8	10.7	10.7
Short-term.....	2.0	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.5	2.5
Notes and accounts payable.....	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6
Other.....	1.5	1.6	1.7	1.7	1.7	1.7	1.8	1.9	1.9	1.9
Nonrailway corporations.....	336.7	364.4	396.0	439.6	485.6	403.2	436.4	474.4	526.6	582.1
Long-term ⁷	151.7	164.9	183.4	201.9	223.0	184.2	200.2	222.6	245.2	270.8
Short-term ⁷	185.0	199.5	212.6	237.7	262.6	219.0	236.2	251.7	281.4	311.4
Notes and accounts payable.....	102.8	112.1	120.0	135.4	150.7	123.4	134.5	144.0	162.5	180.8
Other.....	82.2	87.4	92.6	102.3	111.9	95.6	101.7	107.7	119.0	130.5
Total individual and noncorporate debt.....	337.3	371.5	404.1	438.8	468.0	337.3	371.5	404.1	438.8	468.0
Farm, total ⁸	30.2	33.2	36.0	39.3	42.1	30.2	33.2	36.0	39.3	42.1
Farm mortgage.....	15.2	16.8	18.9	21.2	23.3	15.2	16.8	18.9	21.2	23.3
Farm production.....	15.0	16.4	17.1	18.1	18.8	15.0	16.4	17.1	18.1	18.8
Nonfarm, total.....	307.1	338.3	368.1	399.5	425.9	307.1	338.3	368.1	399.5	425.9
Mortgage.....	206.3	225.5	244.4	263.2	278.5	206.3	225.5	244.4	263.2	278.5
1-4 family residential.....	158.3	173.8	188.8	204.5	216.6	158.3	173.8	188.8	204.5	216.6
Multifamily residential and commercial.....	48.0	51.7	55.6	58.7	61.9	48.0	51.7	55.6	58.7	61.9
Other nonfarm ⁹	100.8	112.8	123.8	136.2	147.4	100.8	112.8	123.8	136.2	147.4
Commercial.....	19.3	21.5	23.9	25.7	28.8	19.3	21.5	23.9	25.7	28.8
Financial ¹⁰	18.3	20.8	21.5	22.6	23.8	18.3	20.8	21.5	22.6	23.8
Consumer.....	63.2	70.5	78.4	87.9	94.8	63.2	70.5	78.4	87.9	94.8

1. Data for State and local governments are for June 30 of each year.

2. Estimates for the period 1916 through 1956 appear in the July 1960 SURVEY; data for 1957 may be found on p. 19 of the May 1962 SURVEY, for 1958 on p. 16 of the May 1963 SURVEY, for 1959 on p. 17 of the May 1964 SURVEY, for 1960 on p. 10 of the May 1965 SURVEY, and for 1961 on p. 12 of the May 1966 SURVEY.

3. Includes categories of debt not subject to the statutory debt limit.

4. Net Federal Government debt is defined as the gross debt outstanding less Federal Government securities held by Federal agencies and trust funds, and Federal agency securities held by the U.S. Treasury and other Federal agencies. It thus equals Federal Government, agency debt, and loan participations held by the public.

5. Details of Federal obligations may be found in the Treasury Bulletin.

6. Includes State loans to local units.

7. Long-term debt is defined as having an original maturity of 1 year or more from date of issue; short-term debt as having an original maturity of less than 1 year.

8. Comprises debt of farmers and farm cooperatives to institutional lenders and Federal Government lending agencies, and farm mortgage debt owed to individuals and others; farmers' financial and consumer debt is included under the "nonfarm" category.

9. Comprises debt incurred for commercial (nonfarm), financial, and consumer purposes, including debt owed by farmers for financial and consumer purposes.

10. Comprises debt owed to banks for purchasing or carrying securities, customers' debt to brokers, and debt owed to life insurance companies by policyholders.

SOURCES: U.S. Department of the Treasury; Board of Governors of the Federal Reserve System; Federal Home Loan Bank Board; U.S. Department of Commerce, Bureau of the Census, and Office of Business Economics.

FOOTNOTES FOR TABLE 7

1. Data for 1929-44 may be found on p. 18 of the September 1953 SURVEY, and for the 1945-56 period on p. 22 of the May 1957 SURVEY; estimates for 1957 are on p. 20 of the May 1962 SURVEY, for 1958 on p. 17 of the May 1963 SURVEY, for 1959 on p. 18 of the May 1964 SURVEY, for 1960 on p. 11 of the May 1965 SURVEY, and for 1961 on page 12 of the May 1966 SURVEY.

2. The corporate mortgage debt total is included in the total corporate long-term debt outstanding (table 6).

3. Includes portfolio loans of the Veterans Administration.

4. The data represent mortgage loans on commercial and residential property, excluding multifamily residential and commercial property mortgage debt owed by corporations to other affiliated nonfinancial corporations.

Table 5.—Persons' Saving and Investment and Related Transactions, 1962-66

[Billions of dollars]

Line No.		1962	1963	1964	1965	1966
1	Investment in housing and noncorporate business (table 2, line 1).....	37.5	39.1	39.5	43.5	42.9
2	Less: Associated borrowing (table 2, line 4).....	36.2	40.5	43.9	47.5	36.1
3	Capital consumption allowances.....	19.9	20.9	22.2	23.3	24.4
4	Plus: Financial assets and debt retirement (table 4, lines 1+18).....	98.7	109.9	123.8	134.3	129.2
5	Less: Consumer borrowing (table 4, line 23).....	56.7	62.4	67.7	76.5	79.5
6	Statistical discrepancy.....	1.9	5.4	5.1	4.8	5.2
7	Equals: Personal saving.....	21.6	19.9	24.5	25.7	27.0
8	Total sources of funds (lines 2+3+5+7).....	134.3	143.6	158.2	173.0	166.9
9	Total uses of funds less discrepancy (line 1+4-6).....	134.3	143.6	158.2	173.0	166.9

Sources: Board of Governors of the Federal Reserve System, Securities and Exchange Commission, and U.S. Department of Commerce, Office of Business Economics.

Table 7.—Total Nonfarm Mortgage Debt by Borrowing and Lending Groups, by Type of Property, 1962-66¹

[Billions of dollars]

	1962	1963	1964	1965	1966
Total nonfarm residential and commercial mortgages.....	233.4	257.4	281.2	305.0	324.1
Corporate borrowers ²	27.1	32.2	36.8	41.7	45.9
Noncorporate borrowers.....	206.3	225.2	244.4	263.3	278.2
1-4 family residential mortgage debt.....	166.5	182.2	197.6	213.7	225.4
Savings and loan associations.....	69.8	79.1	87.0	94.8	98.2
Life insurance carriers.....	26.4	27.3	28.7	29.9	31.0
Mutual savings banks.....	22.1	24.7	27.4	30.1	31.8
Commercial banks.....	22.1	24.9	27.2	30.4	33.0
Federal National Mortgage Association.....	5.2	4.0	3.8	4.2	6.3
Individuals and others ³	20.9	22.2	23.4	24.4	25.0
Multifamily residential and commercial.....	66.9	75.3	83.6	91.3	98.7
Savings and loan associations.....	9.0	11.9	14.3	15.4	15.9
Life insurance carriers.....	17.1	19.4	22.1	25.3	28.5
Mutual savings banks.....	10.1	11.5	13.1	14.5	15.6
Commercial banks.....	10.3	12.2	14.1	16.4	18.6
Federal National Mortgage Association.....	.9	.8	.7	.6	.8
Individuals and others.....	19.5	19.5	19.3	19.1	19.4

SOURCES: U.S. Department of Agriculture, Agricultural Research Service; Board of Governors of the Federal Reserve System; Federal Home Loan Bank Board; and U.S. Department of Commerce, Office of Business Economics.

Personal Income in Metropolitan Areas: A New Series

WITH the publication here of estimates of personal income in 97 standard metropolitan statistical areas (SMSA's) for 5 selected years of the period 1929 to 1962, the Office of Business Economics adds a new dimension to its system of regional economic information.

This article contains the first official estimates of total and per capita per-

sonal income in selected SMSA's for the years 1929, 1940, 1950, 1959, and 1962 (table 1). Also included are estimates for the non-SMSA portion of each State. These were derived by summing the estimates for those counties that lie outside of SMSA's. A breakdown of major sources of income is shown for each area in table 2. Analytical measures are provided in tables 1 and 3, as well as in the text tables.

This report is part of a larger project that will cover all SMSA's in the United States. Because of the length of the study and because the estimates are prepared by groups of States, the results are being presented in stages as they become available. Estimates for the SMSA's not covered here will be published in the SURVEY later this year. Additional detail on industrial sources of income in each SMSA is being developed and will be published when completed. It is anticipated that the series for all SMSA's will be updated to 1965 and 1966 during 1968, and be continued thereafter on an annual basis.

Personal income defined

Personal income is the current income received by persons in an area from all sources. It is measured before deduction of income tax and other direct personal taxes, but after deduction of personal contributions to social security, government retirement, and other social insurance programs.

Personal income is the most comprehensive economic measure available on a geographic basis. It includes the in-

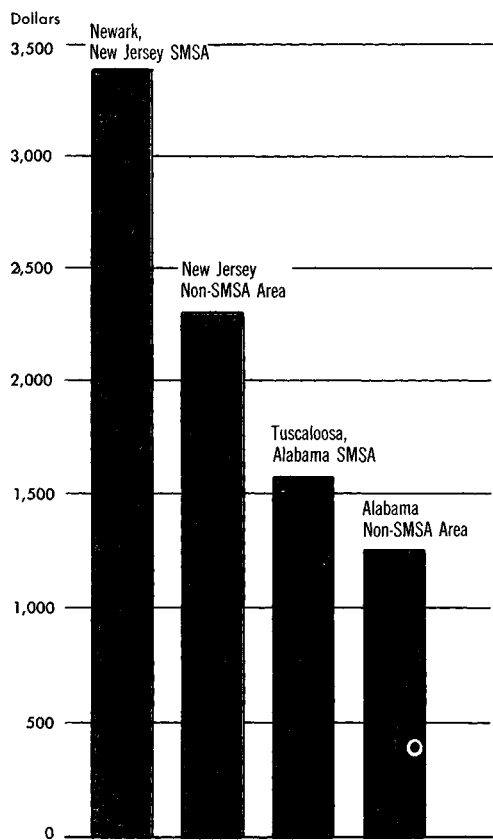
come received from business, Federal and State and local governments, households and institutions, and foreign countries. It consists of wages and salaries (in cash and in kind and including tips and bonuses as well as contractual compensation), various types of supplementary earnings termed "other labor income" (the largest item being employer contributions to private pension and welfare funds), the net incomes of owners of unincorporated businesses (farm and nonfarm), net rental income, dividends, interest, and government and business "transfer payments" (consisting in general of disbursements to persons for which no services are rendered currently, such as unemployment benefits and social security payments).

Comparison with State totals

No State totals (or averages) are shown in the accompanying tables, and in those States where one or more SMSA's cut across State boundaries, none should be derived by summing the figures for SMSA's and non-SMSA's. In such cases, the sum of the SMSA's and non-SMSA's would not equal OBE's State totals of personal income as published in the April 1967 SURVEY. Where an SMSA is located in more than a single State, the income of the entire SMSA is listed in the State with which the SMSA is generally identified. For example, personal income in the Philadelphia SMSA includes income received by residents of both Pennsylvania and New Jersey. In these tables, the total is classified under Pennsylvania since the SMSA is customarily identified with that State. In the State series, on the other hand, the

CHART 5

Highest and Lowest Per Capita Incomes Among SMSA's and Non-SMSA's in 24-State Area, 1962



Note.—The SMSA estimates were prepared by Sandra Bodine, Margaret Cannon, Vivian Conklin, Francis Dallavalle, Linnea Hazen, Jerry Lounsbury, Elizabeth Queen, Roselee Roberts, George Smith, and Lyle Spatz.

income referred to is allocated between Pennsylvania and New Jersey according to the residence of its recipients. It is important to note that income in the non-SMSA area of each State is unambiguous in this respect. Totals derived by combining SMSA's and non-SMSA's undoubtedly would be meaningful in their own right. The caveat given here against them is to avoid having two different figures for total personal income in a State.

Scope of the text

The text of the article is intended to summarize some of the major highlights of the data, with the main emphasis on long-term changes. No attempt has been made to make a comprehensive or detailed analysis; this must await the completion of the full set of statistics. Moreover, neither the general nor the specific conclusions made here are intended to apply to the SMSA's or to the non-SMSA's in the rest of the country. Since the factors underlying income growth in the other areas of the Nation are quite different from those that characterize the

eastern and northwestern sections, income developments in SMSA's and non-SMSA's of other areas may well be different.

Regional classification

For purposes of this report, the 24 States and the District of Columbia are classified into three groups. The Northeast includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, the District of Columbia, and Ohio—OBE's New England and Mideast regions plus Ohio. The Southeast as used here includes Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, and Alabama—all except four States of OBE's Southeast region. The Northwest includes Washington, Oregon, Idaho, and Montana—parts of OBE's Far West and Rocky Mountain regions. When the estimates for all SMSA's have been completed, OBE's usual regional classification of the States will be used.

closer together. In 1929, per capita income in SMSA's was about two and one-half times that in non-SMSA's; by 1962, it was three-fifths higher.

Total personal income

The slower growth of total income in SMSA's than in non-SMSA's reflects the fact that the Northeast, where this relationship prevailed, accounts for four-fifths of all SMSA income and one-half of all non-SMSA income in the 24 States. Thus, the summary changes noted picture mainly developments in the Northeast as modified by the different situations in the Southeast and Northwest.

Within the Northeast, the more rapid rise of total income in non-SMSA's was due to the faster growth in non-SMSA's of both government and manufacturing activity—as measured by changes in wages and salaries.

Among Northeastern States, total income lagged in two of every three SMSA's. An even higher ratio would have obtained—almost three out of four—had not the decline in mining wages and salaries in the non-SMSA portion of Pennsylvania held the growth of total income in that area to a rate below that in a number of the State's SMSA's.

In the Southeastern States, total income rose faster in SMSA's than in non-SMSA's. The major cause of the difference was the migration from rural to urban areas. As table A shows, the population of SMSA's in the

Summary Changes in Income and Population SMSA's Versus Non-SMSA's

Table A shows the longrun relative changes that have occurred in personal income, population, and per capita income over the 1929–62 period. For the 24-State area and for the three broad geographical groups into which the States have been classified, the comparisons show the changes that have occurred in SMSA's and non-SMSA's.

From 1929 to 1962, personal income in the 97 SMSA's covered in this study rose 333 percent. For the non-SMSA portions of the 24 States involved, the increase was 427 percent. Accompanying these increases were population gains of 52 percent in SMSA's and 23 percent in non-SMSA's. With total income in SMSA's growing less rapidly than in non-SMSA's, but with population in the more urbanized areas rising twice as fast in relative terms, per capita income grew much more rapidly

in non-SMSA's (328 percent) than in SMSA's (185 percent). These sharply divergent rates of growth brought average income in the two areas much

Table A.—Percent Changes in Personal Income, Population, and Per Capita Income, by SMSA and Non-SMSA Areas, Selected Years, 1929–62

	1929 to 1950		1950 to 1962		1929 to 1962	
	SMSA's	Non-SMSA's	SMSA's	Non-SMSA's	SMSA's	Non-SMSA's
24-State Area						
Total income.....	130	198	89	77	333	427
Population.....	25	14	21	8	52	23
Per capita income.....	83	160	56	64	185	328
Northeast						
Total income.....	116	150	86	83	301	357
Population.....	21	13	19	15	44	31
Per capita income.....	79	120	56	58	179	249
Southeast						
Total income.....	239	244	107	75	601	502
Population.....	45	12	29	2	87	14
Per capita income.....	134	207	60	72	275	427
Northwest						
Total income.....	236	262	98	64	565	494
Population.....	61	35	28	13	107	53
Per capita income.....	108	187	54	46	221	289

Note.—For definition of regions, see "Regional classification," p. 19.

Southeast nearly doubled from 1929 to 1962, while the increase in non-SMSA's was only 14 percent—less than might have been expected from natural increase (the difference between births and deaths) in population in the area. Major factors inducing the migration were the depressed condition of southeastern agriculture and the growing industrial opportunities for employment in the area's SMSA's.

Among individual SMSA's, the situation was the opposite of that in the Northeast. In two out of three SMSA's in the Southeastern States, total income rose faster from 1929 to 1962 than did income in non-SMSA's.

In the four Northwestern States also, total income grew more rapidly in SMSA's than in non-SMSA's. More rapid population growth and the relative decline of agricultural income were contributing factors.

Population

In each of the three areas—the Northeast, Southeast, and Northwest—population grew much more rapidly in SMSA's than in non-SMSA's. As has already been noted, in the Southeastern States there was a five-fold differential; in the Northwest, the rate in SMSA's was double that in non-SMSA's. In the densely populated Northeast, the population of SMSA's grew only 40 percent more rapidly than that of non-SMSA's.

Per capita income

As a result of the relative changes in total income and population, per capita income rose more in the non-SMSA's of each group of States than the SMSA's. The margin was largest in the Southeastern States (nearly three-fifths), second largest in the Northeast (two-fifths), and smallest in the Northwest (almost one-third). Nevertheless, as the following tabulation shows, the widest relative disparity in per capita income between SMSA's and non-SMSA's remains in the Southeastern States. Also of interest is the fact that per capita income in SMSA's of the Southeastern States is about the same as in non-SMSA's of the other two groups of States—a little higher than non-SMSA's of the Northeast and almost identical to those in the Northwest.

Per Capita Income, 1962

	SMSA's	Non-SMSA's
24 States.....	\$2,715	\$1,693
Northeast.....	2,829	2,000
Southeast.....	2,158	1,385
Northwest.....	2,675	2,160

Summary of SMSA and non-SMSA changes

To explain the above patterns is beyond the scope of this article, although migration studies now underway will provide some answers. With regard to per capita income, however, one may speculate that the section of the population that migrated from the non-metropolitan areas to the metropolitan areas has so far been unable to achieve

the income levels of its new environment and, therefore, has limited the relative rise of average income in SMSA's. This is the root of many of the problems facing metropolitan areas today—notably the central cities. In the meantime, the areas that the migrants left have experienced rapid development and income growth—both total and per capita.

The foregoing summary of overall relative changes in economic conditions in SMSA's and non-SMSA's is limited to the areas covered in this report. It may or may not reflect relationships in other parts of the Nation. This can be determined only upon completion of income estimates for SMSA's and non-SMSA's in the rest of the Nation.

Changes in Total Personal Income—SMSA's

There were wide differences among individual SMSA's in rates of income change from 1929 to 1962. No SMSA experienced a decline. Increases ranged from about 100 percent in the Wilkes Barre-Hazleton, Pennsylvania, SMSA, to 18 times this rate of increase in the Fayetteville, North Carolina, SMSA. In 24 SMSA's—the top one-fourth—the 1929–62 income rise was more than 650 percent, as compared with an average increase of 413 percent for the Nation as a whole. Of these 24 metropolitan areas, 19 are located in the Southeast, while 4 are in the Northwestern part of the country.

In contrast, 11 SMSA's showed increases of 250 percent or less. These are located in a group of States extending from Massachusetts southwest through West Virginia and including New York, Pennsylvania, Rhode Island, and New Jersey. Five of the SMSA's with the slowest rates of growth are in Pennsylvania.

In individual metropolitan areas (and nonmetropolitan areas as well), income generally moved in conformity with changes in State totals over the long-span 1929–62. Of the 55 SMSA's in which income grew faster than in the Nation as a whole, 38 are located in

States with an income uptrend, while 17 are in States with a declining trend in income. Similarly, of the 42 SMSA's in which income rose at a less-than-average rate, 39 are located in States with relatively slow income growth, and only 3 are in States where income is growing rapidly.

Factors affecting income change

Several theories have been used to explain regional differences in rates of income growth. One of the most widely used is the export-base theory. According to this explanation, the economic growth of geographical areas within the Nation depends primarily on changes in the industries that make up its "export-base," that is, those industries producing for "export"—to other areas of the country or abroad—rather than for local consumption. Agriculture, forestry, fishing, manufacturing, mining, and Federal Government are generally considered export-base industries even though a portion of their production—usually quite minor—may serve local consumers. In addition, those parts of several industries that reflect such activities as a regional or national university or re-

search center, a recreational or financial center, or a State government agency are also export-base industries in some degree. A rise in the production of export-base industries brings about a direct increase in employment and income in the area. The payroll increase results in further demands for goods and services produced in the area for local consumption and consequently a payroll expansion in local industries. These induced changes in income at the local level are the result of a "multiplier effect," which is analogous to the multiplier that plays a central role in the theory of national income determination.

In the assessment of the role of an export-base industry (or industries) in regional or local growth, two factors must be taken into account: the importance of the industry as an income source in the area's economy and the rate of change in income produced by the industry.¹ Obviously, an industry that has experienced spectacular growth but that accounts for only a very small proportion of an area's total income may have a comparatively small effect on overall income growth.

For SMSA's, manufacturing, government,² and mining had the greatest impact on changes in income from 1929 to 1962. Nationally, manufacturing payrolls in 1929 accounted for four times as large a proportion of wages and salaries as government payrolls (35 percent, as compared with 9 percent), but government payrolls expanded nearly twice as much from 1929 to 1962 as factory wages and salaries (ninefold,

as compared with fivefold). Geographic variations in these proportions and in rates of change were responsible for differences in the contribution of the two industries to overall income growth in the various areas. Mining payrolls account for only 1 percent of total personal income on a national basis, but because of the high geographic concentration of minerals, the industry exercised significant influence on changes in the income flow in specific locations.

Role of government

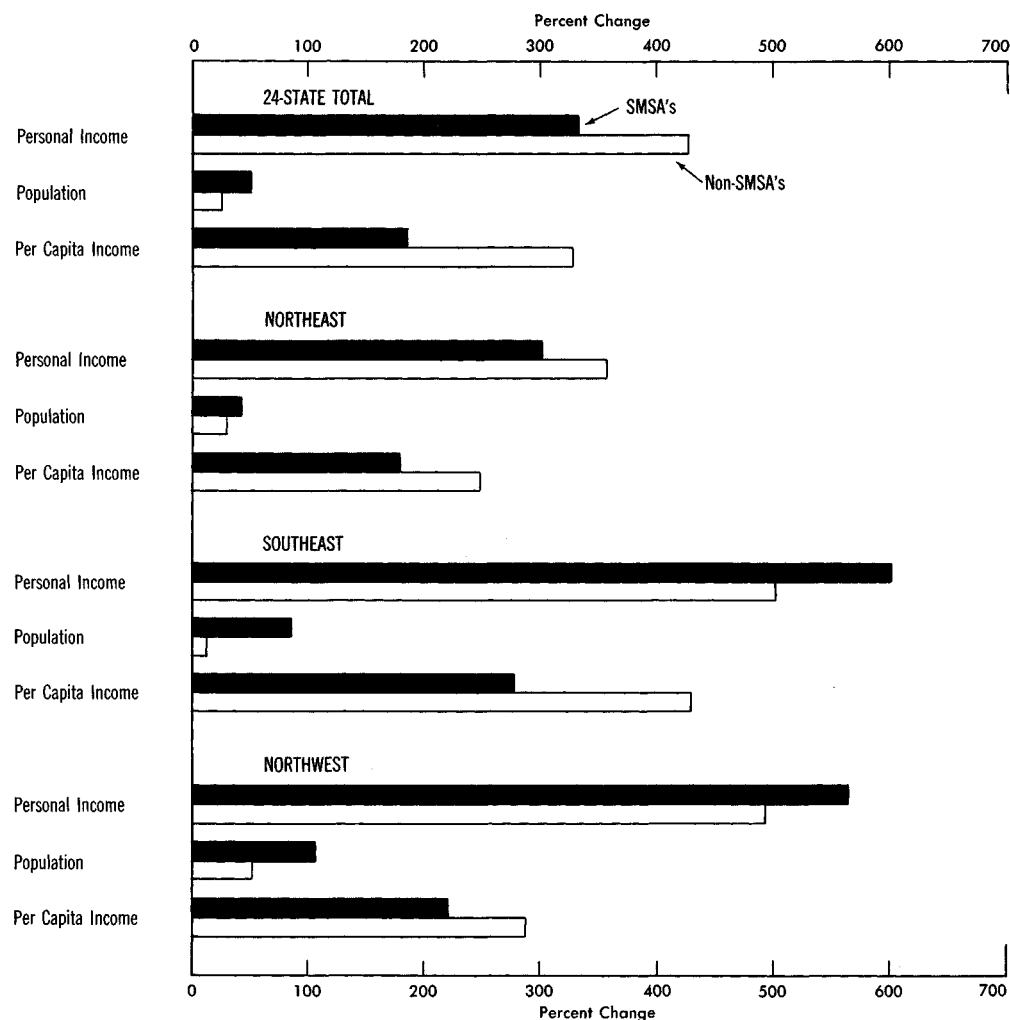
Expanded government payrolls were a major factor in the income increase that characterized all SMSA's from 1929 to 1962. Although there were wide

variations in rates of change among individual SMSA's, in every instance the percentage rise in wages and salaries paid out by governments was more than the average for all other income components combined.

In 18 of the 24 SMSA's with the largest income expansion from 1929 to 1962, the rise in wages and salaries paid out by government was primarily responsible. In three of the remaining six areas, government payrolls played an important but subordinate role. The outstanding examples of economic growth directly attributable to government activity are afforded by Fayetteville, North Carolina; Huntsville, Alabama; Albany, Georgia; Newport

CHART 6

Percent Change in Total Personal Income, Population, and Per Capita Income, 1929-62 by SMSA's and Non-SMSA's



¹ The importance of an industry in accounting for an area's rate of income growth relative to that of the Nation was determined in the following way. Rates of change in total income in the area and in the Nation were calculated. Income in each industry under evaluation (wages and salaries or proprietors' incomes) was then deducted from aggregate income in both the area and the Nation and rates of growth in the resulting partial aggregates were computed. The industry causing the largest relative change in the difference between area and national rates of growth was considered the industry primarily responsible for the area's income experience vis-à-vis the Nation.

² Only the Federal component of total government is usually considered an export-base industry, although State government activities serving areas outside the SMSA are also classed as export-base. Because it was not possible to separate Federal from State and local payrolls in the earlier years of this study, the total is used in this analysis. Such a separation will be made for 1962 and all subsequent years in future publications.

News-Hampton and Norfolk-Portsmouth, Virginia; Columbia, South Carolina; and Augusta and Columbus, Georgia. Each of these SMSA's is the site of one or more major Federal installations.

The overwhelming importance of government as an income source in these eight metropolitan areas is shown in table 3. Government wages and salaries account for as much as one-fourth to one-half of all personal income in these areas. Although the importance of government was much less in earlier years, it was still impressive—ranging from one-tenth to more than one-half in 1950, and from 3 percent to 28 percent in 1929. Reinforcing the weight of government in the income flow is the fact that the 1929–62 expansion in government payrolls in these regions ranged from an increase of a little more than 1,000 percent to gains more than 12 times as large.

Even in SMSA's with below-average rates of total income growth, government payrolls expanded at faster rates than did income from all other sources combined. However, as table 3 shows, government payrolls accounted for a comparatively small proportion of total income in these areas, generally from 5 to 10 percent. Accordingly, their leverage on total income growth was limited.

Mining grows slowly

Declines or very small increases in wages and salaries paid out in the mining industry were the major factor determining the rate of income gain in five of the eight SMSA's with the smallest income increases from 1929 to 1962. In these areas, mining wages and salaries made up from 5 to 35 percent of total income in 1929, and in four of them, mining payrolls declined from 1929 to 1962. To further aggravate the situation, the growth of manufacturing, which was also very important in the income structure of each of these areas, was far below average in three areas, somewhat smaller in one, and only average in the remaining SMSA.

Contribution of manufacturing

Because manufacturing is the primary export-base industry in the United States, variations in its expansion from 1929 to 1962 contributed

substantially to differences in rates of economic growth among SMSA's. Percentage increases in manufacturing payrolls ranged from more than 1,000 percent in several metropolitan areas to less than 200 percent in three SMSA's.

Except for the 23 SMSA's in which government or mining was the major determinant of income growth, manufacturing payrolls played the principal role in setting SMSA trends in total income. Generally speaking, as manufacturing went, so went the entire economy of an SMSA. In the great majority of cases, the change in total personal income in an area, relative to the change for the country as a whole, was the same as in manufacturing.

So dominant was the influence of manufacturing on area rates of income growth that in only 11 metropolitan areas where total income growth was above average did the growth in manufacturing payrolls fall below average, and in only five SMSA's where factory payrolls exceeded the national rate of growth did total income fall somewhat short. In each of these instances, special

factors caused the departure from usual relationships.

Changes in other industries

As one would expect from the export-base theory of regional growth, most other industries in each SMSA changed in accordance with changes in its export-base industries. In some cases, however, the export-base industry cannot be clearly identified. For example, Great Falls and Billings, Montana, and Boise City, Idaho, each serve as a trade center for the surrounding counties beyond the SMSA. Accordingly, a significant portion of retail and wholesale trade in those SMSA's must be classed as export-base. Much of the trade and service industry in Boston, Atlantic City, Atlanta, and Nashville is also export-base. Finally, because of New York's unique position in the Nation's economy, a portion of the product of nearly all major industries in that SMSA is exported to other parts of the country. In these cases, no one or two industries seemed to be the dominant factor in regional growth.

Changes in Total Personal Income—Non-SMSA Areas

Although the main emphasis of this report is on SMSA's, the tables show the income received by residents of the non-SMSA portion of each State. These non-SMSA areas contain approximately one-third of the population of the 24-State area and nearly one-fourth of the areas' total income. From 1929 to 1962, combined income in the non-SMSA areas of the 24 States increased a little faster than in the Nation—427 percent, as compared with 413 percent. The major factors underlying this expansion were the increases in government and manufacturing payrolls. Most of the growth in government payrolls in non-SMSA's was accomplished by 1950 and, to a large extent, represented the establishment of Federal military installations in the South during and immediately prior to World War II. The increased share of factory wages and salaries received in non-SMSA's reflects

the shift of manufacturing from the "old manufacturing belt" to the South, a trend that appears to have operated over the entire 1929–62 span.

For all non-SMSA areas together, increases in manufacturing and government payrolls contributed to the rise in approximately equal proportions. From 1929 to 1962, wages and salaries of government employees in non-SMSA areas increased nearly 14 times, while manufacturing payrolls increased more than 600 percent. So much faster was the rise of income from these two sources in non-SMSA's than in SMSA's that, over this span, the non-SMSA areas increased their share of the 24-State total of income from manufacturing wages and salaries by two-fifths and their share of government payrolls by one-half.

Income changes in non-SMSA areas were heavily influenced by the relative

decline of agriculture as an income source. Gains in farming in non-SMSA areas were smaller than in any other major industry and so tended to limit the overall income gains in non-SMSA areas. With agriculture contributing nearly one-fifth of total income in areas outside of SMSA's in 1929, the small increase in farm income was a very important dampening influence on the rise in total income. If farm income is excluded from the computations, the rate of growth in non-SMSA areas is more than 50 percent larger than that in SMSA's. With farm income included, the differential is less than one-third.

The relative income experience of most individual non-SMSA portions of each State was in accord with the experience of the State as a whole—that is, if income in the State grew faster than the average for the Nation as a whole, so did the non-SMSA portion.

There were four exceptions—New Jersey, Connecticut, Ohio, and Kentucky. Each of the first three States recorded a less-than-average expansion in total income from 1929 to 1962, while the non-SMSA portion of each State scored an above-average gain. In Kentucky, on the other hand, growth of total income over this long span was at a little faster rate than in the Nation, but the non-SMSA part of the State experienced an income lag from 1929 to 1962.

In New Jersey and Ohio, both manufacturing and government were primarily responsible for the improvement in non-SMSA areas. In Connecticut, the relative advance was due almost entirely to an expansion in government payrolls. In the non-SMSA portion of Kentucky, manufacturing and government imparted strong relative boosts to the income flow; however, the effect of these was more than offset by lags in farm income and mining payrolls.

decline of farm income reduced the importance of proprietors' incomes in non-SMSA's and, conversely, increased the importance of other income sources—mainly wages and salaries. In addition, the sizable growth of governmental and manufacturing activities in non-SMSA's also contributed directly to the increases of wages and salaries as an income source in these areas.

As a result of these developments, the income structures of SMSA's and non-SMSA's were much more similar in 1962 than in 1929. The major differences remaining included: the larger importance of wages and salaries in SMSA's (a reflection of the concentration there of the distributive and service industries); and the larger role of proprietors' incomes in non-SMSA's (a result of the presence of farm income). Property income, meanwhile, was of roughly equal importance in the two areas.

Changes in Income Composition

Significant shifts in income composition occurred between 1929 and 1962 in the Nation as a whole and in both SMSA's and non-SMSA's. Table 3 shows the major changes in SMSA's and non-SMSA's. Nationally, wages and salaries rose in importance between 1929 and 1962, as government payrolls expanded greatly. The importance of

private wages and salaries as an income source remained relatively constant over this period, but within the private sector, factory payrolls increased, while other payrolls decreased in importance as income sources. The importance of proprietors' incomes in the Nation's income structure declined one-third from 1929 to 1962 as farm income rose very slowly, and the income of nonfarm proprietors' increased somewhat less than most other income flows. Finally, property income, which accounted for more than one-fifth of personal income in 1929, increased about half as fast as total personal income, and by 1962 made up only one-seventh of all income.

Table B shows that these changes significantly reduced the differences in the composition of incomes received in SMSA's and non-SMSA's. With property income concentrated heavily in SMSA's, the relative reduction of this source of income affected mainly the metropolitan areas and caused concomitant increases in the importance of both wages and salaries. The

Table C.—Range of Differences in Per Capita Income, 1929 and 1962¹

	1929		1962	
	Dollars	Per-cent of U.S.	Dollars	Per-cent of U.S.
SMSA's				
High income SMSA's				
Newark, New Jersey.....	1,181	168	3,449	146
Jersey City, New Jersey.....	959	136	3,338	141
Low income SMSA's				
Charleston, South Carolina.....	427	61	1,581	67
Tuscaloosa, Alabama.....	320	45	1,573	66
Non-SMSA's				
High income non-SMSA's				
New Jersey.....	724	103	2,363	97
Connecticut.....	728	103	2,295	97
Low income Non-SMSA's				
Georgia.....	230	33	1,279	54
Alabama.....	219	31	1,254	53
States in study				
High income States				
Delaware.....	1,037	147	3,014	127
Connecticut.....	991	141	2,936	124
Low income States				
Alabama.....	322	46	1,577	67
South Carolina.....	269	38	1,531	65

¹ Rankings based on 1962 data.

Note.—Comparisons are based on the 24 States covered in this report.

Table B.—Selected Sources of Total Income, by SMSA and Non-SMSA, 1929 and 1962

Selected sources of income	Percent of total income			
	1929		1962	
	97 SMSA's	24 Non-SMSA's	97 SMSA's	24 Non-SMSA's
Total income	100	100	100	100
Wages and salaries—total.....	62	53	70	63
Manufacturing.....	22	16	24	23
Government.....	6	5	11	15
Proprietors' incomes—total.....	11	29	8	15
Farm.....	1	19	(1)	7
Nonfarm.....	10	11	8	8
Property income.....	25	15	14	12

¹ Less than one-half of 1 percent.

Per Capita Personal Income

Per capita personal income (total income divided by total population) is the most comprehensive statistic currently available for measuring differences in economic welfare on a detailed geographic basis. Per capita personal income, it may be noted, includes noncash items such as food and lodging furnished workers in certain industries, the value of food and fuel produced on the farm and consumed by the farm family, and some imputed rent and interest. Because it includes income in kind, comparisons of income differences among areas are more meaningful than those based on money income alone. However, a major weakness of the measure is that it does not take into account regional differences in the cost of living. While price indexes have been constructed to eliminate geographic differences in *changes* in the cost of living over time, there are no satisfactory measures designed to eliminate area differences in living costs at any given time.

Table 1 shows the wide differences in per capita income among the 97 SMSA's covered in this report. These differences are highlighted in the text tables C and D. Per capita income in 1962 for all 97 areas combined was \$2,715. Incomes ranged from a high of \$3,449 in the Newark, New Jersey SMSA to a low of \$1,573 in Tuscaloosa, Alabama—a difference of approximately 120 percent. There were 8 SMSA's in the study with average incomes of more than \$3,000 in 1962. These include Newark, New Jersey (\$3,449); Jersey City, New Jersey (\$3,338); New York, New York (\$3,299); Hartford-New Britain, Connecticut (\$3,260); Wilmington, Delaware (\$3,143); Seattle-Everett, Washington (\$3,091); Washington, D.C. (\$3,043), and Bridgeport-Norwalk-Stamford, Connecticut (\$3,029). All of these SMSA's, with the exception of

Seattle-Everett, are in the Northeast region, with four of them comparatively close to New York City.

In contrast, there were seven SMSA's with per capita income below \$1,700. These included Mobile, Alabama (\$1,699); Gadsden, Alabama (\$1,690); Albany, Georgia (\$1,686); Johnstown, Pennsylvania (\$1,665); Wilmington, North Carolina (\$1,633); Charleston, South Carolina (\$1,581), and Tuscaloosa, Alabama (\$1,573). With the exception of Johnstown, all of these low-income SMSA's are located in States of the Deep South.

Of the 35 southeastern SMSA's covered by the study, in only one—Richmond, Virginia—was per capita income above the national average in each year for which estimates have been made. Atlanta, Greensboro-High Point, Newport News-Hampton and Winston-Salem each were above average in 3 or 4 of the 5 years, while Norfolk-Portsmouth and Charlotte recorded above average incomes in 2 of the 5 years. In contrast, most SMSA's of the Northeast and Northwest had per capita incomes above the national average throughout the 33-year span.

Per capita income in non-SMSA's in 1962 ranged from \$2,303 in New Jersey to \$1,254 in Alabama and averaged \$1,693, nearly two-fifths below the SMSA average. Indeed, of the 97 SMSA's in the study, in only 4 were average incomes in 1962 below the non-SMSA portion of the State in which they were located. These were Fall River-New Bedford, Massachusetts; Atlantic City, New Jersey; Salem, Oregon; and Johnstown, Pennsylvania.

Inequality of income is somewhat less among SMSA's than among non-SMSA's. In 1962, the coefficient of variation in the former areas was 18; among non-SMSA's, it was 20. When coefficients of variation are computed for the States, the disparity in per capita income increases sharply over that shown in either of the two individual series. For the 24 States and the District of Columbia, the coefficient of variation in 1962 was 25.³

The fact that variations in per capita incomes are more pronounced when measured at the State level than when measured at either the SMSA or non-SMSA level reflects the widely different weights with which the relatively high incomes in SMSA's are combined with the relatively low incomes in non-SMSA's. In Massachusetts, for example 37 times as many persons live in SMSA's as in non-SMSA areas; in Idaho, SMSA's account for one-seventh of the State's population.

³ The coefficient of variation is defined as the standard deviation of the per capita income distribution divided by the arithmetic mean of the per capita incomes. The standard deviation is the square root of the mean of the squared deviations of per capita incomes from their arithmetic mean.

Table D.—Distribution of SMSA's by Ratio of Per Capita Income in SMSA to Per Capita Income in United States, 1929 and 1962

Percent of U.S. per capita income	1929			1962		
	Northeast	Northwest	Southeast	Northeast	Northwest	Southeast
30-39.....			1			
40-49.....			2			
50-59.....			2			
60-69.....		1	9			3
70-79.....	1		8	2		8
80-89.....	3	1	5	5	1	13
90-99.....	12	1	4	11	3	6
100-109.....	8	2	1	16	3	3
110-119.....	7	2	2	8	1	2
120-129.....	7	1		6		
130-139.....	6	1	1	3	1	
140-149.....	2			2		
150 plus.....	7					
	53	9	35	53	9	35

Note.—As used here, the Northeast includes the States in OBE's New England and Mideast regions plus Ohio; the Northwest includes Washington, Oregon, Idaho, and Montana; the Southeast includes Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, and Alabama.

Changes in per capita income

Since 1929, there has been an appreciable reduction in per capita income differences among SMSA's, non-SMSA's, and States, as the tabulation below shows. Among SMSA's, this reduction in inequality has resulted from the less-than-average growth rates in high-income SMSA's and the above-average rates of growth among low-

income areas. Although there are exceptions, this generalization is well established in these data.

Coefficients of Variation in Per Capita Income

	1929	1962
97 SMSA's.....	29	18
Non-SMSA's of 24 States.....	38	20
24 States and the District of Columbia.....	41	25

Income by Size of Metropolitan Area

Population size appears to be associated with the level of per capita income among SMSA's. This is clearly reflected in column 1 of table E, which shows that per capita incomes increase as population size of the SMSA increases. This relationship, together with the fact that SMSA's in the Northeastern States are larger than those in the Southeastern part of the country, explains a part of the per capita income differential between the two sections. However, even among SMSA's of the same size group, per capita incomes in the Southeast are still lower than average.

Table F, which relates several aspects of growth to size of SMSA, provides the basis for two generalizations. First, growth in SMSA's has lagged far behind that of the Nation or the non-SMSA portions of the States covered for all income measures listed in the table but not for population. Second, except for population, and perhaps manufacturing income, there is a strong inverse relationship between size of SMSA and rate of growth.

Property income plays a key role in this inverse relationship. In 1929, there was a direct relationship between the size of SMSA and the relative importance of investments as a source of personal income. In the two largest SMSA groups, property income accounted for nearly one-third of total income; in the four smallest, it made up only one-fifth. From 1929 to 1962, property income expanded in most areas at a slower rate than any other major income source. In addition, the smallest relative gains in property income over the period were in the largest SMSA's while the largest increases

occurred in the smallest. As a result, property income limited the expansion of both total and per capita income in inverse proportion to the size of SMSA.

TECHNICAL NOTES

A comprehensive description of the sources of data and methods of estimates used in preparing income estimates in SMSA's will be published upon completion of estimates for the entire country. A description of the general methodology used in constructing the local-area income estimates presented here is contained in an article entitled "Measuring Regional Market Growth" in the January 1959 issue of the *SURVEY*. Although some of the methods and data sources used in this report are new, the methods outlined in the January 1959 *SURVEY* provide a summary picture of the overall approach. The following comments relate to special aspects that should be noted now.

Definition of SMSA's

The classification of standard metropolitan statistical areas used in this report follows Bureau of the Budget definitions as of May 1966, with the following exceptions: In Vermont, which has no "defined" SMSA, Burlington (Chittenden County) is treated as though it were an SMSA. In New

(Continued on page 44)

Table E.—Per Capita Personal Income by Size of SMSA and Area, 1962

Population (thousands)	Dollars				Index, column 1=100		
	All SMSA's in study	Northeast	Northwest	Southeast	Northeast	Northwest	Southeast
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
50-99.....	2,028	2,044	2,403	1,669	101	118	82
100-199.....	2,190	2,437	2,041	2,031	111	93	93
200-399.....	2,165	2,250	2,367	2,044	103	109	94
400-799.....	2,618	2,684	2,303	2,303	103	106	88
800-1,599.....	2,746	2,661	2,915	2,642	97	106	96
1,600-3,199.....	2,877	2,877	-----	-----	100	-----	-----
3,200-6,499.....	2,750	2,750	-----	-----	100	-----	-----
6,500 plus.....	3,299	3,299	-----	-----	100	-----	-----

Table F.—Percent Change in Population and Selected Measures of Personal Income, by Type of Area and Size of SMSA, 1929-62

Growth Measure	United States	24 States in study	Non-SMSA portions	97 SMSA's	SMSA's with Population (in thousands) of:							
					More than 6,400	3,200 to 6,400	1,600 to 3,200	800 to 1,600	400 to 800	200 to 400	100 to 200	50 to 100
					(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Number of SMSA's.....	413	352	427	333	250	271	355	486	357	427	444	532
Population.....	53	41	23	52	43	33	59	88	50	53	59	88
Per capita income.....	236	221	328	185	143	179	186	211	205	244	243	236
Sources of income—												
Manufacturing.....	501	426	630	387	309	343	388	546	367	496	481	473
Government.....	1,006	881	1,364	766	579	667	759	776	765	1,097	1,234	1,374
Property.....	223	158	319	134	75	71	148	280	197	237	239	374

Table 1.—Personal Income, Per Capita Income, and Total

Line		Total personal income												
		(Millions of dollars)					Percent of the United States					Percent increase		
		1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929-50	1950-62	1929-62
1	Total United States	85,803	78,122	226,214	380,963	440,192	100.00	100.00	100.00	100.00	100.00	164	95	413
2	Sum of selected States (24)	47,596	43,162	115,837	188,247	215,306	55.47	55.25	51.21	49.41	48.91	143	86	352
3	Sum of all SMSA counties.....	37,922	33,820	87,055	144,363	164,372	44.20	43.29	38.48	37.89	37.34	130	89	333
4	Sum of all non-SMSA areas.....	9,673	9,342	28,782	43,885	50,935	11.27	11.96	12.72	11.52	11.57	198	77	427
5	Alabama:													
6	Birmingham.....	270	254	766	1,324	1,416	.31	.32	.34	.35	.32	184	85	425
7	Gadsden.....	21	24	100	156	162	.02	.03	.04	.04	.04	369	61	657
8	Huntsville.....	26	23	73	265	334	.03	.03	.03	.07	.08	175	359	1,164
9	Mobile.....	74	73	289	584	641	.09	.09	.13	.15	.15	290	122	765
10	Montgomery.....	67	67	195	337	379	.08	.09	.09	.09	.09	189	95	463
11	Tuscaloosa.....	21	20	83	159	181	.02	.03	.04	.04	.04	303	119	782
12	Sum of SMSA's.....	480	461	1,506	2,824	3,113	.56	.59	.67	.74	.71	214	107	549
13	Non-SMSA area.....	368	326	1,165	1,840	2,123	.43	.42	.51	.48	.48	217	82	477
14	Connecticut:													
15	Bridgeport-Norwalk-Stamford.....	422	377	914	1,720	2,078	.49	.48	.40	.45	.47	117	127	393
16	New Haven-Waterbury.....	446	427	986	1,712	1,962	.52	.55	.44	.45	.45	121	99	340
17	Hartford-New Britain.....	466	457	1,155	2,001	2,349	.54	.59	.51	.53	.53	148	103	404
18	New London-Groton-Norwich.....	89	89	237	457	535	.10	.11	.10	.12	.12	166	126	502
19	Sum of SMSA's.....	1,423	1,351	3,292	5,891	6,924	1.66	1.73	1.46	1.55	1.57	131	110	387
20	Non-SMSA area.....	156	156	407	687	826	.18	.20	.18	.18	.19	160	103	428
21	Delaware:													
22	Wilmington.....	247	276	651	1,180	1,361	.29	.35	.29	.31	.31	163	109	451
23	Sum of SMSA's.....	247	276	651	1,180	1,361	.29	.35	.29	.31	.31	163	109	451
24	Non-SMSA area.....	37	50	152	271	313	.04	.06	.07	.07	.07	311	106	746
25	District of Columbia:													
26	Washington.....	755	1,060	3,017	5,382	6,492	.88	1.36	1.33	1.41	1.47	299	115	759
27	Sum of SMSA's.....	755	1,060	3,017	5,382	6,492	.88	1.36	1.33	1.41	1.47	299	115	759
28	Georgia:													
29	Albany.....	12	14	51	120	144	.01	.02	.02	.03	.03	339	181	1,136
30	Atlanta.....	335	339	1,192	2,395	2,839	.39	.43	.53	.63	.64	256	138	748
31	Augusta.....	53	54	201	366	483	.06	.07	.09	.10	.11	276	140	804
32	Columbus.....	45	61	236	366	411	.05	.08	.10	.10	.09	427	74	817
33	Macon.....	45	42	157	301	358	.05	.05	.07	.08	.08	246	128	688
34	Savannah.....	65	60	195	345	357	.08	.08	.09	.09	.08	199	84	448
35	Sum of SMSA's.....	555	571	2,032	3,894	4,592	.65	.73	.90	1.02	1.04	266	126	727
36	Non-SMSA area.....	469	487	1,548	2,384	2,774	.55	.62	.68	.63	.63	230	79	491
37	Idaho:													
38	Boise City.....	26	32	101	197	227	.03	.04	.04	.05	.05	286	124	766
39	Sum of SMSA's.....	26	32	101	197	227	.03	.04	.04	.05	.05	286	124	766
40	Non-SMSA area.....	198	203	662	1,033	1,186	.23	.26	.29	.27	.27	234	79	498
41	Kentucky:													
42	Lexington.....	54	41	123	272	333	.06	.05	.05	.07	.08	130	171	523
43	Sum of SMSA's.....	54	41	123	272	333	.06	.05	.05	.07	.08	130	171	523
44	Non-SMSA area.....	534	494	1,546	2,260	2,703	.62	.63	.68	.59	.61	190	75	406
45	Maine:													
46	Portland.....	115	104	228	396	431	.13	.13	.10	.10	.10	98	89	273
47	Lewiston-Auburn.....	46	45	115	165	175	.05	.06	.05	.04	.04	152	52	283
48	Sum of SMSA's.....	161	149	343	560	605	.19	.19	.15	.15	.14	113	76	276
49	Non-SMSA area.....	315	288	744	1,143	1,279	.37	.37	.33	.30	.29	137	72	307
50	Maryland:													
51	Baltimore.....	950	946	2,406	3,960	4,551	1.11	1.21	1.06	1.04	1.03	153	89	379
52	Sum of SMSA's.....	950	946	2,406	3,960	4,551	1.11	1.21	1.06	1.04	1.03	153	89	379
53	Non-SMSA area.....	221	221	672	1,160	1,444	.26	.28	.30	.30	.33	204	115	552
54	Massachusetts:													
55	Boston.....	2,769	2,344	5,119	8,354	9,588	3.23	3.00	2.26	2.19	2.18	85	87	246
56	Fall River-New Bedford.....	244	232	587	786	905	.28	.30	.26	.21	.21	140	54	271
57	Pittsfield.....	93	87	205	319	388	.11	.11	.09	.08	.09	122	89	319
58	Springfield-Chicopee-Holyoke.....	318	288	747	1,190	1,305	.37	.37	.33	.31	.30	135	75	310
59	Worcester.....	369	355	861	1,245	1,427	.43	.45	.38	.33	.32	133	66	287
60	Sum of SMSA's.....	3,793	3,305	7,519	11,894	13,613	4.42	4.23	3.32	3.12	3.09	98	81	259
61	Non-SMSA area.....	63	62	154	265	313	.07	.08	.07	.07	.07	146	104	401
62	Montana:													
63	Billings.....	22	28	91	186	196	.03	.04	.04	.05	.04	305	115	771
64	Great Falls.....	34	30	96	165	195	.04	.04	.04	.04	.04	185	103	479
65	Sum of SMSA's.....	56	57	187	351	391	.07	.07	.08	.09	.09	233	109	596
66	Non-SMSA area.....	259	258	775	994	1,190	.30	.33	.34	.26	.27	199	54	360
67	New Hampshire:													
68	Manchester.....	112	97	245	399	477	.13	.12	.11	.10	.11	118	95	325
69	Sum of SMSA's.....	112	97	245	399	477	.13	.12	.11	.10	.11	118	95	325
70	Non-SMSA area.....	208	184	443	804	922	.24	.24	.20	.21	.21	113	108	344
71	New Jersey:													
72	Atlantic City.....	104	76	187	308	371	.12	.10	.08	.08	.08	80	98	257
73	Jersey City.....	593	522	1,137	1,637	1,842	.69	.67	.50	.43	.42	92	62	211
74	Newark.....	1,341	1,194	2,786	4,723	5,511	1.56	1.53	1.23	1.24	1.25	108	98	311
75	Paterson-Clifton-Passaic.....	536	528	1,537	2,837	3,344	.62	.68	.68	.74	.76	187	117	524
76	Trenton.....	155	165	427	757	805	.18	.21	.19	.20	.18	175	89	419
77	Sum of SMSA's.....	2,729	2,485	6,075	10,263	11,874	3.18	3.18	2.69	2.69	2.70	123	95	335
78	Non-SMSA area.....	443	421	1,249	2,642	3,185	.52	.54	.55	.69	.72	182	155	619
79	New York:													
80	Albany-Schenectady-Troy.....	498	441	964	1,494	1,680	.58	.56	.43	.39	.38	94	74	237
81	Binghamton.....	133	126	326	577	695	.16	.16	.14	.15	.16	144	113	422
82	Buffalo.....	842	766	1,859	3,150	3,318	.98	.98	.82	.83	.75	121	78	294
83	New York.....	10,676	8,657	20,462	32,473	37,374	12.44	11.08	9.05	8.52	8.49	92	83	250
84	Rochester.....	488	450	1,056	1,922	2,159	.57	.58	.47	.50	.49	116	104	342
85	Syracuse.....	335	287	710	1,224	1,432	.39	.37	.31	.32	.33	112	102	327
86	Utica-Rome.....	186	160	419	704	760	.22	.20	.19	.18	.17	125	81	308
87	Sum of SMSA's.....	13,160	10,888	25,797	41,543	47,417	15.34	13.94	11.40	10.90	10.77	96	84	260
88	Non-SMSA area.....	1,234	1,020	2,721	4,175	4,816	1.44	1.31	1.20	1.10	1.09	121	77	290

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	Total United States					Sum of selected States (24)					Sum of all SMSA counties				
Total personal income.....	85,803.0	78,122.0	226,214.0	380,963.0	440,192.0	47,595.6	43,161.6	115,837.0	188,247.5	215,306.4	37,922.3	33,819.8	87,055.5	144,362.9	164,371.5
Total wage and salary disbursements.....	50,331.0	49,651.0	145,314.0	255,579.0	293,625.0	28,539.0	28,159.4	77,294.7	129,407.6	146,919.6	23,422.5	22,721.0	60,566.5	101,602.7	115,079.4
Private.....	45,498.0	41,393.0	124,401.0	212,585.0	240,162.0	25,875.6	23,531.8	66,319.5	107,815.5	120,797.8	21,270.3	19,155.8	52,597.4	86,149.8	96,440.8
Government.....	4,833.0	8,258.0	20,913.0	42,994.0	53,463.0	2,663.4	4,627.6	10,975.2	21,592.1	26,121.8	2,152.2	3,565.2	7,969.1	15,452.9	18,638.7
Other labor income.....	561.0	687.0	3,822.0	11,252.0	13,877.0	318.5	395.7	2,084.2	5,793.4	7,069.2	259.1	321.0	1,620.1	4,556.9	5,554.0
Proprietors' income.....	15,108.0	13,045.0	37,475.0	46,550.0	50,111.0	6,982.0	6,003.1	16,036.7	19,981.2	21,380.8	4,145.3	3,703.4	9,348.8	12,985.3	13,717.0
Property income.....	18,446.0	12,281.0	27,394.0	48,862.0	59,582.0	11,035.9	7,309.7	14,010.1	23,485.6	28,472.5	9,582.5	6,135.0	11,168.9	18,762.5	22,386.3
Transfer payments.....	1,496.0	3,114.0	15,072.0	26,594.0	33,286.0	807.0	1,668.7	7,956.8	13,510.0	16,531.5	582.0	1,240.9	5,522.7	9,504.2	11,559.9
Less: Personal contributions for social insurance.....	139.0	656.0	2,863.0	7,874.0	10,291.0	86.9	375.0	1,545.2	3,930.2	5,067.3	69.1	301.6	1,171.5	3,048.5	3,925.1
Total earnings.....	66,000.0	63,383.0	186,611.0	313,381.0	357,613.0	35,839.6	34,558.2	95,415.6	155,182.1	175,369.7	27,827.0	26,745.4	71,535.4	119,144.8	134,350.5
	Sum of non-SMSA areas					Birmingham, Ala.					Gadsden, Ala.				
Total personal income.....	9,673.3	9,341.8	28,781.6	43,884.6	50,934.8	269.8	253.6	766.3	1,323.8	1,416.1	21.4	23.9	100.1	155.6	161.6
Total wage and salary disbursements.....	5,116.5	5,438.4	16,728.1	27,804.9	31,840.2	204.5	194.5	536.9	947.6	999.1	13.5	16.1	63.1	110.1	108.8
Private.....	4,605.3	4,376.1	13,722.0	21,665.7	24,357.0	189.8	176.2	497.6	861.2	893.0	12.6	14.1	58.5	98.7	95.0
Government.....	511.2	1,062.3	3,006.1	6,139.2	7,483.2	14.7	18.3	39.2	86.3	106.1	.8	2.0	4.6	11.3	13.7
Other labor income.....	59.4	74.7	464.1	1,236.5	1,515.2	2.1	2.4	14.8	46.8	53.3	.1	.2	1.9	6.0	6.3
Proprietors' income.....	2,836.7	2,299.7	6,688.0	6,995.9	7,663.8	23.7	25.1	70.1	103.7	102.1	4.9	4.7	16.1	15.0	14.9
Property income.....	1,453.5	1,174.6	2,841.1	4,723.1	6,086.2	36.7	28.0	99.8	167.0	189.2	2.5	2.5	11.0	15.2	19.9
Transfer payments.....	225.0	427.8	2,434.1	4,005.8	4,971.6	3.1	6.2	55.5	86.9	108.1	.4	.8	9.3	12.5	15.4
Less: Personal contributions for social insurance.....	17.7	73.3	373.7	881.7	1,142.2	.2	2.6	10.9	28.1	35.7	(1)	.2	1.3	3.1	3.8
Total earnings.....	8,012.6	7,812.7	23,880.2	36,037.3	41,019.2	230.3	222.0	621.9	1,098.1	1,154.5	18.5	20.9	81.1	131.1	130.0
	Huntsville, Ala.					Mobile, Ala.					Montgomery, Ala.				
Total personal income.....	26.4	22.6	72.8	264.6	333.8	74.2	73.4	289.0	584.2	641.3	67.4	67.5	194.9	337.3	379.3
Total wage and salary disbursements.....	9.9	11.5	38.0	183.3	239.1	45.0	50.5	208.6	437.9	476.5	39.4	46.1	132.6	234.3	261.0
Private.....	8.7	7.5	29.8	100.3	144.1	40.2	40.2	164.5	307.8	321.1	33.5	28.0	91.5	149.2	161.8
Government.....	1.2	4.0	8.2	83.0	95.0	4.8	10.3	44.1	130.1	155.5	6.0	18.1	41.1	85.1	99.2
Other labor income.....	.1	.1	.9	4.5	7.9	.5	.6	5.1	15.2	18.5	.4	.4	2.2	7.0	8.6
Proprietors' income.....	12.3	8.2	21.3	38.0	37.6	11.6	12.8	38.6	64.3	62.0	11.8	10.1	29.0	44.2	43.2
Property income.....	3.6	2.0	6.1	28.6	37.6	16.1	8.2	16.7	39.4	50.3	15.0	9.6	18.6	36.5	48.0
Transfer payments.....	.5	1.0	7.4	16.5	21.3	1.0	2.1	25.0	43.2	54.5	.9	1.9	15.5	22.2	27.9
Less: Personal contributions for social insurance.....	(1)	.2	1.0	6.4	9.6	.1	.7	5.0	15.8	20.7	.1	.7	3.0	7.0	9.4
Total earnings.....	22.3	19.8	60.2	225.9	284.6	57.1	63.8	252.3	517.4	557.1	51.6	56.6	163.7	285.6	312.9
	Tuscaloosa, Ala.					Sum of SMSA's in Alabama					Non-SMSA area in Alabama				
Total personal income.....	20.5	20.1	82.7	158.5	180.8	479.7	461.0	1,505.9	2,824.1	3,113.0	368.0	326.0	1,165.0	1,839.6	2,122.6
Total wage and salary disbursements.....	11.5	12.4	53.3	111.0	125.9	323.9	331.1	1,032.5	2,024.2	2,210.3	144.5	172.0	604.0	1,121.8	1,311.4
Private.....	10.6	10.0	41.5	82.8	92.1	295.5	275.9	883.5	1,600.1	1,707.1	123.0	120.7	477.3	796.8	920.7
Government.....	.9	2.4	11.8	28.1	33.8	28.4	55.1	149.0	424.1	503.2	21.5	51.3	126.8	325.0	390.7
Other labor income.....	.1	.1	1.3	4.8	5.8	3.2	3.8	26.2	84.3	100.6	1.5	2.0	15.9	48.1	61.7
Proprietors' income.....	5.8	4.9	13.3	19.0	18.4	70.2	65.7	188.4	284.2	278.2	180.7	117.1	360.5	362.9	351.4
Property income.....	2.7	2.2	8.2	15.5	20.3	76.7	52.4	160.5	302.2	365.4	33.6	23.1	72.7	152.5	200.1
Transfer payments.....	.4	.7	7.9	11.7	15.1	6.2	12.7	120.8	192.9	242.4	8.3	15.6	128.0	189.2	247.4
Less: Personal contributions for social insurance.....	(1)	.2	1.3	3.4	4.6	.5	4.6	22.5	63.8	83.9	.7	3.8	16.2	35.0	49.4
Total earnings.....	17.5	17.5	67.9	134.7	150.1	397.3	400.5	1,247.1	2,392.7	2,589.1	326.7	291.1	980.5	1,532.8	1,724.5
	Bridgeport-Norwalk-Stamford, Conn.					New Haven-Waterbury, Conn.					Hartford-New Britain, Conn.				
Total personal income.....	421.7	377.5	914.0	1,720.5	2,078.0	446.3	427.5	985.8	1,711.7	1,961.7	466.2	457.4	1,155.5	2,001.1	2,349.0
Total wage and salary disbursements.....	241.1	242.7	614.1	1,148.3	1,377.2	284.6	283.3	656.6	1,171.0	1,305.2	305.4	322.9	828.6	1,452.8	1,691.1
Private.....	226.5	220.9	574.2	1,055.3	1,262.8	264.0	253.7	610.9	1,059.7	1,168.5	285.6	294.3	768.8	1,324.5	1,532.7
Government.....	14.5	21.8	39.9	93.0	114.4	20.7	29.6	45.7	111.3	136.6	19.9	28.6	59.8	128.3	158.4
Other labor income.....	2.2	2.8	17.5	59.4	75.6	2.6	3.4	19.3	60.8	71.1	2.8	3.9	24.9	77.0	97.4
Proprietors' income.....	40.4	37.9	113.0	190.2	217.3	40.6	40.6	91.1	140.4	150.8	35.6	36.9	100.1	144.9	157.6
Property income.....	133.4	87.4	133.7	257.5	336.7	112.9	92.6	176.6	259.3	346.6	117.4	87.6	165.0	255.4	327.6
Transfer payments.....	5.1	9.3	45.6	96.6	115.7	6.2	11.0	53.5	112.6	130.5	5.5	9.8	49.7	108.6	127.0
Less: Personal contributions for social insurance.....	.5	2.7	10.0	31.5	44.4	.6	3.4	11.4	32.5	42.6	.6	3.5	12.8	37.6	51.7
Total earnings.....	283.6	283.5	744.6	1,397.8	1,670.1	327.8	327.3	767.1	1,372.3	1,527.1	343.8	363.7	953.6	1,674.7	1,946.1

¹ Less than \$50,000.

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	New London-Groton-Norwich, Conn.					Sum of SMSA's in Connecticut					Non-SMSA area in Connecticut				
Total personal income.....	88.9	88.7	236.7	457.2	535.1	1,423.1	1,351.1	3,291.9	5,890.5	6,923.8	156.4	155.5	407.4	697.3	826.3
Total wage and salary disbursements.....	56.4	55.3	151.1	319.4	359.4	887.5	904.2	2,250.4	4,091.6	4,732.8	86.1	89.2	240.2	406.9	482.9
Private.....	49.8	45.2	113.4	238.9	270.1	825.9	814.1	2,067.3	3,678.4	4,234.1	81.1	80.3	213.9	341.1	401.7
Government.....	6.6	10.1	37.7	80.5	89.2	61.7	90.1	183.1	413.2	498.7	5.0	8.9	26.3	65.8	81.2
Other labor income.....	.5	.6	3.6	14.3	17.4	8.1	10.7	65.4	211.4	261.6	.8	1.0	7.0	19.6	24.8
Proprietors' income.....	10.3	9.1	25.8	31.0	36.8	126.8	124.5	330.0	506.5	562.6	22.3	19.4	54.8	81.5	87.0
Property income.....	20.4	20.9	45.1	74.2	101.5	384.0	288.4	520.5	846.5	1,112.3	44.9	41.4	85.9	137.6	185.8
Transfer payments.....	.5	3.4	13.7	26.2	30.5	18.3	33.5	162.5	344.0	403.8	2.6	5.5	23.7	53.5	62.0
Less: Personal contributions for social insurance.....	.1	.6	2.6	7.9	10.5	1.7	10.3	36.9	109.5	149.3	.2	1.0	4.2	11.8	16.2
Total earnings.....	67.2	65.0	180.5	364.7	413.7	1,022.4	1,039.5	2,645.8	4,809.6	5,557.0	109.2	109.6	302.0	508.0	594.7
	Wilmington, Del.-Maryland-New Jersey					Sum of SMSA'S in Delaware					Non-SMSA area in Delaware				
Total personal income.....	247.2	276.2	650.6	1,179.6	1,360.7	247.2	276.2	650.6	1,179.6	1,360.7	37.0	49.7	152.1	271.4	313.2
Total wage and salary disbursements.....	130.0	157.1	404.3	794.4	917.8	130.0	157.1	404.3	794.4	917.8	16.6	22.0	80.7	165.5	191.9
Private.....	122.4	144.8	369.1	689.2	788.7	122.4	144.8	369.1	689.2	788.7	13.8	16.5	69.7	111.4	126.9
Government.....	7.6	12.4	35.2	105.2	129.1	7.6	12.4	35.2	105.2	129.1	2.7	5.5	11.0	54.1	65.0
Other labor income.....	1.2	1.9	11.3	37.4	46.8	1.2	1.9	11.3	37.4	46.8	.1	.2	2.1	5.8	7.3
Proprietors' income.....	22.3	22.0	60.8	79.5	85.9	22.3	22.0	60.8	79.5	85.9	13.8	16.6	46.7	52.3	57.1
Property income.....	91.3	92.2	154.7	233.8	265.6	91.3	92.2	154.7	233.8	265.6	5.7	9.7	16.9	35.3	40.5
Transfer payments.....	2.7	4.7	26.2	54.6	70.6	2.7	4.7	26.2	54.6	70.6	.8	1.4	6.7	16.0	21.1
Less: Personal contributions for social insurance.....	.2	1.6	6.7	20.1	26.0	.2	1.6	6.7	20.1	26.0	.1	.2	1.1	3.6	4.5
Total earnings.....	153.4	181.0	476.4	911.3	1,050.4	153.4	181.0	476.4	911.3	1,050.4	30.6	38.8	129.5	223.6	256.2
	Washington, D.C.-Maryland-Virginia					Sum of SMSA's in District of Columbia					Albany, Ga.				
Total personal income.....	755.3	1,060.1	3,016.9	5,381.5	6,491.7	755.3	1,060.1	3,016.9	5,381.5	6,491.7	11.7	13.9	51.2	119.8	144.1
Total wage and salary disbursements.....	467.6	729.5	2,164.0	3,972.2	4,853.1	467.6	729.5	2,164.0	3,972.2	4,853.1	7.3	8.7	36.7	90.6	109.5
Private.....	280.8	370.3	1,074.6	2,015.3	2,546.8	280.8	370.3	1,074.6	2,015.3	2,546.8	7.0	7.8	27.5	51.9	63.6
Government.....	186.8	359.3	1,089.4	1,956.8	2,306.3	186.8	359.3	1,089.4	1,956.8	2,306.3	.4	1.0	9.2	38.7	45.8
Other labor income.....	4.5	11.4	23.3	78.4	115.5	4.5	11.4	23.3	78.4	115.5	.1	.1	.7	2.4	3.4
Proprietors' income.....	83.2	103.9	265.0	400.3	424.4	83.2	103.9	265.0	400.3	424.4	2.0	3.3	6.5	11.8	11.9
Property income.....	186.8	187.7	415.3	715.2	839.9	186.8	187.7	415.3	715.2	839.9	2.2	1.5	4.5	10.6	14.0
Transfer payments.....	18.5	37.8	215.5	373.3	468.2	18.5	37.8	215.5	373.3	468.2	.2	.4	3.4	6.7	8.7
Less: Personal contributions for social insurance.....	5.2	10.3	66.2	157.9	209.3	5.2	10.3	66.2	157.9	209.3	(1)	.1	.6	2.4	3.4
Total earnings.....	555.3	844.9	2,452.3	4,450.9	5,392.9	555.3	844.9	2,452.3	4,450.9	5,392.9	9.3	12.1	43.9	104.9	121.8
	Atlanta, Ga.					Augusta, Ga.-South Carolina					Columbus, Ga.-Alabama				
Total personal income.....	334.9	339.4	1,192.1	2,395.4	2,839.0	53.4	54.5	201.0	366.2	482.9	44.9	61.2	236.5	366.4	411.2
Total wage and salary disbursements.....	226.5	235.3	832.1	1,731.8	2,053.3	35.1	36.2	140.8	276.8	375.7	30.6	46.0	181.8	283.3	313.2
Private.....	206.5	198.2	712.2	1,501.7	1,767.3	31.8	29.5	97.4	189.4	231.2	22.3	26.9	98.2	141.0	157.3
Government.....	20.1	37.1	119.9	230.0	286.0	3.3	6.6	43.4	87.3	144.6	8.3	19.1	83.6	142.3	155.9
Other labor income.....	2.1	2.9	18.6	73.7	95.0	.3	.4	2.8	10.7	14.5	.2	.4	2.9	7.6	9.3
Proprietors' income.....	44.4	45.4	125.6	209.0	216.3	9.5	9.6	23.0	26.8	29.1	5.9	7.1	19.8	30.8	31.1
Property income.....	58.5	50.7	158.5	312.2	398.2	8.0	7.1	23.5	36.9	46.6	7.7	6.7	20.9	31.4	41.4
Transfer payments.....	3.7	7.7	74.3	122.2	150.7	.7	1.6	13.5	22.3	27.1	.6	1.5	13.4	19.2	24.0
Less: Personal Contributions for social insurance.....	.4	2.5	17.0	53.5	74.3	.1	.4	2.6	7.4	10.2	.1	.4	2.3	5.9	7.8
Total earnings.....	273.1	283.5	976.3	2,014.5	2,364.5	44.8	46.2	166.6	314.3	419.3	36.7	53.4	204.5	321.7	353.6
	Macon, Ga.					Savannah, Ga.					Sum of SMSA's in Georgia				
Total personal income.....	45.4	41.8	156.8	301.3	357.5	65.2	60.0	194.8	345.1	357.5	555.4	570.8	2,032.3	3,894.2	4,592.2
Total wage and salary disbursements.....	29.2	27.8	108.1	217.5	257.9	42.1	42.6	137.5	260.8	258.6	370.9	396.6	1,437.0	2,860.7	3,368.2
Private.....	26.7	22.4	81.9	142.5	156.6	36.8	34.0	116.0	205.2	209.1	331.0	318.8	1,133.2	2,231.9	2,585.1
Government.....	2.5	5.4	26.3	75.0	101.3	5.3	8.7	21.5	55.5	49.5	39.9	77.8	303.8	628.8	783.1
Other labor income.....	.3	.3	2.2	7.3	9.2	.4	.5	3.9	9.6	11.0	3.3	4.5	31.2	111.4	142.5
Proprietors' income.....	7.6	7.5	19.5	31.8	32.8	7.2	7.8	24.5	29.7	30.7	76.5	80.7	219.0	340.0	351.9
Property income.....	7.8	5.3	16.5	30.9	40.6	14.9	8.0	17.8	30.3	39.8	99.0	79.4	241.6	452.4	580.6
Transfer payments.....	.6	1.2	13.0	22.0	27.6	.7	1.6	14.0	22.3	26.8	6.4	13.9	131.7	214.7	264.8
Less: Personal contributions for social insurance.....	.1	.3	2.6	8.1	10.6	.1	.5	2.9	7.6	9.4	.7	4.3	28.1	85.0	115.7
Total earnings.....	37.0	35.6	129.9	256.6	299.9	49.7	50.9	165.9	300.1	300.3	450.7	481.8	1,687.1	3,312.1	3,862.5

¹ Less than \$50,000.

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
Non-SMSA area in Georgia						Boise City, Idaho					Sum of SMSA's in Idaho				
Total personal income.....	469.3	487.3	1,548.3	2,384.4	2,774.0	26.2	31.8	101.3	196.7	227.2	26.2	31.8	101.3	196.7	227.2
Total wage and salary disbursements.....	198.4	249.7	800.5	1,461.5	1,706.2	14.8	20.6	65.4	128.6	147.5	14.8	20.6	65.4	128.6	147.5
Private.....	171.3	189.2	673.8	1,150.0	1,315.5	12.1	14.4	53.7	104.3	118.1	12.1	14.4	53.7	104.3	118.1
Government.....	27.2	60.5	126.6	311.5	390.7	2.7	6.1	11.6	24.3	29.4	2.7	6.1	11.6	24.3	29.4
Other labor income.....	1.6	2.8	21.3	64.8	81.9	.2	.4	1.7	5.5	6.4	.2	.4	1.7	5.5	6.4
Proprietors' income.....	228.4	184.6	489.1	496.6	531.5	6.5	7.2	19.4	27.5	29.1	6.5	7.2	19.4	27.5	29.1
Property income.....	32.3	33.6	99.9	176.1	230.6	4.3	2.8	9.8	25.8	33.6	4.3	2.8	9.8	25.8	33.6
Transfer payments.....	9.7	19.5	154.9	232.2	288.1	.5	1.0	6.4	13.0	15.7	.5	1.0	6.4	13.0	15.7
Less: Personal contributions for social insurance.....	1.1	3.0	17.3	46.8	64.3	(1)	.2	1.3	3.8	5.2	(1)	.2	1.3	3.8	5.2
Total earnings.....	428.4	437.1	1,310.9	2,022.9	2,319.6	21.5	28.2	86.5	161.6	183.0	21.5	28.2	86.5	161.6	183.0
Non-SMSA area in Idaho						Lexington, Ky.					Sum of SMSA's in Kentucky				
Total personal income.....	198.3	203.3	662.5	1,033.0	1,185.8	53.5	41.0	123.0	272.1	333.3	53.5	41.0	123.0	272.1	333.3
Total wage and salary disbursements.....	104.2	114.0	345.0	584.3	675.9	28.8	26.6	84.8	182.7	225.9	28.8	26.6	84.8	182.7	225.9
Private.....	91.5	87.4	292.4	463.2	527.5	26.5	22.1	69.6	151.2	182.0	26.5	22.1	69.6	151.2	182.0
Government.....	12.7	26.7	52.6	121.1	148.5	2.3	4.5	15.2	31.5	43.8	2.3	4.5	15.2	31.5	43.8
Other labor income.....	1.5	1.9	8.8	24.2	28.5	.4	.4	2.3	8.0	10.5	.4	.4	2.3	8.0	10.5
Proprietors' income.....	69.9	62.9	214.3	251.6	262.5	8.0	5.8	15.6	39.7	43.8	8.0	5.8	15.6	39.7	43.8
Property income.....	19.1	16.2	57.9	113.7	149.0	15.5	7.4	13.0	29.6	38.3	15.5	7.4	13.0	29.6	38.3
Transfer payments.....	4.0	9.6	44.3	76.8	93.3	.8	1.2	9.0	18.0	23.1	.8	1.2	9.0	18.0	23.1
Less: Personal contributions for social insurance.....	.3	1.2	7.5	17.6	23.4	(1)	.4	1.7	6.0	8.3	(1)	.4	1.7	6.0	8.3
Total earnings.....	175.5	178.8	568.1	860.1	966.9	37.2	32.8	102.7	230.5	280.2	37.2	32.8	102.7	230.5	280.2
Non-SMSA area in Kentucky						Portland, Maine					Lewiston-Auburn, Maine				
Total personal income.....	533.8	494.3	1,546.3	2,259.8	2,703.1	115.3	103.8	228.0	395.6	430.5	45.7	45.2	115.2	164.6	174.9
Total wage and salary disbursements.....	235.7	263.2	829.2	1,283.7	1,500.9	68.0	66.0	151.1	273.9	298.2	29.9	30.4	77.8	110.9	115.0
Private.....	204.1	188.6	610.9	900.8	1,000.9	61.1	55.3	134.8	235.9	251.1	28.2	27.5	73.5	101.4	103.5
Government.....	31.5	74.6	218.2	382.9	500.0	6.9	10.7	16.3	37.9	47.1	1.7	2.8	4.3	9.5	11.5
Other labor income.....	3.2	3.6	25.6	53.4	62.9	.7	.9	3.8	11.5	13.4	.3	.4	2.3	5.6	6.1
Proprietors' income.....	234.8	172.5	454.8	533.8	628.8	13.7	12.4	28.3	37.4	36.0	4.7	4.3	13.1	16.3	16.3
Property income.....	44.5	35.9	96.4	171.9	224.7	30.6	21.7	32.9	50.9	58.1	9.8	8.8	15.9	20.8	23.6
Transfer payments.....	16.6	24.5	156.9	256.8	337.4	2.3	3.5	14.8	30.2	35.4	1.1	1.7	7.3	14.1	17.9
Less: Personal contributions for social insurance.....	1.0	5.4	16.7	39.8	51.6	.1	.7	3.0	8.2	10.5	(1)	.3	1.3	3.2	4.0
Total earnings.....	473.7	439.3	1,309.6	1,870.8	2,192.6	82.5	79.3	183.2	322.7	347.5	34.8	35.0	93.3	132.8	137.5
Sum of SMSA's in Maine						Non-SMSA area in Maine					Baltimore, Md.				
Total personal income.....	161.0	149.0	343.1	560.2	605.4	314.6	288.4	744.1	1,142.9	1,279.4	950.1	945.8	2,405.6	3,959.9	4,550.9
Total wage and salary disbursements.....	97.9	96.4	228.9	384.8	413.2	169.0	168.6	450.1	736.0	832.0	552.2	627.3	1,691.3	2,868.1	3,299.7
Private.....	89.3	82.9	208.3	337.4	354.6	152.5	138.6	384.1	557.0	619.6	478.5	526.2	1,423.0	2,369.5	2,671.3
Government.....	8.6	13.5	20.7	47.4	58.6	16.5	30.1	66.1	179.0	212.4	73.7	101.1	268.4	498.6	628.3
Other labor income.....	1.0	1.2	6.1	17.1	19.5	1.7	2.0	12.0	30.3	37.2	6.4	8.8	44.0	138.7	170.8
Proprietors' income.....	18.4	16.7	41.5	53.6	52.3	70.5	49.7	136.4	146.2	147.1	104.4	106.5	259.2	309.7	345.0
Property income.....	40.4	30.5	48.8	71.7	81.7	64.7	54.6	94.5	139.8	160.2	276.5	153.6	312.9	494.4	549.1
Transfer payments.....	3.5	5.2	22.1	44.4	53.3	9.1	15.3	60.2	113.6	132.9	12.9	27.2	130.7	236.6	301.9
Less: Personal contributions for social insurance.....	.1	1.0	4.2	11.4	14.5	.4	1.8	9.2	22.9	29.9	2.3	7.6	32.4	87.6	115.6
Total earnings.....	117.3	114.3	276.5	455.5	485.0	241.2	220.4	598.6	912.5	1,016.3	663.0	742.5	1,994.5	3,316.6	3,815.5
Sum of SMSA's in Maryland						Non-SMSA area in Maryland					Boston, Mass.				
Total personal income.....	950.1	945.8	2,405.6	3,959.9	4,550.9	221.3	220.9	672.3	1,159.6	1,443.6	2,768.5	2,343.9	5,119.0	8,353.9	9,587.9
Total wage and salary disbursements.....	552.2	627.3	1,691.3	2,868.1	3,299.7	110.7	122.9	414.3	789.7	942.7	1,679.5	1,498.7	3,525.7	5,899.0	6,741.0
Private.....	478.5	526.2	1,423.0	2,369.5	2,671.3	93.8	98.2	299.9	494.1	577.1	1,529.5	1,252.5	3,020.1	5,012.3	5,695.6
Government.....	73.7	101.1	268.4	498.6	628.3	16.9	24.6	114.4	295.6	365.6	150.0	246.2	505.6	886.7	1,045.4
Other labor income.....	6.4	8.8	44.0	138.7	170.8	1.3	1.7	8.2	28.1	37.7	15.9	17.3	88.5	256.1	318.4
Proprietors' income.....	104.4	106.5	259.2	309.7	345.0	62.9	51.1	135.9	145.9	168.7	274.1	220.7	477.5	646.4	706.3
Property income.....	276.5	183.6	312.9	494.4	549.1	42.2	37.0	79.0	133.1	219.0	761.9	521.5	720.5	1,111.5	1,309.8
Transfer payments.....	12.9	27.2	130.7	236.6	301.9	4.9	9.9	44.8	90.0	112.0	41.7	103.7	371.2	612.4	740.6
Less: Personal contributions for social insurance.....	2.3	7.6	32.4	87.6	115.6	.7	1.7	9.7	27.2	36.5	4.5	18.1	64.4	171.6	228.3
Total earnings.....	663.0	742.5	1,994.5	3,316.6	3,815.5	174.9	175.6	558.4	963.7	1,149.1	1,969.4	1,736.8	4,091.7	6,801.5	7,765.8

¹ Less than \$50,000.

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	Fall River-New Bedford, Mass.					Pittsfield, Mass.					Springfield-Chicopee-Holyoke, Mass.				
Total personal income	244.2	231.6	586.6	786.5	905.4	92.7	86.8	205.5	318.5	388.2	318.4	287.5	746.8	1,189.6	1,304.6
Total wage and salary disbursements.....	167.8	156.5	404.4	531.7	596.2	58.6	56.7	138.0	213.7	262.3	210.6	200.0	548.2	865.8	933.2
Private.....	150.4	129.3	370.7	466.1	517.1	55.9	51.5	128.1	195.7	240.5	192.8	170.7	468.9	718.9	759.9
Government.....	17.4	27.2	33.7	65.6	79.1	2.7	5.3	9.9	18.0	21.8	17.8	29.3	79.3	147.0	173.2
Other labor income.....	1.6	1.9	12.7	27.4	33.5	.6	.7	4.3	11.3	15.4	2.0	2.5	15.1	40.6	46.9
Proprietors' income.....	23.9	19.6	50.1	60.8	68.2	8.8	7.6	20.4	30.8	34.3	36.1	28.6	68.4	91.3	91.9
Property income.....	46.6	43.0	78.1	106.2	135.6	23.2	18.1	29.7	42.4	53.9	64.3	45.7	73.5	123.1	148.7
Transfer payments.....	5.0	12.5	47.8	75.7	92.3	1.7	4.3	15.4	26.3	31.0	5.9	13.1	51.1	93.3	115.0
Less: Personal contributions for social insurance.....	.5	1.9	6.5	15.4	20.2	.1	.6	2.3	6.1	8.7	.6	2.4	9.6	24.6	31.0
Total earnings	193.2	178.0	467.2	619.9	697.9	68.0	65.1	162.6	255.9	312.1	248.8	231.1	631.8	997.8	1,071.9
	Worcester, Mass.					Sum of SMSA's in Massachusetts					Non-SMSA area in Massachusetts				
Total personal income	368.8	354.8	860.8	1,245.2	1,427.2	3,792.7	3,304.6	7,518.6	11,893.6	13,613.4	62.6	62.0	153.7	265.2	313.3
Total wage and salary disbursements.....	243.8	243.8	611.2	876.8	1,000.5	2,360.2	2,155.8	5,227.5	8,387.0	9,533.2	29.8	33.2	94.0	163.6	190.4
Private.....	223.9	211.1	550.0	781.3	885.2	2,152.5	1,815.1	4,537.8	7,174.3	8,098.3	27.3	27.9	74.1	115.0	135.1
Government.....	19.9	32.7	61.2	95.4	115.3	207.8	340.7	689.7	1,212.7	1,434.9	2.5	5.3	19.9	48.6	55.4
Other labor income.....	2.3	3.0	18.8	46.4	57.0	22.3	25.5	139.3	381.9	471.3	.3	.4	2.0	5.3	6.9
Proprietors' income.....	31.1	27.2	74.5	94.9	99.0	374.0	303.7	690.9	924.3	999.6	12.2	11.4	24.4	33.1	37.0
Property income.....	85.5	67.1	103.6	143.9	178.5	981.4	695.4	1,005.5	1,527.2	1,826.5	19.0	14.1	22.0	42.0	52.9
Transfer payments.....	6.7	16.4	62.7	108.2	125.5	61.0	150.1	548.1	915.8	1,104.3	1.3	3.2	13.2	26.1	32.6
Less: Personal contributions for social insurance.....	.6	2.7	9.9	24.9	33.2	6.3	25.7	92.7	242.5	321.5	.1	.4	1.8	4.9	6.5
Total earnings	277.2	274.0	704.5	1,018.1	1,156.5	2,756.6	2,484.9	6,057.7	9,693.1	11,004.1	42.3	45.1	120.3	202.0	234.3
	Billings, Mont.					Great Falls, Mont.					Sum of SMSA's in Montana				
Total personal income	22.5	27.8	91.1	185.9	195.9	33.6	29.7	96.0	164.6	194.7	56.1	57.5	187.0	350.5	390.6
Total wage and salary disbursements.....	13.8	17.2	55.3	117.3	122.8	23.2	19.7	60.7	107.5	130.7	37.0	36.9	116.0	224.7	253.5
Private.....	12.2	14.5	48.4	103.1	105.2	21.0	16.8	47.8	78.3	97.5	33.3	31.3	96.2	181.4	202.7
Government.....	1.6	2.7	6.9	14.1	17.6	2.2	2.9	12.9	29.2	33.2	3.7	5.6	19.8	43.3	50.8
Other labor income.....	.2	.4	1.5	5.6	5.9	.4	.4	1.5	4.1	5.3	.6	.8	3.0	9.8	11.2
Proprietors' income.....	5.0	6.5	20.1	27.5	28.6	4.4	5.4	19.8	20.3	24.3	9.4	12.0	39.9	47.8	52.9
Property income.....	3.1	2.8	10.6	28.5	30.5	5.2	3.1	10.1	25.2	27.0	8.3	5.9	20.7	53.7	57.6
Transfer payments.....	.4	1.1	4.9	11.4	13.2	.5	1.3	5.2	10.9	12.1	.9	2.3	10.1	22.4	25.3
Less: Personal contributions for social insurance.....	(1)	.2	1.3	4.4	5.1	.1	.3	1.3	3.5	4.6	.1	.5	2.6	7.8	9.7
Total earnings	19.0	24.1	76.9	150.3	157.3	28.0	25.6	82.0	131.9	160.2	47.0	49.7	158.9	282.3	317.5
	Non-SMSA area in Montana					Manchester, New Hampshire					Sum of SMSA's in New Hampshire				
Total personal income	258.7	258.5	774.9	994.4	1,190.2	112.2	96.7	244.6	398.9	477.5	112.2	96.7	244.6	398.9	477.5
Total wage and salary disbursements.....	165.5	147.3	362.6	543.4	625.3	76.6	66.8	171.0	280.2	338.9	76.6	66.8	171.0	280.2	338.9
Private.....	140.7	111.0	298.5	414.1	456.4	69.3	55.9	157.7	254.6	303.2	69.3	55.9	157.7	254.6	303.2
Government.....	24.8	36.3	64.1	129.3	168.9	7.3	11.0	13.3	25.6	35.7	7.3	11.0	13.3	25.6	35.7
Other labor income.....	2.3	2.6	9.8	21.7	26.4	.6	.8	5.4	15.5	19.7	.6	.8	5.4	15.5	19.7
Proprietors' income.....	50.1	73.0	294.8	227.6	322.1	11.0	8.7	22.8	30.9	32.1	11.0	8.7	22.8	30.9	32.1
Property income.....	36.5	25.3	71.7	136.2	145.9	22.1	17.1	32.5	51.0	63.4	22.1	17.1	32.5	51.0	63.4
Transfer payments.....	5.1	12.3	45.8	88.0	98.1	2.1	3.9	15.8	29.3	35.1	2.1	3.9	15.8	29.3	35.1
Less: Personal contributions for social insurance.....	.6	2.0	9.8	22.4	27.7	.2	.6	3.0	8.0	11.7	.2	.6	3.0	8.0	11.7
Total earnings	217.9	222.9	667.2	792.7	973.8	88.2	76.4	199.2	326.6	390.7	88.2	76.4	199.2	326.6	390.7
	Non-SMSA area in New Hampshire					Atlantic City, N.J.					Jersey City, N.J.				
Total personal income	207.6	184.3	442.6	803.6	921.7	103.9	76.0	187.4	308.5	370.9	592.8	522.4	1,136.6	1,637.2	1,842.3
Total wage and salary disbursements.....	127.5	114.5	278.4	536.6	607.1	55.4	47.0	121.3	189.2	228.5	433.8	407.4	867.2	1,293.8	1,436.5
Private.....	111.8	92.5	235.6	407.4	464.2	49.4	35.6	103.5	156.8	188.4	392.4	354.4	792.3	1,172.2	1,279.0
Government.....	15.7	22.0	42.7	129.2	142.9	6.0	11.5	17.8	32.4	40.1	41.4	53.0	74.9	121.6	157.6
Other labor income.....	1.0	1.4	7.8	24.5	29.7	.5	.5	2.8	8.0	10.5	4.7	5.9	29.8	73.0	87.5
Proprietors' income.....	31.6	25.7	61.2	82.7	88.8	22.1	13.6	34.7	42.7	45.4	50.2	39.5	92.3	94.1	96.6
Property income.....	43.3	35.3	64.4	111.5	137.6	24.2	12.5	17.1	42.8	54.7	97.2	60.7	97.9	100.3	136.2
Transfer payments.....	4.6	8.6	36.9	64.4	80.8	1.8	3.3	14.1	32.1	40.2	8.1	16.3	68.2	112.7	132.4
Less: Personal contributions for social insurance.....	.4	1.3	6.1	16.0	22.3	.2	1.0	2.7	6.3	8.5	1.2	7.5	19.0	36.6	46.9
Total earnings	160.1	141.6	347.4	643.7	725.6	78.1	61.2	158.8	239.9	284.5	488.7	452.9	989.3	1,460.8	1,620.6

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	Newark, N.J.					Paterson-Clifton-Passaic, N.J.					Trenton, N.J.				
Total personal income.....	1,341.3	1,193.7	2,786.4	4,723.2	5,511.4	535.7	527.8	1,537.4	2,836.7	3,343.7	155.2	165.1	426.9	757.5	805.2
Total wage and salary disbursements.....	798.0	798.3	1,930.8	3,330.6	3,836.0	318.7	337.2	1,006.8	1,891.9	2,234.8	103.6	116.1	304.4	547.3	590.3
Private.....	734.3	708.4	1,774.5	3,013.2	3,441.7	291.5	294.8	935.6	1,715.8	2,017.5	87.7	92.2	265.2	461.9	485.0
Government.....	63.7	89.9	156.3	317.5	394.3	27.1	42.4	71.1	176.0	217.3	15.9	24.0	39.3	85.3	105.3
Other labor income.....	9.0	11.8	62.7	181.1	223.3	3.6	5.1	33.8	106.4	132.7	1.0	1.5	9.3	27.7	31.2
Proprietors' income.....	142.3	120.9	316.0	403.3	454.4	69.0	62.6	198.1	320.8	346.2	15.3	14.4	39.4	53.5	59.6
Property income.....	377.6	244.8	379.7	636.3	785.1	137.5	114.0	241.4	397.7	488.6	33.3	30.1	59.6	100.6	88.7
Transfer payments.....	16.2	31.4	134.6	266.0	338.4	7.8	15.5	77.4	176.0	217.4	2.5	5.3	20.5	44.3	55.2
Less: Personal contributions for social insurance.....	1.9	13.6	37.5	94.1	125.9	.9	6.5	20.0	56.1	76.0	.4	2.2	6.2	15.8	19.8
Total earnings.....	949.4	931.0	2,309.5	3,915.0	4,513.8	391.3	404.9	1,238.6	2,319.1	2,713.7	119.8	132.0	353.1	628.4	681.1
	Sum of SMSA's in New Jersey					Non-SMSA area in New Jersey					Albany-Schenectady-Troy, N.Y.				
Total personal income.....	2,728.9	2,485.0	6,074.7	10,263.1	11,873.5	443.0	421.3	1,249.0	2,642.3	3,184.7	498.3	441.0	964.4	1,494.0	1,679.7
Total wage and salary disbursements.....	1,709.5	1,706.1	4,230.5	7,252.7	8,326.2	241.6	263.3	828.5	1,722.4	2,059.7	331.3	317.9	695.8	1,091.8	1,222.4
Private.....	1,555.4	1,485.4	3,871.1	6,519.8	7,411.6	217.1	222.6	685.1	1,399.4	1,668.0	299.9	259.6	586.8	867.7	936.1
Government.....	154.1	220.7	359.4	732.9	914.6	24.5	40.8	143.4	323.1	391.7	31.4	58.3	109.0	224.2	286.3
Other labor income.....	18.9	24.9	138.4	396.1	485.2	2.5	3.7	23.8	86.2	110.8	3.5	4.6	18.0	45.5	51.6
Proprietors' income.....	298.8	251.0	680.5	914.4	1,002.3	79.2	67.4	207.2	297.4	328.1	51.3	44.6	89.0	109.8	115.2
Property income.....	669.8	462.1	795.8	1,277.6	1,553.3	112.9	78.4	133.7	394.8	508.7	104.1	62.5	114.0	161.5	187.5
Transfer payments.....	36.4	71.8	314.9	631.0	783.6	7.3	13.6	74.5	195.8	250.4	9.5	16.9	64.7	122.7	145.8
Less: Personal contributions for social insurance.....	4.6	30.8	85.4	208.8	277.1	.6	5.1	18.7	54.4	73.0	1.4	5.4	17.2	37.4	42.9
Total earnings.....	2,027.2	1,982.0	5,049.4	8,563.3	9,813.7	323.4	334.4	1,059.5	2,106.0	2,498.6	386.1	367.0	802.9	1,247.2	1,389.2
	Binghamton, N.Y.-Pennsylvania					Buffalo, N.Y.					New York, N.Y.				
Total personal income.....	133.3	126.3	325.8	576.9	695.3	841.9	766.4	1,859.3	3,149.9	3,317.7	10,676.3	8,656.8	20,462.2	32,473.0	37,373.6
Total wage and salary disbursements.....	80.5	80.6	213.0	394.5	482.3	573.6	556.4	1,349.7	2,273.7	2,354.5	5,990.8	5,432.8	14,149.7	22,352.3	25,564.8
Private.....	74.0	69.5	183.2	341.2	417.1	527.0	481.2	1,234.7	2,018.0	2,049.7	5,501.6	4,638.4	12,660.6	19,586.2	22,244.6
Government.....	6.5	11.2	29.8	53.3	65.2	46.6	75.2	115.0	255.7	304.9	489.1	794.3	1,489.1	2,766.0	3,320.2
Other labor income.....	.9	1.2	6.0	19.1	25.5	6.4	8.3	41.0	108.8	119.5	70.3	83.8	370.9	926.1	1,133.4
Proprietors' income.....	22.2	16.9	36.1	53.4	53.2	72.0	64.5	151.8	221.3	236.4	1,150.6	971.9	2,214.0	3,136.3	3,344.6
Property income.....	26.9	22.5	50.1	75.8	93.1	176.2	113.3	229.7	373.3	401.1	3,335.6	1,906.2	2,881.2	4,799.1	5,822.8
Transfer payments.....	3.2	6.3	25.6	46.6	57.1	16.0	32.2	114.1	240.3	283.9	151.0	338.0	1,104.2	1,923.6	2,338.6
Less: Personal contributions for social insurance.....	.3	1.2	5.0	12.4	15.9	2.2	8.3	27.1	67.4	77.8	21.8	75.9	257.7	664.4	830.6
Total earnings.....	103.6	98.7	255.1	467.0	561.0	651.9	629.2	1,542.6	2,603.7	2,710.5	7,211.6	6,488.4	16,734.6	26,414.7	30,042.8
	Rochester, N.Y.					Syracuse, N.Y.					Utica-Rome, N.Y.				
Total personal income.....	488.4	450.3	1,056.4	1,921.7	2,159.2	335.2	287.2	710.5	1,223.8	1,432.2	186.2	159.8	418.7	703.8	759.6
Total wage and salary disbursements.....	305.1	304.6	716.4	1,348.4	1,492.9	224.6	201.2	494.4	858.7	1,020.7	111.7	104.1	279.9	501.9	535.3
Private.....	280.2	265.4	648.6	1,215.6	1,330.3	207.6	173.2	442.3	749.5	874.5	103.3	90.4	242.4	389.2	400.8
Government.....	24.8	39.1	67.8	132.8	162.6	17.0	28.0	52.1	109.2	146.2	8.3	13.8	37.5	112.6	134.5
Other labor income.....	3.3	4.5	21.1	68.2	79.2	2.5	3.0	13.9	39.7	49.6	1.2	1.5	8.2	22.5	24.9
Proprietors' income.....	51.1	46.8	112.9	152.0	164.5	42.8	34.4	80.6	113.2	118.0	27.7	22.7	55.6	58.5	60.0
Property income.....	120.7	78.3	157.4	262.8	316.8	59.1	38.1	83.1	142.5	163.4	41.9	25.5	49.0	75.0	84.5
Transfer payments.....	9.4	20.4	62.2	128.6	152.4	6.9	13.3	48.8	96.5	113.9	4.2	7.4	32.2	62.1	73.5
Less: Personal contributions for social insurance.....	1.2	4.2	13.6	38.2	46.6	.8	2.9	10.4	26.7	33.4	.4	1.5	6.2	16.2	18.6
Total earnings.....	359.5	355.9	850.4	1,568.5	1,736.7	270.0	238.7	588.9	1,011.6	1,188.3	140.6	128.4	343.7	582.9	620.3
	Sum of SMSA's in New York					Non-SMSA area in New York					Asheville, N.C.				
Total personal income.....	13,159.6	10,887.8	25,797.3	41,543.1	47,417.2	1,233.8	1,019.7	2,721.2	4,175.3	4,816.4	42.0	46.4	144.1	227.0	263.1
Total wage and salary disbursements.....	7,617.5	6,997.6	17,898.9	28,821.1	32,673.0	644.3	595.6	1,717.6	2,795.7	3,124.2	27.3	32.0	96.0	155.4	177.5
Private.....	6,993.7	5,977.7	15,998.6	25,167.3	28,253.0	613.2	530.4	1,410.7	2,210.4	2,429.0	25.0	27.3	80.1	134.1	147.8
Government.....	623.8	1,019.9	1,900.3	3,653.8	4,420.0	31.1	65.3	306.9	585.4	695.2	2.3	4.7	15.9	21.3	29.7
Other labor income.....	88.1	106.9	479.3	1,230.0	1,483.7	7.8	10.0	45.1	118.9	139.2	.2	.3	2.2	6.8	8.2
Proprietors' income.....	1,417.7	1,201.8	2,740.1	3,844.5	4,092.1	246.7	190.1	479.6	488.6	492.9	8.0	8.7	22.1	27.1	28.9
Property income.....	3,864.5	2,246.5	3,564.5	5,890.1	7,069.2	309.5	183.9	317.3	469.0	691.0	5.8	4.5	15.3	26.1	33.8
Transfer payments.....	200.1	434.4	1,451.8	2,620.2	3,165.1	27.3	47.8	204.4	395.8	476.7	.7	1.2	10.7	16.7	21.5
Less: Personal contributions for social insurance.....	28.3	99.4	337.2	862.8	1,065.8	1.9	7.6	42.6	92.7	107.7	.1	.4	2.2	5.1	6.8
Total earnings.....	9,123.3	8,306.3	21,118.3	33,895.6	38,248.8	898.9	795.7	2,242.2	3,403.2	3,756.3	35.6	41.0	120.3	189.3	214.6

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	Charlotte, N.C.					Durham, N.C.					Fayetteville, N.C.				
Total personal income.....	92.8	110.9	355.1	685.1	848.3	37.0	31.2	120.4	194.8	242.1	16.2	27.3	148.2	233.8	308.7
Total wage and salary disbursements.....	62.4	81.2	248.2	488.6	610.6	23.4	19.9	80.1	136.3	170.2	11.3	21.2	119.4	182.7	245.6
Private.....	58.0	74.7	224.5	453.5	560.3	21.8	16.7	72.5	119.6	147.7	6.9	9.1	35.4	55.4	69.8
Government.....	4.4	6.6	23.7	35.1	50.4	1.7	3.1	7.6	16.7	22.4	4.5	12.2	84.0	127.3	175.8
Other labor income.....	.4	.8	5.5	20.1	27.4	.2	.2	1.9	5.8	7.8	.1	.1	1.0	2.5	3.5
Proprietors' income.....	15.6	16.2	46.1	74.7	81.1	5.9	4.7	15.3	19.8	21.4	3.8	4.0	12.5	21.3	24.3
Property income.....	13.4	11.5	40.3	84.1	109.4	7.1	5.1	15.5	24.3	31.5	.8	1.7	9.7	20.0	26.1
Transfer payments.....	1.1	2.0	19.4	32.5	41.2	.4	1.5	9.1	12.8	17.3	.2	.4	6.8	10.0	13.2
Less: Personal contributions for social insurance.....	.1	.8	4.4	14.8	21.4	(1)	.2	1.5	4.1	6.0	(1)	.1	1.2	2.7	4.0
Total Earnings.....	78.4	98.3	299.7	583.3	719.1	29.5	24.8	97.3	161.9	199.4	15.2	25.3	132.9	206.6	273.4
	Greensboro-High Point, N.C.					Raleigh, N.C.					Wilmington, N.C.				
Total personal income.....	80.4	88.6	303.6	539.3	659.4	43.1	51.3	162.5	303.9	372.1	30.8	26.9	85.7	131.9	153.9
Total wage and salary disbursements.....	55.8	65.8	213.8	388.4	476.6	27.5	35.2	102.3	207.3	254.0	18.1	17.7	56.8	87.9	101.0
Private.....	52.1	60.8	198.1	353.2	429.8	22.2	23.8	80.1	155.2	189.3	17.0	15.3	47.4	70.9	78.9
Government.....	3.6	5.0	15.7	35.2	46.9	5.3	11.4	22.3	52.1	64.7	1.1	2.4	9.4	16.9	22.1
Other labor income.....	.4	.7	5.8	18.7	24.4	.2	.4	2.1	7.0	9.2	.2	.2	1.1	3.1	3.9
Proprietors' income.....	9.9	11.4	40.2	56.5	61.3	10.9	10.4	32.7	42.1	48.1	6.4	5.5	15.3	18.2	20.2
Property income.....	13.5	9.6	31.0	61.4	79.8	3.8	4.6	17.9	35.6	46.1	5.8	3.0	7.5	14.0	18.1
Transfer payments.....	.9	1.8	16.8	25.7	33.9	.6	1.1	10.0	18.3	23.6	.4	.7	6.6	11.9	14.7
Less: Personal contributions for social insurance.....	.1	.6	3.9	11.6	16.6	.1	.4	2.4	6.4	8.9	(1)	.3	1.5	3.1	4.0
Total earnings.....	66.0	77.9	259.8	463.6	562.3	38.7	45.9	137.1	256.4	311.3	24.7	23.4	73.1	109.2	125.0
	Winston-Salem, N.C.					Sum of SMSA's in North Carolina					Non-SMSA area in North Carolina				
Total personal income.....	102.1	62.2	215.6	430.9	502.7	444.4	444.9	1,535.2	2,746.7	3,350.5	599.5	709.9	2,683.8	3,984.5	4,827.5
Total wage and salary disbursements.....	49.7	37.3	152.0	320.5	368.5	275.5	310.3	1,068.4	1,967.1	2,403.9	293.1	400.9	1,453.8	2,522.7	2,990.2
Private.....	46.5	32.5	139.4	288.9	338.4	249.5	260.2	877.5	1,640.8	1,962.0	255.9	327.7	1,187.4	1,978.1	2,288.8
Government.....	3.2	4.8	12.5	21.6	30.1	26.0	50.1	190.9	326.3	441.9	37.2	73.3	266.4	544.6	691.4
Other labor income.....	.3	.4	4.7	17.3	20.9	2.0	3.0	24.4	81.4	105.3	2.0	3.7	37.6	110.8	139.4
Proprietors' income.....	11.4	8.3	27.1	33.8	36.4	71.9	69.1	211.1	293.4	321.8	248.1	231.0	810.7	771.1	949.6
Property income.....	40.1	15.3	21.7	47.9	62.0	90.3	55.3	158.8	313.4	406.8	55.2	56.1	209.6	349.8	456.4
Transfer payments.....	.7	1.4	13.0	20.6	27.5	5.1	10.3	92.4	148.5	192.9	12.2	22.4	202.6	303.6	392.6
Less: Personal contributions for social insurance.....	.1	.4	2.8	9.3	12.5	.4	3.1	20.0	57.1	80.2	1.1	4.2	30.4	73.5	100.6
Total earnings.....	61.4	45.9	183.8	371.6	425.8	349.4	382.4	1,304.0	2,341.9	2,831.0	543.2	635.6	2,302.1	3,404.6	4,079.1
	Akron, Ohio					Canton, Ohio					Cleveland, Ohio				
Total personal income.....	297.0	274.4	795.3	1,332.2	1,540.8	181.3	165.7	482.9	781.0	814.3	1,370.9	1,174.4	3,089.3	5,204.0	5,633.6
Total wage and salary disbursements.....	221.8	205.5	577.4	962.4	1,120.8	128.8	120.8	347.5	566.4	578.1	902.1	824.7	2,170.8	3,716.5	3,972.7
Private.....	204.4	178.5	535.7	878.0	1,017.9	120.9	109.0	329.7	529.9	533.5	835.6	730.5	2,051.0	3,476.7	3,684.8
Government.....	17.4	27.0	41.7	84.4	102.9	7.9	11.7	17.8	36.5	44.6	66.6	94.2	119.8	239.7	287.9
Other labor income.....	2.7	3.0	18.5	52.0	66.2	1.6	1.8	10.8	31.4	34.9	11.2	11.8	64.1	190.0	221.2
Proprietors' income.....	34.1	31.5	77.6	103.6	104.9	22.1	20.0	53.0	65.0	66.3	159.0	147.4	376.5	456.2	459.8
Property income.....	32.9	27.7	88.3	159.2	181.5	25.6	18.8	52.0	83.9	88.5	280.0	164.6	376.0	661.0	760.5
Transfer payments.....	5.8	8.9	43.3	82.7	105.5	3.3	5.7	25.8	50.4	66.6	20.0	35.4	138.9	284.8	354.4
Less: Personal contribution for social insurance.....	.4	2.3	9.8	27.6	38.2	.2	1.4	6.1	16.1	20.1	1.4	9.5	36.9	104.4	135.1
Total earnings.....	258.6	240.0	673.5	1,117.9	1,291.9	152.5	142.7	411.3	662.7	679.2	1,072.3	983.9	2,611.4	4,362.6	4,653.7
	Columbus, Ohio					Dayton, Ohio					Hamilton-Middletown, Ohio				
Total personal income.....	372.4	327.7	984.3	1,847.0	2,067.2	295.7	294.5	964.9	1,801.8	2,012.3	77.0	76.1	231.6	432.7	485.1
Total wage and salary disbursements.....	245.5	220.6	662.8	1,332.6	1,488.4	198.8	206.4	681.8	1,329.5	1,473.0	56.3	57.3	169.5	312.2	338.1
Private.....	217.7	177.8	566.3	1,074.4	1,191.0	182.4	181.4	562.4	1,070.8	1,168.5	52.4	51.6	154.3	276.9	295.1
Government.....	27.8	42.8	96.5	258.2	297.4	16.4	25.1	119.4	258.7	304.5	3.9	5.8	15.2	35.4	43.0
Other labor income.....	3.4	3.3	16.8	57.1	70.6	2.4	3.0	18.6	63.3	76.7	.7	.9	5.2	16.7	19.8
Proprietors' income.....	62.5	51.0	143.1	178.4	182.2	47.4	40.5	110.0	141.7	146.2	8.4	6.8	19.4	36.2	37.0
Property income.....	55.2	43.0	123.1	218.2	251.8	41.9	36.6	120.8	212.1	247.4	10.1	9.2	28.1	50.8	66.2
Transfer payments.....	6.4	13.2	52.7	102.5	130.1	5.7	10.2	46.9	95.6	122.5	1.7	2.6	12.3	26.0	36.1
Less: Personal contributions for social insurance.....	.5	3.2	14.3	41.7	55.8	.4	2.3	13.2	40.4	53.4	.1	.6	2.9	9.2	12.1
Total earnings.....	311.3	274.8	822.7	1,568.1	1,741.2	248.5	250.0	810.4	1,534.5	1,695.8	65.3	65.0	194.1	365.1	394.9

¹ Less than \$50,000.

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	Erie, Pa.					Harrisburg, Pa.					Johnstown, Pa.				
Total personal income.....	129.7	116.8	340.2	494.3	557.5	194.9	189.2	493.8	840.3	903.7	147.5	139.4	320.9	417.5	459.8
Total wage and salary disbursements.....	83.8	80.0	234.7	337.5	381.0	135.9	140.6	352.9	605.8	658.7	117.3	108.2	219.0	277.9	301.3
Private.....	76.7	69.5	213.8	308.8	346.6	118.7	99.2	275.4	445.4	461.0	110.0	93.5	205.7	246.1	262.8
Government.....	7.2	10.5	20.9	28.7	34.4	17.3	41.3	77.5	160.4	197.7	7.4	14.8	13.3	31.8	38.5
Other labor income.....	.8	1.1	6.5	17.3	21.7	1.5	1.7	7.4	21.8	25.5	1.5	1.5	7.9	13.7	16.1
Proprietors' income.....	15.6	15.4	39.0	47.1	47.4	25.7	20.1	50.5	76.2	75.4	14.3	12.5	28.7	41.5	40.4
Property income.....	27.3	16.6	37.4	58.1	70.7	28.8	21.5	50.0	92.2	89.2	11.4	11.6	29.8	38.5	49.0
Transfer payments.....	2.3	4.6	27.0	44.3	49.6	3.4	7.6	42.0	66.0	81.2	3.3	6.8	39.8	54.7	63.8
Less: Personal contributions for social insurance.....	.2	1.0	4.4	9.9	12.8	.4	2.3	9.0	21.7	26.2	.3	1.2	4.3	8.9	10.9
Total earnings.....	100.3	96.6	280.1	401.9	450.1	163.1	162.4	410.8	703.8	759.6	133.1	122.2	255.6	333.1	357.9
	Lancaster, Pa.					Philadelphia, Pa.-New Jersey					Pittsburgh, Pa.				
Total personal income.....	130.8	122.3	379.3	608.7	675.9	3,065.6	2,586.7	6,414.9	10,741.1	12,050.3	1,770.7	1,496.5	3,675.7	5,723.9	5,970.8
Total wage and salary disbursements.....	74.0	74.0	235.4	406.3	453.3	1,765.4	1,719.7	4,409.9	7,483.7	8,376.6	1,223.1	1,083.8	2,602.3	3,995.1	4,133.5
Private.....	68.3	64.9	209.5	369.8	409.6	1,617.7	1,511.2	3,956.7	6,429.5	7,139.4	1,146.9	961.4	2,453.8	3,666.6	3,740.8
Government.....	5.7	9.1	25.9	36.4	43.7	147.7	208.5	453.2	1,054.2	1,237.2	76.2	122.4	148.5	328.5	392.7
Other labor income.....	.7	1.0	6.4	20.5	25.4	20.2	24.1	120.0	338.6	418.0	13.0	15.4	74.5	196.0	217.1
Proprietors' income.....	31.8	26.4	77.1	87.7	85.5	294.5	285.6	717.2	1,051.0	1,087.9	131.6	118.0	287.3	445.1	453.4
Property income.....	22.1	17.5	40.4	68.3	81.9	947.6	485.7	788.5	1,375.1	1,606.6	379.5	235.2	448.7	762.8	783.4
Transfer payments.....	2.5	4.2	24.2	37.4	44.7	42.1	92.7	457.9	713.1	844.7	26.0	56.8	310.0	442.1	524.7
Less: Personal contributions for social insurance.....	.2	.8	4.1	11.5	14.8	4.3	21.1	78.6	220.5	283.5	2.4	12.7	47.2	117.2	141.4
Total earnings.....	106.5	101.5	318.8	514.5	564.2	2,080.2	2,029.5	5,247.1	8,873.3	9,882.5	1,367.7	1,217.2	2,964.2	4,636.2	4,804.1
	Reading, Pa.					Scranton, Pa.					Wilkes Barre-Hazleton, Pa.				
Total personal income.....	179.3	155.8	406.1	603.5	662.7	190.0	140.8	316.5	432.5	465.7	307.1	221.1	512.1	600.5	626.6
Total wage and salary disbursements.....	117.4	108.9	283.0	414.3	466.4	123.3	91.9	207.9	286.4	303.3	210.4	153.9	353.1	403.8	410.8
Private.....	109.4	95.6	268.1	381.6	426.8	111.3	71.9	191.4	252.7	262.6	197.5	129.9	329.6	354.7	351.4
Government.....	8.0	13.3	14.9	32.7	39.6	12.0	20.0	16.5	33.8	40.7	12.9	23.9	23.5	49.1	59.4
Other labor income.....	1.2	1.6	8.0	21.1	26.4	1.4	1.1	6.3	13.9	15.6	2.7	2.1	13.4	19.8	21.4
Proprietors' income.....	21.0	17.4	45.5	62.4	62.1	20.5	14.2	32.7	43.4	44.1	29.1	20.5	46.4	57.2	58.3
Property income.....	36.8	22.6	44.9	70.8	69.6	41.4	23.6	34.8	47.4	58.2	60.0	31.4	43.7	54.4	65.6
Transfer payments.....	3.0	6.6	29.4	47.0	53.8	3.8	11.4	39.3	50.6	55.7	5.3	15.1	62.5	78.0	85.6
Less: Personal contributions for social insurance.....	.3	1.3	4.8	12.1	15.6	.4	1.4	4.6	9.3	11.2	.4	1.9	6.9	12.7	15.1
Total earnings.....	139.7	127.9	336.5	497.8	554.9	145.1	107.2	246.9	343.8	363.0	242.2	176.5	412.9	480.8	490.4
	York, Pa.					Sum of SMSA's in Pennsylvania					Non-SMSA area in Pennsylvania				
Total personal income.....	129.6	119.8	380.7	603.7	674.2	6,648.5	5,644.1	14,149.0	22,434.1	24,583.8	1,185.8	1,044.5	2,948.0	3,957.8	4,264.4
Total wage and salary disbursements.....	72.3	77.5	258.9	409.2	443.0	4,213.4	3,902.8	9,807.0	15,577.9	17,001.1	721.5	648.0	1,836.8	2,521.6	2,741.8
Private.....	68.2	68.1	221.8	366.8	392.8	3,897.2	3,400.7	8,938.5	13,706.5	14,778.2	677.8	542.1	1,548.3	2,140.6	2,278.2
Government.....	4.0	9.4	37.2	42.4	50.2	316.2	502.1	868.5	1,871.4	2,222.9	43.7	105.9	288.5	381.0	463.6
Other labor income.....	.7	1.1	7.2	20.7	24.2	46.9	54.8	275.5	731.7	871.2	8.7	9.1	54.3	121.1	142.1
Proprietors' income.....	24.0	18.2	52.6	67.0	64.8	646.1	581.6	1,464.5	2,102.6	2,143.8	212.7	170.6	430.1	434.7	414.8
Property income.....	30.4	19.3	39.3	73.4	103.9	1,650.9	929.3	1,655.2	2,797.1	3,166.1	218.9	165.7	354.9	527.1	557.5
Transfer payments.....	2.5	4.5	27.2	45.3	53.1	100.8	224.1	1,129.2	1,690.3	1,985.8	25.8	59.4	313.6	436.1	509.7
Less: Personal contributions for social insurance.....	.2	.9	4.5	11.9	14.9	9.6	48.5	182.4	465.5	584.2	1.9	8.3	41.7	82.6	101.4
Total earnings.....	97.0	96.8	318.7	496.9	532.0	4,906.4	4,539.2	11,547.0	18,412.2	20,016.1	942.9	827.7	2,321.2	3,077.4	3,298.7
	Providence-Pawtucket-Warwick, R.I.					Sum of SMSA's in Rhode Island					Non-SMSA area in Rhode Island				
Total personal income.....	531.8	476.1	1,106.7	1,540.0	1,759.2	531.8	476.1	1,106.7	1,540.0	1,759.2	63.9	55.2	162.6	283.9	320.9
Total wage and salary disbursements.....	361.9	323.8	783.8	1,074.0	1,220.9	361.9	323.8	783.8	1,074.0	1,220.9	26.7	29.0	104.8	195.0	219.9
Private.....	335.6	280.3	714.2	935.0	1,047.5	335.6	280.3	714.2	935.0	1,047.5	17.2	15.6	41.2	65.5	78.3
Government.....	26.2	43.5	69.6	139.0	173.4	26.2	43.5	69.6	139.0	173.4	9.5	13.3	63.5	129.5	141.5
Other labor income.....	3.0	3.8	23.2	55.0	66.0	3.0	3.8	23.2	55.0	66.0	.2	.2	1.2	3.5	5.0
Proprietors' income.....	40.1	39.8	100.0	120.2	133.3	40.1	39.8	100.0	120.2	133.3	6.1	4.9	15.5	20.6	22.9
Property income.....	120.0	94.2	125.3	188.5	223.9	120.0	94.2	125.3	188.5	223.9	30.2	19.6	31.8	50.0	55.6
Transfer payments.....	7.6	20.8	93.1	140.8	164.1	7.6	20.8	93.1	140.8	164.1	.9	2.1	11.7	20.3	24.5
Less: Personal contributions for social insurance.....	.9	6.3	18.7	38.6	49.0	.9	6.3	18.7	38.6	49.0	.1	.6	2.4	5.6	7.1
Total earnings.....	405.1	367.3	907.0	1,249.2	1,420.2	405.1	367.3	907.0	1,249.2	1,420.2	32.9	34.1	121.4	219.2	247.8

Table 2.—Personal Income by Major Source in SMSA's and Non-SMSA's, 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	Charleston, S.C.					Columbia, S.C.					Greenville, S.C.				
Total personal income.....	52.7	67.8	200.1	354.1	413.8	55.3	65.3	205.1	429.5	502.8	55.1	63.9	243.0	428.0	526.3
Total wage and salary disbursements.....	33.2	52.4	151.9	266.1	311.1	38.3	48.9	145.0	321.7	377.5	31.9	43.3	162.7	302.3	378.1
Private.....	27.4	27.5	85.2	151.5	172.4	33.6	35.4	109.7	191.7	241.2	28.7	36.8	150.6	262.2	329.5
Government.....	5.7	25.0	66.7	114.6	138.7	4.7	13.5	35.3	130.0	136.3	2.2	6.5	12.1	40.2	48.6
Other labor income.....	.2	.4	2.6	7.8	9.9	.3	.6	3.1	9.7	13.3	.2	.5	4.9	14.5	19.6
Proprietors' income.....	8.5	7.9	17.9	30.1	34.0	8.4	8.8	24.6	41.0	46.1	11.4	9.8	27.7	38.7	43.0
Property income.....	10.1	5.7	15.7	35.9	41.3	7.6	5.9	19.7	40.9	46.2	10.8	9.0	29.9	55.2	64.7
Transfer payments.....	.7	1.7	14.8	22.1	27.7	.8	1.6	15.8	24.6	31.2	.9	1.7	20.8	25.9	33.2
Less: Personal contributions for social insurance.....	.1	.4	2.9	7.9	10.2	.1	.6	3.1	8.4	11.4	.1	.5	3.0	8.6	12.3
Total earnings.....	41.9	60.8	172.4	304.1	354.9	47.0	58.3	172.7	372.4	436.8	43.5	53.6	195.3	355.5	440.8
	Sum of SMSA's in South Carolina					Non-SMSA area in South Carolina					Chattanooga, Tenn.-Georgia				
Total personal income.....	163.0	196.9	648.2	1,211.6	1,443.0	291.2	360.4	1,194.0	1,794.9	2,158.1	119.4	107.8	332.1	566.4	620.8
Total wage and salary disbursements.....	103.4	144.7	459.6	890.1	1,066.7	150.7	220.0	717.6	1,198.1	1,412.5	70.8	74.2	224.9	392.3	414.8
Private.....	90.8	99.7	345.5	605.3	743.2	132.1	159.8	609.8	960.8	1,125.5	64.8	61.4	205.9	355.2	369.7
Government.....	12.6	45.0	114.1	284.8	323.6	18.6	60.2	107.7	237.4	287.0	6.0	12.7	19.0	37.1	45.1
Other labor income.....	.7	1.5	10.7	31.9	42.7	.9	2.1	20.7	56.0	71.4	.7	.8	6.0	19.5	21.9
Proprietors' income.....	28.3	26.6	70.2	109.9	123.1	106.6	99.3	265.9	272.2	321.3	12.7	12.7	38.6	58.1	63.3
Property income.....	28.5	20.6	65.3	132.0	152.2	27.4	28.9	97.0	163.1	221.8	33.6	17.7	41.3	72.3	89.1
Transfer payments.....	2.4	5.0	51.4	72.6	92.1	6.3	12.5	107.0	139.5	176.4	1.7	3.3	25.9	36.8	47.1
Less: Personal contributions for social insurance.....	.3	1.4	9.0	24.9	33.9	.7	2.5	14.1	34.0	45.4	.1	.8	4.6	12.6	15.5
Total earnings.....	132.4	172.7	540.5	1,031.9	1,232.5	258.2	321.5	1,004.1	1,526.3	1,805.3	84.2	87.6	269.5	469.9	499.9
	Knoxville, Tenn.					Nashville, Tenn.					Sum of SMSA's in Tennessee				
Total personal income.....	96.6	106.7	439.9	684.1	747.4	173.8	171.3	532.7	960.0	1,093.4	389.8	385.9	1,304.8	2,210.5	2,461.5
Total wage and salary disbursements.....	66.9	79.4	319.1	501.9	549.4	111.4	116.6	353.4	656.8	738.4	249.1	270.1	897.3	1,551.1	1,702.6
Private.....	61.1	65.1	277.2	419.0	449.4	99.9	95.2	307.2	564.1	626.8	225.8	221.7	790.2	1,338.3	1,445.9
Government.....	5.8	14.3	41.9	82.9	99.9	11.5	21.4	46.2	92.7	111.6	23.3	48.4	107.1	212.7	256.7
Other labor income.....	.7	.9	8.4	22.9	26.8	1.2	1.3	8.4	27.7	33.6	2.5	3.0	22.8	70.1	82.3
Proprietors' income.....	11.4	11.0	36.8	60.4	65.9	30.3	27.7	73.1	114.8	125.0	54.4	51.4	148.4	233.3	254.2
Property income.....	15.8	12.6	47.1	70.7	69.5	28.5	21.6	68.8	127.1	155.9	77.9	51.8	157.3	270.1	314.5
Transfer payments.....	1.9	3.8	35.3	44.2	55.8	2.7	5.4	36.7	54.8	67.6	6.3	12.6	97.9	135.8	170.6
Less: Personal contributions for social insurance.....	.1	.9	6.7	16.1	20.1	.2	1.3	7.6	21.2	27.1	.4	3.1	18.9	49.9	62.6
Total earnings.....	79.0	91.3	364.3	585.2	642.1	142.8	145.6	434.8	799.4	897.0	306.0	324.5	1,068.6	1,854.5	2,039.1
	Non-SMSA area in Tennessee					Burlington, Vt.					Sum of SMSA's in Vermont				
Total personal income.....	388.5	406.6	1,365.3	2,120.7	2,547.7	32.0	27.5	72.3	139.4	161.5	32.0	27.5	72.3	139.4	161.5
Total wage and salary disbursements.....	149.5	195.5	668.2	1,253.5	1,519.0	18.6	17.0	46.3	94.2	107.2	18.6	17.0	46.3	94.2	107.2
Private.....	127.9	142.6	521.3	961.5	1,175.4	16.0	13.7	39.5	74.8	89.5	16.0	13.7	39.5	74.8	89.5
Government.....	21.6	52.9	146.9	292.0	343.6	2.6	3.3	6.7	19.4	17.7	2.6	3.3	6.7	19.4	17.7
Other labor income.....	1.7	2.3	16.9	55.8	73.5	.2	.2	1.1	4.0	5.1	.2	.2	1.1	4.0	5.1
Proprietors' income.....	200.7	162.2	442.1	471.3	484.7	5.4	4.1	11.0	16.5	17.3	5.4	4.1	11.0	16.5	17.3
Property income.....	25.1	27.1	97.9	172.1	260.3	7.2	5.4	9.7	17.3	23.3	7.2	5.4	9.7	17.3	23.3
Transfer payments.....	12.4	22.1	157.0	209.3	265.6	.8	.9	5.1	10.2	12.4	.8	.9	5.1	10.2	12.4
Less: Personal contributions for social insurance.....	.8	2.5	16.8	41.3	55.4	(1)	.2	.9	2.7	3.7	(1)	.2	.9	2.7	3.7
Total earnings.....	351.9	359.9	1,127.2	1,780.6	2,077.2	24.1	21.3	58.4	114.6	129.6	24.1	21.3	58.4	114.6	129.6
	Non-SMSA area in Vermont					Lynchburg, Va.					Newport News-Hampton, Va.				
Total personal income.....	192.3	155.8	367.2	541.8	623.6	37.8	41.0	105.8	196.0	244.3	54.9	68.8	235.1	456.5	563.9
Total wage and salary disbursements.....	111.1	94.8	229.3	336.2	382.9	21.3	27.7	73.8	144.7	180.3	45.6	57.9	185.3	359.7	439.8
Private.....	101.7	80.3	201.6	282.0	318.6	19.4	23.8	66.4	126.7	157.2	32.1	33.1	111.1	207.6	271.7
Government.....	9.3	14.4	27.8	54.2	64.3	1.8	3.9	7.5	18.1	23.1	13.5	24.7	74.3	152.1	168.1
Other labor income.....	1.1	1.2	6.2	16.0	19.4	.2	.4	2.0	7.2	9.7	.3	.5	3.6	11.7	18.0
Proprietors' income.....	41.7	29.3	64.2	85.3	86.3	6.5	6.2	14.9	20.4	22.8	4.9	5.1	18.6	28.2	30.8
Property income.....	33.8	25.6	45.7	63.5	86.4	9.2	5.8	9.6	15.7	21.4	3.5	4.8	17.6	45.3	62.1
Transfer payments.....	4.8	5.9	26.5	51.4	62.7	.7	1.3	6.9	12.3	16.0	.7	1.0	13.7	21.4	27.2
Less: Personal contributions for social insurance.....	.2	1.0	4.6	10.6	14.0	.1	.3	1.4	4.2	5.9	.2	.4	3.7	9.8	14.0
Total earnings.....	153.9	125.3	299.6	437.6	488.6	28.0	34.3	90.7	172.3	212.8	50.8	63.4	207.5	399.6	488.6

1 Less than \$50,000.

Table 2.—Personal Income by Major Source in SMSA's, and Non-SMSA's 1929, 1940, 1950, 1959, and 1962—Continued

(Millions of dollars)

	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962	1929	1940	1950	1959	1962
	Norfolk-Portsmouth, Va.					Richmond, Va.					Roanoke, Va.				
Total personal income.....	142.9	169.3	710.5	1,098.0	1,314.0	213.6	246.6	626.1	1,050.9	1,249.8	55.4	64.2	183.2	311.4	379.9
Total wage and salary disbursements.....	101.1	126.9	555.9	839.8	997.9	141.9	175.0	444.9	732.3	858.8	38.7	46.7	132.4	223.2	270.9
Private.....	75.2	74.1	222.4	380.7	457.7	126.0	144.5	375.8	621.7	718.1	36.4	41.4	115.6	193.3	232.8
Government.....	26.0	52.8	333.5	459.1	540.2	15.8	30.5	69.0	110.6	140.6	2.3	5.3	16.7	29.8	38.1
Other labor income.....	.9	1.2	6.5	18.3	25.2	1.6	2.1	10.2	31.8	40.9	.5	.6	2.9	9.1	12.2
Proprietors' income.....	18.4	17.8	52.8	80.4	89.8	22.5	25.1	60.3	86.5	95.0	6.1	6.8	16.8	26.3	28.7
Property income.....	20.7	20.8	70.4	125.0	158.7	45.5	41.6	87.4	165.8	213.6	9.2	8.8	22.5	36.0	49.2
Transfer payments.....	2.2	4.0	37.3	57.7	73.5	2.5	4.9	32.6	57.7	71.8	1.0	2.0	12.4	24.9	29.6
Less: Personal contributions for social insurance.....	.5	1.5	12.4	23.1	31.1	.4	2.0	9.2	23.1	30.3	.1	.8	3.7	8.1	10.7
Total earnings.....	120.5	145.9	615.2	938.5	1,112.8	166.0	202.2	515.3	850.5	994.6	45.3	54.2	152.0	258.6	311.7
	Sum of SMSA's in Virginia					Non-SMSA area in Virginia					Seattle-Everett, Wash.				
Total personal income.....	504.6	589.8	1,860.7	3,112.8	3,751.9	498.9	548.0	1,639.8	2,461.1	2,963.2	505.8	472.5	1,608.1	2,971.2	3,540.4
Total wage and salary disbursements.....	348.5	434.2	1,392.3	2,299.6	2,747.6	246.6	326.3	969.3	1,668.4	1,964.3	326.1	325.7	1,081.4	2,055.2	2,485.0
Private.....	289.1	316.9	891.3	1,530.0	1,837.5	209.0	243.6	770.5	1,252.1	1,452.0	288.7	266.2	899.7	1,762.5	2,131.8
Government.....	59.4	117.2	501.0	769.6	910.1	37.6	82.7	198.8	416.4	512.3	37.4	59.5	181.6	292.6	353.1
Other labor income.....	3.6	4.7	25.1	78.1	105.9	2.8	4.0	25.5	71.1	90.6	4.8	5.5	28.5	94.8	126.1
Proprietors' income.....	58.5	61.1	163.4	241.8	267.0	180.6	144.8	407.9	369.1	434.2	63.6	63.3	212.3	298.5	316.3
Property income.....	88.0	81.7	207.5	387.8	505.1	59.0	57.4	135.4	208.0	285.4	104.2	63.3	173.5	392.5	473.4
Transfer payments.....	7.2	13.2	102.9	173.9	218.2	11.5	19.5	121.9	194.6	255.2	7.9	18.8	133.1	192.1	223.1
Less: Personal contributions for social insurance.....	1.2	5.0	30.4	68.5	92.0	1.6	4.1	20.2	50.1	66.5	.8	4.1	20.6	61.9	83.5
Total earnings.....	410.6	500.0	1,580.8	2,619.5	3,120.6	430.0	475.2	1,402.7	2,108.5	2,489.1	394.5	394.5	1,322.2	2,448.5	2,927.4
	Spokane, Wash.					Tacoma, Wash.					Sum of SMSA's in Washington				
Total personal income.....	118.0	112.2	345.7	601.7	659.8	122.5	130.5	474.2	669.7	793.7	746.4	715.3	2,428.0	4,242.6	4,993.9
Total wage and salary disbursements.....	73.9	74.8	214.6	392.6	421.8	84.3	94.0	332.3	469.9	567.7	484.4	494.5	1,628.3	2,917.7	3,474.4
Private.....	62.4	55.8	174.3	301.5	320.8	69.6	64.7	191.3	282.7	312.6	420.6	386.7	1,265.3	2,346.7	2,765.2
Government.....	11.6	19.0	40.3	91.1	100.9	14.8	29.3	141.0	187.2	255.2	63.7	107.8	363.0	571.0	709.2
Other labor income.....	1.1	1.2	5.1	14.6	16.8	1.1	1.3	6.1	14.8	18.0	7.0	8.1	39.7	124.3	160.9
Proprietors' income.....	17.9	16.1	52.1	69.5	74.0	16.5	16.5	52.8	64.9	68.0	98.0	95.9	317.1	432.9	458.3
Property income.....	23.2	15.9	45.0	84.7	100.6	18.5	14.4	49.3	79.2	93.8	145.9	93.7	267.8	556.4	667.8
Transfer payments.....	2.2	5.3	33.7	52.8	61.9	2.2	5.4	39.5	54.4	62.7	12.3	29.5	206.3	299.3	347.7
Less: Personal contributions for social insurance.....	.2	1.1	4.8	12.6	15.3	.2	1.1	5.7	13.4	16.5	1.2	6.4	31.1	87.9	115.3
Total earnings.....	92.9	92.1	271.7	476.8	512.6	102.0	111.8	391.2	549.6	653.7	589.4	598.4	1,985.1	3,474.9	4,093.7
	Non-SMSA area in Washington					Charleston, W. Va.					Huntington-Ashland, W. Va.-Kentucky-Ohio				
Total personal income.....	396.2	398.0	1,436.4	2,093.2	2,417.4	90.4	111.9	331.7	538.0	569.8	100.5	95.8	281.1	467.0	500.5
Total wage and salary disbursements.....	225.3	241.4	793.1	1,279.0	1,465.7	59.9	87.3	249.2	399.3	420.2	70.2	67.8	193.4	328.1	346.6
Private.....	200.9	187.3	587.2	898.6	1,009.6	55.1	78.9	226.2	355.9	370.8	65.8	58.0	172.5	291.7	303.1
Government.....	24.4	54.1	205.9	380.4	456.1	4.8	8.4	23.0	43.4	49.4	4.4	9.8	20.9	36.5	43.4
Other labor income.....	3.0	3.8	18.7	47.5	59.3	.9	1.6	8.3	21.4	23.9	1.0	1.2	5.8	15.9	18.0
Proprietors' income.....	119.5	90.9	349.6	384.7	442.2	7.8	9.4	29.3	41.1	39.9	14.9	11.8	32.0	42.7	43.0
Property income.....	40.4	43.1	152.3	236.4	280.3	20.4	12.0	31.9	51.9	56.2	12.4	12.1	32.8	50.2	55.4
Transfer payments.....	8.7	22.0	140.0	188.2	223.3	1.5	2.5	17.3	35.5	42.8	2.1	3.9	21.7	40.9	50.4
Less: Personal contributions for social insurance.....	.8	3.2	17.4	42.5	53.4	.1	1.0	4.3	11.1	13.1	.1	1.0	4.7	10.9	12.9
Total earnings.....	347.8	336.1	1,161.5	1,711.2	1,967.2	68.6	98.4	286.8	461.7	484.0	86.1	80.8	231.3	386.8	407.6
	Wheeling, W. Va.-Ohio					Sum of SMSA's in West Virginia					Non-SMSA area in West Virginia				
Total personal income.....	138.7	107.6	262.4	351.5	366.9	329.6	315.2	875.2	1,356.5	1,437.2	492.7	478.0	1,378.8	1,732.5	1,824.4
Total wage and salary disbursements.....	84.9	75.1	185.6	241.6	243.1	215.0	230.2	628.2	969.0	1,009.9	336.7	341.6	927.4	1,142.7	1,172.2
Private.....	80.4	67.5	171.1	219.7	217.2	201.3	204.4	569.8	867.3	891.2	312.0	287.7	830.9	962.6	965.4
Government.....	4.6	7.6	14.5	21.9	25.9	13.7	25.8	58.4	101.8	118.7	24.7	53.9	96.5	180.1	206.8
Other labor income.....	1.2	1.3	6.7	12.8	13.6	3.2	4.2	20.8	50.2	55.5	5.5	5.7	37.8	59.5	64.1
Proprietors' income.....	15.4	12.0	28.2	29.8	29.2	38.1	33.2	89.5	113.6	112.0	95.4	75.7	189.1	175.6	162.3
Property income.....	35.0	15.9	26.5	41.6	50.7	67.8	40.1	91.3	143.7	162.3	45.5	41.7	132.4	177.5	206.9
Transfer payments.....	2.3	4.1	18.9	32.6	38.7	5.9	10.4	58.0	109.0	131.9	10.3	17.8	112.1	213.5	260.3
Less: Personal contributions for social insurance.....	.1	.9	3.5	7.2	8.4	.3	2.9	12.6	29.1	34.4	.7	4.5	19.9	36.4	41.4
Total earnings.....	101.5	88.4	220.5	284.3	285.8	256.2	267.6	738.6	1,132.8	1,177.4	437.6	423.0	1,154.2	1,377.9	1,398.5

Table 3.—Percent Distribution of Total Personal

Line		1929									
		Total personal income	Wages and salaries			Other labor income	Proprietors' income	Property income	Transfer payments	Less: Personal contributions	Total earnings
			Total	Government	Private						
1	Total United States.....	100.00	58.66	5.63	53.03	.65	17.61	21.50	1.74	.16	76.92
2	Sum of selected States (24).....	100.00	59.96	5.60	54.37	.67	14.67	23.19	1.70	.18	75.30
3	Sum of all SMSA counties.....	100.00	61.76	5.68	56.09	.68	10.93	25.27	1.53	.18	73.38
4	Sum of all non-SMSA areas.....	100.00	52.89	5.28	47.61	.61	29.32	15.03	2.33	.18	82.83
5	Alabama:										
6	Birmingham.....	100.00	75.79	5.45	70.34	.77	8.80	13.59	1.13	.08	85.36
7	Gadsden.....	100.00	63.07	3.97	59.10	.61	22.97	11.69	1.78	.13	86.66
8	Huntsville.....	100.00	37.63	4.64	32.99	.33	46.40	13.77	2.03	.16	84.36
9	Mobile.....	100.00	60.72	6.46	54.26	.64	15.68	21.77	1.30	.11	77.04
10	Montgomery.....	100.00	58.49	8.83	49.66	.53	17.54	22.29	1.27	.12	76.56
11	Tuscaloosa.....	100.00	56.20	4.39	51.81	.54	28.35	13.25	1.80	.14	85.09
12	Sum of SMSA's.....	100.00	67.53	5.92	61.60	.67	14.63	15.99	1.28	.10	82.83
13	Non-SMSA area.....	100.00	39.27	5.85	33.42	.41	49.09	9.14	2.27	.18	88.78
14	Connecticut:										
15	Bridgeport-Norwalk-Stamford.....	100.00	57.16	3.44	53.72	.52	9.57	31.63	1.22	.11	67.26
16	New Haven-Waterbury.....	100.00	63.77	4.63	59.14	.58	9.10	25.30	1.39	.13	73.45
17	Hartford-New Britain.....	100.00	65.52	4.26	61.26	.61	7.63	25.18	1.18	.12	73.76
18	New London-Groton-Norwich.....	100.00	63.45	7.45	56.00	.54	11.57	22.91	1.66	.13	75.57
19	Sum of SMSA's.....	100.00	62.37	4.33	58.03	.57	8.91	26.99	1.29	.12	71.85
20	Non-SMSA area.....	100.00	55.05	3.22	51.83	.48	14.25	28.69	1.66	.13	69.78
21	Delaware:										
22	Wilmington.....	100.00	52.59	3.09	49.50	.47	9.01	36.94	1.08	.08	62.07
23	Sum of SMSA's.....	100.00	52.59	3.09	49.50	.47	9.01	36.94	1.08	.08	62.07
24	Non-SMSA area.....	100.00	44.80	7.39	37.41	.38	37.41	15.31	2.26	.15	82.59
25	District of Columbia:										
26	Washington.....	100.00	61.90	24.73	37.17	.60	11.01	24.74	2.44	.69	73.51
27	Sum of SMSA's.....	100.00	61.90	24.73	37.17	.60	11.01	24.74	2.44	.69	73.51
28	Georgia:										
29	Albany.....	100.00	62.87	3.10	59.77	.49	16.76	18.63	1.38	.13	80.12
30	Atlanta.....	100.00	67.65	5.99	61.65	.63	13.26	17.47	1.10	.11	81.55
31	Augusta.....	100.00	65.72	6.21	59.51	.49	17.70	14.88	1.34	.14	83.92
32	Columbus.....	100.00	68.19	18.53	49.65	.44	13.13	17.18	1.29	.22	81.75
33	Macon.....	100.00	64.28	5.50	58.78	.56	16.82	17.20	1.27	.13	81.66
34	Savannah.....	100.00	64.62	8.18	56.44	.63	11.01	22.79	1.08	.12	76.25
35	Sum of SMSA's.....	100.00	66.77	7.18	59.59	.60	13.78	17.82	1.16	.12	81.15
36	Non-SMSA area.....	100.00	42.28	5.79	36.49	.35	48.66	6.88	2.07	.24	91.29
37	Idaho:										
38	Boise City.....	100.00	56.42	10.28	46.14	.84	24.67	16.52	1.73	.18	81.93
39	Sum of SMSA's.....	100.00	56.42	10.28	46.14	.84	24.67	16.52	1.73	.18	81.93
40	Non-SMSA area.....	100.00	52.53	6.41	46.13	.73	35.26	9.61	2.03	.16	88.52
41	Kentucky:										
42	Lexington.....	100.00	53.86	4.35	49.51	.70	14.93	29.03	1.56	.08	69.49
43	Sum of SMSA's.....	100.00	53.86	4.35	49.51	.70	14.93	29.03	1.56	.08	69.49
44	Non-SMSA area.....	100.00	44.15	5.90	38.24	.61	43.98	8.34	3.11	.18	88.73
45	Maine:										
46	Portland.....	100.00	58.98	6.00	52.98	.65	11.91	26.52	2.03	.08	71.54
47	Lewiston-Auburn.....	100.00	65.38	3.63	61.75	.60	10.19	21.42	2.50	.09	76.17
48	Sum of SMSA's.....	100.00	60.79	5.33	55.46	.64	11.42	25.07	2.16	.09	72.85
49	Non-SMSA area.....	100.00	53.73	5.25	48.48	.54	22.41	20.56	2.88	.12	76.68
50	Maryland:										
51	Baltimore.....	100.00	58.12	7.76	50.36	.67	10.98	29.11	1.36	.25	69.78
52	Sum of SMSA's.....	100.00	58.12	7.76	50.36	.67	10.98	29.11	1.36	.25	69.78
53	Non-SMSA area.....	100.00	50.05	7.66	42.39	.59	28.41	19.07	2.20	.32	79.05
54	Massachusetts:										
55	Boston.....	100.00	60.66	5.42	55.25	.57	9.90	27.52	1.51	.16	71.14
56	Fall River-New Bedford.....	100.00	68.69	7.10	61.58	.64	9.77	19.09	2.04	.22	79.09
57	Pittsfield.....	100.00	63.18	2.90	60.29	.63	9.49	25.00	1.83	.13	73.30
58	Springfield-Chicopee-Holyoke.....	100.00	66.16	5.61	60.55	.64	11.35	20.18	1.86	.18	78.14
59	Worcester.....	100.00	66.10	5.40	60.70	.62	8.44	23.19	1.82	.17	76.16
60	Sum of SMSA's.....	100.00	62.23	5.48	56.75	.59	9.86	25.88	1.61	.17	72.68
61	Non-SMSA area.....	100.00	47.66	4.03	43.63	.46	19.53	30.42	2.07	.16	67.66
62	Montana:										
63	Billings.....	100.00	61.47	7.01	54.46	.92	22.16	13.97	1.66	.19	84.56
64	Great Falls.....	100.00	68.94	6.41	62.53	1.14	13.07	15.40	1.63	.18	83.15
65	Sum of SMSA's.....	100.00	65.95	6.65	59.30	1.05	16.72	14.83	1.64	.18	83.72
66	Non-SMSA area.....	100.00	63.95	9.57	54.38	.89	19.36	14.09	1.96	.25	84.20
67	New Hampshire:										
68	Manchester.....	100.00	68.27	6.48	61.79	.52	9.82	19.68	1.85	.14	78.61
69	Sum of SMSA's.....	100.00	68.27	6.48	61.79	.52	9.82	19.68	1.85	.14	78.61
70	Non-SMSA area.....	100.00	61.42	7.57	53.85	.46	15.23	20.84	2.22	.18	77.11
71	New Jersey:										
72	Atlantic City.....	100.00	53.37	5.79	47.58	.49	21.30	23.28	1.73	.18	75.16
73	Jersey City.....	100.00	73.18	6.98	66.20	.79	8.46	16.39	1.37	.20	82.43
74	Newark.....	100.00	59.50	4.75	54.75	.67	10.61	28.15	1.21	.14	70.78
75	Paterson-Clifton-Passaic.....	100.00	59.48	5.07	54.41	.68	12.88	25.67	1.45	.17	73.04
76	Trenton.....	100.00	66.75	10.23	56.52	.64	9.83	21.43	1.61	.26	77.22
77	Sum of SMSA's.....	100.00	62.64	5.65	57.00	.69	10.95	24.54	1.34	.17	74.29
78	Non-SMSA area.....	100.00	54.55	5.53	49.01	.57	17.89	25.49	1.65	.15	73.00
79	New York:										
80	Albany-Schenectady-Troy.....	100.00	66.49	6.30	60.19	.71	10.29	20.90	1.90	.29	77.49
81	Binghamton.....	100.00	60.36	4.84	55.52	.66	16.65	20.18	2.40	.25	77.67
82	Buffalo.....	100.00	68.13	5.54	62.59	.76	8.55	20.92	1.90	.26	77.44
83	New York.....	100.00	56.11	4.58	51.53	.66	10.78	31.24	1.41	.20	67.55
84	Rochester.....	100.00	62.47	5.09	57.38	.68	10.47	24.71	1.92	.25	73.62
85	Syracuse.....	100.00	67.03	5.08	61.94	.75	12.78	17.64	2.05	.25	80.56
86	Utica-Rome.....	100.00	59.96	4.48	55.48	.65	14.88	22.50	2.25	.24	75.49
87	Sum of SMSA's.....	100.00	57.89	4.74	53.15	.67	10.77	29.37	1.52	.22	69.33
88	Non-SMSA area.....	100.00	52.22	2.52	49.70	.64	19.99	25.09	2.21	.15	72.85

Table 3.—Percent Distribution of Total Personal

Line		1959									
		Total personal income	Wages and salaries			Other labor income	Proprietors' income	Property income	Transfer payments	Less: Personal contributions	Total earnings
			Total	Government	Private						
89	Total United States	100.00	58.66	5.63	53.03	0.65	17.61	21.50	1.74	0.16	76.92
90	Sum of selected States (24)	100.00	59.96	5.60	54.37	.67	14.67	23.19	1.70	.18	75.30
91	Sum of all SMSA counties.....	100.00	61.76	5.68	56.09	.68	10.93	25.27	1.53	.18	73.38
92	Sum of all non-SMSA areas.....	100.00	52.89	5.28	47.61	.61	29.32	15.08	2.33	.18	82.83
93	North Carolina:										
94	Asheville.....	100.00	65.06	5.47	59.59	.51	19.11	13.87	1.57	.12	84.68
95	Charlotte.....	100.00	67.22	4.75	62.47	.43	16.80	14.41	1.23	.09	84.45
96	Durham.....	100.00	63.22	4.46	58.76	.42	15.99	19.25	1.20	.09	79.63
97	Fayetteville.....	100.00	70.05	27.54	42.51	.36	23.40	4.92	1.63	.27	93.82
98	Greensboro-High Point.....	100.00	69.41	4.52	64.89	.48	12.31	16.79	1.10	.09	82.19
99	Raleigh.....	100.00	63.84	12.33	51.51	.54	25.38	8.93	1.44	.13	89.77
100	Wilmington.....	100.00	58.75	3.59	55.16	.70	20.62	18.85	1.19	.10	80.06
101	Winston-Salem.....	100.00	48.68	3.11	45.57	.29	11.13	39.24	.71	.05	60.10
102	Sum of SMSA's.....	100.00	62.01	5.86	56.15	.44	16.17	20.33	1.15	.09	78.62
103	Non-SMSA area.....	100.00	48.89	6.20	42.69	.33	41.39	7.53	2.03	.18	90.61
104	Ohio:										
105	Akron.....	100.00	74.70	5.86	68.83	.90	11.48	11.09	1.97	.13	87.07
106	Canton.....	100.00	71.07	4.37	66.69	.89	12.20	14.13	1.82	.11	84.16
107	Cleveland.....	100.00	65.81	4.86	60.95	.81	11.60	20.42	1.46	.10	78.22
108	Columbus.....	100.00	65.92	7.45	58.47	.91	16.77	14.82	1.73	.14	83.60
109	Dayton.....	100.00	67.21	5.54	61.67	.80	16.03	14.18	1.91	.13	84.03
110	Hamilton-Middletown.....	100.00	73.13	5.12	68.01	.87	10.88	13.10	2.15	.13	84.88
111	Lima.....	100.00	67.92	3.15	64.77	.91	14.16	14.87	2.25	.12	82.99
112	Lorain-Elyria.....	100.00	75.17	3.08	72.09	.94	10.39	11.37	2.26	.12	86.49
113	Springfield.....	100.00	74.39	6.60	67.78	.92	11.75	10.97	2.13	.15	87.05
114	Steubenville-Weirton.....	100.00	78.62	2.69	75.93	1.01	8.64	10.08	1.73	.09	88.28
115	Youngstown-Warren.....	100.00	76.57	4.79	71.78	.95	11.44	9.16	2.00	.12	88.96
116	Mansfield.....	100.00	67.31	3.15	64.16	.88	13.60	16.14	2.19	.12	81.79
117	Sum of SMSA's.....	100.00	68.97	5.18	63.79	.86	12.56	16.00	1.72	.12	82.39
118	Non-SMSA area.....	100.00	55.54	4.58	50.96	.75	29.10	11.81	2.97	.17	85.39
119	Oregon:										
120	Eugene.....	100.00	58.53	6.57	51.96	.88	25.22	12.67	2.89	.20	84.63
121	Portland.....	100.00	64.23	7.23	57.00	.88	15.66	17.62	1.74	.14	80.78
122	Salem.....	100.00	57.10	14.30	42.81	.68	27.12	12.76	2.61	.27	84.90
123	Sum of SMSA's.....	100.00	63.28	7.81	55.47	.86	17.21	16.92	1.88	.15	81.36
124	Non-SMSA area.....	100.00	52.22	6.10	46.12	.68	35.38	9.31	2.58	.18	88.28
125	Pennsylvania:										
126	Allentown-Bethlehem-Easton.....	100.00	71.14	3.98	67.16	.76	9.28	17.38	1.57	.13	81.18
127	Altoona.....	100.00	75.05	5.97	69.07	.92	9.84	12.40	1.97	.18	85.81
128	Erie.....	100.00	64.65	5.51	59.13	.65	12.00	21.09	1.77	.16	77.30
129	Harrisburg.....	100.00	69.73	8.86	60.87	.75	13.21	14.77	1.76	.22	83.69
130	Johnstown.....	100.00	79.54	5.01	74.54	.99	9.71	7.72	2.22	.18	90.24
131	Lancaster.....	100.00	56.54	4.33	52.21	.55	24.31	16.88	1.88	.15	81.39
132	Philadelphia.....	100.00	57.59	4.82	52.77	.66	9.61	30.91	1.37	.14	67.86
133	Pittsburgh.....	100.00	69.07	4.31	64.77	.73	7.43	21.43	1.47	.14	77.24
*34	Reading.....	100.00	65.50	4.49	61.02	.67	11.74	20.54	1.68	.14	77.92
135	Scranton.....	100.00	64.89	6.29	58.60	.71	10.77	21.80	2.02	.19	76.37
136	Wilkes-Barre-Hazleton.....	100.00	68.51	4.19	64.32	.89	9.46	19.55	1.72	.14	78.87
137	York.....	100.00	55.75	3.10	52.65	.56	18.50	23.43	1.89	.13	74.81
138	Sum of SMSA's.....	100.00	63.37	4.76	58.62	.71	9.72	24.83	1.52	.14	73.80
139	Non-SMSA area.....	100.00	60.85	3.69	57.16	.73	17.94	18.46	2.18	.16	79.52
140	Rhode Island:										
141	Providence-Pawtucket-Warwick.....	100.00	68.06	4.94	63.12	.57	7.55	22.56	1.43	.17	76.17
142	Sum of SMSA's.....	100.00	68.06	4.94	63.12	.57	7.55	22.56	1.43	.17	76.17
143	Non-SMSA area.....	100.00	41.73	14.80	26.93	.25	9.55	47.29	1.35	.17	51.53
144	South Carolina:										
145	Charleston.....	100.00	62.95	10.91	52.04	.44	16.20	19.21	1.37	.18	79.59
146	Columbia.....	100.00	69.31	8.43	60.88	.51	15.17	13.74	1.42	.14	84.99
147	Greenville.....	100.00	57.91	4.00	53.91	.35	20.73	19.57	1.58	.14	78.99
148	Sum of SMSA's.....	100.00	63.40	7.73	55.67	.43	17.38	17.48	1.46	.15	81.22
149	Non-SMSA area.....	100.00	51.75	6.38	45.37	.32	36.61	9.40	2.15	.23	88.68
150	Tennessee:										
151	Chattanooga.....	100.00	59.29	5.04	54.25	.58	10.67	28.13	1.41	.09	70.54
152	Knoxville.....	100.00	69.31	6.01	63.30	.72	11.77	16.35	1.97	.11	81.80
153	Nashville.....	100.00	64.07	6.61	57.47	.67	17.41	16.39	1.57	.10	82.15
154	Sum of SMSA's.....	100.00	63.91	5.98	57.93	.65	13.95	19.97	1.62	.10	78.51
155	Non-SMSA area.....	100.00	38.48	5.55	32.92	.44	51.66	6.45	3.18	.21	90.58
156	Vermont:										
157	Burlington.....	100.00	57.97	7.97	50.00	.49	16.82	22.43	2.40	.10	75.27
158	Sum of SMSA's.....	100.00	57.97	7.97	50.00	.49	16.82	22.43	2.40	.10	75.27
159	Non-SMSA area.....	100.00	57.74	4.86	52.88	.57	21.71	17.57	2.51	.11	80.02
160	Virginia:										
161	Lynchburg.....	100.00	56.24	4.81	51.43	.62	17.29	24.25	1.83	.23	74.15
162	Newport News-Hampton.....	100.00	83.06	24.61	58.44	.62	8.99	6.33	1.33	.33	92.67
163	Norfolk-Portsmouth.....	100.00	70.74	18.16	52.58	.66	12.89	14.47	1.56	.33	84.29
164	Richmond.....	100.00	66.42	7.41	59.01	.75	10.53	21.28	1.19	.17	77.70
165	Roanoke.....	100.00	69.84	4.08	65.76	.91	11.00	16.64	1.81	.20	81.75
166	Sum of SMSA's.....	100.00	69.07	11.77	57.30	.72	11.59	17.44	1.43	.24	81.37
167	Non-SMSA area.....	100.00	49.43	7.54	41.88	.56	36.20	11.83	2.30	.32	86.19
168	Washington:										
169	Seattle-Everett.....	100.00	64.47	7.40	57.07	.95	12.58	20.60	1.57	.16	77.99
170	Spokane.....	100.00	62.62	9.80	52.82	.92	15.15	19.67	1.83	.19	78.69
171	Tacoma.....	100.00	68.85	12.06	56.80	.89	13.50	15.14	1.81	.19	83.24
172	Sum of SMSA's.....	100.00	64.90	8.54	56.35	.93	13.14	19.55	1.65	.17	78.97
173	Non-SMSA area.....	100.00	56.86	6.15	50.71	.77	30.17	10.21	2.20	.20	87.79
174	West Virginia:										
175	Charleston.....	100.00	66.24	5.30	60.94	1.02	8.67	22.55	1.62	.10	75.93
176	Huntington-Ashland.....	100.00	69.88	4.37	65.51	1.02	14.80	12.36	2.06	.12	85.70
177	Wheeling.....	100.00	61.22	3.28	57.94	.88	11.09	25.23	1.68	.10	73.18
178	Sum of SMSA's.....	100.00	65.24	4.17	61.07	.96	11.56	20.57	1.78	.10	77.75
179	Non-SMSA area.....	100.00	68.33	5.02	63.31	1.12	19.36	9.24	2.08	.13	88.81

(*Technical notes continued from page 25*)

England, the Bureau of the Budget defines SMSA's in terms of cities and towns instead of counties. Because adequate data for measuring personal income by cities and towns are not available, it was necessary to redefine SMSA's in New England to conform to a county basis. As indicated by the SMSA names in the tables, many of the New England SMSA's in this study include two or more official SMSA's. Not shown in the tables is the inclusion of the official SMSA's of Brockton, Lawrence-Haverhill, and Lowell in the Boston SMSA as used here.

Population estimates

SMSA population estimates for 1929, 1940, 1950, and 1959 were obtained by summing county population, which had been derived as follows: For 1929, county population as published in the 1930 "Decennial Census of Population" was used to distribute the Bureau of the Census State estimates as of July 1, 1929. For 1940, county population from the 1940 "Decennial Census of Population" was used to distribute the Bureau of the Census State estimates as of July 1, 1940. For 1950, county population from the 1950 "Decennial Census of Population" was used to distribute the Bureau of the Census State estimates as of July 1, 1950. For 1959, county population as published in the 1960 "Decennial Census of Population" was

used to distribute the Bureau of the Census State estimates as of July 1, 1959.

For 1962, county population data were obtained from all but three of the States covered in this report. Where necessary, these were adjusted to Census State totals as of mid-1962. In Delaware, South Carolina, and Idaho, the 1960 "Decennial Census of Population" was used to distribute Census State estimates as of July 1, 1962.

Portions of SMSA's omitted

Estimates for the following SMSA's, parts of which are in States covered by this report, have not been completed: Toledo (Ohio-Michigan); Cincinnati (Ohio-Kentucky-Indiana); Evansville (Indiana-Kentucky); Memphis (Tennessee-Arkansas), and Louisville (Kentucky-Indiana).

Residence adjustment

OBE's State estimates of personal income as published annually in the August SURVEY are on a residence-adjusted basis. That is, in the State series, some components of income are measured according to the State in which the recipient resides; other components reflect the State in which the recipient works. Where employees commute across a State line from home to work, the income totals, as initially measured for the States involved, are partly on a "residence" basis and partly

on a "where-worked" basis. In order to obtain a wholly residence-based series, the incomes of commuters are estimated and transferred from the State in which the recipient works to the State in which he resides.

In preparing the local area estimates, State totals before residence adjustment are allocated to the individual counties of each State. When the counties of the various SMSA's are combined, the differences between place of work and place of residence are eliminated, or at least minimized, and the income aggregate, therefore, measures the total income received by persons in the area (SMSA) on either a "residence" or a "where-worked" basis.

There is one major exception to the foregoing statement in the estimates presented here. In the New York City SMSA, a large number of persons commute from their residences in New Jersey to their places of work in New York City. Although there is a reverse flow of commuters from New York to New Jersey, it is much smaller than the inflow from New Jersey. In order to place the income and population estimates on a comparable basis for the calculation of per capita income, the total income of the New York SMSA was adjusted downward and the totals for the Newark, Jersey City, and Paterson-Clifton-Passaic SMSA's were adjusted upward to take account of commuting between these areas.



CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1965 edition of BUSINESS STATISTICS, biennial statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (price \$2.00) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1961 through 1964 (1954-64 for major quarterly series), annually, 1939-64; for selected series, monthly or quarterly, 1947-64 (where available). Series added or significantly revised after the 1965 BUSINESS STATISTICS went to press are indicated by an asterisk (*) and a dagger (†), respectively; certain revisions for 1964 issued too late for inclusion in the 1965 volume appear in the monthly SURVEY beginning with the September 1965 issue. Also, unless otherwise noted, revised monthly data for periods not shown herein corresponding to revised annual data are available upon request.

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Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1964	1965	1966	1964				1965				1966				1967
	Annual total			I	II	III	IV	I	II	III	IV	I	II	III	IV	I
	Seasonally adjusted quarterly totals at annual rates															

GENERAL BUSINESS INDICATORS—Quarterly Series

NATIONAL INCOME AND PRODUCT†																
Gross national product, total†.....bil. \$	631.7	681.2	739.6	616.8	627.7	637.9	644.2	660.8	672.9	686.5	704.4	721.2	732.3	745.3	759.3	* 763.7
Personal consumption expenditures, total.....do.....	401.4	431.5	464.9	391.1	398.0	407.5	408.8	418.9	426.8	435.0	445.2	455.6	460.1	469.9	474.1	* 479.9
Durable goods, total.....do.....	59.4	66.1	69.3	57.6	59.8	61.1	58.9	65.1	64.4	66.7	68.0	70.3	67.1	70.2	69.6	* 68.4
Automobiles and parts.....do.....	25.8	29.8	30.0	25.3	26.0	27.1	24.6	30.1	29.2	30.2	29.9	31.4	28.5	30.1	29.8	* 27.9
Furniture and household equipment.....do.....	25.1	27.1	30.1	24.1	25.4	25.3	25.7	26.0	26.2	27.3	28.8	29.6	29.2	30.7	30.7	* 31.1
Nondurable goods, total.....do.....	178.9	190.6	206.2	174.9	176.5	181.7	182.4	184.5	189.4	191.4	197.0	201.9	205.6	208.1	209.2	* 212.5
Clothing and shoes.....do.....	33.6	35.9	40.3	32.8	32.7	34.3	34.4	34.6	35.6	36.0	37.5	39.4	39.7	41.1	40.8	* 41.6
Food and beverages.....do.....	92.8	98.4	104.8	90.7	92.1	93.9	94.4	95.4	97.8	98.7	101.6	103.3	104.8	105.5	105.4	* 106.9
Gasoline and oil.....do.....	14.1	15.1	16.1	13.9	13.9	14.2	14.4	14.4	15.2	15.3	15.7	15.8	16.1	16.1	16.6	* 17.0
Services, total.....do.....	163.1	174.8	189.4	158.7	161.6	164.7	167.5	169.3	173.0	176.9	180.2	183.4	187.4	191.5	195.3	* 199.1
Household operation.....do.....	24.3	25.6	27.2	23.8	24.2	24.7	24.7	24.7	25.4	26.0	26.3	26.5	27.1	27.6	27.7	* 27.8
Housing.....do.....	59.2	63.2	67.7	57.7	58.7	59.6	60.7	61.6	62.7	63.6	64.7	66.0	67.1	68.2	69.5	* 70.6
Transportation.....do.....	11.8	12.8	14.0	11.7	11.7	11.9	12.1	12.2	12.7	13.0	13.4	13.5	13.9	14.2	14.5	* 14.9
Gross private domestic investment, total.....do.....	93.0	106.6	117.0	90.2	91.8	92.5	97.4	103.8	103.7	106.7	111.9	114.5	118.5	115.0	120.0	* 109.3
Fixed investment.....do.....	88.3	97.5	105.1	86.6	87.6	88.9	90.0	94.4	96.0	98.0	101.5	105.6	106.2	105.1	103.5	* 103.7
Nonresidential.....do.....	60.7	69.7	79.3	58.1	59.7	61.7	63.3	66.7	67.9	70.2	73.9	77.0	78.2	80.3	81.6	* 81.6
Structures.....do.....	21.0	24.9	27.8	20.3	20.9	21.0	21.8	23.6	24.6	24.6	26.8	28.5	27.9	27.7	27.3	* 28.7
Producers' durable equipment.....do.....	39.7	44.8	51.4	37.9	38.8	40.7	41.4	43.1	43.3	45.8	47.1	48.5	50.3	52.6	54.4	* 52.9
Residential structures.....do.....	27.6	27.8	25.8	28.5	27.9	27.2	26.7	27.7	28.1	27.8	27.6	28.6	28.0	24.8	21.9	* 22.1
Nonfarm.....do.....	27.0	27.2	25.3	27.9	27.3	26.6	26.2	27.2	27.5	27.3	27.0	28.0	27.4	24.3	21.3	* 21.5
Change in business inventories.....do.....	4.7	9.1	11.9	3.5	4.2	3.6	7.4	9.5	7.6	8.7	10.4	8.9	12.3	9.9	16.4	* 5.6
Nonfarm.....do.....	5.3	8.1	12.2	3.6	5.1	4.6	7.9	9.4	6.7	7.2	9.0	8.5	12.1	10.4	17.6	* 6.0
Net exports of goods and services.....do.....	8.5	7.0	4.8	9.0	7.9	8.4	8.6	6.4	8.2	7.1	6.1	6.0	4.7	4.2	4.1	* 5.4
Exports.....do.....	37.0	39.0	42.7	36.4	36.0	37.2	38.1	35.1	40.5	40.1	40.3	41.7	41.9	43.4	43.6	* 45.6
Imports.....do.....	28.5	32.0	37.9	27.4	28.1	28.8	29.6	28.7	32.3	33.0	34.2	35.6	37.3	39.2	39.5	* 40.2
Govt. purchases of goods and services, total.....do.....	128.9	136.2	153.0	126.5	130.1	129.5	129.4	131.6	134.3	137.7	141.2	145.0	149.0	156.2	161.1	* 169.1
Federal.....do.....	65.2	66.8	76.9	64.9	66.6	65.1	64.1	64.4	65.6	67.5	69.8	71.9	74.0	79.0	81.7	* 87.0
National defense.....do.....	50.0	50.1	60.0	50.1	51.6	49.8	48.5	48.2	49.1	50.7	52.5	54.6	57.1	62.0	65.5	* 69.7
State and local.....do.....	63.7	69.4	76.2	61.6	63.4	64.4	65.3	67.3	68.7	70.2	71.4	73.1	75.0	77.2	79.4	* 82.1
By major type of product:†																
Final sales, total.....do.....	627.0	672.1	727.7	613.3	623.5	634.4	636.8	651.4	665.3	677.8	694.0	712.3	720.0	735.4	742.9	* 758.1
Goods, total.....do.....	313.6	335.7	365.3	307.1	311.4	318.8	316.9	324.3	331.2	338.8	348.4	357.0	359.3	369.7	374.2	* 379.5
Durable goods.....do.....	122.2	132.2	145.9	119.6	122.4	125.0	122.0	127.7	128.8	134.3	137.9	141.8	140.6	148.7	151.7	* 151.4
Nondurable goods.....do.....	191.3	203.5	219.5	187.5	189.0	193.8	195.0	196.6	202.4	204.4	210.5	215.2	218.7	221.0	222.5	* 228.1
Services.....do.....	244.5	262.0	285.9	237.3	242.7	247.1	251.1	254.3	259.8	265.1	268.8	275.5	282.1	289.9	296.2	* 304.2
Structures.....do.....	68.9	74.5	76.6	68.8	69.4	68.5	68.8	72.7	74.3	73.9	76.9	79.8	78.6	75.8	72.5	* 74.5
Change in business inventories.....do.....	4.7	9.1	11.9	3.5	4.2	3.6	7.4	9.5	7.6	8.7	10.4	8.9	12.3	9.9	16.4	* 5.6
Durable goods.....do.....	3.3	6.3	9.0	2.3	3.6	2.8	4.4	7.4	6.4	6.7	4.7	5.8	9.0	9.5	11.9	* 1.9
Nondurable goods.....do.....	1.4	2.7	2.9	1.2	.5	.8	2.9	2.1	1.2	2.1	5.7	3.1	3.3	.5	4.6	* 3.7
GNP in constant (1958) dollars																
Gross national product, total†.....bil. \$	580.0	614.4	647.8	569.7	578.1	585.0	587.2	600.3	607.8	618.2	631.2	640.5	643.5	649.9	657.2	* 656.7
Personal consumption expenditures, total.....do.....	373.8	396.2	415.5	365.7	371.0	379.5	378.9	387.1	392.2	398.9	406.5	412.8	412.2	418.3	418.5	* 422.0
Durable goods.....do.....	59.1	66.4	70.7	57.2	59.5	60.9	58.8	64.8	64.2	67.2	69.2	72.2	68.5	71.6	70.6	* 69.6
Nondurable goods.....do.....	170.5	178.2	186.0	167.2	168.4	173.3	173.1	174.2	177.6	178.5	182.5	184.1	185.8	187.1	187.1	* 190.1
Services.....do.....	144.2	151.6	158.7	141.2	143.1	145.3	146.9	148.1	150.4	153.1	154.8	156.5	157.9	159.6	160.8	* 162.3
Gross private domestic investment, total.....do.....	86.5	97.8	104.7	84.6	85.6	85.7	90.2	95.9	95.3	97.9	102.2	103.5	106.3	102.5	106.4	* 95.7
Fixed investment.....do.....	81.0	89.0	93.6	81.2	81.6	82.2	82.8	86.6	88.0	89.4	91.9	95.0	94.7	93.5	91.2	* 90.5
Nonresidential.....do.....	57.4	64.9	72.1	55.5	56.6	58.2	59.2	62.3	63.4	65.5	68.4	70.8	71.3	73.0	73.3	* 72.6
Residential structures.....do.....	24.6	24.1	21.5	25.7	24.9	24.1	23.6	24.4	24.5	23.9	23.5	24.3	23.4	20.5	17.9	* 17.9
Change in business inventories.....do.....	4.6	8.8	11.1	3.5	4.0	3.5	7.4	9.3	7.3	8.5	10.2	8.5	11.6	9.1	15.2	* 5.2
Net exports of goods and services.....do.....	8.5	6.3	4.7	9.2	8.2	8.4	8.0	5.7	7.1	6.4	6.0	5.9	4.6	4.2	4.1	* 5.3
Govt. purchases of goods and services, total.....do.....	111.3	114.1	123.2	110.3	113.3	111.3	110.1	111.5	113.2	115.0	116.6	118.3	120.4	124.9	128.3	* 133.6
Federal.....do.....	57.8	57.8	64.0	58.2	59.7	57.4	56.1	56.2	57.3	58.3	59.3	60.4	61.9	65.5	67.6	* 71.6
State and local.....do.....	53.4	56.3	59.1	52.0	53.6	53.9	54.0	55.3	55.9	56.7	57.3	57.9	58.5	59.4	60.7	* 62.0

* Revised. † Preliminary. ‡ Revised series. Estimates of national income and product and personal income have been revised (see p. 11 ff. of the July 1966 issue of the

SURVEY); revisions prior to May 1965 for personal income appear on p. 18 ff. of the July 1966 issue of the SURVEY. † Includes data not shown separately.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS

	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
CONSTRUCTION AND REAL ESTATE																
CONSTRUCTION PUT IN PLACE †																
New construction (unadjusted), total.....mil. \$..	71,930	74,369	5,544	6,228	6,579	7,044	6,955	6,915	6,847	6,586	6,204	5,562	4,857	4,421	5,107	
Private, total ?.....do.....	49,999	50,623	3,861	4,308	4,497	4,789	4,652	4,647	4,547	4,302	4,140	3,840	3,307	3,061	3,389	
Residential (nonfarm).....do.....	26,689	24,633	1,873	2,191	2,367	2,534	2,412	2,266	2,135	1,968	1,795	1,622	1,379	1,244	1,504	
New housing units.....do.....	20,765	18,773	1,443	1,620	1,734	1,848	1,846	1,754	1,650	1,507	1,356	1,217	1,033	947	1,085	
Nonresidential buildings, except farm and public utilities, total ?.....mil. \$..	16,521	18,734	1,452	1,546	1,533	1,621	1,612	1,722	1,759	1,670	1,672	1,579	1,404	1,327	1,341	
Industrial.....do.....	5,086	6,779	511	565	557	612	616	631	621	587	609	575	492	482	479	
Commercial.....do.....	6,704	6,887	530	550	537	573	585	639	653	635	624	600	529	490	506	
Farm construction.....do.....	1,195	1,208	92	91	96	102	111	115	110	107	102	99				
Public utilities.....do.....	5,178	5,564	395	431	458	495	481	509	509	523	535	507				
Public, total ?.....do.....	21,931	23,746	1,683	1,920	2,082	2,255	2,303	2,268	2,300	2,284	2,064	1,722	1,550	1,360	1,718	
Buildings (excluding military).....do.....	7,716	8,779	659	712	745	802	779	765	789	803	754	702				
Residential.....do.....	464	575	38	42	44	48	50	52	58	62	56	51				
Military facilities.....do.....	883	770	69	66	56	74	64	70	75	65	65	60				
Highways and streets.....do.....	7,547	8,274	511	657	769	867	962	926	874	833	694	486				
New construction (seasonally adjusted at annual rates), total.....bil. \$..			79.5	78.6	76.1	74.8	72.5	72.2	73.8	71.0	71.4	71.3	72.9	73.4	72.9	
Private, total ?.....do.....			55.1	54.3	52.3	52.1	50.1	49.7	49.7	46.8	46.8	46.9	48.3	49.0	48.2	
Residential (nonfarm).....do.....			27.3	27.4	27.0	26.2	25.1	23.9	23.1	22.0	20.8	20.5	20.7	21.2	21.8	
Nonresidential buildings, except farm and public utilities, total ?.....bil. \$..			20.5	19.6	18.2	18.7	17.9	18.5	19.3	17.6	18.5	18.9	20.3	20.3	19.0	
Industrial.....do.....			7.1	7.2	6.9	7.5	7.2	7.2	6.9	6.2	6.4	6.2	6.7	7.1	6.6	
Commercial.....do.....			7.7	7.1	6.1	6.3	6.3	6.5	7.1	6.6	7.1	7.5	8.1	7.9	7.3	
Farm construction.....do.....			1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2				
Public utilities.....do.....			5.4	5.5	5.3	5.6	5.5	5.6	5.7	5.6	5.8	5.9				
Public, total ?.....do.....			24.4	24.2	23.9	22.7	22.4	22.5	24.0	24.3	24.6	24.4	24.7	24.4	24.7	
Buildings (excluding military).....do.....			8.7	8.5	8.5	8.3	8.2	8.3	9.0	9.2	9.4	9.2				
Residential.....do.....			.5	.6	.6	.6	.5	.6	.6	.6	.6	.6				
Military facilities.....do.....			1.0	.9	.6	.7	.8	.7	.8	.7	.7	.7				
Highways and streets.....do.....			8.6	8.8	8.8	8.3	8.2	8.1	8.2	8.1	8.0	8.1				
CONSTRUCTION CONTRACTS																
Construction contracts in 48 States (F. W. Dodge Co.):																
Valuation, total.....mil. \$..	49,272	50,150	4,737	5,098	5,132	4,854	4,797	4,323	4,103	4,106	3,461	3,189	2,838	3,300	4,424	
Index (mo. data seas. adj.).....1957-59=100..	143	145	158	161	156	147	147	139	146	139	130	133	126	143	149	
Public ownership.....mil. \$..	16,209	18,152	1,463	1,574	1,902	1,937	2,020	1,568	1,379	1,607	1,357	1,287	1,113	1,188	1,509	
Private ownership.....do.....	33,064	31,998	3,274	3,524	3,230	2,916	2,778	2,754	2,724	2,499	2,104	1,903	1,725	2,112	2,916	
By type of building:																
Nonresidential.....do.....	17,219	19,393	1,720	1,883	1,826	1,885	1,813	1,729	1,676	1,796	1,424	1,358	1,175	1,430	1,714	
Residential.....do.....	21,248	17,827	2,004	2,081	1,970	1,828	1,484	1,515	1,280	1,225	1,076	903	937	1,056	1,584	
Non-building construction.....do.....	10,805	12,930	1,007	1,134	1,335	1,140	1,499	1,079	1,146	1,086	961	928	726	814	1,127	
New construction planning: (Engineering News-Record): \$.....do.....	45,625	52,112	4,608	3,686	3,578	4,902	2,362	3,807	5,937	4,533	4,434	6,940	4,940	5,401	5,029	3,359
Concrete pavement awards:																
Total.....thous. sq. yds.	125,580	119,108	25,684			34,119						359,306				
Airports.....do.....	4,410	4,187	513			1,419						2,255				
Roads.....do.....	86,779	87,834	21,298			23,814						42,723				
Streets and alleys.....do.....	29,016	23,643	3,161			8,027						12,455				
Miscellaneous.....do.....	5,376	3,443	711			859						1,873				
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total, incl. farm (private and public).....thous.	1,542.7	1,251.9	130.9	149.2	139.3	130.7	104.8	107.3	95.2	82.8	77.6	65.7	67.7	65.9	96.5	116.5
One-family structures.....do.....	963.5	794.7	80.9	95.4	88.1	83.8	71.4	71.2	62.6	55.2	50.9	40.3	40.7	39.9	68.3	
Privately owned.....do.....	1,505.0	1,220.2	126.3	147.1	135.4	127.5	104.0	105.4	92.4	80.2	75.3	63.6	65.1	64.1	95.0	114.3
Total nonfarm (private and public).....do.....	1,520.4	1,228.6	128.7	146.9	136.1	128.3	103.1	105.2	93.0	80.6	76.2	64.4	66.3	64.7	94.2	114.8
In metropolitan areas.....do.....	1,067.5	850.7	91.4	106.8	91.7	87.5	69.6	71.8	63.9	53.7	50.6	46.8	47.8	46.9	66.1	
Privately owned.....do.....	1,482.7	1,196.9	124.1	144.8	132.2	125.1	102.3	103.3	90.2	78.1	73.9	62.3	63.7	62.9	92.7	112.6
Seasonally adjusted at annual rates:																
Total, including farm (private only).....do.....			1,569	1,502	1,318	1,285	1,088	1,107	1,075	848	1,012	1,089	1,297	1,163	1,161	1,171
Total nonfarm (private only).....do.....			1,538	1,481	1,287	1,261	1,068	1,084	1,050	826	993	1,066	1,266	1,147	1,134	1,154
New private housing units authorized by bldg. permits (12,000 permit-issuing places):																
Seasonally adjusted at annual rates:																
Total.....thous.	1,241	966	1,268	1,185	1,098	954	921	844	733	714	715	759	942	894	928	1,003
One-family structures.....do.....	710	566	743	660	596	574	543	491	450	434	441	477	549	551	558	589
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite.....1957-59=100..	116	121	118	119	120	121	122	122	122	122	123	123	123	123	123	
American Appraisal Co., The:																
Average, 30 cities.....1913=100..	824	867	845	854	858	863	877	881	883	884	885	887	889	891	891	891
Atlanta.....do.....	904	941	917	926	927	927	950	952	953	969	970	970	970	970	970	972
New York.....do.....	925	963	949	954	954	954	969	971	980	980	979	979	992	997	997	997
San Francisco.....do.....	814	867	841	852	852	852	887	888	890	890	886	884	890	890	890	890
St. Louis.....do.....	808	852	830	836	853	853	863	863	864	864	878	879	883	883	883	882
Associated General Contractors (building only) 1957-59=100..	123	127	124	125	126	127	128	128	128	128	129	129	129	129	129	129

* Revised. † Annual total includes revisions not distributed to months. ‡ Computed from cumulative valuation total. § Data cover 6 months. ¶ Revised series. Monthly data for 1962-64 appear on p. 40 of the May 1966 SURVEY.

§ Includes data not shown separately. ¶ Data for Mar., June, Sept., and Dec. 1966 and Mar. 1967 are for 5 weeks; other months, 4 weeks.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
FINANCE—Continued																
SECURITIES ISSUED—Continued																
Securities and Exchange Commission—Continued																
Estimated gross proceeds—Continued																
By type of issuer:																
Corporate, total ²mil. \$..	15,992	18,074	2,482	1,582	1,106	2,427	1,085	1,712	1,400	892	1,115	1,661	1,684	1,418	2,362	
Manufacturing.....do.....	5,417	7,070	1,001	703	392	1,168	404	540	650	385	233	682	649	570	1,283	
Extractive (mining).....do.....	342	375	28	15	50	53	43	28	55	6	25	17	27	15	35	
Public utility.....do.....	2,936	3,665	344	371	277	330	288	318	82	258	335	414	222	279	510	
Railroad.....do.....	284	339	40	35	47	16	21	27	29	12	10	15	51	20	42	
Communication.....do.....	947	2,003	304	77	44	279	52	321	200	98	170	154	296	106	147	
Financial and real estate.....do.....	4,276	1,941	296	122	157	283	166	114	309	73	108	42	267	248	92	
Noncorporate, total ²do.....	24,116	26,941	1,768	2,086	2,076	2,645	2,322	1,964	1,849	1,626	5,570	1,616	3,407	6,105	2,891	
U.S. Government.....do.....	9,348	8,231	457	426	412	397	411	387	402	408	3,738	373	494	4,154	459	
State and municipal.....do.....	11,148	11,089	848	1,181	877	1,118	678	764	992	736	950	923	1,450	1,159	1,437	
New corporate security issues:																
Estimated net proceeds, total.....do.....	15,801	17,841	2,452	1,559	1,095	2,391	1,071	1,688	1,384	876	1,098	1,643	1,669	1,400	2,334	
Proposed uses of proceeds:																
New money, total.....do.....	13,063	15,806	2,039	1,399	1,000	2,245	932	1,617	1,114	783	1,033	1,363	1,522	1,375	2,178	
Plant and equipment.....do.....	7,712	12,430	1,482	1,137	746	1,786	667	1,353	887	630	839	1,128	1,135	918	1,755	
Working capital.....do.....	5,352	3,376	557	262	254	459	265	264	227	153	194	235	388	457	423	
Retirement of securities.....do.....	996	241	7	7	38	27	32	18	2	46	12	8	21	1	17	
Other purposes.....do.....	1,741	1,795	407	154	58	119	106	53	268	46	52	273	125	24	139	
State and municipal issues (Bond Buyer):																
Long-term.....do.....	11,084	11,089	848	1,181	877	1,118	678	764	992	736	950	923	1,450	1,159	1,437	1,078
Short-term.....do.....	6,537	6,524	608	1,061	865	384	174	620	362	266	989	458	454	756	634	1,197
SECURITY MARKETS																
Brokers' Balances																
(N.Y.S.E. Members Carrying Margin Accounts)																
Cash on hand and in banks.....mil. \$..	1,534	1,609	645	604	625	601	622	658	636	661	607	609	673	685	713	
Customers' debit balances (net).....do.....	1,543	1,587	5,671	5,862	5,797	5,798	5,700	5,645	5,400	5,216	5,275	5,387	5,375	5,445	5,803	
Customers' free credit balances (net).....do.....	1,066	1,167	1,822	1,744	1,839	1,658	1,595	1,595	1,528	1,520	1,532	1,637	1,914	1,936	2,135	
Money borrowed.....do.....	1,306	1,312	3,603	3,858	3,741	3,809	3,786	3,785	3,537	3,349	3,262	3,712	3,187			
Bonds																
Prices:																
Standard & Poor's Corporation:																
Industrial, utility, and railroad (AAA issues):																
Composite ³dol. per \$100 bond.....	93.9	86.1	87.9	87.6	87.6	87.0	86.0	84.1	82.6	83.4	83.5	83.0	85.9	86.4	85.6	
Domestic municipal (15 bonds).....do.....	110.6	102.6	103.9	105.9	104.5	103.2	100.9	97.7	98.6	100.5	101.0	102.4	106.0	106.4	105.8	
U.S. Treasury bonds, taxable ⁴do.....	83.76	78.63	78.92	79.75	79.56	78.93	77.62	77.02	77.15	78.07	77.68	78.73	81.54	80.73	80.96	80.24
Sales:																
Total, excl. U.S. Government bonds (SEC):																
All registered exchanges:																
Market value.....mil. \$..	3,794.22	4,261.12	485.14	423.27	394.28	312.44	254.63	306.60	322.01	341.50	312.46	366.38	446.77	409.22	478.39	
Face value.....do.....	3,288.68	3,740.48	373.14	334.44	344.51	258.46	222.05	291.76	315.08	348.44	313.01	356.22	417.53	350.65	394.94	
New York Stock Exchange:																
Market value.....do.....	3,643.11	4,100.86	466.96	402.67	380.69	301.98	247.12	295.65	312.43	332.34	293.69	348.01	428.29	385.34	451.87	
Face value.....do.....	3,150.16	3,589.62	358.35	318.91	333.50	248.57	215.03	279.97	304.96	338.21	293.70	335.45	400.29	330.33	374.71	
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$..	2,975.21	3,092.79	331.66	253.71	285.53	208.88	169.94	273.90	232.94	286.55	260.68	285.40	328.21	258.78	281.42	279.94
Yields:																
Domestic corporate (Moody's).....percent..																
By rating:																
Aaa.....do.....	4.49	5.13	4.92	4.96	4.98	5.07	5.16	5.31	5.49	5.41	5.35	5.39	5.20	5.03	5.13	5.11
Aa.....do.....	4.57	5.23	5.05	5.10	5.10	5.16	5.25	5.38	5.58	5.50	5.46	5.48	5.30	5.18	5.23	5.26
A.....do.....	4.63	5.35	5.12	5.18	5.17	5.29	5.36	5.48	5.69	5.67	5.65	5.69	5.53	5.38	5.49	5.46
Baa.....do.....	4.87	5.67	5.32	5.41	5.48	5.58	5.68	5.83	6.09	6.10	6.13	6.18	5.97	5.82	5.85	5.83
By group:																
Industrials.....do.....	4.61	5.30	5.06	5.09	5.12	5.25	5.33	5.49	5.71	5.63	5.59	5.63	5.45	5.33	5.39	5.37
Public utilities.....do.....	4.60	5.36	5.08	5.21	5.23	5.32	5.39	5.54	5.78	5.72	5.64	5.65	5.42	5.25	5.37	5.37
Railroads.....do.....	4.72	5.37	5.18	5.19	5.20	5.26	5.37	5.48	5.65	5.67	5.72	5.78	5.63	5.48	5.51	5.51
Domestic municipal:																
Bond Buyer (20 bonds).....do.....	3.28	3.83	3.59	3.62	3.78	3.83	3.96	4.24	4.03	3.74	4.02	3.77	3.40	3.60	3.54	3.69
Standard & Poor's Corp. (15 bonds).....do.....	3.27	3.82	3.72	3.59	3.68	3.77	3.94	4.17	4.11	3.97	3.93	3.83	3.58	3.56	3.60	
U.S. Treasury bonds, taxable ⁴do.....	4.21	4.66	4.63	4.55	4.57	4.63	4.74	4.80	4.79	4.70	4.74	4.65	4.40	4.47	4.45	4.51
Stocks																
Dividend rates, prices, and yields, common stocks (Moody's):																
Dividends per share, annual rate, composite dollars.....																
Industrials.....do.....	7.65	8.25	8.23	8.23	8.24	8.26	8.28	8.30	8.30	8.33	8.22	8.23	8.29	8.30	8.32	8.33
Public utilities.....do.....	8.48	9.17	9.17	9.18	9.18	9.18	9.19	9.22	9.22	9.25	9.07	9.08	9.15	9.16	9.17	9.18
Railroads.....do.....	3.86	4.11	4.08	4.08	4.09	4.10	4.12	4.14	4.14	4.14	4.15	4.18	4.18	4.20	4.27	4.27
N.Y. banks.....do.....	4.09	4.45	4.35	4.35	4.35	4.39	4.44	4.53	4.53	4.55	4.61	4.61	4.63	4.63	4.63	4.63
Fire insurance companies.....do.....	4.90	5.06	4.94	4.94	4.94	5.14	5.14	5.14	5.14	5.14	5.14	5.14	5.22	5.28	5.28	5.28
Price per share, end of mo., composite.....do.....	6.33	6.85	6.65	6.65	6.65	6.65	6.65	6.90	6.97	6.97	7.42	7.53	7.53	7.81	7.81	7.81
Industrials.....do.....	250.31	230.88	244.95	246.67	236.01	230.25	227.17	211.05	207.74	220.60	218.34	217.56	233.54	233.23	242.02	251.52
Public utilities.....do.....	284.32	266.77	286.15	288.13	274.18	267.22	262.90	244.39	239.01	250.49	248.93	246.38	266.77	267.35	278.90	293.28
Railroads.....do.....	117.08	102.90	105.41	106.33	102.45	99.95	101.03	92.51	94.57	104.92	103.47	105.99	108.12	105.18	106.81	108.90
Yields, composite.....percent..	95.06	92.65	102.01	102.66	93.56	92.58	89.63	81.22	80.17	83.37	83.25	82.91	93.13	92.56	93.52	93.60
Industrials.....do.....	3.06	3.57	3.36	3.34	3.49	3.59	3.64	3.93	4.00	3.78	3.76	3.78	3.55	3.56	3.44	3.31
Public utilities.....do.....	2.98	3.44	3.20	3.19	3.35	3.44	3.50	3.77	3.86	3.69	3.64	3.69	3.43	3.43	3.29	3.13
Railroads.....do.....	3.30	3.99	3.87	3.84	3.99	4.10	4.08	4.48	4.38	3.95	4.01	3.94	3.87	3.99	4.00	3.92
N.Y. banks.....do.....	4.30	4.80	4.26	4.24	4.65	4.74	4.95	5.58	5.65	5.46	5.54	5.56	4.97	5.00	4.95	4.85
Fire insurance companies.....do.....	3.33	3.44	3.81	4.03	3.95	4.18	4.30	4.85	4.67	3.96	3.90	3.80	3.79	3.94	3.84	3.83
Price per share, end of mo., composite.....do.....	2.74	2.92	2.95	2.82	2.97	3.05	2.98	3.22	3.15	2.70	2.92	2.92	2.93	3.17	3.28	3.31

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
ELECTRIC POWER AND GAS																
ELECTRIC POWER																
Production (utility and industrial), total † mil. kw.-hr.	1,157,583	1,248,232	101,899	96,667	100,559	105,367	113,380	112,348	102,282	103,070	102,729	109,717	109,951	101,061		
Electric utilities, total.....do.....	1,055,252	1,143,737	93,057	88,079	91,630	96,492	104,678	103,632	93,817	94,210	93,949	100,860	101,256	92,960		
By fuels.....do.....	949,254	74,890	71,759	73,193	80,271	89,054	87,309	79,722	79,786	78,745	83,053	83,566	76,369			
By waterpower.....do.....	861,401	194,482	18,167	16,321	18,436	16,221	15,624	16,323	14,095	14,424	15,204	17,807	17,690	16,591		
Privately and municipally owned util.....do.....	193,851	933,407	75,354	71,694	73,857	78,663	85,581	85,221	77,727	77,789	77,140	82,365	82,618	75,468		
Other producers (publicly owned).....do.....	859,414	210,329	17,703	16,385	17,772	17,830	19,096	18,411	16,090	16,422	16,809	18,495	18,638	17,492		
Industrial establishments, total.....do.....	195,838	104,496	8,841	8,587	8,929	8,875	8,703	8,716	8,466	8,859	8,780	8,857	8,695	8,101		
By fuels.....do.....	102,331	101,346	8,527	8,269	8,610	8,600	8,490	8,509	8,264	8,626	8,521	8,575	8,393	7,821		
By waterpower.....do.....	99,198	3,149	315	318	320	274	212	207	201	233	259	282	302	280		
Sales to ultimate customers, total (EEI).....do.....	953,414	1,038,982	84,035	82,324	82,001	84,542	89,682	93,376	91,519	86,718	86,350	89,262	93,362	89,654		
Commercial and industrial:																
Small light and power\$.....do.....	202,112	225,878	17,034	17,164	17,482	19,110	21,309	21,995	21,329	19,166	18,457	18,840	19,253	18,613		
Large light and power\$.....do.....	433,365	465,077	37,711	37,800	38,726	39,159	38,683	40,212	40,355	40,001	39,851	39,560	39,652	38,367		
Railways and railroads.....do.....	4,652	4,514	410	382	362	350	340	355	341	370	376	421	438	423		
Residential or domestic.....do.....	280,970	306,572	26,024	24,001	22,433	22,872	26,220	27,667	26,351	23,981	24,371	27,087	30,594	28,895		
Street and highway lighting.....do.....	8,782	9,240	776	727	689	664	668	714	746	811	866	914	925	834		
Other public authorities.....do.....	21,675	25,922	1,928	2,111	2,144	2,231	2,300	2,266	2,239	2,238	2,291	2,306	2,351	2,370		
Interdepartmental.....do.....	1,858	1,779	151	138	166	155	162	166	158	151	139	134	149	152		
Revenue from sales to ultimate customers (Edison Electric Institute).....mil. \$.....	15,158.4	16,196.1	1,304.7	1,282.8	1,278.3	1,327.1	1,414.5	1,453.1	1,427.6	1,351.6	1,330.5	1,375.0	1,431.2	1,398.1		
GAS																
Manufactured and mixed gas:																
Customers, end of period, total †.....thous.....	702	674	699			673			667			674				
Residential.....do.....	659	631	655			631			626			631				
Industrial and commercial.....do.....	42	41	43			41			40			41				
Sales to consumers, total †.....mil. therms.....	1,357	1,396	532			311			167			386				
Residential.....do.....	809	809	346			181			63			219				
Industrial and commercial.....do.....	534	579	186			127			103			163				
Revenue from sales to consumers, total †.....mil. \$.....	130.4	128.1	48.0			29.1			16.3			34.7				
Residential.....do.....	87.2	83.4	33.5			19.1			8.6			22.2				
Industrial and commercial.....do.....	42.1	44.3	14.5			9.7			7.9			12.2				
Natural gas:																
Customers, end of period, total †.....thous.....	37,265	37,974	37,282			37,182			37,157			37,974				
Residential.....do.....	34,227	34,870	34,215			34,182			34,201			34,870				
Industrial and commercial.....do.....	2,997	3,061	3,077			2,958			2,956			3,061				
Sales to consumers, total †.....mil. therms.....	118,748	127,016	41,253			30,043			23,566			32,154				
Residential.....do.....	39,190	40,701	18,272			8,821			3,402			10,206				
Industrial and commercial.....do.....	74,657	82,062	22,981			19,848			18,686			20,547				
Revenue from sales to consumers, total †.....mil. \$.....	7,278.5	7,697.0	2,748.8			1,793.3			1,194.9			1,960.1				
Residential.....do.....	3,937.8	4,081.7	1,675.4			922.4			454.5			1,029.3				
Industrial and commercial.....do.....	3,166.0	3,469.3	1,073.4			823.4			693.4			879.2				

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production.....mil. bbl.	108.22	113.04	10.31	9.82	10.14	11.51	11.32	10.99	9.00	8.37	8.10	8.33	8.38	8.15		
Taxable withdrawals.....do.....	100.42	104.26	8.73	8.54	9.06	10.74	10.59	10.44	8.95	7.79	7.93	8.14	7.00	7.07		
Stocks, end of period.....do.....	10.34	10.57	11.53	12.34	12.62	12.58	12.48	12.25	11.62	11.54	11.08	10.57	11.31	11.77		
Distilled spirits (total):																
Production.....mil. tax gal.	185.06	191.14	19.82	17.63	17.60	16.70	9.24	12.94	14.31	16.28	17.06	15.20	17.20	17.20		
Consumption, apparent, for beverage purposes.....mil. wine gal.	1294.20	1310.84	25.83	23.55	24.81	26.39	22.34	24.12	25.20	26.45	32.14	37.56	21.18	21.54		
Taxable withdrawals.....do.....	137.52	144.72	12.07	11.93	13.40	12.63	9.89	12.31	12.57	15.57	14.32	10.05	9.91	9.76		
Stocks, end of period.....do.....	872.90	880.42	886.18	888.94	889.41	890.76	887.20	885.41	883.87	879.81	878.48	880.42	885.49	888.40		
Imports.....mil. proof gal.	58.04	60.30	5.14	4.52	4.66	4.99	3.66	4.38	5.77	7.41	7.15	5.46	4.90	3.94	5.21	
Whisky:																
Production.....mil. tax gal.	126.88	128.51	15.06	13.18	12.72	11.50	4.94	7.61	8.72	9.26	9.92	9.85	12.73	13.81		
Taxable withdrawals.....do.....	90.05	94.57	7.87	7.41	8.15	7.56	6.09	7.46	8.68	11.13	10.06	6.55	6.49	6.81		
Stocks, end of period.....do.....	835.85	835.46	846.87	850.06	851.45	852.97	849.98	847.65	844.37	839.28	835.18	835.46	839.32	843.33		
Imports.....mil. proof gal.	51.10	52.20	4.49	4.00	4.07	4.38	2.82	3.74	4.58	6.60	6.39	4.88	4.10	3.42	4.49	
Rectified spirits and wines, production, total.....mil. proof gal.	94.11	101.30	8.60	8.10	9.49	8.12	5.93	8.46	9.21	12.70	9.92	6.92	6.49	6.87		
Whisky.....do.....	64.81	67.13	5.81	5.36	6.38	5.06	3.83	5.72	6.40	9.34	6.46	3.99	3.60	4.26		
Wines and distilling materials:																
Effervescent wines:																
Production.....mil. wine gal.	7.29	8.75	.88	.65	.66	.82	.47	.73	.58	.72	.73	.96	.86	.86		
Taxable withdrawals.....do.....	6.25	7.40	.48	.49	.50	.61	.38	.54	.73	.91	1.01	1.00	.51	.43		
Stocks, end of period.....do.....	3.10	3.75	4.14	4.26	4.34	4.49	4.55	4.66	4.46	4.20	3.88	3.75	4.01	4.38		
Imports.....do.....	1.45	1.64	.12	.10	.13	.11	.08	.10	.11	.23	.25	.18	.14	.13	.17	
Still wines:																
Production.....do.....	233.41	218.82	2.58	2.26	3.03	2.30	1.52	9.63	72.94	88.44	17.88	8.28	3.49	3.14		
Taxable withdrawals.....do.....	167.14	165.77	17.62	12.89	12.66	14.91	9.81	13.10	13.93	15.90	16.09	14.47	13.43	13.14		
Stocks, end of period.....do.....	262.30	265.10	225.26	214.16	202.11	188.78	178.55	171.88	225.04	290.38	282.86	265.10	253.50	239.90		
Imports.....do.....	14.91	16.34	1.38	1.16	1.48	1.30	1.02	1.21	1.25	1.57	2.07	1.43	1.22	1.08	1.47	
Distilling materials produced at wineries.....do.....	470.56	390.23	2.82	4.47	2.31	1.65	2.37	31.96	145.40	129.56	35.20	18.65	8.68	7.44		

† Revised. † Reported annual total; revisions not allocated to the months.
 † Monthly revisions for 1964 appear on p. 43 of the June 1966 SURVEY; production data for all periods shown here include Alaska and Hawaii.

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

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
DAIRY PRODUCTS																
Butter, creamery:																
Production (factory).....mil. lb.	1,322.8	1,119.2	101.5	106.2	116.4	114.8	83.9	77.3	70.5	79.1	80.8	97.4	112.9	103.8	113.3	-----
Stocks, cold storage, end of period.....do.	52.1	32.3	25.5	34.3	53.2	* 85.8	92.2	85.9	68.4	58.1	39.0	32.3	35.1	54.7	* 76.2	104.4
Price, wholesale, 92-score (N.Y.).....\$ per lb.	.610	.672	.643	.632	.641	.666	.717	.736	.754	.699	.680	.674	.669	.672	.672	.672
Cheese:																
Production (factory), total.....mil. lb.	1,755.5	1,873.6	158.7	165.6	184.2	194.5	169.5	156.8	145.6	144.0	139.4	155.3	153.1	143.0	160.3	-----
American, whole milk.....do.	1,158.4	1,234.5	100.2	113.0	130.5	138.3	116.6	105.3	95.3	91.6	85.8	98.6	101.5	94.9	107.2	-----
Stocks, cold storage, end of period.....do.	308.6	372.7	275.7	302.9	330.0	369.7	391.3	402.5	398.4	388.8	378.3	372.7	367.8	361.2	* 367.4	382.0
American, whole milk.....do.	271.0	322.2	235.4	258.9	282.4	321.1	340.9	349.4	347.1	335.5	325.4	322.2	317.4	308.6	* 317.9	329.8
Imports.....do.	79.3	135.5	11.1	7.8	5.9	10.3	9.7	10.8	10.3	15.3	17.8	17.8	14.7	13.2	18.8	-----
Price, wholesale, American, single daisies (Chi- cago).....\$ per lb.	.450	.527	.524	.507	.500	.517	.539	.562	.562	.554	.530	.530	.530	.520	.518	.518
Condensed and evaporated milk:																
Production, case goods:																
Condensed (sweetened).....mil. lb.	95.9	127.1	9.1	9.3	11.2	11.0	11.6	11.3	12.2	12.2	11.1	9.4	4.8	2.9	3.9	-----
Evaporated (unsweetened).....do.	1,693.0	1,730.9	147.0	165.6	193.2	195.4	158.1	159.1	133.8	125.8	107.4	109.9	105.2	103.7	121.0	-----
Stocks, manufacturers', case goods, end of period:																
Condensed (sweetened).....mil. lb.	5.9	11.6	6.6	5.8	8.5	8.4	6.1	6.9	6.0	7.0	7.2	11.6	14.3	* 15.5	13.8	-----
Evaporated (unsweetened).....do.	134.8	192.9	40.2	73.6	128.3	205.8	223.4	217.2	245.1	253.4	230.8	192.9	150.0	119.6	81.9	-----
Exports:																
Condensed (sweetened).....do.	165.3	92.9	9.7	4.7	9.1	8.6	8.3	10.7	8.1	10.3	7.0	5.6	-----	-----	-----	-----
Evaporated (unsweetened).....do.	124.7	38.4	3.1	3.4	4.4	2.5	3.5	4.9	3.8	3.4	2.1	3.0	1.5	5.9	-----	-----
Price, manufacturers' average selling:																
Evaporated (unsweetened).....\$ per case	6.09	6.73	6.46	6.55	6.63	6.64	6.78	6.93	7.07	7.06	7.07	7.06	7.05	7.05	7.05	-----
Fluid milk:																
Production on farms.....mil. lb.	124,173	120,230	10,537	10,725	11,525	11,209	10,350	9,763	9,263	9,333	9,012	9,511	9,855	9,217	10,510	10,732
Utilization in mft. dairy products.....do.	60,168	57,365	5,026	5,270	5,849	6,152	5,187	4,804	4,181	4,048	3,907	4,371	4,770	4,545	5,217	-----
Price, wholesale, U.S. average.....\$ per 100 lb.	* 4.23	4.81	4.54	4.44	4.34	4.36	4.71	* 5.00	5.29	5.40	5.38	5.30	5.15	5.06	* 4.95	4.84
Dry milk:																
Production:																
Dry whole milk.....mil. lb.	88.6	87.5	7.5	8.1	7.6	8.9	7.0	7.5	7.0	6.5	6.0	5.5	5.8	6.0	6.9	-----
Nonfat dry milk (human food).....do.	1,992.7	1,587.5	146.0	167.5	188.0	192.5	132.0	110.5	89.0	92.9	92.9	122.7	133.8	129.6	144.0	-----
Stocks, manufacturers', end of period:																
Dry whole milk.....do.	5.0	6.9	5.9	6.7	9.2	8.7	8.8	8.2	7.9	8.4	8.3	6.9	6.8	7.0	7.2	-----
Nonfat dry milk (human food).....do.	58.2	118.5	47.5	79.4	112.5	139.8	143.6	129.3	118.4	116.8	112.2	118.5	118.7	111.7	99.6	-----
Exports:																
Dry whole milk.....do.	120.0	16.4	2.0	1.0	2.2	.5	1.2	2.6	1.4	.9	.8	.8	1.2	1.6	-----	-----
Nonfat dry milk (human food).....do.	1438.8	170.3	16.2	28.8	9.5	8.3	26.0	19.7	15.6	9.8	8.8	4.1	9.4	14.4	-----	-----
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.147	.182	.156	.169	.172	.174	.195	.202	.206	.200	.204	.201	.200	.199	.201	-----
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat).....mil. bu.	1,1385.6	1,590.3	161.3	160.6	139.7	143.4	119.0	138.7	134.0	126.8	125.5	101.3	90.5	82.7	100.9	-----
Barley:																
Production (crop estimate).....do.	* 392.3	* 389.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Stocks (domestic), end of period.....do.	300.8	* 292.3	193.1	-----	-----	* 104.8	-----	-----	386.1	-----	-----	* 292.3	-----	-----	205.9	-----
On farms.....do.	184.5	177.2	99.2	-----	-----	* 46.1	-----	-----	245.3	-----	-----	177.2	-----	-----	113.9	-----
Off farms.....do.	116.3	* 115.1	94.0	-----	-----	* 58.6	-----	-----	140.8	-----	-----	* 115.1	-----	-----	92.0	-----
Exports, including malt.....do.	* 65.9	63.6	4.5	7.9	7.3	8.0	3.0	3.7	8.5	4.6	4.3	1.4	2.7	3.1	.8	-----
Prices, wholesale (Minneapolis):																
No. 2, malting.....\$ per bu.	1.33	1.35	1.36	1.32	1.33	1.30	1.30	1.34	1.39	1.41	1.37	1.36	1.35	1.32	1.33	1.32
No. 3, straight.....do.	1.27	1.33	1.35	1.29	1.30	1.27	1.27	1.31	1.35	1.39	1.36	1.34	1.34	1.31	1.32	1.31
Corn:																
Production (crop estimate, grain only).....mil. bu.	* 4,084	* 4,103	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grindings, wet process.....do.	204.9	203.6	18.0	17.0	16.8	18.2	16.9	18.1	17.1	18.3	16.9	15.1	16.2	15.1	17.6	16.7
Stocks (domestic), end of period, total.....mil. bu.	4,041	3,663	2,863	-----	-----	1,783	-----	-----	* 840	-----	-----	3,663	-----	-----	2,704	-----
On farms.....do.	3,085	2,885	2,123	-----	-----	1,324	-----	-----	* 530	-----	-----	2,885	-----	-----	2,034	-----
Off farms.....do.	956	778	741	-----	-----	459	-----	-----	* 311	-----	-----	778	-----	-----	670	-----
Exports, including meal and flour.....do.	* 598.9	616.6	65.7	64.6	53.4	55.3	43.4	51.8	45.3	35.6	56.4	44.6	35.4	38.1	49.0	-----
Prices, wholesale:																
No. 3, yellow (Chicago).....\$ per bu.	1.28	1.34	1.25	1.28	1.28	1.32	1.39	1.48	1.44	1.37	1.31	1.42	1.40	1.38	1.38	1.36
Weighted avg., 5 markets, all grades.....do.	1.25	1.31	1.22	1.24	1.26	1.25	1.33	1.40	1.40	1.35	1.33	1.37	1.36	1.33	1.34	1.32
Oats:																
Production (crop estimate).....mil. bu.	* 927	* 798	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Stocks (domestic), end of period, total.....do.	762	660	536	-----	-----	* 316	-----	-----	833	-----	-----	660	-----	-----	441	-----
On farms.....do.	660	555	448	-----	-----	* 241	-----	-----	675	-----	-----	555	-----	-----	354	-----
Off farms.....do.	103	* 105	87	-----	-----	* 75	-----	-----	158	-----	-----	* 105	-----	-----	88	-----
Exports, including oatmeal.....do.	* 24.3	30.2	.8	3.4	5.2	3.9	3.6	2.3	3.2	4.2	2.3	.2	* 5	(⁶)	(⁶)	-----
Price, wholesale, No. 2, white (Chicago).....\$ per bu.	.74	* 77	.77	.75	.74	.78	.77	.76	.75	.78	.78	-----	.79	.77	.77	.75
Rice:																
Production (crop estimate).....mil. bags ⁹	* 76.3	* 85.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
California mills:																
Receipts, domestic, rough.....mil. lb.	1,612	1,586	126	95	76	117	66	82	266	371	33	154	179	147	163	-----
Shipments from mills, milled rice.....do.	1,055	946	105	59	97	61	54	53	* 109	110	54	58	197	119	122	-----
Stocks, rough and cleaned (cleaned basis), end of period.....mil. lb.	207	317	143	146	80	111	99	97	168	304	262	317	260	248	239	-----
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers.....mil. lb.	5,711	5,880	133	108	72	25	98	896	1,312	1,640	664	405	341	294	232	-----
Shipments from mills, milled rice.....do.	* 4,020	3,962	291	253	288	365	271	232	366	404	416	399	403	414	441	-----
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.	1,641	1,758	1,170	1,002	763	442	254	623	1,109	1,826	1,867	1,758	1,611	2,766	1,163	-----
Exports.....do.	* 3,411	2,978	233	205	295	219	404	85	200	226	246	322	472	390	461	-----
Price, wholesale, Nato, No. 2 (N.O.).....\$ per lb.	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.085	.085	.085	.085	.085	-----
Rye:																
Production (crop estimate).....mil. bu.	* 33.2	* 27.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Stocks (domestic), end of period.....do.	28.8	* 28.3	24.8	-----	-----	* 19.0	-----	-----	37.8	-----	-----	* 28.3	-----	-----	24.3	-----
Price, wholesale, No. 2 (Minneapolis).....\$ per bu.	1.15	1.20	1.16	1.17	1.14	1.19	1.22	1.24	1.23	1.18	1.21	1.25	1.20	1.19	1.23	1.21

* Revised. * Preliminary. * See note "C" for p. S-21. * Crop estimate for the year. * Old crop only; new crop not reported until beginning of new crop year (July for barley, oats, rye, and wheat; Oct. for corn). * Average for 11 months.

* Beginning June 1965, data include shipments to Gov't. agencies.
* Less than 500,000 bushels. * Excludes pearl barley.
* Bags of 100 lb.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS

	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
GRAIN AND GRAIN PRODUCTS—Con.																
Wheat:																
Production (crop estimate), total.....mil. bu.	1,316	1,311														
Spring wheat.....do.	1,299	1,254														
Winter wheat.....do.	1,017	1,057														
Distribution.....do.	1,432	1,602	419			382			406			395			346	
Stocks (domestic), end of period, total.....do.	1,336	1,049	917			2,535			1,441			1,049			703	
On farms.....do.	405	409	256			2,131			544			1,009			241	
Off farms.....do.	931	640	662			2,404			897			640			462	
Exports, total, including flour.....do.	3,694.2	875.7	90.4	83.6	72.8	76.2	68.8	80.5	76.2	81.8	62.1	55.1	51.8	40.7	50.8	
Wheat only.....do.	3,646.5	820.8	87.7	77.7	67.0	71.4	64.1	74.7	71.6	75.8	56.1	50.5	48.1	38.0	46.5	
Prices, wholesale:																
No. 1, dark northern spring (Minneapolis) \$ per bu.	1.83	1.97	1.87	1.84	1.87	1.98	2.10	2.09	2.09	2.02	2.00	1.97	1.92	1.91	1.97	1.96
No. 2, hd. and dk. hd. winter (Kans. City).....do.	1.58	1.81	1.64	1.65	1.74	1.89	1.99	1.98	1.93	1.80	1.88	1.86	1.79	1.73	1.84	1.78
Weighted avg., 6 markets, all grades.....do.	1.70	1.88	1.74	1.72	1.78	1.88	1.96	1.98	2.08	2.00	1.98	1.95	1.91	1.87	1.93	1.91
Wheat flour:																
Production:																
Flour.....thous. sacks (100 lb.)	254,584	257,188	23,013	20,686	20,628	22,350	20,037	22,380	23,093	22,924	21,484	20,803	20,669	19,390	21,810	
Operations, percent of capacity.....do.	90.9	91.3	90.7	89.2	89.0	92.4	90.9	88.3	94.8	98.1	91.9	88.9	87.3	86.1	83.4	
Offal.....thous. sh. tons	4,693	4,668	416	374	373	403	367	405	420	417	389	377	376	350	377	
Grindings of wheat.....thous. bu.	575,874	579,183	51,811	46,585	46,382	50,222	45,402	50,400	51,996	51,602	48,133	46,621	46,429	43,506	48,929	
Stocks held by mills, end of period.....thous. sacks (100 lb.)	4,314	4,180	4,086			4,228			4,197			4,180			4,226	
Exports.....do.	3,20,464	23,540	1,155	2,532	2,492	2,071	2,015	2,495	1,962	2,601	2,595	1,956	1,564	1,172	1,844	
Prices, wholesale:																
Spring, standard patent (Minneapolis) \$ per 100 lb.	5.784	6.365	5.913	5.925	6.050	6.450	6.905	6.838	6.813	6.638	6.550	6.325	6.250	6.175		
Winter, hard, 95% patent (Kans. City).....do.	5.464	5.994	5.540	5.567	5.800	6.200	6.573	6.483	6.433	6.167	6.100	5.883	5.700	5.633		
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals	5,076	4,432	459	370	318	325	313	361	390	389	384	366	372	313	400	
Cattle.....do.	26,614	27,319	2,232	2,103	2,249	2,397	2,236	2,409	2,416	2,335	2,285	2,257	2,365	2,105	2,338	
Receipts at 26 public markets.....do.	13,994	13,133	1,110	932	961	1,151	976	1,148	1,115	1,355	1,244	1,042	1,142	840	943	891
Shipments, feeder, to 8 corn-belt States.....do.	7,230	8,056	513	466	448	373	443	576	911	1,424	1,325	705	514	355	459	
Prices, wholesale:																
Beef steers (Chicago) \$ per 100 lb.	25.81	26.17	28.96	27.73	26.54	25.33	25.26	25.73	26.07	25.48	24.93	24.49	25.21	24.92	24.65	24.59
Steers, stocker and feeder (Kansas City).....do.	22.50	25.42	27.62	26.74	26.31	24.92	24.15	25.51	25.51	24.79	24.18	24.28	24.32	24.04	24.58	24.81
Calves, vealers (Natl. Stockyards, Ill.).....do.	27.17	32.38	36.00	35.00	33.50	33.00	26.50	28.50	30.00	31.50	32.50	32.50	33.00	35.00		
Hogs:																
Slaughter (federally inspected).....thous. animals	63,708	63,729	5,806	5,303	4,913	4,672	4,228	5,088	5,888	6,047	6,200	6,215	6,280	5,652	6,725	
Receipts at 26 public markets.....do.	15,386	15,175	1,316	1,291	1,245	1,192	1,004	1,192	1,305	1,439	1,469	1,460	1,497	1,233	1,442	1,372
Prices:																
Wholesale, average, all grades (Chicago) \$ per 100 lb.	20.78	22.88	24.00	21.72	22.25	22.88	22.65	23.85	22.57	21.34	19.78	19.10	18.77	18.81	18.05	17.23
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....do.	18.2	18.6	20.5	18.6	18.7	19.3	18.1	18.3	16.4	16.4	15.2	14.6	14.8	14.9	14.0	13.5
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals	11,710	11,553	1,035	972	970	1,040	929	1,024	1,067	1,022	896	905	1,053	989	1,072	
Receipts at 26 public markets.....do.	3,450	3,901	314	279	315	335	303	398	427	405	344	269	298	221	250	215
Shipments, feeder, to 8 corn-belt States.....do.	2,157	1,988	120	172	168	109	104	230	325	337	126	111	88	70	71	
Prices, wholesale:																
Lambs, average (Chicago) \$ per 100 lb.	24.29	25.00	26.75	25.75	27.12	24.25	23.75	24.75	24.00	23.25	22.25	22.00	22.50	21.25	21.25	22.75
MEATS AND LARD																
Total meats:																
Production (carcass weight, leaf lard in), inspected slaughter.....mil. lb.	28,336	29,289	2,500	2,349	2,363	2,432	2,197	2,480	2,593	2,600	2,635	2,647	2,732	2,419	2,748	
Stocks (excluding lard), cold storage, end of period.....mil. lb.	484	621	528	585	572	518	495	433	451	509	565	621	668	697	727	776
Exports (meat and meat preparations).....do.	3,535	480	43	32	31	38	34	45	43	59	52	36	36	42	41	
Imports (meat and meat preparations).....do.	1,012	1,318	94	107	88	143	98	123	131	128	104	106	115	99	110	
Beef and veal:																
Production, inspected slaughter.....do.	15,995	16,708	1,367	1,291	1,359	1,466	1,346	1,489	1,467	1,432	1,414	1,418	1,488	1,324	1,466	
Stocks, cold storage, end of period.....do.	269	317	236	225	213	219	227	222	232	261	282	317	334	325	313	296
Exports.....do.	346	32	3	2	2	3	2	2	3	3	3	3	3	3	3	
Imports.....do.	718	895	50	65	53	103	68	96	101	92	72	73	82	63	67	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York) \$ per lb.	.433	.441	.469	.460	.442	.424	.410	.440	.448	.433	.427	.431	.437	.434	.419	.427
Lamb and mutton:																
Production, inspected slaughter.....mil. lb.	576	581	54	50	49	51	45	49	52	51	45	46	55	52	56	
Stocks, cold storage, end of period.....do.	12	17	13	18	20	22	26	22	21	20	18	17	15	15	13	16
Pork (including lard), production, inspected slaughter.....mil. lb.	11,766	12,000	1,078	1,008	954	914	806	942	1,074	1,117	1,177	1,183	1,189	1,042	1,226	
Pork (excluding lard):																
Production, inspected slaughter.....do.	9,330	9,670	878	804	761	727	646	757	867	901	961	955	959	845	996	
Stocks, cold storage, end of period.....do.	152	234	217	272	268	214	179	140	151	171	206	234	256	290	331	386
Exports.....do.	353	55	4	3	5	6	3	4	4	7	7	6	5	7	6	
Imports.....do.	262	298	31	29	22	26	22	18	22	26	24	25	23	27	32	
Prices, wholesale:																
Hams, smoked, composite \$ per lb.	.542	.587	.625	.537	.552	.562	.552	.577	.557	.557	.568	.625	.578	.540		
Fresh loins, 8-12 lb. average (New York).....do.	.532	.569	.568	.533	.562	.604	.561	.577	.580	.550	.509	.497	.512	.506	.467	.458
Lard:																
Production, inspected slaughter.....mil. lb.	1,772	1,696	144	149	141	136	116	134	149	157	163	165	167	143	166	
Stocks, dry and cold storage, end of period.....do.	62	100	77	94	104	102	94	73	64	70	78	100	116	125	134	
Exports.....do.	3251	158	18	5	15	15	10	16	8	15	19	14	18	14	10	
Price, wholesale, refined (Chicago) \$ per lb.	.153	.152	.160	.150	.144	.140	.143	.164	.158	.148	.143	.133	.138	.136		

* Revised. * Preliminary.

1 Crop estimate for the year.

2 Old crop only; new grain not reported until beginning of new crop year (July for wheat).

3 See note "O" for p. S-21. 4 Beginning 1966, data are for receipts at 28 markets.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS

	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
POULTRY AND EGGS																
Poultry:																
Slaughter (commercial production).....mil. lb.	7,998	8,786	562	603	617	724	717	893	931	958	888	790	682	551	624	
Stocks, cold storage (frozen), end of period, total.....mil. lb.	315	436	201	169	151	160	209	283	409	539	468	436	437	409	351	320
Turkeys.....do.	200	267	122	92	69	70	104	171	284	395	312	267	275	254	207	175
Price, in Georgia producing area, live broilers.....\$ per lb.	.145	.145	.165	.150	.160	.155	.155	.150	.140	.120	.125	.110	.125	.140	.130	.125
Eggs:																
Production on farms.....mil. cases	182.5	184.6	16.0	15.8	16.2	15.3	15.2	15.0	14.7	15.5	15.4	16.2	16.4	15.0	17.0	16.7
Stocks, cold storage, end of period:																
Shell.....thous. cases	85	27	28	42	76	101	79	57	100	48	23	27	64	55	41	99
Frozen.....mil. lb.	51	36	24	33	42	55	62	60	53	46	39	36	37	41	44	54
Price, wholesale, extras, large (delivered; Chicago).....\$ per doz.	.328	.401	.423	.385	.319	.325	.399	.417	.477	.430	.456	.399	.343	.311	.322	.265
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells).....thous. lg. tons.	354.4	319.3	46.6	29.2	33.5	14.0	20.3	9.6	10.3	13.4	15.9	26.8	49.8	50.9	39.8	
Price, wholesale, Accra (New York).....\$ per lb.	.172	.246	.233	.259	.244	.248	.274	.270	.241	.240	.233	.249	.266	.305	.290	.274
Coffee (green):																
Inventories (roasters', importers', dealers'), end of period.....thous. bags	3,143	3,141	3,189			3,468			3,343			3,141			2,874	
Roastings (green weight).....do.	21,680	21,300	5,571			5,185			5,119			5,425			5,657	
Imports, total.....do.	21,290	22,056	2,382	1,965	1,818	1,680	1,570	1,309	2,085	2,168	1,573	1,664	1,979	1,618	2,092	
From Brazil.....do.	5,742	6,726	529	597	570	560	451	153	960	947	455	471	560	359	412	
Price, wholesale, Santos, No. 4 (New York).....\$ per lb.	.451	.414	.420	.423	.413	.410	.406	.413	.410	.403	.403	.398	.395	.388	.388	.385
Confectionery, manufacturers' sales.....mil. \$.	1,434	1,544	130	111	101	103	75	117	182	171	169	138	146	143	135	
Fish:																
Stocks, cold storage, end of period.....mil. lb.	230	271	162	162	164	178	211	248	259	262	272	271	253	224	204	190
Sugar:																
Cuban stocks, raw, end of period.....thous. Spanish tons.	472	40	2,347	2,797	2,675	2,300	1,642	1,297	1,022	762	242	40	685	1,640	2,890	3,390
United States:																
Deliveries and supply (raw basis):\$																
Production and receipts:																
Production.....thous. sh. tons.	4,152	4,042	194	134	90	43	48	60	128	676	1,073	896	561	216		
Entries from off-shore, total \$.....do.	5,796	6,232	331	231	258	407	589	817	500	387	357	232	2,074	246	233	
Hawaii and Puerto Rico.....do.	1,966	1,915	203	235	260	198	188	163	113	136	82	7	170	143	184	
Deliveries, total \$.....do.	10,151	10,444	831	750	837	976	1,038	1,032	1,073	776	776	889	674	683		
For domestic consumption.....do.	10,020	10,297	817	739	825	967	1,028	1,020	1,058	763	759	871	658	673		
Stocks, raw and ref., end of period.....do.	2,648	2,594	2,519	2,514	2,300	1,982	1,670	1,300	1,007	1,460	2,142	2,594	2,832	2,734	2,550	
Exports, raw and refined.....sh. tons.	2,359	3,006	1,765	155	123	75	131	86	177	84	184	88	40	89	91	
Imports:																
Raw sugar, total \$.....thous. sh. tons.	3,783	4,198	313	303	253	394	506	380	612	390	338	289	225	295	406	
From the Philippines.....do.	1,055	1,039	149	117	46	101	154	68	154	33	56	16	64	45	100	
Refined sugar, total.....do.	82	38	4	(2)	2	5	3	(2)	3	5	9	5	5	10	4	
Prices (New York):																
Raw, wholesale.....\$ per lb.	.068	.070	.068	.069	.069	.069	.070	.071	.071	.072	.071	.071	.071	.072	.072	.072
Refined:																
Retail (incl. N.E. New Jersey).....\$ per 5 lb.	.595	.620	.615	.616	.617	.617	.619	.623	.618	.630	.632	.636	.633	.630	.629	
Wholesale (excl. excise tax).....\$ per lb.	.095	.096	.098	.095	.095	.095	.095	.096	.097	.097	.097	.099	.099	.099		
Tea, imports.....thous. lb.	130,358	132,996	14,677	13,778	11,948	10,649	8,446	9,681	13,174	11,018	9,281	10,545	12,461	11,633	14,419	
Baking or frying fats (incl. shortening):																
Production.....mil. lb.	2,792.5	3,181.2	265.2	242.6	262.1	270.8	232.8	307.7	276.8	260.5	265.9	264.3	259.8	260.1	272.9	
Stocks (producers' and warehouse), end of period.....mil. lb.	116.6	118.6	118.4	132.0	123.1	141.3	119.8	110.8	116.8	118.5	109.7	118.6	119.3	118.8	119.2	
Salad or cooking oils:																
Production.....do.	2,773.1	2,946.8	271.8	233.9	253.0	269.9	240.9	248.1	219.3	219.9	237.6	259.8	238.0	240.8	254.1	
Stocks (producers' and warehouse), end of period.....mil. lb.	85.9	83.4	79.0	96.2	104.8	81.4	85.8	89.1	60.6	67.6	82.2	83.4	76.0	89.4	81.9	
Margarine:																
Production.....do.	1,904.4	2,109.7	188.5	163.6	164.3	159.5	147.9	178.1	173.4	190.0	193.3	192.9	202.3	174.7	193.5	
Stocks (producers' and warehouse), end of period.....mil. lb.	41.6	53.2	58.5	56.0	56.4	57.5	58.1	55.9	57.5	59.9	54.8	53.2	49.5	55.3	65.5	
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered).....\$ per lb.	.261	.266	.261	.261	.261	.261	.261	.266	.274	.273	.273	.273	.273	.256		
FATS, OILS, AND RELATED PRODUCTS																
Animal and fish fats:Δ																
Tallow, edible:																
Production (quantities rendered).....mil. lb.	530.1	566.7	45.4	40.8	49.3	45.8	41.3	49.4	45.5	47.9	55.0	51.0	51.0	53.4	51.3	
Consumption in end products.....do.	416.8	510.8	36.5	34.6	42.9	43.4	39.8	55.6	47.5	42.7	47.7	40.0	35.3	44.4	44.6	
Stocks (factory and warehouse), end of period.....mil. lb.	31.1	50.9	40.8	41.0	49.6	51.0	50.0	45.5	40.3	43.3	43.0	50.9	63.0	75.1	78.5	
Tallow and grease (except wool), inedible:																
Production (quantities rendered).....do.	4,302.5	4,466.9	370.6	338.5	366.0	378.0	346.0	375.7	389.8	380.0	398.8	410.7	408.5	387.9	419.8	
Consumption in end products.....do.	2,210.5	2,439.6	208.2	188.3	208.2	225.6	165.7	219.1	215.3	203.3	207.9	210.5	191.3	191.3	205.6	
Stocks (factory and warehouse), end of period.....mil. lb.	413.8	447.4	410.2	414.0	357.4	352.2	382.1	393.9	417.1	422.8	430.9	447.4	507.7	471.9	501.5	
Fish and marine mammal oils:																
Production.....do.	190.2	164.1	.5	5.4	18.9	35.4	28.6	21.8	20.4	8.7	16.5	7.1	1.9	.5	.6	
Consumption in end products.....do.	79.3	76.8	7.0	6.6	7.3	7.4	5.3	6.6	6.7	5.2	6.5	5.8	6.1	5.6	5.7	
Stocks (factory and warehouse), end of period.....mil. lb.	185.3	158.5	137.4	135.5	138.6	138.4	151.0	166.7	180.4	172.1	183.9	158.5	153.0	154.4	144.5	

* Revised. * Preliminary. † See note "O" for p. S-21. ‡ Less than 500 short tons.

○ Cases of 30 dozen. ◇ Bags of 132.276 lb.

§ Monthly data reflect cumulative revisions for prior periods. ¶ Includes data not shown separately; see also note "§".

Δ For data on lard, see p. S-28.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
PETROLEUM, COAL, AND PRODUCTS																
COAL																
Anthracite:																
Production.....thous. sh. tons..	14,866	12,951	1,082	1,289	1,232	1,196	876	1,190	1,040	1,124	1,025	1,003	829	689	859	1,032
Exports.....do.....	1851	766	49	50	62	101	52	53	87	91	44	37	60	35	41	-----
Price, wholesale, chestnut, f.o.b. car at mine \$ per sh. ton..	12.979	12.824	13.580	12.005	12.005	12.005	12.005	12.355	12.840	12.985	13.475	13.475	13.475	13.475	-----	-----
Bituminous:																
Production.....thous. sh. tons..	512,088	532,000	48,736	30,528	46,074	45,702	35,071	50,965	47,243	48,990	46,791	48,324	47,000	42,390	47,310	44,375
Industrial consumption and retail deliveries, total ?.....thous. sh. tons..	459,164	486,498	41,032	38,047	37,420	37,994	39,240	39,818	38,486	41,279	42,052	45,395	45,023	41,160	-----	-----
Electric power utilities.....do.....	242,729	264,202	21,631	20,324	19,972	21,269	22,962	22,684	20,990	22,009	22,433	24,602	24,723	22,758	-----	-----
Mfg. and mining industries, total.....do.....	196,732	201,722	17,532	16,567	16,660	16,149	15,736	16,119	15,992	17,171	17,379	18,145	17,689	15,852	-----	-----
Coke plants (oven and beehive).....do.....	94,779	95,975	8,182	7,827	8,272	8,159	8,224	8,329	8,073	8,213	7,947	7,997	7,946	7,259	-----	-----
Retail deliveries to other consumers.....do.....	19,048	19,965	1,865	1,102	706	498	474	938	1,432	2,023	2,163	2,628	2,610	2,550	-----	-----
Stocks, industrial and retail dealers', end of period, total.....do.....	77,393	74,466	73,526	68,115	69,761	73,173	65,344	68,558	72,471	75,336	75,534	74,466	74,951	69,648	-----	-----
Electric power utilities.....do.....	53,437	52,895	48,973	46,919	48,605	50,589	46,424	48,793	51,981	54,520	54,409	52,895	51,307	49,683	-----	-----
Mfg. and mining industries, total.....do.....	23,603	21,332	24,362	20,993	20,918	22,304	18,622	19,450	20,183	20,625	20,845	21,332	21,425	19,891	-----	-----
Oven-coke plants.....do.....	10,506	9,206	11,318	8,640	8,485	9,078	6,683	7,265	7,632	8,180	8,568	9,206	9,244	9,365	-----	-----
Retail dealers.....do.....	353	239	191	203	238	286	298	315	307	291	280	239	219	174	-----	-----
Exports.....do.....	150,181	49,302	3,512	3,937	4,238	5,038	4,038	5,156	5,070	4,877	4,240	3,175	2,622	3,610	3,102	-----
Prices, wholesale:																
Screenings, indust. use, f.o.b. mine \$ per sh. ton..	4.794	4.952	4.798	4.814	4.986	4.986	4.986	4.990	4.990	5.031	5.113	5.129	5.122	5.122	-----	-----
Domestic, large sizes, f.o.b. mine.....do.....	6.926	6.971	7.005	6.632	6.614	6.695	6.795	6.953	7.259	7.011	7.056	7.143	7.162	7.162	-----	-----
COKE																
Production:																
Beehive.....thous. sh. tons..	1,657	1,443	115	108	113	121	102	140	142	141	135	126	119	93	75	-----
Oven (byproduct).....do.....	65,198	65,700	5,598	5,401	5,674	5,528	5,682	5,714	5,512	5,604	5,425	5,482	5,453	4,996	5,551	-----
Petroleum coke\$.....do.....	17,208	17,611	1,478	1,381	1,448	1,419	1,470	1,530	1,405	1,478	1,518	1,573	1,537	-----	-----	-----
Stocks, end of period:																
Oven-coke plants, total.....do.....	2,701	3,030	2,627	2,345	2,166	2,080	2,258	2,438	2,575	2,635	2,821	3,030	3,249	3,388	3,527	-----
At furnace plants.....do.....	2,445	2,822	2,442	2,172	2,009	1,939	2,061	2,228	2,356	2,428	2,621	2,822	3,018	3,156	3,273	-----
At merchant plants.....do.....	256	208	185	173	157	141	197	210	220	207	200	208	231	232	254	-----
Petroleum coke.....do.....	1,478	1,459	1,584	1,570	1,563	1,552	1,582	1,556	1,506	1,484	1,459	1,459	1,589	-----	-----	-----
Exports.....do.....	1834	1,102	68	118	146	109	77	68	100	96	95	95	76	68	67	-----
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed.....number..	18,761	16,076	1,517	1,274	1,380	1,544	1,393	1,597	1,198	1,489	1,285	1,792	950	-----	-----	-----
Price at wells (Okla.-Kansas).....\$ per bbl.	2.92	2.93	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.98	2.98	2.98	2.98	2.98	-----	-----
Runs to stills.....mil. bbl.	3,300.8	3,447.2	285.3	271.7	290.1	285.6	299.8	297.9	290.1	295.4	280.9	298.3	293.8	-----	-----	-----
Refinery operating ratio.....% of capacity..	87	91	88	87	90	92	93	92	93	91	90	92	90	-----	-----	-----
All oils, supply, demand, and stocks: ‡																
New supply, total.....mil. bbl.	4,190.9	4,446.8	389.5	362.1	373.7	365.7	371.9	377.4	358.2	373.5	366.5	383.3	405.4	-----	-----	-----
Production:																
Crude petroleum.....do.....	2,848.5	3,039.0	258.1	249.2	259.8	251.5	256.3	257.0	248.8	259.3	252.8	263.8	265.6	-----	-----	-----
Natural-gas liquids, benzol, etc.....do.....	441.6	468.7	39.5	38.8	39.4	37.9	38.9	39.3	38.0	40.4	40.0	41.6	43.5	-----	-----	-----
Imports:																
Crude petroleum.....do.....	452.0	447.1	38.8	36.5	37.3	39.0	39.1	41.5	36.0	36.0	34.4	32.0	41.1	-----	-----	-----
Refined products.....do.....	448.7	492.0	53.1	37.6	37.2	37.4	37.6	39.7	35.4	37.7	39.2	45.9	55.2	-----	-----	-----
Change in stocks, all oils (decrease, -).....do.....	-2.9	49.4	9.4	11.0	30.2	9.5	30.3	14.6	13.7	12.9	-10.7	-31.7	1.4	-----	-----	-----
Demand, total.....do.....	4,193.7	4,397.5	380.1	351.1	343.6	356.3	341.6	362.8	344.4	360.6	377.2	415.0	403.9	-----	-----	-----
Exports:																
Crude petroleum.....do.....	1.1	1.5	.1	.3	(4)	.1	.2	.2	.1	.1	.1	.1	(4)	-----	-----	-----
Refined products.....do.....	67.2	70.9	6.2	5.8	5.5	6.1	6.1	5.9	6.9	6.0	5.7	6.0	5.7	-----	-----	-----
Domestic demand, total ?.....do.....	4,125.5	4,325.1	373.8	344.9	338.1	350.1	335.3	356.8	337.4	354.5	371.4	408.9	398.2	-----	-----	-----
Gasoline.....do.....	1,720.2	1,793.5	145.4	147.3	153.7	165.4	159.6	164.5	149.9	150.9	148.0	150.3	137.3	-----	-----	-----
Kerosene.....do.....	397.6	101.2	8.7	6.1	5.9	4.9	4.6	5.9	7.5	7.9	10.7	13.0	13.6	-----	-----	-----
Distillate fuel oil.....do.....	775.8	797.2	76.5	63.3	53.2	48.5	43.3	51.3	50.4	58.6	74.7	92.9	92.5	-----	-----	-----
Residual fuel oil.....do.....	587.0	626.4	65.9	49.1	43.2	44.4	43.0	45.1	42.1	47.3	53.0	62.9	70.5	-----	-----	-----
Jet fuel.....do.....	219.6	244.4	19.9	21.5	20.3	20.7	17.7	19.5	21.1	22.9	21.5	23.0	21.2	-----	-----	-----
Lubricants.....do.....	47.1	48.9	4.6	4.4	4.4	4.2	4.1	4.3	4.0	4.3	3.0	4.0	3.8	-----	-----	-----
Asphalt.....do.....	127.6	134.1	6.1	8.1	12.1	17.2	17.5	19.6	16.5	15.8	9.2	4.8	4.7	-----	-----	-----
Liquefied gases.....do.....	307.1	323.9	27.2	24.0	22.9	21.6	21.7	23.5	24.1	27.1	31.2	35.3	35.5	-----	-----	-----
Stocks, end of period, total.....do.....	836.3	885.7	806.0	817.0	847.2	856.6	886.9	901.5	915.3	928.2	917.4	885.7	887.1	-----	-----	-----
Crude petroleum.....do.....	220.3	249.6	236.3	249.3	255.6	259.7	254.4	254.1	248.1	247.3	252.9	249.6	261.9	-----	-----	-----
Natural-gas liquids.....do.....	35.9	40.4	26.4	30.6	36.4	41.4	46.3	50.6	52.4	52.2	47.9	40.4	35.6	-----	-----	-----
Refined products.....do.....	580.2	595.7	543.4	537.1	555.2	555.5	586.2	596.8	614.8	628.7	616.6	595.7	589.6	-----	-----	-----
Refined petroleum products: ‡																
Gasoline (incl. aviation):																
Production.....do.....	1,704.4	1,792.6	146.3	140.1	147.7	146.8	156.0	157.2	151.3	155.5	149.3	156.1	154.3	-----	-----	-----
Exports.....do.....	4.8	3.6	.2	.2	.1	.4	.4	.4	.4	.3	.4	.2	.3	-----	-----	-----
Stocks, end of period.....do.....	183.1	194.2	214.2	207.9	203.6	185.9	183.3	177.0	179.7	185.2	187.2	194.2	212.4	-----	-----	-----
Prices (excl. aviation):																
Wholesale, ref. (Okla., group 3).....\$ per gal..	.113	.114	.105	.113	.113	.118	.118	.118	.118	.115	.115	.113	.113	.115	-----	-----
Retail (regular grade, excl. taxes), 55 cities (1st of following mo.).....\$ per gal..	.208	.216	.211	.212	.218	.218	.218	.221	.219	.219	.220	.221	.220	.227	.227	.225

* Revised. † Preliminary. ‡ See note "C" for p. S-21. § Reported total monthly revisions not available. ¶ Beginning Jan. 1965, gasoline excludes special naphthas; aviation gasoline represents finished grades only (alkylate excluded); commercial jet fuel (formerly included with kerosene) is included with jet fuel. || Less than 50,000 bbls. || Beginning Jan. 1965, data include demand for liquid refinery gases formerly shown under petrochemical feedstocks; comparable 1964 total, 295.1 mil. bbls. || Includes data not shown separately. || Includes nonmarketable catalyst coke. || Revisions for Jan.-Oct. 1964 will be shown later.

FOOTNOTES FOR ELECTRICAL EQUIPMENT, P. S-34.

¶ Data reflect adjustment to the 1963 Census of Manufactures; revisions back to 1963 are available.

○ Radio production comprises table, portable battery, auto, and clock models; television sets cover monochrome and color units.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.

PETROLEUM, COAL, AND PRODUCTS—Continued

PETROLEUM AND PRODUCTS—Continued																
Refined petroleum products—Continued																
Aviation gasoline:																
Production.....mil. bbl.	148.6	41.2	3.3	3.0	3.3	3.2	3.5	3.6	3.5	3.6	3.5	3.7	3.3			
Exports.....do.	14.2	3.2	.2	.2	.1	.4	.4	.4	.4	.3	.4	.2	.3			
Stocks, end of period.....do.	18.3	7.8	9.2	9.0	8.1	7.2	7.0	7.2	7.3	7.4	7.1	7.8	8.2			
Kerosene:																
Production.....do.	194.5	102.1	9.5	7.0	7.4	7.2	8.1	9.0	7.7	7.8	8.2	10.1	10.1			
Stocks, end of period.....do.	24.1	25.0	18.7	19.6	21.3	23.5	27.1	30.3	30.4	30.4	27.9	25.0	21.5			
Price, wholesale, bulk lots (N.Y. Harbor) \$ per gal.	.098	.104	.103	.102	.102	.102	.102	.102	.105	.105	.105	.107	.107	.109		
Distillate fuel oil:																
Production.....mil. bbl.	765.4	785.8	64.7	60.4	63.8	62.1	67.3	69.2	65.9	66.6	63.2	69.9	68.6			
Imports.....do.	13.0	13.8	.8	1.4	1.2	1.8	1.1	1.0	1.1	1.4	.9	1.6	1.1			
Exports.....do.	3.8	4.5	.3	.3	.3	.3	.3	.3	.4	.2	.3	.4	.1			
Stocks, end of period.....do.	155.4	154.1	92.8	91.0	102.5	117.7	142.5	161.1	177.4	186.6	175.8	154.1	131.3			
Price, wholesale (N.Y. Harbor, No. 2 fuel) \$ per gal.	.090	.094	.095	.092	.092	.092	.092	.092	.095	.095	.095	.097	.097	.099		
Residual fuel oil:																
Production.....mil. bbl.	268.6	264.0	23.8	20.5	20.5	19.6	21.6	20.9	20.4	21.2	21.7	25.3	25.4			
Imports.....do.	345.2	376.8	42.8	28.6	26.7	27.8	27.1	27.4	25.0	28.9	31.2	36.1	44.3			
Exports.....do.	14.9	12.9	1.9	.8	1.1	1.1	.9	.9	1.4	.8	.7	1.1	1.6			
Stocks, end of period.....do.	56.2	61.2	46.8	46.2	49.5	51.7	56.9	59.6	61.6	64.0	63.5	61.2	59.1			
Price, wholesale (Okla., No. 6).....\$ per bbl.	1.83	1.62	1.60	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.65	1.65	1.65	1.50		
Jet fuel (military grade only):																
Production.....mil. bbl.	191.2	215.5	17.9	17.6	18.5	18.6	17.8	16.3	17.7	19.5	19.6	19.6	19.4			
Stocks, end of period.....do.	18.7	19.4	20.1	18.7	19.6	19.8	23.0	23.7	22.6	21.1	20.8	19.4	19.4			
Lubricants:																
Production.....do.	62.9	65.4	5.4	5.3	5.6	5.1	5.8	5.8	5.4	5.8	5.2	5.2	5.5			
Exports.....do.	16.6	17.1	1.3	1.4	1.2	1.5	1.7	1.3	1.7	1.7	1.5	1.5	1.2			
Stocks, end of period.....do.	13.3	12.7	13.6	13.1	13.1	12.5	12.5	12.6	12.4	12.2	13.0	12.7	13.1			
Price, wholesale, bright stock (midcontinent, f.o.b., Tulsa).....\$ per gal.	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270		
Asphalt:																
Production.....mil. bbl.	123.6	129.6	8.0	10.3	11.4	13.8	14.1	14.8	14.2	12.9	10.0	7.5	6.9			
Stocks, end of period.....do.	16.2	17.3	24.5	26.8	26.5	23.6	20.9	16.9	15.3	13.3	14.4	17.3	20.4			
Liquefied petroleum gases:																
Production.....do.	56.1	60.1	5.3	4.9	5.3	4.9	5.1	5.0	4.6	4.8	4.8	5.1	5.5			
Transfer from gasoline plants.....do.	200.2	215.1	17.9	14.9	13.8	13.3	13.2	14.3	15.8	18.8	22.2	25.8	25.4			
Stocks (at plants, terminals, underground, and at refineries), end of period.....mil. bbl.	32.0	37.7	21.1	25.4	32.1	37.4	43.1	47.7	49.8	49.6	45.2	37.7	32.5			
Asphalt and tar products, shipments:																
Asphalt roofing, total.....thous. squares.	72,338	69,363	4,724	5,448	6,100	8,127	6,540	7,161	7,194	6,783	5,142	3,555	3,422	3,680	5,311	
Roll roofing and cap sheet.....do.	28,293	28,917	1,996	2,028	2,263	3,050	2,582	3,033	3,107	3,099	2,441	1,773	1,652	1,506	2,225	
Shingles, all types.....do.	44,044	40,446	2,728	3,420	3,833	5,077	3,958	4,128	4,087	3,684	2,702	1,782	1,770	2,174	3,086	
Asphalt siding.....do.																
Insulated siding.....do.	590	496	31	38	46	54	52	59	60	55	41	22	16	20	25	
Saturated felts.....thous. sh. tons.	980	880	68	73	75	99	77	80	77	76	66	53	61	58	84	

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts.....thous. cords (128 cu. ft.)	53,736	58,881	4,843	4,512	4,569	4,957	4,772	5,020	4,730	4,827	4,497	4,716	4,759	4,526	5,105	
Consumption.....do.	52,828	55,382	4,651	4,642	4,794	4,664	4,564	4,792	4,418	4,978	4,646	4,366	4,844	4,454	4,801	
Stocks, end of period.....do.	6,410	6,059	5,428	5,260	5,001	5,313	5,453	5,639	5,908	5,829	5,703	6,059	5,835	6,020	6,286	
Waste paper:																
Consumption.....thous. sh. tons.	10,297	10,159	920	871	899	894	746	893	837	877	814	752	808	770	817	
Stocks, end of period.....do.	620	682	466	486	488	511	562	576	596	622	648	682	650	615	633	
WOODPULP																
Production:																
Total, all grades.....thous. sh. tons.	33,921	35,736	3,052	2,964	3,102	3,017	2,904	3,130	2,820	3,133	3,047	2,801	3,076	2,897	3,129	
Dissolving and special alpha.....do.	1,482	1,557	140	132	134	140	115	134	118	131	132	116	134	110	139	
Sulfate.....do.	21,473	22,353	1,908	1,854	1,945	1,898	1,847	1,980	1,752	1,970	1,923	1,753	1,944	1,849	1,981	
Sulfite.....do.	2,692	2,804	242	239	256	236	220	243	228	245	243	209	230	221	238	
Groundwood.....do.	3,532	3,962	342	331	338	322	318	341	319	353	334	322	348	322	345	
Debluffed or exploded.....do.	1,647	1,530	131	133	133	134	131	132	131	136	113	119	132	124	132	
Soda, semichem., screenings, etc.....do.	3,094	3,421	289	275	297	286	273	300	273	299	300	281	288	271	294	
Stocks, end of period:																
Total, all mills.....do.	759	729	680	683	700	716	746	775	743	773	760	729	751	778	803	
Pulp mills.....do.	241	258	242	243	250	233	249	266	252	296	292	258	289	323	322	
Paper and board mills.....do.	436	387	355	361	369	393	408	418	398	386	382	387	379	379	406	
Nonpaper mills.....do.	82	84	82	79	81	91	89	91	92	91	86	84	83	76	76	
Exports, all grades, total.....do.																
Dissolving and special alpha.....do.	535	563	56	46	47	54	24	42	49	42	47	42	39	38	83	
All other.....do.	897	1,009	70	108	93	78	97	81	97	67	88	90	64	75	89	
Imports, all grades, total.....do.																
Dissolving and special alpha.....do.	127	3,355	303	254	287	300	279	320	258	290	282	293	287	261	297	
All other.....do.	280	293	27	20	24	28	26	29	22	17	21	35	20	19	25	
	2,847	3,065	276	234	263	272	254	290	236	274	261	258	267	242	273	
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, unadjusted.....thous. sh. tons.	44,049	46,558	4,045	3,938	4,034	3,996	3,677	4,027	3,780	4,090	3,859	3,612	3,914	3,684	4,005	
Paper.....do.	19,113	23,228	1,756	1,697	1,718	1,699	1,586	1,727	1,658	1,783	1,692	1,626	1,774	1,654	1,783	
Paperboard.....do.	20,866	22,448	1,935	1,879	1,964	1,946	1,769	1,966	1,803	1,902	1,881	1,742	1,868	1,753	1,893	
Wet-machine board.....do.	145	138	12	12	12	12	9	12	12	12	11	12	12	11	12	
Construction paper and board.....do.	3,925	3,709	341	349	339	339	313	323	307	304	275	232	260	266	316	

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
PULP, PAPER, AND PAPER PRODUCTS—Continued																
PAPER AND PAPER PRODUCTS—Con.																
Paper and board—Continued																
New orders (American Paper Institute):\$																
All grades, paper and board.....thous. sh. tons..	44,296	46,886	4,228	3,998	4,042	4,025	3,703	4,036	3,791	4,077	3,742	3,582	3,988	3,611		
Wholesale price indexes:																
Printing paper.....1957-59=100..	101.4	101.7	101.4	101.4	101.4	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9		
Book paper, A grade.....do.....	110.6	115.1	113.5	113.5	114.6	115.6	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7		
Paperboard.....do.....	96.4	97.1	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3		
Building paper and board.....do.....	93.0	92.8	92.7	92.6	92.6	92.6	92.9	93.0	92.7	93.0	93.1	92.7	92.4	92.4		
Selected types of paper (APD):\$																
Fine paper:																
Orders, new.....thous. sh. tons..	2,429	2,637	242	233	231	230	211	233	204	223	208	202	230	208		
Orders, unfilled, end of period.....do.....	150	159	168	172	177	189	186	185	168	169	160	159	164	153		
Production.....do.....	2,410	2,641	226	228	222	227	201	226	216	235	224	214	239	216		
Shipments.....do.....	2,413	2,623	231	228	222	227	208	228	210	227	223	205	231	216		
Printing paper:																
Orders, new.....do.....	6,198	6,711	623	551	579	580	546	555	563	562	515	556	565	489		
Orders, unfilled, end of period.....do.....	510	553	620	598	614	626	656	621	610	583	543	553	556	492		
Production.....do.....	5,993	6,511	562	534	557	556	513	561	547	571	543	539	558	513		
Shipments.....do.....	5,993	6,514	562	534	557	556	513	561	547	571	543	542	543	513		
Coarse paper:																
Orders, new.....do.....	4,590	4,723	447	417	387	390	369	398	374	392	392	382	390	372		
Orders, unfilled, end of period.....do.....	210	200	250	256	245	240	215	234	227	214	205	200	211	213		
Production.....do.....	4,591	4,696	429	394	405	397	365	399	389	399	392	372	397	372		
Shipments.....do.....	4,564	4,704	420	399	398	396	370	397	388	395	394	381	395	366		
Newsprint:																
Canada:																
Production.....do.....	7,720	8,419	738	702	735	698	703	730	677	726	714	667	698	659	695	670
Shipments from mills.....do.....	7,747	8,385	688	732	777	687	666	709	703	717	738	740	612	602	653	692
Stocks at mills, end of period.....do.....	150	184	302	272	230	241	278	299	272	281	258	194	270	327	369	348
United States:																
Production.....do.....	2,180	2,410	203	192	205	205	194	211	192	211	214	201	227	212	225	223
Shipments from mills.....do.....	2,183	2,408	210	191	207	204	186	207	195	210	215	207	209	199	225	221
Stocks at mills, end of period.....do.....	19	21	20	20	17	18	26	30	27	28	28	21	39	51	51	54
Consumption by publishers ²do.....	6,387	6,898	586	576	628	573	522	547	582	641	626	593	542	511	585	609
Stocks at and in transit to publishers, end of period.....thous. sh. tons..	573	681	624	641	668	677	688	729	737	700	705	681	682	672	676	654
Imports.....do.....	6,323	6,991	633	570	607	632	494	587	624	605	601	577	563	500	549	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered.....\$ per sh. ton..	132.40	136.23	132.40	134.40	134.40	138.40	138.40	138.40	138.40	138.40	138.40	138.40	138.40	138.40		
Paperboard (American Paper Institute): ^Δ																
Orders, new (weekly avg.).....thous. sh. tons..	1,417	449	471	453	469	452	391	449	429	461	442	412	456	451	450	459
Orders, unfilled, end of period.....do.....	1,796	724	944	973	1,025	999	999	975	937	943	883	731	748	720	705	695
Production, total (weekly avg.).....do.....	410	445	450	450	466	457	410	450	435	463	463	423	404	455	453	452
Percent of activity (based on 6.5-day week).....do.....	90	92	95	94	97	94	84	92	90	95	94	84	91	92	91	90
Paper products:																
Shipping containers, corrugated and solid fiber, shipments [†]mil. sq. ft. surf. area..	148,471	160,152	14,091	13,182	13,471	13,672	12,371	14,036	14,227	14,353	13,798	12,982	12,298	12,098	12,747	
Folding paper boxes, shipments, index of physical volume.....1947-49=100..	128.2		140.2	129.5	133.5	144.5	125.8	145.4	143.5	140.5	130.1					

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. lg. tons..	514.71	549.70	50.90	45.93	46.42	47.06	37.40	46.40	47.56	48.60	46.15	42.00	45.25	42.68	47.45	
Stocks, end of period.....do.....	100.01	81.55	90.56	90.34	91.45	90.84	92.77	88.75	86.62	87.69	86.69	81.55	95.03	98.19	104.15	
Imports, incl. latex and guayule.....do.....	445.32	431.66	40.27	44.33	38.45	42.40	25.94	38.05	30.69	34.22	34.52	29.54	39.37	33.06		
Price, wholesale, smoked sheets (N.Y.)...\$ per lb..	.257	.236	.258	.244	.241	.236	.234	.230	.223	.219	.223	.220	.219	.208	.206	.208
Synthetic rubber:																
Production.....thous. lg. tons..	1,813.99	1,969.62	169.52	165.58	165.55	161.59	155.00	160.54	164.20	168.08	170.87	167.02	164.54	150.07	164.73	
Consumption.....do.....	1,540.87	1,671.91	150.23	141.02	137.93	140.29	113.63	137.96	143.88	153.05	144.09	141.07	146.33	133.78	145.03	
Stocks, end of period.....do.....	311.95	347.94	309.77	316.02	322.02	323.96	342.71	338.91	337.22	334.99	340.40	347.94	352.28	347.98	344.21	
Exports.....do.....	281.78	308.44	30.00	26.11	24.07	24.59	28.01	25.39	25.18	24.30	24.10	23.37	26.26	25.24		
Reclaimed rubber:																
Production.....do.....	280.29	276.86	27.19	23.20	23.96	24.55	18.58	22.94	21.74	23.94	21.85	22.64	22.21	20.73	23.32	
Consumption.....do.....	269.54	258.44	24.56	22.06	21.67	22.35	17.27	20.40	21.29	23.26	20.32	20.19	21.66	20.33	21.49	
Stocks, end of period.....do.....	30.16	31.53	30.07	29.99	30.79	32.18	32.41	32.41	30.72	30.62	30.36	31.53	31.00	30.86	31.63	
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production.....thous.....	167,854	177,169	16,275	15,317	14,885	14,473	12,187	13,959	14,800	15,869	15,000	14,483	15,058	14,147	15,070	
Shipments, total.....do.....	169,060	173,464	15,855	16,224	14,690	16,220	12,901	12,621	16,015	16,558	13,858	12,388	13,166	11,353	14,434	
Original equipment.....do.....	58,280	54,680	5,527	5,253	4,903	4,900	2,446	2,066	4,684	5,269	5,171	4,629	4,143	3,234	4,455	
Replacement equipment.....do.....	107,905	116,348	10,079	10,734	9,587	11,161	10,292	10,358	11,133	11,020	8,511	7,564	8,845	7,898	9,782	
Export.....do.....	2,875	2,436	249	237	200	159	163	197	199	269	176	196	178	222	198	
Stocks, end of period.....do.....	37,016	42,569	41,441	40,775	41,214	39,601	39,166	40,856	39,565	39,093	40,393	42,569	44,678	47,594	48,273	
Exports (Bu. of Census).....do.....	2,381	2,051	211	175	220	147	151	153	166	161	181	165	123	115		
Inner tubes, automotive:																
Production.....do.....	41,342	42,765	3,983	3,591	3,533	3,669	3,185	3,301	3,743	3,773	3,490	3,434	3,496	3,385	3,853	
Shipments.....do.....	41,936	44,222	4,480	3,724	3,336	3,770	3,402	3,399	3,739	3,834	3,228	3,219	4,630	3,312	3,798	
Stocks, end of period.....do.....	11,839	11,996	10,630	10,699	11,039	11,107	11,119	11,163	11,065	11,276	11,704	11,996	10,846	10,947	11,050	
Exports (Bu. of Census).....do.....	1,189	1,100	87	125	126	80	96	74	102	104	86	85	68	55		

[†] Revised. [‡] Preliminary. ¹ Beginning Jan. 1965, monthly data are 4-week averages for period ending Saturday nearest the end of the month. Annual data for new orders are 52-week averages; those for unfilled orders are as of Dec. 31. ² See note "O" for p. 8-21.

³ As reported by publishers accounting for about 75 percent of total newsprint consumption. [†] Revisions for Jan. 1964-Feb. 1965 will be shown later. ^Δ Formerly American Paper and Pulp Association. ^Δ Formerly National Paperboard Association.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.

STONE, CLAY, AND GLASS PRODUCTS

PORTLAND CEMENT																
Shipments, finished cement.....thous. bbl.	374,086	380,665	28,779	30,833	35,330	41,724	37,941	43,176	38,672	38,400	29,195	21,044	18,457	17,066		
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face).....mil. standard brick	8,089.1	7,606.2	747.7	745.6	753.8	812.3	709.3	746.9	636.7	615.9	544.0	408.8	410.6	369.5		
Structural tile, except facing.....thous. sh. tons	313.3	267.4	23.4	22.7	21.2	24.5	23.2	24.9	23.2	25.2	21.6	20.4	18.1	21.0		
Sewer pipe and fittings, vitrified.....do.	1,732.2	1,610.3	151.3	146.4	148.4	174.4	159.0	159.8	148.2	139.2	115.4	90.7	82.9	72.2		
Facing tile (hollow), glazed and unglazed.....mil. brick equivalent	326.9	308.1	26.3	28.3	26.2	29.2	27.1	28.7	26.3	25.2	23.7	22.2	22.0	15.6		
Floor and wall tile and accessories, glazed and unglazed.....mil. sq. ft.	283.4	272.7	25.9	24.6	24.2	26.1	21.8	23.7	22.3	20.8	20.3	18.9	18.9	19.1		
Price index, brick (common), f.o.b. plant or N.Y. dock.....1957-59=100	108.4	111.5	110.7	110.9	111.1	111.3	111.9	111.9	111.9	112.1	112.9	112.2	112.4	112.9		
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments.....thous. \$.	354,308	343,138	87,802			86,554			80,852			87,930				
Sheet (window) glass, shipments.....do.	140,559	136,785	33,541			34,401			34,088			34,755				
Plate and other flat glass, shipments.....do.	213,749	206,353	54,261			52,153			46,764			53,175				
Glass containers:																
Production.....thous. gross.	202,050	211,764	18,658	17,567	18,370	18,996	18,027	19,821	17,163	18,392	16,064	15,609	17,119	16,852	18,658	
Shipments, domestic, total.....do.	195,924	204,093	17,785	16,578	17,460	19,337	17,125	19,768	18,578	15,981	15,971	16,197	15,271	15,010	18,500	
General-use food:																
Narrow-neck food.....do.	21,548	21,605	2,035	1,717	1,713	1,653	1,578	2,533	2,767	1,760	1,478	1,403	1,448	1,651	2,061	
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars).....thous. gross.	53,742	51,941	4,356	3,851	4,142	4,568	3,957	4,963	4,936	4,433	4,378	4,025	4,329	4,079	4,424	
Beverage.....do.	20,283	27,098	2,034	2,266	2,561	3,350	3,236	2,579	2,287	1,533	2,016	2,677	1,852	1,918	2,774	
Beer bottles.....do.	36,134	38,895	3,302	3,304	3,549	4,197	4,190	3,893	3,050	2,759	2,787	3,234	2,692	2,631	3,889	
Liquor and wine.....do.	17,273	17,608	1,571	1,469	1,539	1,540	1,120	1,507	1,506	1,757	1,617	1,368	1,338	1,291	1,685	
Medicinal and toilet.....do.	38,797	39,992	3,864	3,366	3,359	3,427	2,575	3,646	3,669	3,227	3,153	2,958	3,093	2,865	3,069	
Chemical, household and industrial.....do.	6,882	5,813	531	502	516	510	393	544	546	426	448	424	442	497	505	
Dairy products.....do.	1,265	1,141	92	103	81	92	76	103	117	86	94	108	77	78	93	
Stocks, end of period.....do.	26,945	30,084	30,801	31,977	32,814	31,892	32,408	31,926	29,684	31,735	31,280	30,084	31,500	32,964	30,801	
GYPSUM AND PRODUCTS (QTRLY)																
Crude gypsum, total:																
Imports.....thous. sh. tons.	5,911	5,479	1,033			1,487			1,706			1,253				
Production.....do.	10,035	9,635	2,245			2,678			2,535			2,177				
Calcined, production, total.....do.	9,320	8,258	2,074			2,305			2,111			1,768				
Gypsum products sold or used, total:																
Uncalcined uses.....do.	4,580	4,627	786			1,430			1,339			1,072				
Industrial uses.....do.	319	322	81			82			80			80				
Building uses:																
Plasters:																
Base-coat.....do.	828	678	165			191			185			136				
All other (incl. Keene's cement).....do.	976	904	202			238			252			206				
Lath.....mil. sq. ft.	1,368	1,089	264			316			294			215				
Wallboard.....do.	8,083	6,930	1,623			1,996			1,828			1,483				
All other.....do.	271	228	54			76			55			43				

TEXTILE PRODUCTS

WOVEN FABRICS																
Woven fabrics (gray goods), weaving mills: †																
Cloth woven, total ♀.....mil. linear yd.	13,037	12,689	1,265	1,008	1,019	1,237	824	1,010	1,210	1,001	1,001	1,081	940	963		
Cotton.....do.	9,262	8,866	864	700	701	856	557	712	854	705	722	778	667	673		
Manmade fiber.....do.	3,517	3,571	373	285	294	353	249	279	335	280	265	285	254	271		
Stocks, total, end of period ♀ ♂																
Cotton.....do.	1,139	1,306	1,068	1,053	1,045	1,084	1,175	1,194	1,180	1,219	1,257	1,306	1,333	1,316		
Manmade fiber.....do.	676	766	627	614	607	620	656	703	673	702	730	766	785	786		
Orders, unfilled, total, end of period ♀ ¶	4,140	3,222	4,649	4,662	4,714	4,453	4,500	4,135	3,883	3,727	3,382	3,222	3,209	3,055		
Cotton.....do.	3,023	2,408	3,439	3,473	3,504	3,305	3,302	3,124	2,952	2,839	2,533	2,408	2,423	2,251		
Manmade fiber.....do.	999	746	1,085	1,080	1,099	1,046	1,105	925	855	821	783	746	718	733		
COTTON																
Cotton (exclusive of linters):																
Production:																
Ginnings.....thous. running bales.	14,916	9,557	14,916				10	396	1,341	5,008	8,755	9,204	9,526		9,557	
Crop estimate, equivalent 500-lb. bales																
Consumption.....thous. bales.	14,956	9,569														
Stocks in the United States, total, end of period																
Domestic cotton, total.....thous. bales.	23,785	20,438	20,644	19,542	18,629	17,467	16,862	26,902	25,202	23,615	21,904	20,438	19,070	17,747	16,565	
On farms and in transit.....do.	23,680	20,359	20,554	19,460	18,553	17,396	16,801	26,803	25,109	23,535	21,822	20,359	18,991	17,669	16,496	
Public storage and compresses.....do.	2,533	1,294	362	354	377	147	188	11,318	9,993	6,545	2,255	1,294	1,099	853	730	
Consuming establishments.....do.	19,619	17,639	18,381	17,360	16,524	15,761	15,274	14,177	14,012	15,873	18,229	17,639	16,262	14,942	13,779	
Foreign cotton, total.....do.	1,528	1,426	1,811	1,746	1,652	1,488	1,339	1,308	1,104	1,117	1,338	1,426	1,630	1,874	1,987	
	105	79	90	82	76	71	62	99	93	80	82	79	79	78	69	

† Revised. † Beginning Jan. 1965, excludes finished cement used in the manufacture of prepared masonry cement (2,734 thous. bbls. in 1964); annual totals include revisions not distributed to the months. ‡ Data cover 5 weeks; other months, 4 weeks. § Ginnings to Dec. 13. ¶ Ginnings to Jan. 15. †† Crop for the year 1966. ‡‡ Includes revisions not distributed to the quarters. ††† Data shown here are not strictly comparable with those for earlier periods for the following reasons: Beginning Jan. 1964, fabric classifications were revised and manmade fiber drapery fabrics were added; beginning Jan. 1966, data reflect further changes in reporting classifications, principally cotton blends.

§ Includes data not shown separately.

♂ Stocks (owned by weaving mills and billed and held for others) exclude bedsheeting, toweling, and blanketing, and billed and held stocks of denims. Effective Aug. 1965, stocks cover additional manmade fiber fabrics not previously included.

¶ Unfilled orders cover wool apparel (including polyester-wool) finished fabrics; production and stocks exclude figures for such finished fabrics. Orders also exclude bedsheeting, toweling, and blanketing. ††† Total ginnings to end of month indicated, except as noted.

Unless otherwise stated, statistics through 1964 and descriptive notes are shown in the 1965 edition of BUSINESS STATISTICS	1965	1966	1966										1967			
	Annual		Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.

TEXTILE PRODUCTS—Continued

COTTON—Continued																
Cotton (exclusive of linters)—Continued																
Exports.....thous. bales.....	3,795	3,597	236	177	214	176	142	341	348	306	518	607	458	458	401	-----
Imports.....do.....	99	100	6	6	1	4	2	39	7	11	3	(1)	7	5	5	-----
Prices (farm), American upland.....cents per lb.....	28.0	-----	27.6	28.2	28.4	29.3	29.7	* 21.2	21.2	22.4	21.9	22.0	19.8	20.7	20.5	20.4
Prices, middling 1", avg. 15 markets.....do.....	29.6	-----	29.5	29.5	29.6	29.6	29.6	* 22.0	21.9	21.8	21.8	21.9	22.0	22.0	22.1	22.2
Cotton linters:																
Consumption.....thous. bales.....	1,406	1,366	* 143	123	120	* 138	91	104	* 123	105	93	* 93	91	89	* 105	-----
Production.....do.....	1,635	1,419	168	113	87	58	37	42	63	153	168	158	152	* 111	114	-----
Stocks, end of period.....do.....	734	725	* 834	848	804	711	641	584	527	567	636	725	778	* 810	826	-----
COTTON MANUFACTURES																
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....mil.....	18.9	19.5	19.2	19.2	19.3	19.3	19.3	19.5	19.6	19.5	19.5	19.5	19.8	19.8	19.8	-----
Consuming 100 percent cotton.....do.....	14.7	15.1	14.7	14.7	14.7	14.8	14.8	15.1	15.1	15.1	15.1	15.1	15.3	15.3	15.3	-----
Spindle hours operated, all fibers, total.....bil.....	128.0	132.1	* 13.0	10.5	10.7	* 12.9	8.6	10.6	* 12.9	10.5	10.2	* 11.3	10.1	10.0	* 11.9	-----
Average per working day.....do.....	.493	.509	.518	.525	.536	.515	.430	.530	.514	.527	.508	.453	.503	.499	.477	-----
Consuming 100 percent cotton.....do.....	102.9	102.4	* 10.0	8.0	8.2	* 9.9	6.6	8.2	* 10.1	8.3	7.9	* 8.8	7.8	7.8	* 9.3	-----
Cotton yarn, natural stock, on cones or tubes:																
Prices, f.o.b. mill:																
20/2, carded, weavings.....\$ per lb.....	.629	-----	.652	.657	.667	.667	.667	-----	.662	.960	.953	.953	.951	.945	-----	-----
36/2, combed, knitting.....do.....	.891	.949	.938	.939	.946	.954	.959	.962	-----	.960	.953	-----	.951	.945	-----	-----
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.).....mil. lin. yd.....	9,238	8,846	2,295	-----	-----	2,287	-----	-----	* 2,083	-----	-----	2,181	-----	-----	-----	-----
Orders, unfilled, end of period, as compared with avg. weekly production.....No. weeks' prod.....	20.3	18.4	21.8	22.6	22.6	21.7	28.7	20.2	19.8	18.6	17.6	18.4	16.1	14.9	14.5	-----
Inventories, end of period, as compared with avg. weekly production.....No. weeks' prod.....	4.5	4.5	3.7	3.8	3.8	3.8	5.0	3.8	3.8	3.9	4.1	4.5	4.3	4.2	4.4	-----
Ratio of stocks to unfilled orders (at cotton mills) end of period, seasonally adjusted.....	.23	.25	.18	.17	.17	.17	.17	.18	.18	.21	.23	.25	.26	.29	.32	-----
Mill margins.....cents per lb.....	* 37.51	* 39.39	38.58	38.71	38.72	38.72	38.75	40.40	40.60	40.67	40.41	39.54	39.12	38.88	38.61	38.13
Prices, wholesale:																
Denim, mill finished.....cents per yd.....	34.9	35.8	34.9	35.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	-----	-----	-----	-----
Print cloth, 39 inch, 68 x 72.....do.....	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.3	18.3	-----	-----	-----	-----
Sheeting, class B, 40-inch, 48 x 44-48.....do.....	17.5	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.3	18.3	18.3	-----	18.4	-----	-----
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly. total.....mil. lb.....	3,532.2	3,860.0	938.0	-----	-----	985.3	-----	-----	980.4	-----	-----	942.8	-----	-----	-----	-----
Filament yarn (rayon and acetate).....do.....	825.0	799.8	201.7	-----	-----	198.8	-----	-----	201.7	-----	-----	197.6	* 65.3	* 57.1	* 58.9	-----
Staple, incl. tow (rayon).....do.....	648.0	659.2	167.0	-----	-----	172.8	-----	-----	168.5	-----	-----	150.9	* 57.1	* 49.8	* 48.4	-----
Noncellulosic, except textile glass:																
Yarn and monofilaments.....do.....	997.7	1,164.7	270.7	-----	-----	289.6	-----	-----	302.6	-----	-----	298.3	-----	-----	-----	-----
Staple, incl. tow*.....do.....	779.2	904.0	220.8	-----	-----	250.0	-----	-----	222.4	-----	-----	210.8	-----	-----	-----	-----
Textile glass fiber.....do.....	282.3	332.3	77.8	-----	-----	84.1	-----	-----	85.2	-----	-----	85.2	-----	-----	-----	-----
Exports:																
Yarns and monofilaments.....thous. lb.....	* 99,923	98,722	10,029	8,509	9,209	8,262	7,290	7,056	7,484	7,889	7,533	8,609	8,069	8,101	7,453	-----
Staple, tow, and tops.....do.....	* 50,763	55,522	6,181	4,902	5,506	5,104	4,394	4,025	5,165	5,779	4,162	7,608	6,514	7,094	6,314	-----
Imports:																
Yarns and monofilaments.....do.....	15,690	16,571	1,094	1,132	1,752	1,795	1,198	1,843	1,416	923	1,600	1,587	2,237	3,357	1,908	-----
Staple, tow, and tops.....do.....	130,108	177,570	16,247	21,488	13,654	13,825	14,308	17,303	12,411	13,349	11,910	14,246	9,563	13,600	14,488	-----
Stocks, producers', end of period:																
Filament yarn (rayon and acetate).....mil. lb.....	59.8	67.3	60.1	58.8	57.6	55.0	63.7	66.5	66.8	65.6	64.4	67.3	70.2	* 68.6	63.3	-----
Staple, incl. tow (rayon).....do.....	55.8	70.1	53.9	53.5	53.5	54.7	65.9	70.9	74.5	70.7	64.4	70.1	74.6	* 80.1	82.8	-----
Noncellulosic fiber, except textile glass:																
Yarn and monofilaments*.....do.....	109.3	149.6	112.9	-----	-----	117.3	-----	-----	136.5	-----	-----	149.6	-----	-----	-----	-----
Staple, incl. tow*.....do.....	96.7	129.8	89.9	-----	-----	109.7	-----	-----	136.3	-----	-----	129.8	-----	-----	-----	-----
Textile glass fiber.....do.....	32.2	42.5	25.9	-----	-----	23.3	-----	-----	29.3	-----	-----	42.5	-----	-----	-----	-----
Prices, manmade fibers, f.o.b. producing plant:																
Staple: Rayon (viscose), 1.5 denier.....\$ per lb.....	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	-----
Polyester, 1.5 denier*.....do.....	.85	.80	.84	.84	.84	.84	.84	.84	.75	.72	.72	.72	.72	.72	.72	-----
Yarn: Rayon (viscose), 150 denier.....do.....	.80	.80	.80	.80	.80	.80	.80	.80	.81	.81	.81	.81	.81	.81	.81	-----
Manmade fiber and silk broadwoven fabrics:																
Production (qtrly.), total.....mil. lin. yd.....	3,926.2	4,200.7	1,105.3	-----	-----	1,091.4	-----	-----	* 998.0	-----	-----	1,006.0	-----	-----	-----	-----
Filament yarn (100%) fabrics.....do.....	1,640.6	1,575.5	419.2	-----	-----	405.8	-----	-----	* 382.2	-----	-----	368.3	-----	-----	-----	-----
Chiefly rayon and/or acetate fabrics.....do.....	855.8	733.8	198.6	-----	-----	187.1	-----	-----	178.2	-----	-----	169.9	-----	-----	-----	-----
Chiefly nylon fabrics.....do.....	303.9	334.7	84.1	-----	-----	83.2	-----	-----	* 86.8	-----	-----	80.6	-----	-----	-----	-----
Spun yarn (100%) fabrics (except blanketing).....mil. lin. yd.....	1,534.6	1,909.1	499.5	-----	-----	497.8	-----	-----	* 444.0	-----	-----	467.8	-----	-----	-----	-----
Rayon and/or acetate fabrics and blends.....do.....	643.3	627.2	162.7	-----	-----	164.0	-----	-----	* 145.8	-----	-----	154.7	-----	-----	-----	-----
Polyester blends with cotton.....do.....	713.5	1,049.2	280.7	-----	-----	274.0	-----	-----	239.5	-----	-----	255.0	-----	-----	-----	-----
Combinations of filament and spun yarn fabrics.....mil. lin. yd.....	519.4	481.2	126.0	-----	-----	127.8	-----	-----	* 114.6	-----	-----	112.8	-----	-----	-----	-----
Exports, piece goods.....thous. sq. yd.....	* 167,083	173,701	16,413	14,600	13,958	14,222	12,745	12,821	14,061	15,227	15,062	17,971	-----	-----	-----	-----
WOOL																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb.....	274.7	266.6	* 29.3	23.4	23.0	* 28.1	18.9	22.1	* 22.6	17.7	16.1	* 18.9	18.5	* 18.4	* 22.0	-----
Carpet class.....do.....	112.3	103.6	* 11.3	8.5	8.5	* 9.6	5.8	8.3	* 9.5	8.6	7.7	* 7.8	7.1	* 6.1	* 6.8	-----
Wool imports, clean yield*.....do.....	271.6	277.2	33.0	26.9	23.1	25.7	21.4	26.4	18.7	14.7	15.9	19.3	16.5	13.1	17.6	-----
Duty-free (carpet class)*.....do.....	108.9	114.6	10.8	9.5	8.3	11.4	12.5	16.1	9.3	5.0	7.0	8.6	7.0	4.2	5.7	-----
Wool prices, raw, clean basis, Boston:																
Good French combing and staple:																
Graded fleece, fine.....\$ per lb.....	1.249	1.349	1.325	1.350	1.375	1.375	1.395	1.395	1.390	1.360	1.325	1.325	1.288	1.225	1.213	1.175
Graded fleece, 3/4 blood.....do.....	1.192	1.171	1.225	1.225	1.225	1.183	1.175	1.165	1.120	1.098	1.097	1.075	1.050	.975	.945	.918
Australian, 64s, 70s, good topmaking.....do.....	1.156	1.259	1.235	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.225	1.188	1.175	1.175	1.125
WOOL MANUFACTURES																
Knitting yarn, worsted, 2/20s-50s/56s, American system, wholesale price.....1957-59=100.....	107.8	108.2	110.2	110.2	109.1	109.7	109.7	109.1	108.0	106.5	103.4	102.8	100.7	100.1	-----	-----
Woolen and worsted woven goods, exc. felts:																
Production (qtrly.).....mil. lin. yd.....	267.3	265.2	74.5	-----	-----	74.2	-----	-----	* 61.8	-----	-----	54.7	-----	-----	-----	-----
Suiting, price (wholesale), flannel, men's and boys', f.o.b. mill.....1957-59=100.....	100.2	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	103.2	102.7	102.7	-----	-----

* Revised. † Season average. ‡ For 5 weeks, other months, 4 weeks. § Margins
thru July 1966 reflect equalization payments to domestic users (Aug. 1965-July 1966, 5.75
cents per pound). ¶ Less than 500 bales. †† For month shown. ‡‡ See "C," p. S-21.
* Reflects decrease in the 1966 national average loan rate.
§ Data beginning Aug. 1965 for knitting yarn, May 1966 for weaving yarn, and Aug. 1966
for denim are not strictly comparable with earlier prices.

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