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By the Office of Business Economics

The Business Situation

JULY was another month of rising business activity, after allowance for seasonal influences. Important measures such as personal income, industrial production, retail sales and nonfarm employment were higher than in June. The July increases put all of these indicators above their respective second quarter averages, starting the 14th quarter of expansion in the present cyclical advance.

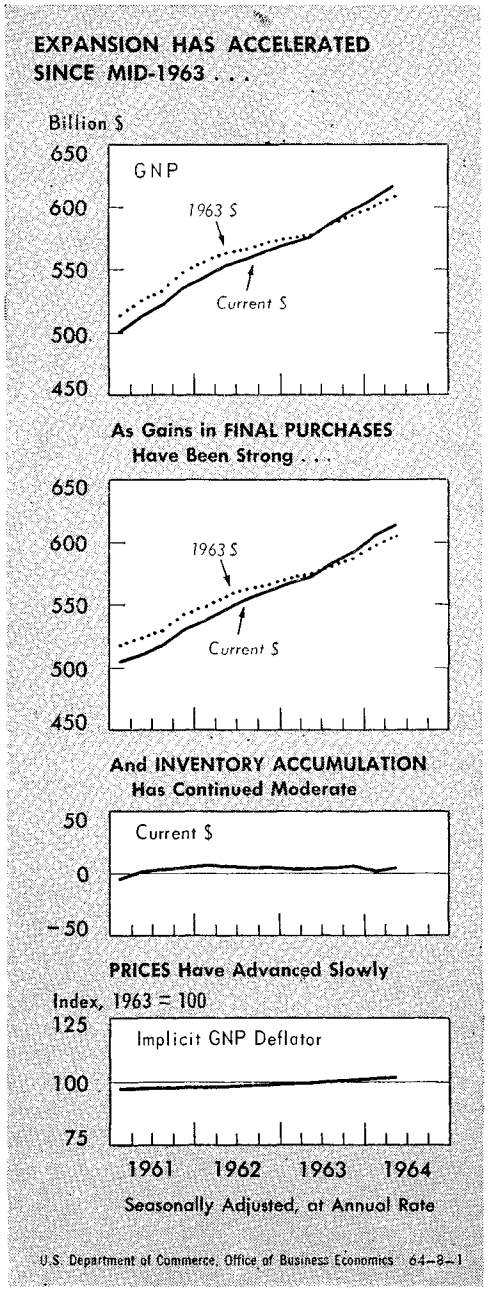
The latest developments follow a second quarter increase in GNP of $10 billion, the fourth large quarterly rise in a row. Heightened demand in most final markets contributed to the advance, but the expansion in consumer expenditures was predominant. A more detailed review accompanying the regular second quarter income and product statistics is presented in later pages of this issue.

Retail sales higher

Increased consumer buying, under the influence of rising disposable income, was the major stimulus to the increased economic activity in the first half of this year. This summer retail sales are continuing to show strength. The preliminary report on retail trade for July put sales at a new peak, about 1 percent (seasonally adjusted) above the revised June rate and above the previous high reached in May.

Sales were up in both durable goods and nondurable goods stores from June to July. For durables the July rate was about 1 percent above the second quarter average, and for nondurables, about 2 percent.

The durable goods rise over the month was rather sharp, and reflected some recovery in automotive sales, which had fallen the month before because of the trucking strike that held back deliveries from East Coast plants to retail dealers. Since the strike was not settled until the end of the third week in July the month's performance looked comparatively good, gaged by unit sales of new domestic cars. The seasonally adjusted annual rate of sales was in excess of 7½ million vehicles, well above the June rate and not far from the 7¾ million average rate for the first 5 months of 1964. Although retail stocks are high, the favorable selling pace in the most recent weeks suggests that the cleanup of 1964 models is proceeding in an orderly fashion.



Personal income and employment advance

Personal income rose about $1½ billion at a seasonally adjusted annual rate to reach a total of $491 billion in July. Somewhat more than $1 billion of the rise reflected increased wage and salary payments, about evenly divided among the major industry groupings.

The rise in payrolls during the month was primarily the result of increased employment. The nonfarm establishment total was up about 140,000, after seasonal adjustment; except for government employment, which dipped slightly, increases were quite general by industry division. The July rise was the eighth successive monthly advance in employment, which has risen by more than 1½ million over the past year.

Unemployment lower

The sustained rise in the demand for labor has brought about a distinct improvement in the overall unemployment situation this spring and summer. The number of jobless fell more than usual from June to July, to a seasonally adjusted total of 3.6 million, and the unemployment rate declined to 4.9 percent. In the past 3 months the rate has moved irregularly lower, averaging 5.1 percent, the lowest 3-month average in 5 years. The incidence of unemployment still varies widely but the recent improvement has been rather general, as may be seen in the following table.

Unemployment Rate, Seasonally Adjusted

3 months ending	Total	Men 20 years and over	Women 20 years and over	Married men	Teenagers
July 1963	5.7	4.4	5.4	3.2	16.5
October 1963	5.5	4.2	5.6	3.0	15.2
January 1964	5.7	4.4	5.5	3.3	15.5
April 1964	5.4	3.9	5.5	2.9	14.8
July 1964	5.1	3.8	5.0	2.7	14.7

Balance of payments deficit rises

Preliminary estimates of the second quarter balance of payments indicate a deterioration as compared with the first quarter of 1964. Measured by changes in U.S. official monetary reserves and in liquid liabilities to foreigners, the seasonally adjusted balance was adverse by about $790 million in the spring quarter, as compared with a first quarter deficit of about $75 million. The second quarter total includes as liquid liabilities foreign purchases of $122 million of convertible special Government securities.

Although the change in the balance from the first to the second quarter appears to have been large, it was not unexpected, as the international transactions during the first quarter included many which were temporarily favorable to the U.S. balance of payments.

New Orders

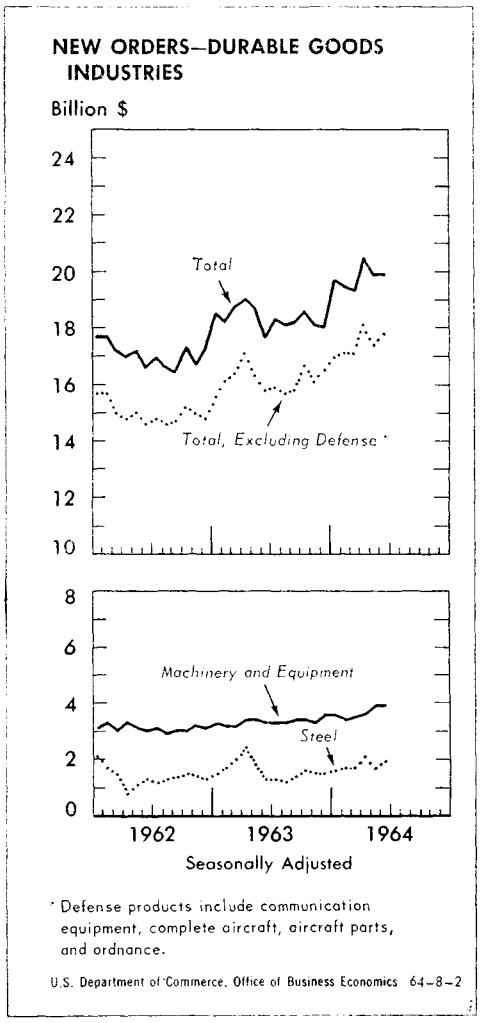
New orders received by manufacturers of durable goods, which had moved up sharply in the first quarter of this year, increased further during the second quarter, reflecting the rising demand for durable goods. The second quarter rate of orders was more than 3 percent above that of the first quarter and almost 10 percent higher than the corresponding 1963 figure.

Shipments by durable goods industries have also increased this year, but the inflow of new orders has exceeded shipments in each month since January. As a result, the volume of unfilled orders has shown a steady rise since the beginning of the year and has increased relative to sales. In the second half of 1963 backlogs declined slightly, both in level and relative to sales.

The fluctuating volume of defense orders frequently introduces an element of irregularity into the new orders series. Part of this year's overall increase is due to an upsurge in defense orders during the first quarter from the very low fourth quarter 1963 level. However, the exclusion of defense from the total, as may be seen in the accompanying chart, would still leave the order rate during the second quarter at a record level for the current expansion.

Primary metals orders up

A feature of the April–June period has been the sustained strength in the flow of orders to producers of primary metals. Orders received by these industries rose 10 percent as compared with the prior 3-month period, with steel mill orders up about 15 percent and other primary metals 5 percent higher. The increasing inflow of new business to iron and steel producers has been reflected in rising steel mill output this year. This strengthening of demand has lengthened delivery times for many mill products, and has led a majority of producers to anticipate an improvement in the rate of August shipments over the July level.



Rise in machinery

New orders for machinery and equipment are responding to the step-up in business investment programs now taking place and scheduled for the rest of the year. The first-to-second quarter gain was close to 9 percent, and incoming business during May and June was at peak levels. New orders received have exceeded shipments by these industries each month this year, continuing a trend in progress since November 1962.

While most machinery and equipment industries have experienced some rise in orders, the most significant gains have taken place in nonelectrical machinery. Orders for such equipment have advanced for seven successive quarters, with an acceleration evident in the past two quarters. Builders of machine tools have reported a sharp jump in bookings with demand from the automotive industry especially heavy. Industries manufacturing consumer durable goods have been receiving orders at a fast pace throughout the first half as consumer spending for their products has been stepped up at the retail level.

Railroad freight car orders have climbed dramatically. The number of cars placed on order so far in 1964 is up 45 percent from a year earlier, as the carriers continue to modernize their rolling stock, and attempt to provide the specialized types of equipment demanded by many shippers.

Gross National Product Continues Sharp Increase in Second Quarter

Reflecting the underlying strength of consumer, business, and government demand, the GNP expanded again in the second quarter of 1964 to reach $618½ billion at a seasonally adjusted annual rate. This was a gain of nearly $10 billion, or more than 1½ percent, over the preceding quarter. With prices continuing their slow rise—the latest was about one-half of 1 percent—the second quarter advance in the real volume of output exceeded 1 percent, about matching the average quarterly production gain since mid-1963.

The major feature of the quarter was the sharp $12 billion advance in disposable personal income, reflecting rising activity and the first full quarter effect of the tax cut. The income increase was about equally divided between consumption and saving.

The rise in GNP over the past year represents a distinct acceleration in the present expansion, reflecting more rapid increases in demand in most final markets (see chart). Nonetheless cyclical excesses have been avoided. The price rise has been moderate. Inventory accumulation has not been large and stocks remain low relative to sales. Capital investment has been moving higher but at a rather steady pace. Profit margins continue strong, tending to rise slowly during the past year.

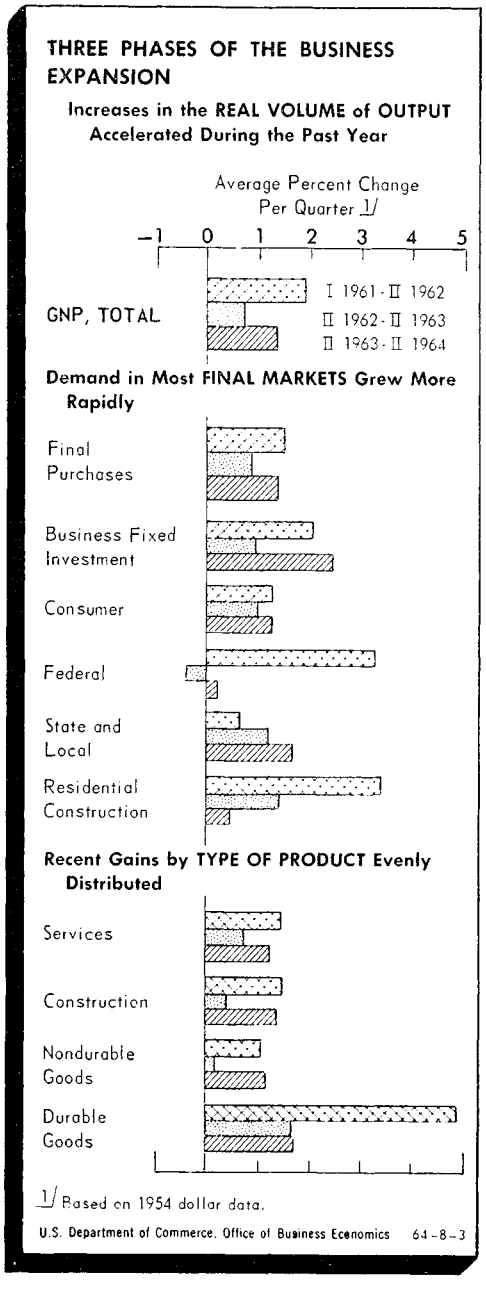
Pattern of Second Quarter Advance

The second quarter GNP gains were widely distributed. Demand in nearly all major domestic final markets was higher in the spring than in the winter quarter, and inventory accumulation—although continuing moderate—was at a somewhat faster pace than in the first quarter.

Consumer demand higher

With the tax cut reflected in paychecks throughout the quarter, more than half of the GNP rise was accounted for by a $6 billion increase in consumer purchases. This was less than the $9 billion advance in the opening quarter of 1964 but clearly exceeded the average quarterly increases of the current expansion. For the first two quarters of 1964 combined, the advance in consumption expenditures was the largest half-yearly rise in peacetime.

Demand for household furniture and appliances and for apparel, food and a wide range of miscellaneous nondurables and semidurables has been very strong so far this year. Since the fourth quarter expenditures for consumer goods except autos have increased 2 percent per quarter. In the earlier part of the business expansion, demand for this combined group of items advanced more slowly—at an average of 1 percent per quarter.



Automobile sales, on the other hand, were little changed in the spring from the very high first quarter pace, partly because of the trucking strike toward the end of the second quarter. As compared with the fourth quarter 1963 rate, car sales in the spring quarter were $1 billion higher.

Fixed investment mixed

Business investment in plant and equipment rose three-quarters of a billion dollars in the second quarter to reach a seasonally adjusted annual rate of $57¼ billion. In five successive quarterly advances, business fixed investment has risen $7¼ billion, or nearly 15 percent, following the hesitation of late 1962—early 1963. The latest OBE–SEC Plant and Equipment Survey indicates that there will be a continued strong rise in investment at least through the end of 1964.

The value of residential construction put in place, at a seasonally adjusted annual rate of $26¼ billion in the spring quarter, was down three-quarters of a billion dollars from the first quarter. This dip has reflected mainly some weakening in the strong 3-year advance in multi-family housing.

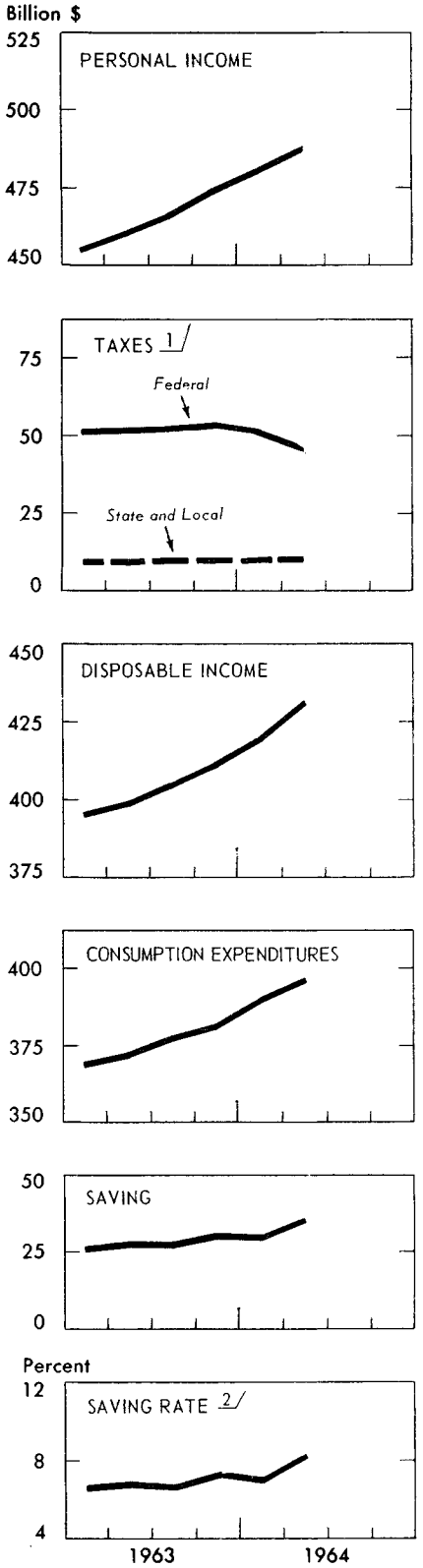
Inventory accumulation higher but still moderate

So far in 1964, inventory accumulation has been restrained and below the moderate rate of late 1963. In the second quarter additions to stocks were at a $3¾ billion annual rate, up about $1¼ billion over the first quarter. Most of the second quarter stock building was in durable goods, in contrast to the first quarter concentration in nondurables. Furthermore, the bulk of the latest increase was in trade stocks. There were sizable but offsetting changes within manufacturing industries; most durable goods industries, particularly machinery, added to inventories.

Government purchases spurt

A $4½ billion rise in government outlays for goods and services in the spring quarter carried the total to $129½ billion at a seasonally adjusted annual

PERSONAL INCOME, TAXES, SPENDING, AND SAVING



1/ Personal tax and nontax payments.
2/ Saving as a percent of disposable personal income.

U.S. Department of Commerce, Office of Business Economics 64-8-4

rate. The steady rise in State and local expenditures continued. Highway construction outlays were little changed but increases in other State and local construction expenditures and in payrolls brought about a gain of $1½ billion, or 2½ percent.

Federal Government outlays, for the first time in over a year, were up substantially due to a large rise in national defense expenditures. Expanded Department of Defense outlays in June accounted for most of the recent increases; spending by the National Aeronautics and Space Administration was also up. Nondefense purchases were somewhat lower, reflecting mainly dampened price support activity by the Commodity Credit Corporation.

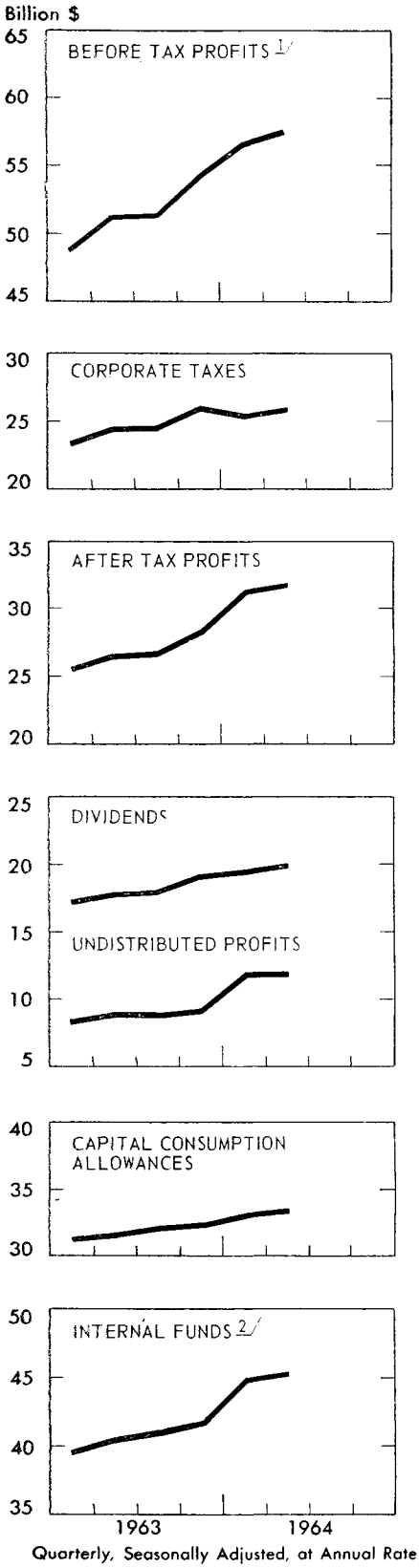
National defense purchases of goods and services have followed a rather uneven course this year, and the large second quarter rise in Defense Department purchases does not appear to signal a reversal of the longer trend in these outlays. Defense spending in the first half of 1964 was virtually the same as in the second half of 1963, which in turn was only fractionally higher than the rate in the first half of that year.

Gains reflected in national income

The continuing business advance was reflected in an $8¼ billion second quarter gain in national income to $506½ billion. Most of the gain was in compensation of employees, which rose $6 billion as a result of increased employment and wage rates. The employment rise was strong enough to reduce the unemployment rate in the second quarter to about 5¼ percent—the lowest quarterly average in the current business expansion.

Corporate profits, including the inventory valuation adjustment, rose somewhat to reach $57½ billion according to preliminary estimates. The moderate second quarter gain followed a sharp $3½ billion first quarter rise. Profit margins—as measured by the share of profits in corporate gross product—have continued to be very favorable so far in 1964, with both quarters exceeding the already high fourth quarter 1963 rate.

CORPORATE PROFITS, TAXES, DIVIDENDS, AND INTERNAL FUNDS



Quarterly, Seasonally Adjusted, at Annual Rate

1/ Excludes inventory valuation adjustment.
2/ Undistributed profits and capital consumption allowances.

U.S. Department of Commerce, Office of Business Economics 64-8-5

The Tax Cut

The direct income effects of the 1964 Federal tax reduction are shown in the accompanying two charts on personal and corporate income. In addition to raising disposable personal income and after-tax profits of the business sector, the tax law revisions also, of course, affected the Federal fiscal position.

Personal income and taxes

Since the tax cut became effective on March 5, its direct effects on disposable personal income can be traced most clearly by examining changes from the fourth quarter of 1963 to the second quarter of 1964. Over this period personal income rose by $13½ billion, an advance not much different from the rise in the second half of 1963. Disposable income had advanced by an average of $6 billion per quarter in the second half of last year, and—in the absence of the tax law changes—the increase in disposable income would have continued at roughly this rate in the opening two quarters of this year, given the actual increase in personal income.

In fact, spendable income was up much more sharply: by more than $8 billion in the first quarter and by $12 billion in the second quarter, or more than $20 billion at an annual rate for the 6-month period. It is estimated that the tax reduction directly increased spendable income by roughly $9 billion (annual rate) in the first half. The 2¾ percent advance in disposable income, in the spring quarter, it may be noted, was the sharpest in the current expansion and the second largest quarterly advance since the end of the Korean War.

Due to a number of offsets the actual decline in total personal taxes (including State and local) over the half year was only $6¾ billion rather than approximately $9 billion. As economic activity and income continued to rise, State and local taxes increased by one-half of a billion dollars. The impact of rising incomes also tended to limit the decline in Federal personal taxes, which fell $7¼ billion over the half year. The decrease in withheld income taxes was somewhat larger than this but other Federal taxes (especially payments under the quarterly declarations system) continued to rise.

Personal spending and saving

The tax cut has stimulated consumption expenditures this year although it is difficult to make a precise estimate of the size of this increase. It is also evident that so far a good part of the tax cut has been saved.

As pointed out above, personal con-

Table 1.—Gross National Product in Current and Constant Dollars (I–3, I–5)

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
	Billions of current dollars			Seasonally adjusted at annual rates					Billions of 1954 dollars			Seasonally adjusted at annual rates				
Gross national product	**518.7**	**556.2**	**583.9**	**577.4**	**587.2**	**599.0**	**608.8**	**618.6**	**447.9**	**476.4**	**492.6**	**487.9**	**494.8**	**502.0**	**508.0**	**513.5**
Personal consumption expenditures	**337.3**	**356.8**	**375.0**	**372.0**	**377.4**	**381.3**	**390.0**	**396.1**	**303.8**	**318.5**	**330.6**	**328.6**	**332.4**	**334.4**	**340.9**	**345.0**
Durable goods	43.7	48.4	52.1	51.5	52.2	53.6	55.9	57.0	41.4	45.7	49.3	48.6	49.4	50.8	53.1	54.0
Nondurable goods	155.4	162.0	167.5	166.6	168.6	168.9	172.9	175.3	143.5	148.3	151.6	151.1	152.5	152.1	155.2	157.4
Services	138.3	146.4	155.3	153.9	156.6	158.8	161.1	163.8	118.9	124.5	129.7	128.9	130.6	131.6	132.6	133.7
Gross private domestic investment	**68.8**	**79.1**	**82.0**	**80.2**	**82.8**	**87.1**	**85.9**	**87.2**	**57.4**	**65.9**	**67.7**	**66.2**	**68.1**	**71.7**	**70.1**	**70.8**
New construction	41.0	44.2	46.6	45.9	47.2	48.3	49.2	48.9	34.3	36.7	37.9	37.5	38.2	39.0	39.6	39.2
Residential nonfarm	21.1	23.6	25.2	25.1	25.4	26.2	26.9	26.2	18.2	20.1	21.2	21.2	21.2	21.8	22.3	21.6
Other	19.8	20.6	21.3	20.8	21.9	22.1	22.3	22.7	16.1	16.5	16.7	16.4	17.0	17.2	17.3	17.5
Producers' durable equipment	25.9	29.0	31.0	30.7	31.4	32.4	34.2	34.6	21.4	24.0	25.6	25.4	25.9	26.8	28.1	28.3
Change in business inventories	1.9	5.9	4.4	3.6	4.2	6.4	2.5	3.7	1.7	5.2	4.1	3.3	4.0	5.9	2.4	3.3
Nonfarm	1.5	5.3	3.9	3.2	3.7	6.0	2.2	3.4	1.5	4.8	3.6	2.7	3.4	5.5	2.1	3.0
Farm	.3	.6	.5	.5	.5	.4	.3	.3	.2	.4	.5	.5	.6	.4	.3	.3
Net exports of goods and services	**4.6**	**4.0**	**4.4**	**4.3**	**4.2**	**5.8**	**7.7**	**5.7**	**2.5**	**2.2**	**2.2**	**2.1**	**2.0**	**3.5**	**5.4**	**3.4**
Exports	27.6	29.2	30.7	30.5	31.0	32.6	34.5	33.7	25.8	27.5	29.1	28.9	29.4	30.9	32.7	31.9
Imports	23.0	25.2	26.3	26.3	26.8	26.9	26.8	27.9	23.3	25.3	26.8	26.8	27.4	27.4	27.3	28.5
Government purchases of goods and services	**108.0**	**116.3**	**122.6**	**120.9**	**122.8**	**124.8**	**125.2**	**129.6**	**84.3**	**89.8**	**92.1**	**91.0**	**92.3**	**92.4**	**91.6**	**94.3**
Federal	57.4	62.9	64.7	64.3	64.4	64.9	64.3	67.1	44.8	49.4	49.7	49.4	49.6	48.9	47.8	49.8
National defense	49.0	53.6	55.2	55.2	55.5	55.3	54.0	57.0	-----	-----	-----	-----	-----	-----	-----	-----
Other	8.9	10.2	10.3	9.9	9.5	10.5	11.5	11.0	-----	-----	-----	-----	-----	-----	-----	-----
Less: Government sales	.6	.9	.8	.9	.6	.9	1.2	.9	-----	-----	-----	-----	-----	-----	-----	-----
State and local	50.6	53.5	57.9	56.7	58.4	59.9	60.9	62.5	39.4	40.3	42.4	41.7	42.7	43.4	43.8	44.5

Table 2.—National Income by Type of Income (I–8, I–9)

[Billions of dollars]

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
				Seasonally adjusted at annual rates				
National income	**426.9**	**455.6**	**478.5**	**474.6**	**481.9**	**490.0**	**498.4**	[1] **506.6**
Compensation of employees	**302.2**	**323.1**	**340.3**	**338.1**	**342.7**	**347.7**	**352.5**	**358.6**
Wages and salaries	278.8	297.1	312.1	310.1	314.3	318.8	323.2	328.7
Private	227.0	241.6	252.9	251.6	255.0	257.6	260.8	265.3
Military	10.2	10.8	10.9	10.7	10.7	11.7	11.7	11.7
Government civilian	41.6	44.7	48.3	47.8	48.7	49.6	50.7	51.7
Supplements to wages and salaries	23.4	25.9	28.2	27.9	28.4	28.8	29.4	29.9
Employer contributions for social insurance	11.8	13.6	15.1	15.0	15.2	15.4	15.7	15.9
Other labor income	11.6	12.3	13.1	13.0	13.2	13.4	13.7	14.0
Employer contributions to private pension and welfare funds	9.2	9.7	10.4	------	------	------	------	------
Other	2.4	2.6	2.7	------	------	------	------	------
Proprietors' income	**48.2**	**49.8**	**50.6**	**50.1**	**50.7**	**51.5**	**51.2**	**51.7**
Business and professional	35.3	36.6	37.6	37.3	37.8	38.3	38.6	39.1
Income of unincorporated enterprises	35.3	36.6	37.6	------	------	------	------	------
Inventory valuation adjustment	0	0	0	------	------	------	------	------
Farm	12.9	13.2	13.0	12.8	12.9	13.2	12.6	12.6
Rental income of persons	**12.2**	**12.2**	**12.3**	**12.3**	**12.4**	**12.4**	**12.4**	**12.4**
Corporate profits and inventory valuation adjustment	***44.1***	***48.4***	***50.8***	***50.2***	***51.4***	***53.1***	***56.4***	[1] ***57.4***
Profits before tax	44.2	48.2	51.3	51.1	51.3	54.3	56.6	57.4
Profits tax liability	22.3	23.2	24.6	24.5	24.5	26.0	25.4	25.8
Profits after tax	21.9	25.0	26.7	26.6	26.7	28.3	31.2	31.7
Dividends	15.2	16.5	18.0	17.7	17.9	19.1	19.4	19.8
Undistributed profits	6.7	8.5	8.7	8.9	8.9	9.2	11.8	11.9
Inventory valuation adjustment	−.1	.3	−.4	−.9	.2	−1.2	−.2	−.1
Net interest	**20.1**	**22.1**	**24.4**	**24.0**	**24.7**	**25.4**	**25.9**	**26.5**

1. Second-quarter national income total and the corporate profits share are based on preliminary estimates and are subject to revision in next month's SURVEY.

sumption expenditures increased by nearly $15 billion from the close of 1963 to the spring of 1964. In the same period, personal saving rose $5½ billion and the saving rate (personal saving as a percent of disposable income) rose from a little over 7 percent to a little over 8 percent. The second quarter rate is near the upper end of the comparatively narrow range of 6 to 8½ percent in which the personal saving rate has fluctuated since the end of the Korean War. In the past increases in disposable income about as large as the 2¾ percent gain of the second quarter 1964 have typically been associated with large increases in the saving rate. However, the length of time it has taken for the rate to return to a more typical figure has varied.

Table 3.—Personal Income and Its Use (II-2)

[Billions of dollars]

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
				Seasonally adjusted at annual rates				
Personal income	417.6	442.4	464.1	460.2	466.3	474.5	480.9	487.9
Wage and salary disbursements	278.8	297.1	312.1	310.1	314.3	318.8	323.2	328.7
Commodity-producing industries	110.8	118.5	123.3	122.9	124.1	125.5	126.7	128.9
Manufacturing only	87.5	94.2	98.0	97.7	98.5	99.9	100.6	102.4
Distributive industries	72.9	76.6	80.3	79.7	81.0	81.9	82.7	84.1
Service industries	43.4	46.4	49.3	49.0	49.9	50.2	51.3	52.4
Government	51.8	55.6	59.2	58.5	59.4	61.3	62.4	63.4
Other labor income	11.6	12.3	13.1	13.0	13.2	13.4	13.7	14.0
Proprietors' income	48.2	49.8	50.6	50.1	50.7	51.5	51.2	51.7
Business and professional	35.3	36.6	37.6	37.3	37.8	38.3	38.6	39.1
Farm	12.9	13.2	13.0	12.8	12.9	13.2	12.6	12.6
Rental income of persons	12.2	12.2	12.3	12.3	12.4	12.4	12.4	12.4
Dividends	15.2	16.5	18.0	17.7	17.9	19.1	19.4	19.8
Personal interest income	27.5	30.0	32.9	32.4	33.4	34.2	35.0	35.7
Transfer payments	33.6	34.7	36.7	36.3	36.5	37.2	38.3	38.0
Old-age and survivors insurance benefits	12.6	14.3	15.2	15.3	15.4	15.4	15.6	16.1
State unemployment insurance benefits	4.0	2.9	2.8	2.6	2.6	3.0	2.8	2.5
Veterans' benefits	4.8	4.8	5.0	5.0	5.0	5.1	5.2	5.3
Other	12.2	12.7	13.7	13.3	13.4	13.6	14.8	14.2
Less: Personal contributions for social insurance	9.6	10.3	11.8	11.7	11.9	12.1	12.3	12.5
Less: Personal tax and nontax payments	52.9	57.9	61.6	61.1	61.9	63.3	61.4	56.6
Federal	45.1	49.1	51.9	51.5	52.2	53.4	51.2	46.1
State and local	7.8	8.8	9.6	9.6	9.7	9.9	10.2	10.5
Equals: Disposable personal income	364.7	384.6	402.5	399.1	404.4	411.2	419.5	431.3
Less: Personal consumption expenditures	337.3	356.8	375.0	372.0	377.4	381.3	390.0	396.1
Equals: Personal saving	27.3	27.8	27.5	27.1	27.0	29.9	29.5	35.2
Addendum: Disposable personal income in constant (1954) dollars	328.2	343.4	354.9	352.6	356.3	360.7	366.7	375.7

Table 4.—Gross National Product by Major Type of Product in Current and Constant Dollars (I-6, I-7)

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
	Seasonally adjusted at annual rates								Seasonally adjusted at annual rates							
	Billions of current dollars								Billions of 1954 dollars							
Gross national product	518.7	556.2	583.9	577.4	587.2	599.0	608.8	618.6	447.9	476.4	492.6	487.9	494.8	502.0	508.0	513.5
Final sales	516.8	550.3	579.5	573.7	583.0	592.6	606.4	614.9	446.2	471.2	488.5	484.6	490.9	496.1	505.6	510.2
Inventory change	1.9	5.9	4.4	3.6	4.2	6.4	2.5	3.7	1.7	5.2	4.1	3.3	4.0	5.9	2.4	3.3
Goods output	259.8	279.5	290.2	290.1	289.8	296.7	300.7	308.0	233.6	250.3	258.1	257.7	257.8	263.2	266.2	271.8
Final sales	257.9	273.6	285.8	286.5	285.7	290.3	298.2	304.3	232.0	245.1	254.0	254.4	253.8	257.3	263.8	268.5
Inventory change	1.9	5.9	4.4	3.6	4.2	6.4	2.5	3.7	1.7	5.2	4.1	3.3	4.0	5.9	2.4	3.3
Durable goods output	94.4	105.3	110.4	113.7	108.1	113.4	114.9	121.4	82.1	91.7	96.3	98.7	94.3	99.0	100.4	105.4
Final sales	94.5	102.3	108.2	111.0	106.6	110.4	114.3	119.0	82.1	89.2	94.4	96.4	93.0	96.4	99.8	103.3
Inventory change	−.1	3.0	2.2	2.7	1.5	3.0	.7	2.5	−.1	2.6	1.9	2.3	1.2	2.6	.6	2.1
Nondurable goods output	165.4	174.2	179.8	176.4	181.8	183.3	185.7	186.6	151.6	158.6	161.8	159.0	163.6	164.2	165.8	166.4
Final sales	163.4	171.3	177.6	175.5	179.1	179.9	183.9	185.4	149.8	155.9	159.6	158.0	160.8	160.9	164.0	165.2
Inventory change	2.0	2.9	2.2	.9	2.7	3.4	1.8	1.2	1.7	2.6	2.3	1.0	2.7	3.3	1.8	1.2
Services	200.8	214.7	228.4	223.5	231.2	234.5	239.6	241.7	165.4	174.8	181.4	178.1	183.5	184.2	186.8	186.7
Construction	58.1	62.0	65.2	63.7	66.2	67.8	68.6	68.9	48.9	51.3	53.0	52.1	53.5	54.6	55.0	55.0
Addendum: Auto product	17.7	21.9	24.4	24.2	24.3	25.6	25.8	26.4	14.8	18.3	20.4	20.1	20.4	21.6	21.7	22.0

Corporate income and taxes

In contrast to the personal income tax cut, the entire direct effects of the corporate tax reduction were reflected in first quarter after-tax profits. The decline in the tax rate, coupled with a continued gain in corporate before-tax profits, led to a very sharp increase in after-tax earnings.

In the first quarter, the $2¼ billion rise in profits before taxes (excluding the inventory valuation adjustment) at the old tax rates would have yielded a rise in after-tax profits of about $1¼ billion. The actual rise was nearly $3 billion, so that roughly $1¾ billion is traceable to the new tax law. After-tax profits advanced slightly in the second quarter, reflecting a rise in before-tax profits of about three-quarters of a billion dollars.

Federal corporate tax accruals actually declined by only one-half of a billion dollars from fourth quarter to first, as the jump in profits before taxes nearly offset the effects of the tax reduction (see chart).

Dividends have continued to rise at a moderate pace this year so that most of the increase in after-tax income has gone into retained earnings. The latter have risen by $2¾ billion in the past 6 months. The increase in corporate internal funds—retained earnings plus capital consumption allowances—has been $3¾ billion, or nearly one-tenth, since the fourth quarter.

The Federal Budget

Reflecting the initial full quarter effects of reduced receipts due to the tax cut and the increase in defense expenditures, the Federal deficit on income and product account was $9 billion at a seasonally adjusted annual rate in the second quarter. This was a sharp change from the small deficit incurred in the first quarter, which was mainly the result of the drop in taxes, stemming from the new tax law. In 1963, with revenues rising in line with economic activity and with total Federal outlays changing little during the year, there was a steady decline in the deficit, from an annual rate of nearly $5 billion in the opening quarter of the year to an approximate balance in the closing quarter.

Table 5.—Relation of Gross National Product, National Income and Personal Income (I-17, I-18)

[Billions of dollars]

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
				Seasonally adjusted at annual rates				
Gross national product	**518.7**	**556.2**	**583.9**	**577.4**	**587.2**	**599.0**	**608.8**	**618.6**
Less: Capital consumption allowances	44.5	48.7	50.8	50.5	51.2	51.7	52.5	53.1
Equals: Net national product	**474.1**	**507.5**	**533.1**	**526.9**	**536.0**	**547.3**	**556.3**	**565.5**
Less: Indirect business tax and nontax liability	49.0	52.8	55.9	55.3	56.1	57.3	57.9	59.0
Business transfer payments	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5
Statistical discrepancy	−2.6	−1.8	−2.7	−4.3	−3.5	−1.8	−1.6	[1] −1.9
Plus: Subsidies less current surplus of government enterprises	1.6	1.6	1.0	1.1	.9	.7	1.0	.7
Equals: National income	**426.9**	**455.6**	**478.5**	**474.6**	**481.9**	**490.0**	**498.4**	[1] **506.6**
Less: Corporate profits and inventory valuation adjustment	44.1	48.4	50.8	50.2	51.4	53.1	56.4	[1] 57.4
Contributions for social insurance	21.4	23.9	26.9	26.7	27.1	27.5	28.0	28.4
Excess of wage accruals over disbursements	0	0	0	0	0	0	0	0
Plus: Government transfer payments to persons	31.3	32.3	34.3	33.8	34.0	34.7	35.9	35.5
Net interest paid by government	7.4	8.0	8.6	8.4	8.7	8.8	9.1	9.3
Dividends	15.2	16.5	18.0	17.7	17.9	19.1	19.4	19.8
Business transfer payments	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5
Equals: Personal income	**417.6**	**442.4**	**464.1**	**460.2**	**466.3**	**474.5**	**480.9**	**487.9**

Table 6.—Government Receipts and Expenditures (III-3, III-4)

[Billions of dollars]

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
				Seasonally adjusted at annual rates				
Federal Government receipts	**98.3**	**106.4**	**113.6**	**112.9**	**114.2**	**117.2**	**114.8**	[1] **111.0**
Personal tax and nontax receipts	45.1	49.1	51.9	51.5	52.2	53.4	51.2	46.1
Corporate profits tax accruals	20.9	21.8	23.0	23.0	23.0	24.4	23.9	[1] 24.2
Indirect business tax and nontax accruals	14.1	15.1	15.6	15.5	15.7	15.9	15.9	16.4
Contributions for social insurance	18.2	20.5	23.0	22.9	23.2	23.5	23.9	24.2
Federal Government expenditures	**102.6**	**110.4**	**115.2**	**113.9**	**114.9**	**116.6**	**117.2**	**120.2**
Purchases of goods and services	57.4	62.9	64.7	64.3	64.4	64.9	64.3	67.1
Transfer payments	27.4	28.3	29.9	29.5	29.6	30.3	31.1	30.7
To persons	25.8	26.7	28.3	27.9	28.0	28.6	29.5	29.1
Foreign (net)	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6
Grants-in-aid to State and local governments	7.2	8.0	9.1	8.7	9.4	9.9	9.8	10.4
Net interest paid	6.7	7.1	7.7	7.5	7.8	7.9	8.3	8.4
Subsidies less current surplus of of governmente nterprises	3.9	4.2	3.8	3.9	3.7	3.5	3.7	3.6
Surplus or deficit (−) on income and product account	**−4.3**	**−4.1**	**−1.5**	**−1.0**	**−.7**	**.6**	**−2.4**	[1] **−9.2**
State and local government receipts	**54.5**	**59.5**	**64.4**	**63.4**	**64.9**	**66.7**	**67.8**	[1] **69.2**
Personal tax and nontax receipts	7.8	8.8	9.6	9.6	9.7	9.9	10.2	10.5
Corporate profits tax accruals	1.3	1.4	1.5	1.5	1.5	1.6	1.6	[1] 1.6
Indirect business tax and nontax accruals	34.9	37.8	40.2	39.7	40.4	41.3	42.1	42.6
Contributions for social insurance	3.2	3.5	3.9	3.8	3.9	4.0	4.1	4.2
Federal grants-in-aid	7.2	8.0	9.1	8.7	9.4	9.9	9.8	10.4
State and local government expenditures	**54.4**	**57.3**	**62.0**	**60.8**	**62.4**	**64.0**	**65.3**	**66.9**
Purchases of goods and services	50.6	53.5	57.9	56.7	58.4	59.9	60.9	62.5
Transfer payments to persons	5.4	5.6	6.0	6.0	6.0	6.1	6.3	6.4
Net interest paid	.8	.8	.8	.8	.8	.8	.9	.9
Less: Current surplus of government enterprises	2.4	2.6	2.8	2.7	2.8	2.8	2.8	2.9
Surplus or deficit (−) on income and product account	**.1**	**2.1**	**2.4**	**2.6**	**2.4**	**2.7**	**2.4**	[1] **2.3**

1. See footnote table 2.

Table 7.—Personal Consumption Expenditures by Major Type (II-6)

[Billions of dollars]

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
				Seasonally adjusted at annual rates				
Goods and services, total	**337.3**	**356.8**	**375.0**	**372.0**	**377.4**	**381.3**	**390.0**	**396.1**
Durable goods, total	**43.7**	**48.4**	**52.1**	**51.5**	**52.2**	**53.6**	**55.9**	**57.0**
Automobiles and parts	17.1	20.6	22.7	22.6	22.6	23.2	24.3	24.1
Furniture and household equipment	19.3	20.2	21.4	21.0	21.6	22.3	23.1	24.2
Other	7.3	7.6	8.0	7.9	8.0	8.2	8.5	8.8
Nondurable goods, total	**155.4**	**162.0**	**167.5**	**166.6**	**168.6**	**168.9**	**172.9**	**175.3**
Food and beverages	81.3	84.6	87.1	86.9	87.3	87.8	89.7	90.6
Clothing and shoes	28.7	29.9	30.7	30.1	31.3	30.9	32.1	33.2
Gasoline and oil	11.9	12.3	12.8	12.8	12.9	13.0	13.3	13.5
Other	33.6	35.2	36.9	36.8	37.1	37.3	37.8	38.0
Services, total	**138.3**	**146.4**	**155.3**	**153.9**	**156.6**	**158.8**	**161.1**	**163.8**
Housing	44.2	46.5	48.9	48.6	49.2	49.8	50.5	51.1
Household operation	20.4	21.6	22.7	22.4	22.9	23.0	23.5	24.0
Transportation	10.7	11.3	11.7	11.7	11.7	11.8	92.0	12.2
Other	63.0	67.0	72.0	71.3	72.7	74.1	75.1	76.4

Table 8.—Foreign Transactions in the National Income Account (IV-2)

[Billions of dollars]

	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
				Seasonally adjusted at annual rates				
Receipts from abroad	**27.6**	**29.2**	**30.7**	**30.5**	**31.0**	**32.6**	**34.5**	**33.7**
Exports of goods and services	27.6	29.2	30.7	30.5	31.0	32.6	34.5	33.7
Payments to abroad	**27.6**	**29.2**	**30.7**	**30.5**	**31.0**	**32.6**	**34.5**	**33.7**
Imports of goods and services	23.0	25.2	26.3	26.3	26.8	26.9	26.8	27.9
Net transfer payments by government	1.6	1.6	1.6	1.6	1.6	1.7	1.5	1.6
Net foreign investment	3.0	2.4	2.8	2.6	2.6	4.1	6.2	4.1

Table 9.—Sources and Uses of Gross Saving (V-2)

[Billions of dollars]

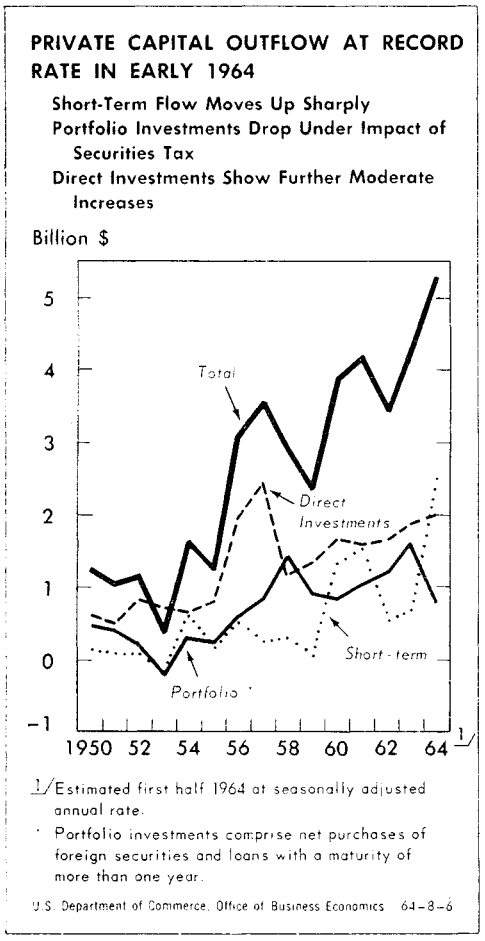
	1961	1962	1963	1963 II	1963 III	1963 IV	1964 I	1964 II
				Seasonally adjusted at annual rates				
Gross private saving	**78.5**	**85.3**	**86.7**	**85.6**	**87.2**	**89.6**	**93.7**	[1] **100.1**
Personal saving	27.3	27.8	27.5	27.1	27.0	29.9	29.5	35.2
Undistributed corporate profits	6.7	8.5	8.7	8.9	8.9	9.2	11.8	[1] 11.9
Corporate inventory valuation adjustment	−.1	.3	−.4	−.9	.2	−1.2	−.2	−.1
Capital consumption allowances	44.5	48.7	50.8	50.5	51.2	51.7	52.5	53.1
Excess of wage accruals over disbursements	0	0	0	0	0	0	0	0
Government surplus on income and product transactions	**−4.2**	**−1.9**	**.9**	**1.6**	**1.7**	**3.3**	**0**	[1] **−6.9**
Federal	−4.3	−4.1	−1.5	−1.0	−.7	.6	−2.4	−9.2
State and local	.1	2.1	2.4	2.6	2.4	2.7	2.4	2.3
Gross investment	**71.8**	**81.5**	**84.8**	**82.9**	**85.4**	**91.1**	**92.1**	**91.3**
Gross private domestic investment	68.8	79.1	82.0	80.2	82.8	87.1	85.9	87.2
Net foreign investment	3.0	2.4	2.8	2.6	2.6	4.1	6.2	4.1
Statistical discrepancy	**−2.6**	**−1.8**	**−2.7**	**−4.3**	**−3.5**	**−1.8**	**−1.6**	[1] **−1.9**

1. See footnote table 2.

By SAMUEL PIZER and FREDERICK CUTLER

Foreign Investments in 1963-64

MASSIVE increases in U.S. private foreign investments have been a major feature of the U.S. balance of payments in 1963 and the first half of 1964. A record amount of $6.3 billion was added to these holdings in 1963, raising the accumulated total to over $66 billion. The increase reflected peak capital outflows of $4.3 billion, reinvested earnings of over $1.5 billion, and $0.5 billion in improved market values of securities



(table 1). Each major category of investments, direct, portfolio and short-term, scored greater gains than in 1962.

Though data for the first half of 1964 are still incomplete, capital outflow appeared to be over a $5 billion annual rate, with short-term lending more than double the 1963 amount, direct investments not significantly changed, and portfolio investments slowed down substantially as the effects of the proposed interest equalization tax (IET) and other market factors were felt. First half outflows included some unusual factors, such as very large flows to Japan, a carryover of new foreign security issues negotiated prior to the announcement of the IET, and increased financing related to a rise in exports. If these influences diminish and are not replaced by others, such as a considerable relative increase in capital costs abroad, the first half rate of outflow may not be fully sustained in the remainder of the year.

Portfolio and Short-Term Investments

In the past year and a half U.S. transactions in foreign securities have undergone very wide swings. Sales of new issues of foreign securities reached a peak of $1 billion in the first half of 1963 (table 5), and then declined to about $300 million in the second half. The July 1963 announcement of a proposed tax on U.S. purchases of most types of foreign securities brought negotiations for new flotations nearly to a halt. Of approximately $670 million sold to U.S. investors in the period July 1963–June 1964, only about $120 million were of a type subject to the tax, and about half of these were issues negotiated prior to the tax proposal. Canadian sales were largely of issues previously arranged for; European issues were almost entirely stopped, as were those of other developed countries.

As the U.S. market for foreign issues contracted there was a compensating opening up of European capital markets to foreign issues. These markets had absorbed an average of under $0.5 billion of foreign issues annually in 1961–63, without exhibiting consistent growth. In the first half of 1964 alone roughly $0.6 billion of foreign issues were sold in Europe. These were mainly European issues, but included about $0.2 billion of Japanese issues.

Some of the sales in Europe were presumably to foreign investors who had previously purchased parts of new issues offered in the United States, and to this extent the shift to Europe as the locus for new offerings did not change the actual source of funds. In 1962 and 1963 these purchases in the United States by nonresidents, probably Europeans for the most part, averaged about $175 million a year (table 5). Whether the European market will absorb as large a volume of issues in the period ahead is not clear. Most of the increase has been in the United Kingdom, Germany, and Luxembourg; the Netherlands market has been closed (after being sizable in 1961), the Swiss market has not shared in the recent development, and the French market has been very limited. Although issues offered in the individual countries are not necessarily purchased by residents—Luxembourg being the prime example—each country tends to regulate access depending on the local monetary situation, and, in general, European countries are currently tightening their credit policies.

In addition to lowered purchases of new foreign issues, U.S. investors have also swung over to a net liquidation of their holdings of foreign stocks since mid-1963. In the 12 months through June 1963, Americans sold $687 million of foreign stocks and bought $699 million; in the following year they sold $732 million while buying only $494 million. The shift led to a net inflow of about $250 million in capital between the 2 years. The proposed tax contributed to the sharp drop in purchases, but domestic investments have also become more attractive; since mid-1962 stock markets in the United States have shown considerably stronger and more consistent gains than those abroad.

Bank loans expanded

While the capital outflow through purchases of foreign securities was diminishing, there was an offsetting upsurge in term loans by banks. The amount outstanding on these loans with a maturity of over 1 year had increased at an annual rate of about

$200 million in 1960–62. The increase rose sharply to $150 million in the first half of 1963 and $416 million in the second (after eliminating for the year about $280 million of increases related to changes in coverage and other factors). Outflows of this type remained high at about $310 million in the first half of 1964, then appeared to taper off after March.

Nearly $0.5 billion of these bank loans in 1963 went to Western Europe, largely in the fourth quarter, a much larger amount than in any earlier period. While the loans were spread over many countries, Italy alone received about $130 million. Sizable lending to Europe continued into 1964. Japan also received large term loans in 1963 and in 1964.

Short-term lending and holdings of commercial paper reported by U.S. banks also expanded much more rapidly in 1963 than in 1962, though the $740 million outflow was still well below the amounts in 1960–61. Principal borrowers in 1963 were Japan, the Philippines, a few Latin American countries, and Canada. Most of this lending represents commercial credits which, because they tend to be renewed and expanded over time, are not much different in their economic effect from loans with longer original maturities.

A much faster expansion of these credits, amounting to over $950 million, took place in the first half of 1964. Japan remained the principal borrower, the flow to Canada increased, and the United Kingdom also received some short-term funds.

On balance, nonfinancial concerns reduced their holdings of liquid assets outside the United States in 1963, especially of assets recorded in Canada. This year there are indications that transfers of funds into liquid foreign assets by such firms may again be a significant factor in the balance of payments, though the data covering this kind of capital movement are probably relatively incomplete. Given the rising volume of cash available for liquid investment by nonfinancial concerns, changes in relative yields of comparable domestic and foreign assets may well result in substantial shifts of funds among countries.

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Direct Investments Abroad

U.S. business stepped up the pace of foreign expansion in 1963, and by all available indications will continue to maintain a vigorous growth rate abroad for some time ahead. Total additions to the foreign investments of the parent companies amounted to $3.4 billion in 1963, second only to the 1957 peak when petroleum investments were extraordinarily high. The additions came from net capital outflows of $1.9 billion and reinvested earnings of nearly $1.6 billion, compared with 1962 equivalents of $1.7 billion and $1.2 billion. With the latest additions, the total book value of the direct investments was nearly $41 billion at the beginning of 1964.

While the heightened rate of parent company investment is related primarily to further expansions of productive facilities and working capital needs abroad, perhaps $100–$200 million of the earnings retained abroad in 1963 were withheld until reduced U.S. corporate profit tax rates became effective in 1964. Thus, there were unusually high dividend distributions early in 1964.

Concentration in developed countries

About three-quarters of the growth of direct foreign investments in 1963 was in developed countries, continuing a trend evident for some time, as shown in the profile chart. Investments in Europe, which had been growing at a rate of about $1.1 billion a year in 1961 and 1962, were increased by $1.5 billion in 1963.

Manufacturing investments in Europe rose by over $650 million last year, but capital flows were lower than in the previous year in spite of nearly $100 million included for the purchase of stock in a French company, while undistributed profits were considerably higher. As noted above, the latter may in part represent only temporarily delayed dividend payments. Capital flows were down sharply for France (except for the single large transaction), Germany, and the United Kingdom, but for the United Kingdom this was more than matched by a jump in undistributed profits. It now appears that capital requirements for new facilities and acquisitions of interests in existing enterprises will continue high, but less financing from the United States may be needed.[1]

The petroleum industry also invested in Europe at an accelerated rate in 1963, especially in Germany and Italy. This step up was related to the expansion of European refining capacity of U.S. companies by about 20 percent in 1963. While this activity may have slackened somewhat in 1964, the exploration and development of reserves in the North Sea will probably call forth large additional investments.

In Canada, over $850 million was added to U.S. direct investments—substantially more than in 1961 and 1962 and moving toward the peak rates of 1956–60. Faster growth was evident for both manufacturing and petroleum,

[1] A report on sources and uses of funds of foreign affiliates is being prepared for the October SURVEY OF CURRENT BUSINESS.

Table 1.—Factors Affecting the U.S. Private Investment Position, 1962 and 1963

(Millions of dollars)

Type of investment	1962 r	1963
U.S. private investments abroad		
Total, beginning of year	55,581	60,025
Add: Capital outflow [1]	3,434	r 4,301
Reinvested earnings	1,198	1,565
Price changes and other adjustments	−188	475
Total, end of year	60,025	66,366
Direct investments		
Value, beginning of year	34,6 7	37,226
Add: Capital outflow [1]	1,654	r 1,888
Reinvested earnings	1,198	1,565
Other adjustments [2]	−293	−34
Value, end of year	37,225	40,645
Other long-term private investments abroad		
Value, beginning of year	14,389	15,506
Add: Capital outflow [1]	1,227	r 1,679
Price changes	−114	453
Other adjustments [3]	4	−27
Value, end of year	15,506	17,611
Short-term assets and claims		
Value, beginning of year	6,525	7,293
Add: Capital outflow [1]	553	r 734
Enlarged coverage of reports	215	83
Value, end of year	7,293	8,110
Foreign long-term investments in the United States		
Direct investments		
Value, beginning of year	7,392	7,612
Add: Capital inflow [1]	132	r −5
Reinvested earnings	214	236
Other adjustments [4]	−126	101
Value, end of year	7,612	7,944
Other long-term investments		
Value, beginning of year	14,052	12,604
Add: Capital inflow [1]	141	r 304
Price changes	−1,511	1,902
Other adjustments	−78	40
Value, end of year	12,604	14,850

r Revised.

1. Included in the balance of payments accounts; revised series will be in SURVEY OF CURRENT BUSINESS for September 1964.
2. For details see note to table 2.
3. In 1962 includes reclassifications (+$41 million) and foreign exchange depreciation ($85 million); in 1963 includes mainly reclassifications.
4. Mainly revaluations of portfolios of foreign controlled insurance companies.

Table 2.—Value of Direct Investments Abroad [1] by

Table 3.—Direct-Investment Capital Flow and Undistributed Subsidiary

Table 4.—Direct-Investment Earnings and Income,[2]

[Millions of dollars]

Line	Area and country	Table 2											Table 3								
						1963 p							Net capital outflows						Undistributed subsidiary earnings		
														1963 p						1963 p	
		1950	1957	1961 r	1962 r	Total	Mining and smelting	Petroleum	Manufacturing	Public utilities	Trade	Other	1962 r	Total	Mining and smelting	Petroleum	Manufacturing	Other	1962	Total	Mining and smelting
1	**All areas, total**	11,788	25,391	34,667	37,225	40,645	3,350	13,698	14,890	2,051	3,395	3,351	1,654	1,888	65	810	716	297	1,198	1,555	66
2	**Canada, total**	3,579	8,769	11,602	12,133	13,016	1,540	3,133	5,746	460	747	1,390	314	339	1	186	101	51	371	528	45
3	**Latin American Republics, total.**	4,445	7,434	8,236	8,424	8,657	1,093	3,094	2,103	710	881	776	−32	64	−6	−81	107	44	268	173	5
4	**Mexico, Central America and West Indies, total.**	1,488	2,234	1,809	1,912	2,064	161	284	547	191	389	492	9	85	−5	22	49	19	121	79	−1
5	Guatemala	106	106	128	126	122	(*)	27	(*)	69	6	21	−4	−5	(*)	−2	(*)	−3	2	2	(*)
6	Honduras	62	108	95	99	105	(*)	(*)	(*)	23	1	80	3	6	(*)	(*)	6	1	1	−1	(*)
7	Mexico	415	739	830	867	907	116	66	503	25	93	104	25	25	−4	−5	42	−8	22	13	−1
8	Panama	58	201	486	537	620	19	94	12	27	274	195	−23	35	------	9	2	24	90	63	(**)
9	Other countries	847	1,080	269	283	310	23	(*)	24	47	15	201	8	25	−1	(*)	5	21	5	2	------
10	**South America, total**	2,957	5,200	6,426	6,511	6,593	932	2,810	1,556	520	491	284	−41	−22	−1	−103	57	25	147	94	6
11	Argentina	356	333	660	799	828	(*)	(*)	454	(*)	38	336	96	19	(*)	(*)	34	−15	32	−3	(*)
12	Brazil	644	835	1,006	1,084	1,128	30	60	663	190	147	38	14	−12	(*)	−16	(**)	4	63	57	(*)
13	Chile	540	666	735	755	768	503	(*)	27	(*)	15	223	13	14	−1	(*)	−3	19	11	−2	(**)
14	Colombia	193	396	425	455	465	(*)	246	120	27	52	19	21	−1	(*)	−14	13	(**)	10	8	(*)
15	Peru	145	383	436	453	448	240	56	64	21	41	27	14	−6	−8	−14	17	−1	1	1	(**)
16	Uruguay	55	57	49	52	51	(*)	(*)	20	(*)	6	24	2	−1	(*)	(*)	−1	1	1	−1	(*)
17	Venezuela	993	2,465	3,007	2,816	2,807	(*)	2,166	202	37	185	218	−199	−36	(*)	−41	−2	7	29	32	(*)
18	Other countries	31	65	107	96	98	5	45	5	19	8	17	−2	(**)	−1	(**)	(**)	1	1	2	(**)
19	**Other Western Hemisphere**	131	618	954	1,050	1,218	210	533	108	48	82	238	61	156	30	77	41	8	40	10	3
20	**Europe, total**	1,733	4,151	7,742	8,930	10,351	55	2,828	5,610	40	1,234	585	869	893	7	356	364	166	292	568	−3
21	**Common Market, total**	637	1,680	3,104	3,722	4,471	11	1,330	2,515	32	436	147	485	579	(*)	254	271	55	81	141	(*)
22	Belgium and Luxembourg	69	192	262	286	351	------	63	225	1	51	11	27	30	------	5	16	9	−7	28	------
23	France	217	464	860	1,030	1,235	10	261	759	10	158	37	124	163	(*)	3	129	31	33	36	(*)
24	Germany	204	581	1,182	1,476	1,772	(*)	496	1,116	3	108	48	248	209	(*)	123	78	8	42	63	(*)
25	Italy	63	252	491	554	668	(*)	309	260	2	64	33	35	126	(*)	81	35	9	2	5	(*)
26	Netherlands	84	191	309	376	445	------	201	154	16	56	18	51	52	------	42	13	−2	12	9	------
27	**Other Europe, total**	1,096	2,471	4,638	5,208	5,880	45	1,498	3,095	8	797	438	384	313	(*)	103	93	117	211	427	(*)
28	Denmark	32	42	95	116	133	1	88	26	(**)	16	2	22	18	------	14	3	(**)	−3	−1	------
29	Norway	24	51	94	106	123	(*)	67	27	(**)	11	17	11	7	(*)	3	3	(**)	3	8	(*)
30	Spain	31	44	76	90	153	(*)	40	82	3	21	6	9	25	(*)	10	11	4	4	6	(*)
31	Sweden	58	109	141	174	220	(**)	136	36	(**)	41	7	36	43	------	36	10	−3	−2	4	------
32	Switzerland	25	69	388	553	668	(**)	30	131	(**)	270	237	119	93	------	3	6	84	95	125	------
33	Turkey	16	63	98	108	112	(*)	89	11	(**)	9	4	8	2	(*)	−2	6	−2	3	2	(*)
34	United Kingdom	847	1,974	3,554	3,824	4,216	2	939	2,735	2	369	169	170	109	1	38	47	23	91	278	------
35	Other Countries	63	119	193	236	256	25	109	47	1	61	13	9	17	(*)	(**)	7	10	19	6	(*)
36	**Africa, total**	287	664	1,064	1,271	1,423	351	701	176	9	81	105	158	104	31	62	8	3	47	46	11
37	Liberia	16	72	160	184	195	(*)	(*)	(*)	(*)	(*)	195	17	10	(*)	(*)	(*)	10	1	(**)	(*)
38	Libya	(**)	24	177	265	304	(*)	(*)	(*)	(*)	(*)	304	85	37	(*)	(*)	(*)	37	3	1	(*)
39	Republic of South Africa	140	301	311	357	415	67	(*)	158	(**)	47	142	8	12	−1	(*)	6	6	39	43	6
40	Other countries	131	267	416	465	510	191	272	16	6	18	7	48	45	4	(**)	(**)	41	3	2	4
41	**Asia, total**	1,001	2,019	2,477	2,500	2,784	31	1,925	420	38	200	170	92	205	1	153	37	15	21	76	1
42	**Middle East, total**	692	1138	1,240	1,200	1,274	1	1,207	33	3	10	21	−7	62	------	58	(**)	5	−2	11	------
43	**Far East, total**	309	881	1,237	1,300	1,510	31	718	387	35	191	149	99	143	1	95	37	10	23	64	1
44	India	38	113	190	193	205	(*)	(*)	77	2	22	104	8	7	(*)	(*)	3	4	−4	5	(*)
45	Indonesia	58	169	147	160	167	------	(*)	19	(**)	2	146	22	5	------	(*)	1	5	−9	1	------
46	Japan	19	185	302	373	475	------	(*)	144	1	53	276	54	68	------	(*)	8	60	14	33	------
47	Phillippine Republic	149	306	440	375	415	(*)	(*)	110	27	64	214	−12	21	(*)	(*)	15	7	14	16	*
48	Other countries	45	108	158	199	248	(*)	(*)	37	4	50	157	27	41	(*)	(*)	10	31	8	8	(*)
49	**Oceania, total**	256	698	1,108	1,271	1,463	70	496	728	1	81	88	118	100	1	24	59	15	43	83	5
50	Australia	201	583	957	1,097	1,277	70	(*)	691	(*)	57	459	106	99	1	(*)	61	38	33	71	5
51	New Zealand	25	48	63	85	98	------	(*)	36	(*)	23	38	13	1	------	(*)	−2	3	8	11	------
52	Other countries	30	67	87	88	89	(**)	(*)	------	(*)	(**)	89	−1	(**)	------	(*)	------	(**)	2	1	------
53	**International**	356	1,041	1,485	1,647	1,732	------	988	------	745	------	------	74	27	------	33	------	−6	115	82	------

r Revised.
p Preliminary.
*Combined in "other industries."
**Less than $500,000.
NOTE.—Detail may not add to totals because of rounding.

1. The value of direct investments abroad in 1963 was adjusted by $34 million owing to valuation adjustments on companies' books, profit and losses on liquidations, or transfers to other investment categories. The changes in values from year to year for some countries and industries are affected not only by the capital flows shown in table 3, but also by the flows between primary and secondary foreign affiliates shown in table.

Selected Countries and Years, With Major Industries for 1963

Earnings, by Selected Countries, With Major Industries for 1963

by Selected Countries, With Major Industries for 1963

[Millions of dollars]

Table 3—Continued			Table 4												
Undistributed subsidiary earnings—Con.			Earnings						Income						
1963 p				1963 p						1963 p					Line
Petroleum	Manufacturing	Other	1962	Total	Mining and smelting	Petroleum	Manufacturing	Other	1962	Total	Mining and smelting	Petroleum	Manufacturing	Other	
182	852	465	4,235	4,572	359	1,828	1,529	856	3,050	3,059	293	1,654	660	451	1
69	338	76	825	930	94	150	544	142	476	441	53	80	206	103	2
13	81	74	1,010	964	147	480	153	184	761	801	141	466	70	124	3
1	23	56	213	178	20	3	49	106	98	103	20	2	25	56	4
(**)	(*)	1	2	−3	(*)	−2	(*)	−2	(**)	−4	(*)	−2	(*)	−2	5
(*)	(*)	−1	7	7	(*)	(*)	(*)	7	7	8	(*)	(*)	(*)	8	6
−3	17	(**)	63	61	11	−2	40	13	44	49	11	1	22	16	7
3	5	55	109	85	(**)	3	5	77	19	23	...	(**)	(**)	23	8
(*)	(**)	2	33	28	7	(*)	2	19	28	27	7	(*)	2	19	9
11	58	19	797	786	127	477	104	78	663	698	122	463	45	69	10
(*)	−5	2	73	52	(*)	(*)	15	37	44	57	(*)	(*)	20	37	11
−4	47	14	82	65	(*)	−2	53	14	24	13	(*)	2	6	6	12
(*)	(**)	−1	72	62	49	(*)	2	11	64	66	48	(*)	1	16	13
2	5	(**)	21	33	(*)	18	10	6	12	25	(*)	15	5	5	14
3	1	−4	52	70	40	10	7	13	51	65	40	5	5	14	15
(*)	−1	(**)	2	−1	(*)	(*)	−1	(**)	1	(**)	(*)	(*)	(**)	(**)	16
10	11	11	505	510	(*)	431	17	62	477	480	(*)	422	6	51	17
(**)	1	1	−10	−5	(**)	−8	1	2	−9	−7	(**)	−9	1	2	18
−24	18	12	169	161	72	52	18	19	130	155	69	78	(**)	7	19
86	301	184	844	992	4	67	605	317	526	507	6	73	296	131	20
−11	120	33	360	394	(*)	47	268	79	247	232	(*)	56	134	42	21
(**)	29	−1	41	48	...	5	37	5	35	15	...	3	6	5	22
5	20	11	59	68	(*)	13	38	17	22	27	(*)	7	14	6	23
−5	59	9	197	215	(*)	25	160	30	137	140	(*)	29	93	18	24
−7	5	7	30	31	(*)	−2	22	11	29	24	(*)	5	14	4	25
−4	6	7	34	33	...	6	11	15	23	25	...	11	6	8	26
98	181	149	484	598	(*)	20	337	242	279	275	(*)	17	163	96	27
−3	(**)	1	2	3	...	−3	2	3	5	6	...	2	2	2	28
6	1	1	5	11	(*)	6	2	3	4	3	(*)	1	1	2	29
(**)	4	2	12	12	(*)	(**)	6	7	7	5	(*)	−1	1	5	30
−2	3	3	12	18	...	−2	5	15	13	14	...	(**)	1	12	31
−2	12	115	121	153	...	−2	17	138	27	30	...	(**)	5	25	32
2	(**)	(**)	−1	1	(*)	(**)	(**)	1	−3	(**)	(*)	−1	(**)	1	33
94	159	25	297	376	...	12	301	62	211	199	...	11	150	38	34
3	2	1	35	24	(*)	8	4	12	15	18	(*)	5	2	11	35
5	22	8	81	170	31	65	43	31	34	123	20	59	20	24	36
(*)	(*)	(**)	15	13	(*)	(*)	(*)	13	14	83	(*)	(*)	(*)	83	37
(*)	(*)	1	6	85	(*)	(*)	(*)	85	3	15	(*)	(*)	(*)	15	38
(*)	21	15	71	86	17	(*)	41	28	33	40	10	(*)	19	12	39
−3	1	...	−12	−13	13	−35	2	6	−16	−16	8	−31	1	6	40
17	27	30	1,040	1,120	2	1,001	52	66	1,017	956	1	893	22	40	41
9	(**)	2	852	935	...	926	2	6	854	832	...	825	2	4	42
8	28	27	188	186	2	75	49	59	163	124	1	68	19	36	43
(*)	3	2	18	14	(*)	(*)	8	6	17	7	(*)	(*)	3	3	44
(*)	4	−3	73	60	...	(*)	4	56	81	58	...	(*)	(**)	58	45
(*)	13	20	33	53	...	(*)	19	34	25	26	...	(*)	7	20	46
(*)	5	11	40	38	(*)	(*)	12	26	23	20	(*)	(*)	6	14	47
(*)	2	6	24	21	(*)	(*)	5	15	16	13	(*)	(*)	3	10	48
8	64	5	128	145	8	4	115	18	75	57	3	−4	47	12	49
(*)	57	9	112	127	8	(*)	105	14	69	51	3	(*)	44	4	50
(*)	7	4	14	17	...	(*)	9	8	5	6	...	(*)	2	4	51
(*)	...	1	2	1	...	(*)	1	(**)	(**)	(**)	...	(*)	...	(**)	52
7	...	75	138	90	...	10	...	80	32	19	...	9	...	10	53

2. Income is the sum of dividends, interest and branch profits; earnings is the sum of the United States share in the net earnings of subsidiaries and branch profits.
3. Data for other countries include Cuba for 1950 ($642 million), and 1957 ($849 million).

indicative of the overall rise in industrial activity. U.S. mining investments in Canada were relatively low in 1963, but may be larger this year as a result of the discovery of new ore bodies.

Australia and Japan also received a larger amount of U.S. investment in 1963; in Australia manufacturing investments were larger, and in Japan the increased investment was mainly for expanded petroleum refining capacity.

Moderate gains in less-developed countries

Although the rate of investment by U.S. companies in the less-developed countries remained comparatively low in 1963, some gains were made. In the Latin American Republics the amount added to investments was $235 million, slightly less than in 1962, including capital flows of $64 million and reinvested earnings of $173 million. Manufacturing investments declined to about $200 million, a sharp drop in Argentina offsetting moderate gains elsewhere in the area. Capital flows for manufacturing in Brazil remained small but there were sizable undistributed profits, presumably reflecting, at least in part, the inability of firms to make remittances rather than decisions to expand. Capital flows from petroleum companies continued, on balance, to move toward the United States, although at a somewhat slower rate than in 1962.

Substantially higher investments are showing up in the Caribbean and formerly dependent territories designated as "Other Western Hemisphere." Over $165 million was invested in this area in 1963, including not only sizable amounts in mining and petroleum but also about $60 million for manufacturing.

African investments by U.S. companies were considerably lower in 1963. Petroleum outlays in North Africa have passed their peak rate, manufacturing in the new nations is still minimal, but mining investment has shown some increase. In Asia, on the other hand, petroleum companies raised their investments in Middle East oil resources, and manufacturing firms made small increases in their investments.

Manufacturing and petroleum investments spurt

Most of the direct foreign investment activity is in the manufacturing and petroleum industries, and both grew at an accelerated rate in 1963. About $1.6 billion was added to the value of manufacturing affiliates abroad, with capital flows rising only slightly from the 1962 level to a total of about $700 million while reinvested earnings rose sharply to a peak of $850 million.

Table 5.—New Foreign Issues Placed in the United States, 1960—June 1964

[Millions of dollars; before deducting discounts and commissions]

Areas	Gross amount sold			U.S. portion		
	Total	Publicly offered	Privately offered	Total	Publicly offered	Privately offered
1964 (January–June) p						
Total	432	146	286	400	123	277
Canada	273	----	273	265	----	265
Europe	15	15	----	9	9	----
Australia, Republic of South Africa, New Zealand, and Japan	----	----	----	----	----	----
Other countries [1]	[1] 139	[1] 126	13	[1] 121	[1] 109	12
International Bank	5	5	----	5	5	----
1963 (July–December)						
Total	315	142	173	276	104	172
Canada	106	----	106	106	----	106
Europe	69	20	49	53	5	48
Australia, Republic of South Africa, New Zealand, and Japan	66	48	18	60	42	18
Other countries	74	74	----	57	57	----
1963 (January–June)						
Total	1,169	294	875	1,038	195	843
Canada	669	25	644	637	22	615
Europe [2]	[2] 285	108	[2] 177	[2] 222	45	[2] 177
Australia, Republic of South Africa, New Zealand, and Japan	163	125	38	130	93	37
Other countries	52	36	16	49	35	14
1962						
Total	1,268	582	686	1,088	423	665
Canada	476	(*)	476	458	(*)	458
Europe	273	214	59	198	140	58
Australia, Republic of South Africa, New Zealand, and Japan	230	200	30	168	138	30
Other countries [3]	[3] 183	62	[3] 121	[3] 180	61	[3] 119
International Bank	106	106	----	84	84	----
1961						
Total	612	277	335	533	213	320
Canada	261	50	211	239	40	199
Europe	82	43	39	56	17	39
Australia, Republic of South Africa, New Zealand, and Japan	136	89	47	106	61	45
Other countries	121	83	38	120	83	37
International Bank	12	12	----	12	12	----
1960						
Total	656	440	216	557	344	213
Canada	257	179	78	221	144	77
Europe	50	35	15	24	11	13
Australia, Republic of South Africa, New Zealand, and Japan	65	50	15	42	27	15
Other countries	175	67	108	173	65	108
International Bank	109	109	----	97	97	----

p Preliminary. *Less than $500,000.

1. Includes $50 million offering of Inter-American Development Bank bonds.
2. Includes $115 million of bonds of Shell Funding Corp.
3. Includes $75 million offering of Inter-American Development Bank bonds.

NOTE.—The amounts shown for U.S. purchases exceed the figures used in the balance of payments because the latter exclude discounts and commissions. The International Bank for Reconstruction and Development issues are reduced by the amount of delayed deliveries included in subsequent years.

Most of the additional investment went into Canada and Europe ($1.1 billion) and other developed countries. In the less developed countries there were gains in "Other Western Hemisphere" and small increases in a few Asian and some Latin American countries, but for the Latin American Republics as a whole manufacturing investments were lower than in 1962.

As noted above, there was a sharp rise in the proportion of manufacturing earnings retained abroad, which rose to over 55 percent in 1963, compared to 40 percent in 1962 and an average of 50 percent in the 1958–61 period.

Within the overall manufacturing category, the largest investments made in 1963 were by producers of transportation equipment (largely automobiles) and chemicals. As shown in table 6, there has been a nearly four-fold increase in U.S. manufacturing investments abroad since 1950, and the rate of expansion by the automobile and chemical companies has been even higher. Other industry groups within manufacturing with notable gains abroad were machinery (nonelectrical) and primary and fabricated metals.

Petroleum investments abroad were increased by $1.0 billion in 1963 ($0.7 billion in 1962). There was heightened activity in Europe, mainly in refining but also in other branches of the industry, in Middle East producing properties, in Far Eastern refinery and other operations, and in Canada.

It is estimated that U.S. companies increased their production of crude oil abroad by nearly 12 percent in 1963 and their foreign refining capacity by about 10 percent.

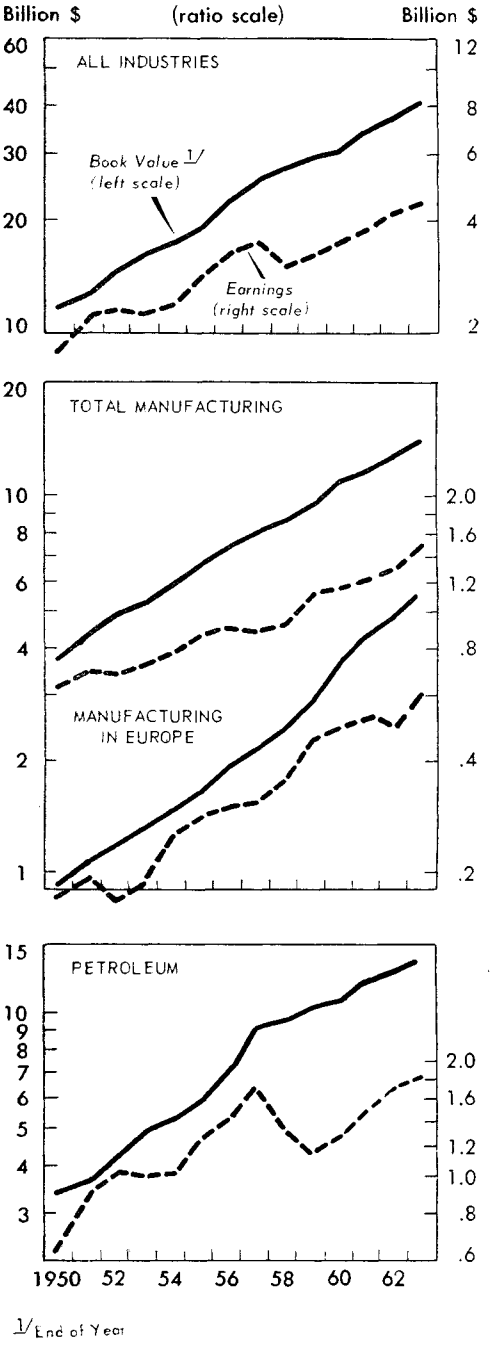
Earnings and Income

Earnings on U.S. direct foreign investments moved up about 8 percent to $4.6 billion in 1963, keeping fairly close to the increase in book values. The overall ratio of earnings to book values remained at about 11 percent, where it has been with little variation since 1958. About two-thirds of the rise in earnings was accounted for by the manufacturing affiliates, primarily in Europe and Canada but smaller gains showed up in all other areas as well. With the upsurge of demand in most European countries earnings generally improved, in contrast to rather widespread declines in 1962. Higher earnings in Canada resulted from a similar development.

Petroleum investments showed moderately higher earnings in 1963, though the total of $1.8 billion was not much above the previous peak in 1957. About half of the gain in 1963 reflected the beginning of substantial production in North Africa, reversing earlier losses related to the exploration and develop-

DIRECT INVESTMENTS

Earnings Grew Less Rapidly Than Book Values in 1963
Manufacturing Earnings Recovered From 1962 Slump
Earnings in Petroleum Continued Gradual Increase



1/ End of Year

U.S. Department of Commerce, Office of Business Economics 64-8-7

ment process. Petroleum earnings were also somewhat higher in Asia and in Canada.

Earnings of other industries did not change materially in 1963; the only sizable gain was connected with the expanded activity of affiliates in wholesale and retail distribution. There was some reduction in earnings of agricultural and mining properties.

Income remittances unchanged

While earnings rose in 1963, there was no increase in the $3.1 billion that came to the United States as dividends, interest and branch profits. For instance, while earnings in manufacturing operations rose by $225 million, income paid to the United States actually dropped by nearly $90 million, leading to an increase of nearly $340 million in earnings retained abroad. Income remittances of this industry were lower in every area.

The decline in income receipts from manufacturing affiliates was about matched by higher receipts from petroleum operations in most areas. Much of the petroleum investment in producing properties is organized as branches for tax reasons, and branch profits are counted as "received" when earned—for tax purposes and in the balance of payments accounts—without regard to whether an actual remittance occurs. Consequently, income receipts (as shown in table 4) tend to be dominated by the branch profits in petroleum.

Other industries taken together account for substantial earnings and income receipts, $1.2 billion and $0.7 billion, respectively, in 1963, about the same as in 1962.

Royalties and fees received from foreign affiliates exceeded $600 million in 1963, and continued to grow more rapidly than returns in the form of dividends and profits. For manufacturing in particular, receipts of royalties and fees of nearly $350 million in 1963 (table 8) were over half as large as dividends received from foreign affiliates.

Table 6.—Direct Investments in Manufacturing Enterprises Abroad, Selected Years, 1950–63, by Commodity*

[Millions of dollars; yearend book values]

	1950	1957	1961 [1]	1962 [1]	1963 [1]
Manufacturing, total	**3,831**	**8,009**	**11,997**	**13,250**	**14,890**
Food products	483	723	1,018	1,105	1,242
Paper and allied products	378	722	923	967	1,053
Chemicals and allied products	512	1,378	2,059	2,260	2,580
Rubber products	182	401	531	583	623
Primary and fabricated metals	385	941	1,373	1,495	1,659
Machinery (except electrical)	420	927	1,463	1,626	1,805
Electrical machinery	387	731	1,004	1,106	1,198
Transportation equipment	485	1,204	2,240	2,560	2,941
Other products	599	983	1,386	1,548	1,789

*Data for a limited number of areas are available on request.

NOTE.—Detail may not add to totals because of rounding.
1. 1961, 1962 and 1963 data exclude Cuba. These investments were estimated at yearend 1960 at $111 million.

Table 7.—Net Capital Flows Between Primary and Secondary Foreign Affiliates, 1961–63

[Millions of dollars; net inflows (−)]

	1961	1962	1963
Canada	4		−4
Latin America	2	16	−1
Panama	10	13	14
Argentina	−6	−11	−14
Mexico	−4	11	−5
Europe		−22	24
France	−15	−14	−5
Germany	−8	−4	−20
Italy	−25	−21	−9
Switzerland	60	48	105
United Kingdom	−6	−9	−4
Other Europe	−6	−22	−43
Other countries	−6	6	−19

Foreign Investments in the U.S.

During 1963 foreign long-term investments in the United States rose by the very large amount of $2.6 billion. As shown in table 1, however, about $2 billion of this represented the gain in market value of U.S. corporate stocks held abroad, including securities in the portfolio of U.S. branches of foreign insurance companies. The year before, there had been sharp declines in values, following the market break in May 1962.

Foreign net purchases of U.S. equity securities have followed the course of the U.S. market quite closely: Net liquidations showed up quickly after May 1962, and net purchases again became evident in the last quarter of the year and throughout 1963. Net purchases in 1963 were about $200 million, which was below the peaks of over $300 million registered in 1959 and 1961, but above the $150 million annual average since 1951. In spite of the continued relatively strong performance of the U.S. stock market, however, there were net foreign sales of U.S. stocks amounting to nearly $100 million in the first half of 1964. Most of the selling was for British account.

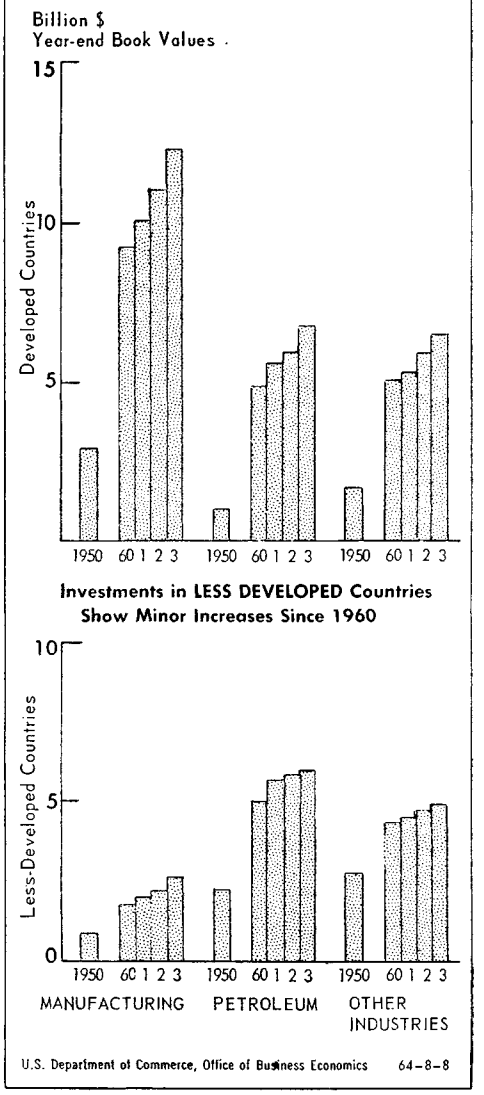
By the end of 1963 the aggregate market value of the U.S. corporate stocks held abroad was estimated at $12.5 billion, with the largest amounts recorded for Switzerland (nearly $4 billion), the United Kingdom (over $2½ billion), and Canada ($1½ billion). The actual owners, of course, are not necessarily in the countries of record.

Foreign direct investments

The value of foreign direct investments at the end of 1963 was a little less than $8 billion, an increase of $330 million over the previous year. This rise consisted of $235 million in undistributed profits of U.S. subsidiaries, a $100 million increase in the market value of securities held by insurance companies, and a small reduction from net capital outflows.

PROFILE OF U.S. DIRECT INVESTMENTS ABROAD

Growth Has Been Concentrated in DEVELOPED COUNTRIES, With Major Gains in Manufacturing and Petroleum



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In 1963 there was a net outflow of capital of $5 million from foreign-owned companies in the United States to their parents and affiliates abroad, as compared to a net inflow of $132 million in 1962. This development did not reflect a reduction of new investment activity in the form of initial investments in U.S. companies or additions to equity capital in existing companies. New investments in 1963 amounted to $150 million, considerably more than the $38 million for 1962 (table 9). About $90 million of this total was initial investments in U.S. companies and $60 million represented additional equity capital in existing companies.

The net outflow for 1963 was largely the result of activity in open accounts between U.S. companies and their parent organizations and affiliates abroad, which went from an inflow of $120 million in 1962 to an outflow of $80 million in 1963. These open account transactions fluctuate widely, especially for trading companies. About half of the outflow on intercompany account in 1963, or about $40 million, was accounted for by trading companies, and this was in large measure a repayment of $80 million of inflows by these companies in the previous year. The remainder of the 1963 capital outflow was accounted for by $77 million of liquidations of foreign investments, more than half of which resulted from the purchase of a Swiss-owned insurance company by a U.S. company through the exchange of stock.

Earnings of the foreign-controlled companies rose 18 percent in 1963 to $511 million. Of this amount companies engaged in petroleum and manufacturing accounted for $150 million and $200 million, respectively. Each showed considerable gain from the previous year, petroleum earnings rising about one-fifth and manufacturing one-third. The manufacturing companies raised their dividends in 1963, by an amount about equal to their increase in earnings, but for some time most of the petroleum earnings have remained undistributed as dividends.

Short-term investments

A further increase of $2.6 billion occurred in 1963 in foreign holdings of short-term assets in the United States and various types of U.S. Government obligations. Of this amount, about $2.2 billion represented liquid assets—largely deposits in U.S. banks, commercial paper held with banks, and marketable U.S. Government obligations, but including for 1963 an increase of $702 million in foreign holdings of nonmarketable U.S. Government obligations convertible into marketable obligations on short notice. It is this $2.2 billion, together with the change in our gold stock and monetary assets—a decrease of $400 million in 1963—that corresponds to a net decline in U.S. monetary liquidity of $2.6 billion

(*Continued on page 24*)

Table 8.—Direct Investment Receipts of Royalties and Fees,[1] by Areas and Major Industries, 1961–63

[Millions of dollars]

Area and industry	1961	1962	1963 p
All Areas, total	**448**	**548**	**622**
Petroleum	95	97	108
Manufacturing	240	303	346
Trade	47	56	65
Other industries	67	92	103
Canada, total	**102**	**114**	**119**
Petroleum	14	15	14
Manufacturing	66	77	83
Trade	9	7	6
Other industries	14	15	16
Latin America, total	**103**	**123**	**121**
Petroleum	24	27	27
Manufacturing	43	49	46
Trade	13	16	17
Other industries	24	31	31
Europe, total	**161**	**210**	**259**
Petroleum	21	19	18
Manufacturing	106	139	176
Trade	19	27	32
Other industries	16	25	32
Other areas, total	**82**	**101**	**124**
Petroleum	37	36	48
Manufacturing	25	38	42
Trade	6	6	9
Other industries	14	21	24

p Preliminary.

NOTE.—Detail may not add to totals because of roundings.

1. Excludes foreign film rentals.

Table 9.—Foreign Direct Investments in the United States—Capital Flow by Type, Area and Industry, 1962–63

[Millions of dollars: outflow (−)]

Area and industry	1962		1963			
	Total capital flow	New investments[1]	Total capital flow	Intercompany accounts	New investments[1]	Liquidations
All areas, total	**132**	**38**	**−5**	**−79**	**151**	**−77**
Canada	43	7	44	28	32	−17
United Kingdom	19	2	44	12	36	−5
Other Europe	43	27	−61	−75	62	−48
Belgium	5	3	−2	−2	------	------
France	7	14	−5	−5	1	−1
Germany	31	2	−9	−10	1	------
Italy	22	4	19	−6	25	------
Netherlands	−19	1	−35	−50	15	------
Sweden	1	(*)	(*)	(*)	------	------
Switzerland	−7	3	−32	−5	20	[2]−47
Other	3	------	3	3	------	------
Latin America	6	1	−24	−17	------	−7
Japan	24	------	−10	−31	21	------
Other areas	−3	------	3	3	------	------
All industries, total	**132**	**38**	**−5**	**−79**	**151**	**−77**
Petroleum	−22	------	−44	−60	20	−5
Manufacturing	41	27	42	−8	63	−14
Trade	83	4	−51	−39	3	−14
Insurance	36	------	−37	2	------	[3]−39
Other finance	11	6	37	9	30	−1
Other	−17	1	48	17	35	−5

* Less than $500,000.

1. "New investments" represents initial investments in U.S. companies or increase in equity capital of existing foreign-owned U.S. companies.

2. Primarily represents sale of a controlling interest in a U.S. company in exchange for a minority interest in the U.S. purchaser.

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

Table 10.—Foreign Direct Investments in the United States—Earnings, Income Paid Out, and Undistributed Profits, by Area and by Industry, 1962–63

[Millions of dollars]

Area and industry	1962			1963		
	Earnings	Income paid out	Undistributed subsidiary profits	Earnings	Income paid out	Undistributed subsidiary profits
Total	**432**	**258**	**214**	**511**	**298**	**236**
By Area						
Canada	147	105	56	177	128	66
United Kingdom	105	65	44	143	68	77
Other Europe	172	75	114	182	86	97
Other areas	10	13	1	9	16	−4
By Industry						
Petroleum	126	14	116	154	17	138
Manufacturing	146	76	88	197	122	86
Trade	19	8	15	10	6	7
Insurance	65	65	------	51	51	------
Other finance	75	82	−2	92	86	5
Other industries	(*)	13	−3	6	16	(*)

* Less than $500,000.

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

Table 11.—Value of Foreign Direct Investments in the United States by Area and Industry, 1950, 1960–63

[Millions of dollars]

Area and industry	1950	1960	1961	1962 r	1963 p
Total	**3,391**	**6,910**	**7,392**	**7,612**	**7,944**
By Area					
Canada	1,020	1,934	1,989	2,064	2,183
United Kingdom	1,168	2,248	2,484	2,474	2,665
Other Europe	1,059	2,459	2,644	2,771	2,826
Belgium	(1)	157	151	158	161
France	(1)	168	175	183	182
Germany	(1)	103	120	152	149
Italy	(1)	71	89	100	102
Netherlands	334	947	1,023	1,082	1,134
Sweden	(1)	166	176	179	185
Switzerland	348	773	830	836	825
Other countries	377	74	80	83	89
Japan	(2)	88	92	112	104
Other areas	134	181	182	190	165
By Industry					
Petroleum	405	1,238	1,325	1,419	1,513
Manufacturing	1,138	2,611	2,754	2,885	3,018
Transportation	(3)	408	405	404	406
Trade	(3)	634	652	750	706
Finance and insurance	1,065	1,810	2,025	1,943	[4]2,045
Other industries	784	209	231	212	257

r Revised. p Preliminary.

1. Included in other countries.

2. Included in other areas.

3. Included in other industries.

4. Includes approximately $100 million due to upward revaluation of securities held by insurance companies.

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

Personal Income by States and Regions in 1963

Analysis of Employment Changes by County

The Regional Economics Division of the Office of Business Economics has completed a statistical analysis of certain factors underlying the employment growth of 3,102 local areas (mostly counties) in the United States for the period 1940 to 1960. These analytical materials will be published within a few months. Meanwhile, because of the large number of requests which are being made for them, OBE is making the machine output available on a limited basis for immediate inspection. The tabulations may be examined in the Regional Economics Division of the Office of Business Economics, U.S. Department of Commerce, Washington, D.C.

THIS annual report presents OBE's detailed estimates of personal income in the various States and regions in 1963. Preliminary figures, together with a brief review of major developments last year, were published in the April issue of the SURVEY. That issue also carried a comprehensive review of geographic income changes since World War II. The 1963 estimates in that report were based on preliminary and incomplete source data and were presented in summary form with only total and per capita income shown for each State.

The 1963 income data in the following pages are revisions of the earlier aggregates, but more importantly, they include detailed breakdowns of the totals by industrial source and type of payment. Figures for 1961 and 1962 have also been revised, although the revisions are minor. They reflect the considerable amount of additional data which have become available since the estimates were first prepared, as well as adjustment to the revised national totals published in last month's SURVEY.

Table 1 shows total personal income by States from 1954 through 1963. Table 2 presents annual estimates of per capita income from 1950 forward. Comparable figures for earlier years back to 1929 may be found in "Personal Income by States Since 1929," a 1956 supplement to the SURVEY, which is available in libraries and which may still be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, or from the nearest Department of Commerce field office.

Disposable personal income

Table 3 contains estimates of total and per capita disposable income for selected years from 1929 through 1963. Such estimates for all years have not been made mainly because of data limitations. In this connection, however, it may be noted that the regional distributions of disposable income and personal income in any given year are quite similar, and that long-run geographic shifts in the two measures are much the same.

Tables 4–62a present a breakdown of personal income in each State and region by major source for the period 1961–63. This detail includes wage and salary disbursements classified into about 25 separate industries, proprietors' income subdivided into farm and nonfarm components, and totals for each of the other main types of personal income. An industrial breakdown of nonfarm proprietors' income is not provided in view of its questionable validity for separate analytical use, particularly with regard to year-to-year changes. Comparable data for 1929 through 1953 are contained in the Personal Income supplement noted above. Figures for 1954–56 may be found in the August 1959 issue of the SURVEY; for 1957, in the August 1960 SURVEY; for 1958, in the August 1961 SURVEY; for 1959, in the August 1962 SURVEY; and for 1960, in the August 1963 issue.

Income by industrial origin

Frequent requests are received for breakdowns of State personal income by industrial source. Available statistical data do not permit a complete allocation of total income to the industry of origin in each State. However, in addition to the considerable detail in tables 4–62a, some additional classifications of personal income by industrial origin have been prepared.

Thus, table 63 shows the amount of personal income received in each State directly from farming, government (separately for Federal and State and local), and private nonfarm pursuits. Separate focus on these three sectors

has been found essential for analysis of both the composition and movement of total personal income by States and regions.

Table 70 provides an industrial distribution for each State of a large segment of total personal income. This consists of the combined total of wage and salary disbursements, other labor income, and proprietors' income. These three flows together account for about four-fifths of the Nation's personal income and present a broad view of the industrial composition of each State's economy. Also, they represent the most comprehensive measure of current dollar production that has been constructed on a geographic basis.

Table 1.—Total Personal Income, by States and Regions, 1954–63

Table 2.—Per Capita Personal Income, by States and Regions, 1950–63

State and region	Table 1 (millions of dollars)										Table 2 (dollars)													
	1954	1955	1956	1957	1958	1959	1960 [1]	1961 [1]	1962 [1]	1963 [1]	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960 [1]	1961 [1]	1962 [1]	1963 [1]
United States	**285,339**	**306,598**	**330,380**	**348,724**	**357,498**	**381,326**	**399,028**	**415,182**	**439,977**	**461,610**	**1,491**	**1,649**	**1,727**	**1,788**	**1,770**	**1,866**	**1,975**	**2,048**	**2,064**	**2,163**	**2,217**	**2,268**	**2,368**	**2,449**
New England	**18,857**	**20,200**	**21,642**	**22,793**	**23,339**	**24,701**	**25,904**	**27,002**	**28,526**	**29,780**	**1,629**	**1,823**	**1,908**	**1,958**	**1,938**	**2,076**	**2,214**	**2,298**	**2,302**	**2,380**	**2,465**	**2,565**	**2,671**	**2,766**
Maine	1,312	1,452	1,532	1,590	1,654	1,717	1,820	1,842	1,918	1,971	1,193	1,300	1,427	1,431	1,431	1,575	1,644	1,686	1,748	1,792	1,871	1,866	1,961	2,007
New Hampshire	894	952	1,006	1,071	1,097	1,201	1,266	1,314	1,394	1,450	1,316	1,470	1,527	1,570	1,614	1,712	1,774	1,859	1,878	1,995	2,075	2,161	2,241	2,313
Vermont	543	567	606	628	649	697	734	754	794	827	1,188	1,328	1,396	1,434	1,448	1,528	1,612	1,666	1,708	1,806	1,892	1,948	2,052	2,121
Massachusetts	9,403	10,056	10,719	11,346	11,668	12,381	12,952	13,579	14,269	14,889	1,663	1,845	1,916	1,957	1,936	2,085	2,228	2,329	2,349	2,436	2,518	2,648	2,750	2,853
Rhode Island	1,515	1,617	1,677	1,694	1,738	1,832	1,875	1,941	2,082	2,153	1,652	1,815	1,846	1,898	1,854	1,960	1,989	1,984	2,021	2,145	2,193	2,262	2,371	2,433
Connecticut	5,190	5,556	6,102	6,464	6,533	6,873	7,257	7,572	8,069	8,490	1,900	2,200	2,322	2,400	2,351	2,489	2,716	2,813	2,720	2,755	2,858	2,958	3,074	3,185
Mideast	**73,231**	**78,014**	**84,058**	**88,586**	**90,029**	**96,100**	**99,666**	**103,329**	**108,889**	**113,617**	**1,759**	**1,914**	**1,994**	**2,076**	**2,051**	**2,153**	**2,302**	**2,406**	**2,407**	**2,524**	**2,583**	**2,646**	**2,741**	**2,829**
New York	34,189	36,508	39,023	41,190	42,061	45,197	46,837	48,633	51,243	53,361	1,882	2,002	2,079	2,147	2,161	2,270	2,420	2,542	2,564	2,720	2,778	2,829	2,929	3,013
New Jersey	11,622	12,351	13,379	14,205	14,404	15,499	16,193	17,060	18,073	18,861	1,790	2,000	2,114	2,216	2,214	2,304	2,429	2,535	2,495	2,601	2,663	2,751	2,813	2,915
Pennsylvania	19,572	20,706	22,410	23,525	23,582	24,757	25,539	25,954	27,015	28,017	1,566	1,734	1,795	1,902	1,813	1,915	2,065	2,149	2,133	2,204	2,256	2,283	2,373	2,452
Delaware	906	1,049	1,204	1,215	1,222	1,299	1,348	1,384	1,466	1,570	2,146	2,285	2,395	2,510	2,475	2,718	2,980	2,893	2,855	2,959	3,002	3,022	3,139	3,298
Maryland	5,084	5,453	5,998	6,381	6,641	7,133	7,453	7,942	8,555	9,163	1,580	1,767	1,884	1,967	1,924	1,952	2,103	2,220	2,233	2,338	2,398	2,524	2,646	2,786
District of Columbia	1,858	1,947	2,044	2,070	2,119	2,215	2,296	2,356	2,537	2,645	2,179	2,344	2,411	2,276	2,244	2,434	2,644	2,668	2,759	2,888	2,993	3,017	3,215	3,315
Great Lakes	**64,894**	**70,208**	**75,341**	**78,469**	**77,939**	**83,188**	**86,232**	**88,009**	**92,706**	**97,073**	**1,660**	**1,872**	**1,945**	**2,053**	**1,969**	**2,094**	**2,207**	**2,260**	**2,200**	**2,319**	**2,375**	**2,400**	**2,516**	**2,608**
Michigan	14,127	15,785	16,587	16,923	16,540	17,467	18,173	18,114	19,264	20,624	1,682	1,865	1,946	2,134	2,007	2,178	2,229	2,245	2,163	2,253	2,317	2,266	2,399	2,541
Ohio	17,241	18,589	19,901	20,906	20,494	21,977	22,722	23,086	24,215	25,164	1,612	1,867	1,954	2,018	1,924	2,061	2,153	2,253	2,159	2,286	2,331	2,331	2,412	2,474
Indiana	7,623	8,251	8,859	9,212	9,123	9,741	10,211	10,460	11,041	11,648	1,520	1,695	1,756	1,913	1,787	1,892	1,985	2,029	1,985	2,110	2,188	2,227	2,368	2,481
Illinois	19,751	20,968	22,857	23,941	24,100	25,693	26,564	27,478	28,895	30,020	1,826	2,035	2,095	2,197	2,174	2,272	2,440	2,505	2,451	2,576	2,636	2,724	2,861	2,948
Wisconsin	6,152	6,615	7,137	7,487	7,682	8,310	8,562	8,871	9,291	9,617	1,467	1,697	1,760	1,784	1,709	1,804	1,908	1,969	1,989	2,123	2,157	2,222	2,312	2,368
Plains	**24,084**	**24,683**	**26,200**	**28,099**	**29,551**	**30,481**	**32,086**	**33,168**	**35,262**	**36,534**	**1,411**	**1,530**	**1,607**	**1,614**	**1,656**	**1,664**	**1,743**	**1,856**	**1,954**	**1,995**	**2,081**	**2,135**	**2,265**	**2,332**
Minnesota	5,154	5,450	5,768	6,173	6,484	6,706	7,094	7,432	7,712	8,152	1,397	1,533	1,589	1,648	1,648	1,710	1,769	1,863	1,945	1,985	2,074	2,154	2,228	2,329
Iowa	4,489	4,260	4,572	5,110	5,245	5,412	5,580	5,810	6,075	6,399	1,449	1,554	1,625	1,559	1,706	1,587	1,682	1,864	1,921	1,972	2,022	2,088	2,190	2,302
Missouri	7,055	7,579	8,082	8,310	8,666	9,260	9,524	9,865	10,385	10,900	1,416	1,562	1,661	1,715	1,705	1,795	1,904	1,951	2,044	2,161	2,204	2,277	2,406	2,518
North Dakota	783	872	917	939	1,049	986	1,107	995	1,400	1,300	1,268	1,322	1,232	1,246	1,257	1,389	1,458	1,493	1,692	1,573	1,749	1,550	2,212	2,050
South Dakota	910	861	926	1,091	1,124	1,027	1,266	1,275	1,460	1,390	1,216	1,416	1,244	1,345	1,375	1,279	1,356	1,600	1,675	1,513	1,845	1,824	2,025	1,886
Nebraska	2,259	2,203	2,294	2,638	2,736	2,788	3,025	3,096	3,319	3,376	1,472	1,556	1,670	1,605	1,700	1,620	1,650	1,892	1,977	1,989	2,129	2,161	2,295	2,312
Kansas	3,434	3,458	3,641	3,838	4,247	4,302	4,490	4,695	4,911	5,017	1,380	1,515	1,715	1,637	1,691	1,662	1,725	1,809	1,984	1,990	2,060	2,139	2,217	2,255
Southeast	**43,148**	**47,154**	**50,971**	**53,790**	**56,102**	**59,965**	**62,268**	**65,452**	**69,922**	**74,360**	**1,011**	**1,127**	**1,194**	**1,237**	**1,232**	**1,323**	**1,402**	**1,446**	**1,485**	**1,565**	**1,601**	**1,654**	**1,738**	**1,820**
Virginia	5,256	5,603	6,094	6,386	6,641	7,043	7,379	7,760	8,399	8,907	1,234	1,393	1,475	1,484	1,509	1,571	1,647	1,671	1,702	1,793	1,852	1,886	1,977	2,057
West Virginia	2,414	2,586	2,878	3,082	2,974	3,060	3,099	3,125	3,224	3,348	1,098	1,221	1,290	1,307	1,253	1,356	1,521	1,636	1,582	1,635	1,676	1,727	1,795	1,883
Kentucky	3,627	3,782	4,022	4,203	4,347	4,563	4,672	5,007	5,283	5,545	958	1,121	1,203	1,250	1,246	1,297	1,385	1,429	1,453	1,514	1,536	1,635	1,713	1,792
Tennessee	4,056	4,347	4,652	4,864	5,016	5,346	5,494	5,844	6,184	6,588	995	1,080	1,132	1,218	1,206	1,270	1,351	1,401	1,433	1,507	1,539	1,622	1,693	1,783
North Carolina	5,023	5,535	5,902	5,976	6,300	6,716	7,138	7,617	8,177	8,601	1,012	1,115	1,152	1,172	1,200	1,285	1,348	1,345	1,416	1,492	1,562	1,635	1,738	1,807
South Carolina	2,414	2,604	2,711	2,818	2,931	3,142	3,300	3,472	3,745	3,944	882	1,046	1,117	1,141	1,081	1,147	1,182	1,210	1,249	1,327	1,379	1,438	1,530	1,588
Georgia	4,414	4,918	5,274	5,432	5,676	6,079	6,368	6,599	7,145	7,715	1,017	1,141	1,201	1,239	1,209	1,332	1,402	1,418	1,469	1,558	1,609	1,642	1,750	1,864
Florida	5,312	6,088	6,979	7,763	8,481	9,384	9,843	10,319	11,221	11,933	1,287	1,375	1,457	1,535	1,534	1,659	1,771	1,829	1,855	1,959	1,967	1,969	2,065	2,111
Alabama	3,258	3,708	3,932	4,206	4,382	4,617	4,789	4,947	5,164	5,538	869	986	1,044	1,084	1,068	1,199	1,258	1,325	1,360	1,425	1,462	1,487	1,557	1,655
Mississippi	1,836	2,065	2,097	2,116	2,281	2,490	2,552	2,751	2,906	3,183	733	793	855	886	883	994	989	992	1,075	1,152	1,168	1,240	1,285	1,390
Louisiana	3,756	3,985	4,424	4,884	4,929	5,165	5,240	5,396	5,692	6,072	1,087	1,173	1,243	1,295	1,301	1,357	1,461	1,565	1,560	1,611	1,608	1,630	1,689	1,776
Arkansas	1,782	1,933	2,006	2,060	2,144	2,360	2,394	2,615	2,782	2,986	807	905	965	995	1,001	1,087	1,136	1,148	1,209	1,327	1,338	1,450	1,510	1,607
Southwest	**19,136**	**20,513**	**22,105**	**23,697**	**24,869**	**26,328**	**27,190**	**28,786**	**30,181**	**31,502**	**1,288**	**1,419**	**1,499**	**1,529**	**1,553**	**1,615**	**1,702**	**1,772**	**1,819**	**1,889**	**1,906**	**1,955**	**2,005**	**2,047**
Oklahoma	3,162	3,341	3,572	3,730	3,942	4,083	4,305	4,502	4,675	4,858	1,146	1,283	1,402	1,476	1,466	1,528	1,595	1,641	1,736	1,774	1,840	1,881	1,910	1,953
Texas	13,391	14,380	15,422	16,556	17,165	18,132	18,486	19,569	20,437	21,351	1,339	1,453	1,523	1,549	1,585	1,645	1,732	1,815	1,843	1,918	1,917	1,973	2,019	2,068
New Mexico	1,088	1,159	1,257	1,401	1,558	1,688	1,730	1,795	1,888	1,953	1,162	1,290	1,345	1,361	1,388	1,434	1,527	1,610	1,723	1,819	1,806	1,820	1,894	1,918
Arizona	1,495	1,633	1,854	2,010	2,204	2,425	2,669	2,920	3,181	3,340	1,295	1,561	1,655	1,610	1,604	1,696	1,816	1,806	1,868	1,934	2,013	2,048	2,141	2,142
Rocky Mountain	**6,174**	**6,670**	**7,285**	**7,830**	**8,207**	**8,627**	**9,072**	**9,539**	**10,336**	**10,667**	**1,425**	**1,643**	**1,699**	**1,667**	**1,632**	**1,701**	**1,793**	**1,884**	**1,965**	**2,028**	**2,083**	**2,117**	**2,257**	**2,269**
Montana	1,071	1,158	1,229	1,280	1,338	1,328	1,363	1,345	1,558	1,553	1,600	1,771	1,786	1,798	1,747	1,862	1,902	1,934	2,015	1,991	2,004	1,924	2,235	2,197
Idaho	880	917	1,024	1,072	1,121	1,180	1,184	1,242	1,351	1,366	1,279	1,446	1,574	1,499	1,494	1,518	1,654	1,678	1,738	1,793	1,765	1,810	1,930	1,916
Wyoming	537	570	614	650	688	720	765	773	810	834	1,623	1,884	1,828	1,854	1,790	1,810	1,913	2,012	2,137	2,215	2,284	2,280	2,440	2,475
Colorado	2,543	2,783	3,064	3,367	3,550	3,769	4,039	4,340	4,618	4,831	1,444	1,720	1,791	1,714	1,673	1,758	1,851	1,989	2,101	2,182	2,283	2,357	2,440	2,464
Utah	1,143	1,242	1,354	1,461	1,510	1,630	1,721	1,839	1,999	2,083	1,282	1,458	1,504	1,526	1,500	1,556	1,645	1,743	1,766	1,859	1,910	1,956	2,087	2,119
Far West	**35,815**	**39,156**	**42,778**	**45,460**	**47,462**	**51,936**	**54,557**	**57,748**	**61,907**	**65,706**	**1,788**	**1,975**	**2,068**	**2,103**	**2,089**	**2,210**	**2,326**	**2,397**	**2,430**	**2,572**	**2,625**	**2,691**	**2,789**	**2,878**
Washington	4,956	5,211	5,502	5,832	5,977	6,372	6,597	6,946	7,426	7,575	1,671	1,816	1,909	1,965	1,952	1,981	2,046	2,128	2,148	2,257	2,300	2,355	2,467	2,484
Oregon	2,919	3,139	3,398	3,400	3,556	3,845	3,962	4,083	4,324	4,568	1,606	1,757	1,827	1,808	1,767	1,857	1,969	1,960	2,050	2,190	2,225	2,298	2,393	2,502
Nevada	508	582	605	646	688	759	815	911	1,104	1,246	1,938	2,183	2,365	2,357	2,363	2,425	2,420	2,514	2,586	2,720	2,791	2,874	3,154	3,386
California	27,432	30,224	33,273	35,582	37,241	40,960	43,183	45,808	49,053	52,317	1,839	2,037	2,129	2,165	2,154	2,297	2,424	2,500	2,526	2,671	2,725	2,791	2,881	2,974
Alaska	*493*	*500*	*548*	*537*	*526*	*555*	632	628	661	704	*2,231*	*2,629*	*2,487*	*2,387*	*2,272*	*2,283*	*2,491*	*2,397*	*2,469*	*2,522*	2,760	2,672	2,731	2,839
Hawaii	*893*	*952*	*1,024*	*1,098*	*1,158*	*1,290*	1,421	1,521	1,587	1,667	*1,403*	*1,589*	*1,745*	*1,782*	*1,768*	*1,789*	*1,862*	*1,916*	*1,946*	*2,118*	2,274	2,358	2,394	2,462

1. Total incudes Alaska and Hawaii 1960–63 but not in earlier years.

Tables 63–70 of the Personal Income supplement present comparable data on the industrial breakdown of personal income for selected years since 1929. Each August issue of the SURVEY has carried these two tables in terms of the current year. Because of data revisions, the industrial breakdowns by State after 1950, shown in tables 63 and 70 of both the 1956 Personal Income supplement and August issues of the SURVEY from 1957 through 1963, are not strictly comparable with the correspondingly numbered tables in this issue. Comparable figures have been prepared for 1957 to serve as an intermediate benchmark between 1950 and 1963. They are available on request.

Table 3.—Total and Per Capita Disposable Personal Income, by States and Regions, Selected Years 1929–63

	Total (millions of dollars)										Per capita (dollars)									
	1929	1940	1946	1950	1953	1955	1957	1959	1961	1963	1929	1940	1946	1950	1953	1955	1957	1959	1961	1963
United States	**83,020**	**75,924**	**157,003**	**204,729**	**247,752**	**271,240**	**306,510**	**334,935**	**362,517**	**400,284**	**682**	**575**	**1,116**	**1,354**	**1,565**	**1,651**	**1,800**	**1,900**	**1,981**	**2,123**
New England	**6,901**	**6,169**	**10,874**	**13,769**	**16,306**	**17,789**	**19,971**	**21,613**	**23,479**	**25,742**	**849**	**730**	**1,221**	**1,477**	**1,707**	**1,828**	**2,013**	**2,083**	**2,230**	**2,391**
Maine	467	432	859	1,012	1,165	1,333	1,433	1,557	1,647	1,745	586	509	1,029	1,111	1,284	1,446	1,520	1,625	1,669	1,777
New Hampshire	315	275	515	644	756	851	943	1,062	1,151	1,264	675	559	1,040	1,213	1,377	1,531	1,637	1,764	1,893	2,016
Vermont	220	178	333	416	487	512	557	616	663	727	613	490	974	1,103	1,288	1,380	1,477	1,596	1,713	1,864
Massachusetts	3,724	3,261	5,562	6,996	8,096	8,811	9,928	10,793	11,801	12,829	881	755	1,226	1,492	1,697	1,827	2,038	2,123	2,301	2,459
Rhode Island	577	515	951	1,170	1,359	1,431	1,496	1,620	1,694	1,879	844	716	1,204	1,502	1,670	1,735	1,752	1,897	1,974	2,123
Connecticut	1,598	1,508	2,654	3,531	4,443	4,851	5,614	5,965	6,523	7,298	1,003	883	1,389	1,738	2,084	2,173	2,443	2,391	2,548	2,737
Mideast	**26,361**	**22,952**	**41,246**	**53,327**	**62,559**	**67,981**	**76,818**	**83,121**	**88,747**	**96,896**	**934**	**757**	**1,320**	**1,578**	**1,789**	**1,876**	**2,086**	**2,183**	**2,267**	**2,412**
New York	13,381	11,142	19,645	24,938	28,371	31,495	35,426	38,688	41,146	44,920	1,099	828	1,462	1,673	1,831	1,959	2,186	2,328	2,393	2,537
New Jersey	3,593	3,325	6,129	7,899	9,968	10,928	12,491	13,604	14,844	16,310	901	796	1,360	1,625	1,936	2,038	2,229	2,283	2,394	2,521
Pennsylvania	7,332	6,199	11,213	14,991	17,584	18,272	20,543	21,673	22,701	24,268	754	626	1,135	1,425	1,660	1,690	1,877	1,929	1,997	2,124
Delaware	222	232	383	565	695	834	1,008	1,085	1,150	1,288	941	862	1,277	1,760	1,991	2,161	2,400	2,472	2,511	2,706
Maryland	1,230	1,265	2,554	3,335	4,303	4,742	5,556	6,191	6,903	7,886	759	688	1,147	1,404	1,683	1,697	1,933	2,029	2,194	2,398
District of Columbia	603	789	1,322	1,599	1,638	1,710	1,794	1,880	2,003	2,224	1,248	1,143	1,480	1,964	1,976	2,138	2,312	2,451	2,565	2,787
Great Lakes	**19,636**	**17,310**	**34,245**	**46,020**	**57,194**	**61,871**	**68,647**	**73,150**	**76,996**	**84,173**	**780**	**648**	**1,205**	**1,505**	**1,786**	**1,846**	**1,977**	**2,039**	**2,100**	**2,261**
Michigan	3,673	3,502	6,938	9,776	12,540	13,873	14,781	15,383	15,873	17,939	766	659	1,181	1,523	1,843	1,914	1,961	1,984	1,986	2,210
Ohio	5,037	4,475	8,822	11,711	15,023	16,348	18,301	19,333	20,203	21,840	760	646	1,174	1,464	1,751	1,812	1,972	2,011	2,040	2,147
Indiana	1,934	1,854	3,998	5,515	7,132	7,388	8,155	8,651	9,259	10,222	600	540	1,080	1,395	1,703	1,694	1,796	1,874	1,972	2,178
Illinois	7,050	5,804	11,039	14,438	17,059	18,466	20,884	22,527	23,947	25,951	927	734	1,352	1,649	1,906	2,001	2,185	2,259	2,374	2,549
Wisconsin	1,942	1,675	3,448	4,580	5,440	5,796	6,526	7,256	7,714	8,221	662	533	1,088	1,328	1,553	1,581	1,716	1,853	1,932	2,024
Plains	**7,402**	**6,336**	**13,950**	**18,192**	**20,485**	**22,108**	**25,087**	**27,080**	**29,248**	**32,056**	**558**	**469**	**1,058**	**1,293**	**1,427**	**1,490**	**1,657**	**1,772**	**1,883**	**2,046**
Minnesota	1,494	1,422	2,898	3,787	4,439	4,819	5,430	5,880	6,475	7,040	581	510	1,059	1,264	1,449	1,512	1,639	1,741	1,876	2,011
Iowa	1,385	1,236	2,737	3,494	3,668	3,831	4,595	4,823	5,146	5,659	563	487	1,109	1,333	1,391	1,427	1,676	1,757	1,849	2,036
Missouri	2,221	1,928	4,045	5,233	6,148	6,772	7,375	8,214	8,686	9,541	613	509	1,076	1,326	1,506	1,604	1,732	1,916	2,005	2,204
North Dakota	247	218	545	718	694	802	840	881	892	1,174	366	341	956	1,166	1,121	1,277	1,335	1,405	1,389	1,852
South Dakota	281	224	595	742	807	795	1,001	933	1,159	1,257	407	349	1,012	1,138	1,232	1,181	1,468	1,374	1,658	1,706
Nebraska	797	564	1,307	1,803	1,868	1,989	2,406	2,504	2,738	2,994	580	429	1,041	1,362	1,424	1,462	1,726	1,786	1,911	2,051
Kansas	977	744	1,823	2,415	2,861	3,100	3,440	3,845	4,152	4,391	523	416	1,011	1,261	1,441	1,490	1,621	1,778	1,892	1,973
Southeast	**9,785**	**10,094**	**24,826**	**31,722**	**39,001**	**42,902**	**48,184**	**53,663**	**58,357**	**65,757**	**360**	**333**	**782**	**938**	**1,118**	**1,204**	**1,296**	**1,401**	**1,474**	**1,610**
Virginia	1,032	1,232	3,080	3,699	4,639	5,025	5,622	6,198	6,793	7,733	426	453	914	1,134	1,319	1,409	1,471	1,578	1,651	1,785
West Virginia	782	758	1,558	2,057	2,313	2,354	2,753	2,745	2,780	2,962	455	397	852	1,025	1,187	1,234	1,461	1,466	1,537	1,666
Kentucky	1,000	893	2,060	2,612	3,260	3,400	3,705	4,059	4,460	4,875	384	312	747	883	1,118	1,166	1,260	1,347	1,457	1,575
Tennessee	963	970	2,428	3,056	3,664	3,970	4,391	4,807	5,227	5,782	370	330	789	925	1,102	1,160	1,265	1,355	1,450	1,565
North Carolina	1,021	1,134	2,971	3,832	4,435	5,079	5,410	6,052	6,832	7,627	326	317	797	944	1,064	1,179	1,218	1,344	1,466	1,602
South Carolina	462	572	1,387	1,749	2,331	2,403	2,568	2,844	3,128	3,523	266	301	713	825	1,046	1,059	1,103	1,201	1,295	1,419
Georgia	998	1,031	2,508	3,255	4,052	4,494	4,890	5,459	5,878	6,830	344	331	771	943	1,125	1,217	1,276	1,399	1,463	1,650
Florida	727	937	2,517	3,329	4,496	5,471	6,875	8,358	9,140	10,536	503	489	1,018	1,180	1,369	1,491	1,620	1,745	1,744	1,864
Alabama	839	782	1,994	2,471	3,037	3,387	3,784	4,142	4,424	4,917	317	275	686	808	984	1,095	1,192	1,278	1,330	1,469
Mississippi	561	464	1,181	1,511	1,764	1,937	1,947	2,280	2,516	2,895	281	213	570	697	828	933	913	1,055	1,134	1,264
Louisiana	848	834	1,910	2,706	3,343	3,595	4,357	4,573	4,806	5,402	407	352	752	1,002	1,164	1,224	1,396	1,426	1,452	1,580
Arkansas	552	487	1,232	1,445	1,667	1,787	1,882	2,146	2,373	2,675	298	249	683	758	916	1,004	1,048	1,206	1,315	1,440
Southwest	**4,169**	**3,985**	**9,588**	**13,388**	**16,532**	**18,405**	**21,023**	**23,400**	**25,427**	**27,663**	**464**	**407**	**912**	**1,176**	**1,354**	**1,449**	**1,572**	**1,679**	**1,727**	**1,798**
Oklahoma	1,056	844	1,831	2,293	2,811	3,008	3,303	3,618	3,965	4,272	445	363	859	1,046	1,313	1,376	1,453	1,572	1,656	1,718
Texas	2,699	2,708	6,688	9,459	11,499	12,893	14,707	16,143	17,293	18,738	468	421	929	1,221	1,369	1,475	1,613	1,708	1,743	1,815
New Mexico	167	193	464	736	937	1,039	1,239	1,499	1,589	1,715	398	363	826	1,071	1,209	1,286	1,424	1,615	1,612	1,685
Arizona	247	240	605	900	1,285	1,465	1,774	2,140	2,580	2,938	574	481	979	1,190	1,436	1,521	1,594	1,707	1,809	1,885
Rocky Mountain	**1,575**	**1,552**	**3,364**	**4,584**	**5,433**	**5,941**	**6,945**	**7,609**	**8,345**	**9,315**	**581**	**515**	**1,082**	**1,304**	**1,470**	**1,515**	**1,671**	**1,789**	**1,852**	**1,981**
Montana	305	311	601	884	975	1,041	1,140	1,174	1,187	1,379	582	557	1,169	1,478	1,604	1,674	1,722	1,760	1,698	1,950
Idaho	219	236	543	694	790	826	958	1,042	1,089	1,194	490	452	1,067	1,172	1,341	1,368	1,499	1,584	1,587	1,675
Wyoming	148	148	309	435	479	507	573	635	682	728	664	592	1,221	1,490	1,624	1,610	1,774	1,954	2,012	2,166
Colorado	625	595	1,268	1,744	2,167	2,449	2,969	3,312	3,767	4,184	620	527	1,060	1,304	1,490	1,547	1,754	1,918	2,046	2,134
Utah	278	262	643	827	1,022	1,118	1,305	1,446	1,620	1,830	547	475	1,008	1,188	1,364	1,401	1,557	1,649	1,723	1,862
Far West	**7,191**	**7,526**	**18,910**	**23,727**	**30,242**	**34,243**	**39,835**	**45,299**	**50,078**	**56,649**	**885**	**761**	**1,399**	**1,608**	**1,821**	**1,933**	**2,100**	**2,243**	**2,334**	**2,481**
Washington	1,138	1,124	2,882	3,631	4,277	4,631	5,161	5,603	6,067	6,544	732	646	1,253	1,522	1,721	1,761	1,884	1,985	2,057	2,146
Oregon	627	658	1,666	2,205	2,537	2,750	2,955	3,302	3,519	3,918	662	606	1,241	1,439	1,563	1,627	1,703	1,880	1,980	2,146
Nevada	77	95	209	276	382	495	550	658	774	1,082	856	841	1,441	1,704	1,949	2,062	2,140	2,358	2,442	2,940
California	5,349	5,649	14,153	17,615	23,046	26,367	31,169	35,736	39,718	45,105	967	813	1,455	1,650	1,873	2,004	2,190	2,331	2,420	2,564
Alaska	------	------	------	------	------	------	*485*	*497*	552	613	------	------	------	------	------	------	*2,165*	*2,280*	2,349	2,472
Hawaii	------	*239*	*639*	*622*	*783*	*851*	*961*	*1,122*	1,288	1,420	------	*561*	*1,166*	*1,267*	*1,569*	*1,600*	*1,677*	*1,842*	1,997	2,097

1. Total includes Alaska and Hawaii 1961 and 1963 but not in earlier years.

Tables 4–27.—Personal Income

[Millions of dollars]

Line	Item	Table 4.—United States			Table 5.—New England			Table 6.—Maine			Table 7.—New Hampshire			Table 8.—Vermont		
		1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963
1	**Personal income**	**415,182**	**439,977**	**461,610**	**27,002**	**28,526**	**29,780**	**1,842**	**1,918**	**1,971**	**1,314**	**1,394**	**1,450**	**754**	**794**	**827**
2	**Wage and salary disbursements**	**276,417**	**294,695**	**309,721**	**18,469**	**19,516**	**20,293**	**1,206**	**1,255**	**1,292**	**894**	**954**	**989**	**461**	**489**	**511**
3	Farms	3,070	3,013	2,958	112	109	108	25	26	26	7	7	7	14	12	13
4	Mining	3,740	3,763	3,798	28	28	28	2	2	2	1	1	1	6	6	6
4a	Anthracite	62	56	58												
5	Bituminous and other soft coal mining	783	775	785												
6	Crude petroleum and natural gas	1,744	1,769	1,783	1	1	1									
7	Mining and quarrying, except fuel	1,151	1,163	1,172	27	28	28	2	2	2	1	1	1	6	6	6
8	Contract construction	15,877	16,903	17,827	904	972	1,025	61	62	59	47	52	51	27	28	30
9	Manufacturing	87,469	94,174	98,042	7,282	7,719	7,813	419	444	450	360	385	384	148	163	164
10	Wholesale and retail trade	49,997	52,852	55,720	3,116	3,285	3,463	201	206	214	129	138	147	77	82	87
11	Finance, insurance, and real estate	13,454	14,183	14,969	983	1,027	1,081	41	43	45	33	35	37	18	20	21
12	Banking and other finance	5,862	6,125	6,450	362	374	392	18	19	20	12	13	14	8	8	8
13	Insurance and real estate	7,592	8,058	8,519	621	653	689	22	24	25	21	22	24	11	12	13
14	Transportation	14,396	14,992	15,398	583	600	612	52	51	52	25	26	27	22	20	20
15	Railroads	5,200	5,244	5,207	153	144	142	24	23	24	7	7	7	12	10	9
16	Highway freight and warehousing	4,733	5,104	5,413	256	277	292	18	19	20	12	13	14	8	9	10
17	Other transportation	4,463	4,644	4,778	175	178	179	10	9	8	5	6	6	2	2	2
18	Communications and public utilities	8,464	8,790	9,175	539	560	581	38	39	41	28	29	28	15	15	16
19	Telephone, telegraph, and other communications	4,620	4,808	5,017	299	312	323	22	23	23	15	16	16	9	8	9
20	Electric, gas, and other public utilities	3,844	3,982	4,158	240	248	258	16	17	18	13	13	12	7	7	7
21	Services	29,900	32,253	34,361	2,093	2,264	2,425	101	107	111	96	105	113	56	63	72
22	Hotels and other lodging places	1,572	1,649	1,724	88	92	95	10	10	10	9	10	10	6	7	8
23	Personal services and private households	6,702	6,909	7,047	428	442	447	29	28	27	18	18	19	12	13	13
24	Business and repair services	5,532	6,179	6,629	358	410	453	6	9	9	9	11	13	2	3	6
25	Amusement and recreation	2,144	2,231	2,322	89	94	100	3	4	4	7	7	8	3	3	5
26	Professional, social, and related services	13,950	15,285	16,639	1,129	1,226	1,330	53	57	62	54	59	64	34	37	41
27	Government	49,405	53,101	56,783	2,771	2,894	3,093	259	267	284	168	176	192	76	79	81
28	Federal, civilian	13,750	14,515	15,560	689	703	756	68	69	73	53	55	59	17	17	19
29	Federal, military	8,187	8,823	8,967	485	495	480	73	73	75	40	42	43	4	5	4
30	State and local	27,468	29,763	32,256	1,598	1,696	1,857	118	124	136	76	78	90	54	57	58
31	Other industries	645	671	690	58	56	62	9	9	10	1	1	1	1	1	1
32	**Other labor income**	**11,587**	**12,299**	**13,098**	**744**	**787**	**822**	**38**	**40**	**42**	**33**	**35**	**36**	**19**	**20**	**21**
33	**Proprietors' income**	**48,220**	**49,822**	**50,638**	**2,074**	**2,138**	**2,178**	**208**	**212**	**203**	**118**	**120**	**119**	**113**	**108**	**107**
34	Farm	12,927	13,220	13,028	148	140	121	39	38	31	10	8	4	39	30	25
35	Nonfarm	35,293	36,602	37,610	1,925	1,998	2,057	168	173	172	107	112	115	74	77	82
36	**Property income**	**54,925**	**58,772**	**63,251**	**3,860**	**4,167**	**4,490**	**253**	**271**	**292**	**183**	**196**	**213**	**105**	**120**	**130**
37	**Transfer payments**	**33,606**	**34,674**	**36,687**	**2,460**	**2,561**	**2,734**	**180**	**185**	**193**	**114**	**118**	**127**	**73**	**75**	**80**
38	**Less: Personal contributions for social insurance**	**9,573**	**10,285**	**11,785**	**604**	**644**	**738**	**43**	**45**	**51**	**28**	**30**	**34**	**17**	**18**	**21**

[Millions of dollars]

Line	Item	Table 16.—Delaware			Table 17.—Maryland			Table 18.—District of Columbia			Table 19.—Great Lakes			Table 20.—Michigan		
		1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963
1	**Personal income**	**1,384**	**1,466**	**1,570**	**7,942**	**8,555**	**9,163**	**2,356**	**2,537**	**2,645**	**88,009**	**92,706**	**97,073**	**18,114**	**19,264**	**20,624**
2	**Wage and salary disbursements**	**872**	**918**	**993**	**5,680**	**6,133**	**6,612**	**1,526**	**1,646**	**1,695**	**59,997**	**63,848**	**67,085**	**12,432**	**13,490**	**14,584**
3	Farms	9	9	8	28	29	28				336	333	335	71	68	70
4	Mining	(3)	(3)	(3)	13	14	15				416	422	424	86	83	83
5	Bituminous and other soft coal mining				1	1	1				134	137	138	(3)	(3)	
6	Crude petroleum and natural gas	(3)	(3)	(3)	(3)	(3)					97	99	99	12	10	10
7	Mining and quarrying, except fuel	(3)	(3)	(3)	12	13	14				185	186	187	74	73	73
8	Contract construction	66	66	74	350	395	418	52	60	63	3,114	3,130	3,301	538	540	617
9	Manufacturing	386	410	445	1,366	1,448	1,501	40	43	45	25,268	27,504	28,888	5,773	6,484	7,037
10	Wholesale and retail trade	114	121	132	959	1,017	1,084	182	196	205	10,326	10,817	11,340	1,948	2,051	2,196
11	Finance, insurance, and real estate	31	32	34	253	269	290	50	55	59	2,460	2,562	2,672	406	418	439
12	Banking and other finance	17	17	18	94	97	104	18	19	20	1,043	1,088	1,135	186	190	203
13	Insurance and real estate	15	16	16	158	172	187	32	36	38	1,417	1,474	1,537	220	228	236
14	Transportation	42	40	41	293	313	314	50	53	54	3,002	3,132	3,230	428	453	471
15	Railroads	15	15	15	116	113	113	24	24	25	1,225	1,236	1,234	129	133	134
16	Highway freight and warehousing	11	13	14	81	89	93	7	7	7	1,211	1,305	1,381	220	238	253
17	Other transportation	16	12	12	96	111	108	20	21	21	566	591	616	79	81	84
18	Communications and public utilities	19	19	21	166	177	189	36	40	44	1,715	1,764	1,822	374	381	397
19	Telephone, telegraph, and other communications.	8	9	9	88	94	102	22	26	29	849	873	899	177	179	187
20	Electric, gas, and other public utilities	11	10	12	78	83	88	13	14	15	866	891	923	197	202	210
21	Services	82	89	94	629	719	809	250	278	268	5,421	5,778	6,153	1,069	1,156	1,249
22	Hotels and other lodging places	3	3	3	25	26	28	13	14	15	242	249	256	37	38	38
23	Personal services and private households	26	27	28	169	176	180	67	69	70	1,081	1,096	1,121	219	225	232
24	Business and repair services	12	14	15	101	138	162	29	32	34	942	1,016	1,086	172	191	213
25	Amusement and recreation	5	6	6	36	38	40	6	6	6	300	307	321	60	60	64
26	Professional, social, and related services	36	40	42	298	340	398	135	157	143	2,856	3,109	3,368	581	642	702
27	Government	120	130	142	1,606	1,734	1,946	860	917	954	7,859	8,318	8,831	1,727	1,846	2,013
28	Federal, civilian	21	22	23	840	912	1,049	691	740	760	1,649	1,743	1,836	255	281	292
29	Federal, military	33	35	38	252	267	291	77	82	89	667	703	661	134	147	144
30	State and local	66	73	81	514	556	606	92	94	105	5,544	5,871	6,334	1,338	1,417	1,577
31	Other industries	1	1	1	18	17	17	4	4	4	81	89	89	11	11	11
32	**Other labor income**	**49**	**52**	**58**	**204**	**217**	**235**	**38**	**42**	**44**	**2,906**	**3,078**	**3,263**	**666**	**732**	**795**
33	**Proprietors' income**	**102**	**106**	**103**	**645**	**688**	**700**	**194**	**201**	**207**	**9,076**	**9,238**	**9,375**	**1,670**	**1,674**	**1,745**
34	Farm	26	29	22	76	72	59				2,307	2,251	2,210	300	266	275
35	Nonfarm	76	77	81	568	616	642	194	201	207	6,768	6,986	7,166	1,370	1,408	1,470
36	**Property income**	**312**	**341**	**369**	**1,036**	**1,113**	**1,203**	**395**	**423**	**456**	**11,195**	**11,820**	**12,678**	**2,296**	**2,403**	**2,513**
37	**Transfer payments**	**71**	**74**	**76**	**593**	**643**	**693**	**302**	**327**	**356**	**6,751**	**6,774**	**7,020**	**1,416**	**1,362**	**1,394**
38	**Less: Personal contributions for social insurance**	**23**	**24**	**29**	**217**	**239**	**279**	**99**	**101**	**114**	**1,916**	**2,052**	**2,349**	**367**	**397**	**467**

by Major Sources, 1961–63

[Millions of dollars]

Table 9.—Massachusetts			Table 10.—Rhode Island			Table 11.—Connecticut			Table 12.—Mideast			Table 13.—New York			Table 14.—New Jersey			Table 15.—Pennsylvania			Line
1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	
13,579	**14,269**	**14,889**	**1,941**	**2,082**	**2,153**	**7,572**	**8,069**	**8,490**	**103,329**	**108,889**	**113,617**	**48,633**	**51,243**	**53,361**	**17,060**	**18,073**	**18,861**	**25,954**	**27,015**	**28,017**	1
9,290	**9,756**	**10,113**	**1,356**	**1,444**	**1,481**	**5,262**	**5,618**	**5,907**	**70,617**	**74,549**	**77,448**	**32,827**	**34,543**	**35,705**	**12,090**	**12,836**	**13,377**	**17,621**	**18,473**	**19,066**	2
31	30	30	3	3	3	32	31	29	279	265	251	121	111	102	45	46	47	76	70	65	3
12	12	12	1	1	1	6	6	6	369	372	379	63	67	69	20	24	26	272	266	268	4
------	------	------	------	------	------	------	------	------	62	56	58	------	------	------	------	------	------	62	56	58	4a
------	------	------	------	------	------	------	------	------	153	151	149	1	1	1	------	------	------	150	148	147	5
1	1	1	------	------	------	------	------	------	26	30	31	8	10	11	------	1	(3)	18	19	19	6
11	11	12	1	1	1	6	6	6	128	136	141	54	56	57	20	24	26	42	43	44	7
415	440	472	67	72	77	288	319	337	3,628	3,969	4,075	1,649	1,844	1,853	688	740	764	824	864	903	8
3,431	3,591	3,565	506	536	536	2,418	2,601	2,714	23,501	24,738	25,269	9,568	9,950	10,081	4,860	5,189	5,301	7,280	7,698	7,896	9
1,664	1,747	1,845	221	234	246	826	878	925	12,911	13,463	14,081	6,770	7,078	7,368	2,004	2,108	2,237	2,881	2,943	3,054	10
511	535	561	63	65	69	316	330	348	4,193	4,343	4,517	2,584	2,670	2,761	539	560	590	736	756	783	11
204	213	222	23	23	24	97	99	103	1,914	1,949	2,008	1,261	1,280	1,308	201	206	217	323	329	341	12
308	323	340	40	42	44	220	231	244	2,279	2,395	2,509	1,323	1,390	1,453	338	354	373	413	427	441	13
307	319	324	40	43	44	137	141	145	3,715	3,853	3,928	1,669	1,704	1,722	660	708	735	999	1,036	1,062	14
70	67	66	7	7	7	31	30	29	1,077	1,073	1,052	350	349	342	127	126	123	446	446	435	15
133	145	152	20	23	24	64	69	72	1,071	1,144	1,218	401	417	442	269	293	313	302	325	349	16
104	107	105	13	13	13	41	42	44	1,566	1,636	1,658	919	938	939	264	288	299	251	266	279	17
274	285	296	40	41	42	145	152	157	2,264	2,338	2,435	1,104	1,140	1,185	361	370	386	577	591	610	18
155	163	169	19	20	20	79	83	86	1,294	1,334	1,392	727	748	783	186	190	198	263	268	271	19
118	122	128	20	21	22	66	68	72	969	1,003	1,044	377	392	402	175	180	188	314	324	338	20
1,186	1,283	1,373	126	135	144	528	571	612	8,551	9,174	9,715	4,520	4,808	5,080	1,340	1,442	1,525	1,729	1,838	1,940	21
43	44	45	4	4	4	17	18	18	426	441	459	259	267	281	48	51	52	78	80	79	22
217	223	224	31	32	33	122	129	131	1,833	1,872	1,898	895	918	931	303	298	305	372	384	384	23
247	284	314	15	16	16	78	88	96	1,920	2,116	2,224	1,134	1,218	1,268	390	441	449	254	273	296	24
44	46	47	7	8	8	25	26	28	575	603	636	378	397	422	71	75	77	79	81	83	25
635	687	742	69	75	82	285	310	339	3,797	4,142	4,498	1,855	2,007	2,177	527	578	641	946	1,020	1,097	26
1,430	1,485	1,602	286	312	316	553	576	618	11,089	11,914	12,677	4,724	5,117	5,429	1,555	1,630	1,748	2,223	2,386	2,458	27
390	394	424	75	77	81	86	90	100	3,742	3,958	4,209	1,049	1,077	1,157	376	393	410	764	814	810	28
209	210	195	92	102	99	66	63	64	1,040	1,097	1,084	289	311	291	237	244	232	152	158	143	29
830	881	983	119	133	136	401	423	454	6,306	6,859	7,384	3,386	3,729	3,981	942	993	1,106	1,306	1,414	1,505	30
30	29	33	3	3	3	14	13	14	118	120	121	53	55	55	18	18	18	25	25	26	31
376	**398**	**412**	**55**	**57**	**60**	**224**	**236**	**252**	**3,043**	**3,154**	**3,338**	**1,302**	**1,348**	**1,437**	**562**	**591**	**618**	**888**	**904**	**946**	32
938	**970**	**998**	**131**	**133**	**136**	**566**	**595**	**615**	**8,757**	**8,845**	**9,077**	**4,220**	**4,267**	**4,384**	**1,473**	**1,530**	**1,551**	**2,123**	**2,052**	**2,132**	33
31	34	30	3	3	3	26	26	28	722	576	625	286	228	271	86	73	63	249	174	210	34
907	936	968	128	130	133	541	569	586	8,035	8,269	8,453	3,935	4,039	4,113	1,388	1,457	1,488	1,874	1,879	1,923	35
1,868	**1,964**	**2,112**	**260**	**306**	**330**	**1,191**	**1,309**	**1,412**	**15,039**	**16,354**	**17,646**	**7,661**	**8,397**	**9,084**	**2,125**	**2,281**	**2,456**	**3,510**	**3,799**	**4,079**	36
1,416	**1,508**	**1,626**	**192**	**196**	**208**	**485**	**479**	**502**	**8,262**	**8,522**	**8,997**	**3,711**	**3,826**	**4,050**	**1,181**	**1,239**	**1,320**	**2,404**	**2,412**	**2,501**	37
308	**326**	**373**	**52**	**55**	**62**	**156**	**169**	**197**	**2,389**	**2,533**	**2,887**	**1,088**	**1,139**	**1,297**	**371**	**403**	**461**	**591**	**626**	**707**	38

[Millions of dollars]

Table 21.—Ohio			Table 22.—Indiana			Table 23.—Illinois			Table 24.—Wisconsin			Table 25.—Plains			Table 26.—Minnesota			Table 27.—Iowa			Line
1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	
23,086	**24,215**	**25,164**	**10,460**	**11,041**	**11,648**	**27,478**	**28,895**	**30,020**	**8,871**	**9,291**	**9,617**	**33,168**	**35,262**	**36,534**	**7,432**	**7,712**	**8,152**	**5,810**	**6,075**	**6,399**	1
15,908	**16,825**	**17,490**	**7,104**	**7,631**	**8,082**	**18,818**	**19,811**	**20,561**	**5,735**	**6,092**	**6,367**	**19,725**	**20,914**	**21,852**	**4,636**	**4,926**	**5,126**	**3,104**	**3,262**	**3,431**	2
59	61	61	46	44	47	98	100	97	62	60	61	326	344	323	59	64	59	74	84	81	3
108	115	119	52	53	53	150	152	153	20	19	16	254	253	248	93	94	87	14	16	16	4
50	51	53	23	22	21	62	64	64	------	------	------	10	11	11	------	------	------	1	2	2	5
25	29	30	8	8	8	52	51	51	------	------	------	82	79	78	(3)	(3)	(3)	(3)	(3)	(3)	6
33	35	36	22	22	24	37	37	38	20	19	16	162	163	159	93	94	87	13	15	14	7
756	780	822	352	346	385	1,132	1,128	1,123	336	336	354	1,314	1,393	1,435	310	326	331	184	178	197	8
7,038	7,557	7,883	3,265	3,614	3,792	6,747	7,199	7,430	2,445	2,651	2,746	5,155	5,523	5,786	1,250	1,360	1,413	919	962	1,029	9
2,653	2,784	2,852	1,141	1,213	1,288	3,620	3,763	3,955	963	1,005	1,050	4,072	4,274	4,486	961	1,004	1,048	644	672	703	10
586	616	639	270	281	294	984	1,025	1,064	212	222	236	974	1,036	1,087	237	252	262	150	156	166	11
252	267	275	117	121	130	399	419	432	89	91	95	438	471	495	108	116	120	66	68	72	12
335	349	364	153	160	164	585	606	632	123	132	141	535	564	591	129	136	142	84	89	94	13
839	866	887	363	371	378	1,126	1,185	1,230	246	257	264	1,387	1,430	1,444	311	324	323	169	172	177	14
340	342	337	168	168	164	500	507	511	89	86	88	728	730	725	164	164	159	97	96	97	15
326	350	372	146	158	169	411	442	466	108	116	121	412	443	458	75	81	84	57	60	64	16
173	174	179	50	45	45	215	236	254	49	54	54	247	256	261	72	80	80	16	15	15	17
433	446	460	202	206	214	540	555	569	167	175	182	676	700	725	142	148	153	112	113	115	18
218	225	233	92	94	96	284	291	298	78	84	85	347	359	368	71	73	75	54	54	54	19
215	221	228	109	112	118	256	264	272	89	92	96	328	341	357	72	75	78	58	59	60	20
1,365	1,440	1,528	499	536	573	1,995	2,121	2,235	492	525	568	2,038	2,188	2,306	513	552	582	311	335	351	21
54	55	56	24	25	26	103	107	110	24	24	26	96	99	106	25	26	28	13	13	13	22
297	302	307	116	120	123	356	355	362	94	95	97	390	401	407	76	78	79	62	65	66	23
220	233	250	63	72	78	420	451	472	66	70	74	269	298	319	66	73	78	34	40	45	24
87	88	90	25	26	28	104	107	112	24	25	27	99	102	105	22	22	22	15	16	16	25
707	761	825	272	294	318	1,012	1,100	1,178	284	311	344	1,185	1,287	1,370	324	353	376	187	202	212	26
2,044	2,132	2,214	901	952	1,041	2,403	2,554	2,679	784	834	884	3,493	3,734	3,971	749	791	856	518	564	587	27
543	569	577	187	197	214	551	578	626	113	118	127	813	851	929	139	146	163	104	110	120	28
152	161	152	66	72	64	269	275	257	46	48	44	504	542	537	43	47	43	24	26	23	29
1,349	1,402	1,485	648	683	763	1,583	1,700	1,796	626	668	713	2,176	2,342	2,505	567	599	650	391	428	444	30
26	28	26	13	15	18	25	27	26	7	7	7	36	39	40	10	10	11	10	10	11	31
815	**857**	**903**	**378**	**394**	**416**	**795**	**827**	**869**	**252**	**268**	**280**	**749**	**815**	**864**	**178**	**194**	**207**	**116**	**123**	**130**	32
2,093	**2,122**	**2,159**	**1,270**	**1,290**	**1,347**	**2,850**	**2,942**	**2,972**	**1,193**	**1,209**	**1,152**	**6,353**	**6,936**	**6,874**	**1,214**	**1,142**	**1,287**	**1,434**	**1,479**	**1,563**	23
380	349	350	472	463	490	711	747	744	444	427	351	2,962	3,440	3,331	525	435	574	779	810	879	34
1,712	1,773	1,809	798	827	857	2,139	2,196	2,228	749	783	801	3,390	3,496	3,544	689	706	713	654	668	684	35
2,973	**3,186**	**3,411**	**1,159**	**1,199**	**1,287**	**3,571**	**3,802**	**4,086**	**1,196**	**1,230**	**1,321**	**4,418**	**4,641**	**4,975**	**957**	**999**	**1,071**	**818**	**864**	**926**	36
1,832	**1,796**	**1,843**	**767**	**763**	**787**	**2,057**	**2,166**	**2,274**	**680**	**688**	**722**	**2,654**	**2,737**	**2,859**	**605**	**618**	**648**	**454**	**468**	**485**	37
534	**570**	**642**	**218**	**235**	**272**	**614**	**653**	**743**	**184**	**197**	**225**	**730**	**782**	**890**	**157**	**167**	**187**	**114**	**121**	**136**	38

Tables 28–51.—Personal Income

[Millions of dollars]

Line	Item	Table 28.—Missouri			Table 29.—North Dakota			Table 30.—South Dakota			Table 31.—Nebraska			Table 32.—Kansas		
		1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963
1	**Personal income**	**9,865**	**10,385**	**10,960**	**995**	**1,400**	**1,300**	**1,275**	**1,460**	**1,390**	**3,096**	**3,319**	**3,376**	**4,695**	**4,911**	**5,017**
2	**Wage and salary disbursements**	**6,313**	**6,683**	**7,083**	**579**	**638**	**675**	**645**	**703**	**697**	**1,761**	**1,853**	**1,910**	**2,687**	**2,850**	**2,930**
3	Farms	51	55	52	27	31	27	22	23	22	52	46	44	41	41	40
4	Mining	36	35	37	10	9	9	12	13	14	12	11	10	76	75	74
5	Bituminous and other soft coal mining	5	6	5	2	2	2							2	2	2
6	Crude petroleum and natural gas	1	1	1	7	6	6	(3)	(3)	(3)	7	6	5	67	66	66
7	Mining and quarrying, except fuel	29	28	31	1	1	1	12	13	14	5	5	5	8	7	6
8	Contract construction	361	387	443	52	69	67	87	94	68	139	141	141	182	197	187
9	Manufacturing	1,941	2,088	2,220	26	27	36	68	70	71	320	338	338	630	679	681
10	Wholesale and retail trade	1,326	1,370	1,452	142	156	162	144	159	161	373	398	418	481	515	543
11	Finance, insurance, and real estate	326	351	368	26	28	31	26	28	30	106	114	117	102	107	113
12	Banking and other finance	142	158	116	13	14	15	15	16	17	42	44	46	54	56	60
13	Insurance and real estate	184	192	202	14	15	16	12	12	13	65	69	71	48	52	54
14	Transportation	478	488	498	45	46	47	31	37	33	142	146	146	210	216	221
15	Railroads	193	193	192	34	34	34	12	12	12	84	85	85	145	146	146
16	Highway freight and warehousing	171	179	186	9	10	10	15	22	17	39	41	41	46	51	56
17	Other transportation	114	115	120	3	3	3	3	4	4	19	20	20	20	19	19
18	Communications and public utilities	223	233	243	24	25	27	25	26	27	56	59	62	94	96	99
19	Telephone, telegraph, and other communications	115	120	124	14	14	15	13	13	14	40	42	43	42	43	43
20	Electric, gas, and other public utilities	108	113	119	11	11	12	12	12	13	17	18	19	51	53	56
21	Services	649	687	728	70	73	77	65	75	76	182	198	205	249	268	286
22	Hotels and other lodging places	33	34	35	4	4	4	3	4	4	9	10	11	9	10	11
23	Personal services and private households	138	140	143	10	10	11	12	12	12	33	35	36	58	61	61
24	Business and repair services	105	114	125	4	4	5	4	7	4	26	29	28	29	31	35
25	Amusement and recreation	35	36	37	2	2	2	4	4	4	9	9	9	13	14	14
26	Professional, social, and related services	338	364	388	49	52	55	42	49	53	105	115	121	141	153	166
27	Government	914	982	1,034	156	172	192	164	176	195	375	398	426	618	651	681
28	Federal, civilian	274	289	318	32	36	39	50	52	55	89	91	97	126	128	137
29	Federal, military	143	148	138	33	41	48	23	26	32	76	85	93	163	168	160
30	State and local	497	545	578	91	96	105	91	98	108	211	222	236	329	355	384
31	Other industries	8	9	9	1	1	1	1	1	1	3	3	4	4	4	4
32	**Other labor income**	**252**	**274**	**292**	**19**	**21**	**22**	**20**	**23**	**25**	**56**	**61**	**63**	**109**	**119**	**125**
33	**Proprietors' income**	**1,422**	**1,465**	**1,463**	**202**	**542**	**395**	**382**	**500**	**421**	**696**	**800**	**766**	**1,004**	**1,008**	**980**
34	Farm	513	529	495	81	416	267	217	327	263	352	444	408	496	479	445
35	Nonfarm	909	936	968	121	126	128	166	174	158	344	356	358	508	530	535
36	**Property income**	**1,280**	**1,355**	**1,456**	**128**	**130**	**140**	**162**	**167**	**179**	**436**	**452**	**483**	**638**	**674**	**720**
37	**Transfer payments**	**824**	**852**	**889**	**90**	**92**	**95**	**99**	**104**	**109**	**219**	**231**	**241**	**362**	**373**	**392**
38	**Less: Personal contributions for social insurance**	**227**	**243**	**283**	**22**	**23**	**26**	**33**	**37**	**41**	**72**	**77**	**87**	**105**	**114**	**129**

[Millions of dollars]

Line	Item	Table 40.—Georgia			Table 41.—Florida			Table 42.—Alabama			Table 43.—Mississippi			Table 44.—Louisiana		
		1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963
1	**Personal income**	**6,599**	**7,145**	**7,715**	**10,319**	**11,221**	**11,933**	**4,947**	**5,164**	**5,538**	**2,751**	**2,906**	**3,183**	**5,396**	**5,692**	**6,072**
2	**Wage and salary disbursements**	**4,507**	**4,956**	**5,348**	**6,197**	**6,767**	**7,199**	**3,324**	**3,510**	**3,745**	**1,599**	**1,743**	**1,858**	**3,517**	**3,739**	**3,982**
3	Farms	60	57	60	118	122	121	34	33	32	52	51	52	48	45	49
4	Mining	23	24	24	38	40	42	58	51	46	29	29	31	260	270	278
5	Bituminous and other soft coal mining							36	31	29						
6	Crude petroleum and natural gas	(2)	(3)	(3)	2	3	4	2	2	2	25	26	28	241	250	258
7	Mining and quarrying, except fuel	22	23	24	36	37	38	20	17	14	3	4	4	20	20	20
8	Contract construction	204	236	258	497	535	570	164	163	181	89	93	107	238	248	269
9	Manufacturing	1,256	1,401	1,525	961	1,054	1,109	985	1,084	1,148	403	460	500	662	707	780
10	Wholesale and retail trade	856	928	1,004	1,375	1,555	1,631	524	554	588	263	285	303	650	689	734
11	Finance, insurance, and real estate	234	255	276	403	436	462	143	150	161	66	70	76	156	162	173
12	Banking and other finance	98	109	118	153	160	172	52	55	60	32	33	35	70	73	78
13	Insurance and real estate	136	146	158	250	275	289	90	94	101	34	37	40	86	89	95
14	Transportation	260	278	288	328	332	342	146	151	161	64	70	74	245	250	259
15	Railroads	103	106	102	85	87	77	61	63	64	30	31	31	66	66	64
16	Highway freight and warehousing	86	96	104	70	77	82	47	50	56	22	24	26	49	52	57
17	Other transportation	71	75	82	174	169	184	38	38	41	12	15	17	130	132	138
18	Communications and public utilities	136	142	155	180	195	208	102	104	109	56	58	61	134	137	142
19	Telephone, telegraph, and other communications	80	84	92	117	130	137	48	50	52	26	28	30	57	58	62
20	Electric, gas, and other public utilities	56	58	63	63	66	71	54	54	57	30	31	32	77	78	81
21	Services	415	453	468	868	976	1,038	324	335	366	160	173	185	401	429	458
22	Hotels and other lodging places	19	20	21	103	108	112	11	11	12	9	10	11	19	20	20
23	Personal services and private households	160	167	172	265	276	283	115	118	119	68	70	70	124	128	127
24	Business and repair services	62	70	74	119	153	149	65	59	73	16	18	21	58	64	74
25	Amusement and recreation	21	22	23	60	67	70	11	11	11	6	6	6	19	20	21
26	Professional, social, and related services	154	174	178	321	371	424	122	136	152	62	70	77	181	198	216
27	Government	1,034	1,153	1,260	1,393	1,483	1,635	840	879	946	409	445	462	712	791	825
28	Federal, civilian	315	341	374	301	320	346	388	401	425	91	95	105	128	142	154
29	Federal, military	295	343	397	356	367	413	119	125	125	111	125	118	114	163	159
30	State and local	424	468	489	736	797	876	334	353	396	207	225	239	471	485	512
31	Other industries	30	30	31	37	39	39	5	5	6	8	8	9	12	13	15
32	**Other labor income**	**150**	**165**	**183**	**192**	**210**	**227**	**144**	**150**	**160**	**62**	**68**	**76**	**164**	**172**	**186**
33	**Proprietors' income**	**868**	**889**	**979**	**1,419**	**1,474**	**1,506**	**662**	**658**	**738**	**618**	**594**	**723**	**674**	**690**	**755**
34	Farm	275	253	313	413	397	404	225	212	272	328	288	404	195	193	240
35	Nonfarm	593	636	666	1,006	1,077	1,102	437	446	466	290	305	319	479	497	514
36	**Property income**	**687**	**744**	**806**	**1,751**	**1,950**	**2,117**	**482**	**498**	**538**	**258**	**284**	**304**	**636**	**680**	**730**
37	**Transfer payments**	**537**	**556**	**591**	**967**	**1,047**	**1,142**	**465**	**492**	**519**	**281**	**288**	**306**	**519**	**533**	**560**
38	**Less: Personal contributions for social insurance**	**151**	**166**	**192**	**206**	**226**	**258**	**130**	**143**	**162**	**68**	**73**	**85**	**114**	**122**	**141**

by Major Sources, 1961–63

[Millions of dollars]

Table 33.—Southeast			Table 34.—Virginia			Table 35.—West Virginia			Table 36.—Kentucky			Table 37.—Tennessee			Table 38.—North Carolina			Table 39.—South Carolina			Line
1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1962	1962	1963	1961	1962	1963	
65,452	**69,922**	**74,360**	**7,760**	**8,399**	**8,967**	**3,125**	**3,224**	**3,348**	**5,007**	**5,283**	**5,545**	**5,844**	**6,184**	**6,588**	**7,617**	**8,177**	**8,601**	**3,472**	**3,745**	**3,944**	1
42,682	**46,171**	**49,250**	**5,652**	**6,140**	**6,620**	**2,080**	**2,150**	**2,242**	**3,079**	**3,348**	**3,547**	**3,864**	**4,157**	**4,454**	**4,990**	**5,424**	**5,753**	**2,398**	**2,618**	**2,758**	2
680	670	700	63	59	61	12	10	9	42	43	49	41	38	44	92	90	104	44	41	38	3
949	958	982	65	66	70	269	270	280	135	136	140	27	28	29	17	17	14	5	5	5	4
453	446	460	51	52	54	249	246	257	107	108	110	9	9	8	------	------	------	------	------	------	5
317	328	338	1	(3)	1	17	19	17	17	16	16	(3)	(3)	(3)	------	------	------	------	------	------	6
179	183	184	13	14	16	3	5	6	10	12	14	19	19	21	17	17	14	5	5	5	7
2,452	2,676	2,917	334	374	428	94	94	99	177	216	232	206	218	236	239	254	279	119	134	138	8
11,398	12,527	13,348	1,190	1,317	1,376	666	703	736	889	970	1,038	1,312	1,435	1,534	1,808	1,982	2,088	896	997	1,053	9
7,467	8,078	8,595	893	961	1,028	300	306	321	500	530	567	707	753	804	814	881	934	328	357	376	10
1,921	2,062	2,216	226	250	275	60	61	64	105	111	119	180	192	205	196	210	227	100	106	112	11
780	834	900	84	96	103	26	26	27	49	52	56	70	74	79	86	92	100	35	38	41	12
1,141	1,228	1,316	142	154	172	34	35	36	55	59	64	110	118	126	110	119	127	65	68	71	13
2,264	2,361	2,468	311	315	331	143	147	151	180	191	201	202	213	225	224	244	260	65	70	74	14
894	919	917	126	131	134	94	95	95	102	107	112	82	85	89	66	68	69	24	24	25	15
704	773	837	83	89	96	30	34	36	48	54	58	86	94	101	126	140	152	26	29	32	16
667	669	714	102	94	101	19	19	20	30	30	21	33	34	34	32	36	40	15	16	16	17
1,260	1,320	1,379	146	155	164	99	101	97	95	99	103	82	84	88	121	130	131	54	57	60	18
673	714	747	86	92	99	32	33	28	43	44	47	66	68	70	65	72	72	30	32	34	19
587	605	632	60	63	65	67	68	69	52	54	56	16	17	18	56	57	59	24	25	26	20
4,341	4,729	5,097	539	598	674	153	163	170	286	306	330	392	422	447	451	488	538	214	234	256	21
262	276	291	30	31	34	9	10	10	12	13	13	15	16	18	18	19	21	8	9	10	22
1,431	1,486	1,515	162	171	178	38	38	38	76	79	82	123	125	128	173	181	185	82	84	85	23
628	722	825	99	115	141	17	19	20	31	33	36	63	72	81	51	59	83	33	41	50	24
215	233	242	23	26	26	11	11	12	18	19	20	16	16	17	17	19	20	7	8	8	25
1,806	2,012	2,224	225	255	297	79	85	89	149	163	179	175	192	203	192	210	229	84	92	104	26
9,809	10,645	11,395	1,867	2,027	2,195	284	293	314	666	741	761	711	769	837	1,017	1,116	1,164	571	613	642	27
2,920	3,126	3,371	875	963	1,036	61	59	65	163	174	179	220	233	255	161	169	185	134	144	153	28
2,392	2,648	2,782	508	539	587	15	15	13	197	215	213	94	101	99	310	351	355	218	223	233	29
4,497	4,871	5,242	484	526	572	208	220	236	307	352	369	397	435	483	546	596	624	218	246	256	30
141	147	152	18	18	18	2	2	2	5	5	5	4	4	4	11	12	12	4	4	4	31
1,660	**1,797**	**1,938**	**184**	**207**	**224**	**154**	**155**	**163**	**145**	**156**	**169**	**156**	**168**	**180**	**168**	**190**	**204**	**79**	**88**	**93**	32
9,161	**9,358**	**9,816**	**777**	**830**	**774**	**273**	**274**	**271**	**780**	**816**	**846**	**796**	**790**	**831**	**1,262**	**1,368**	**1,304**	**454**	**469**	**483**	33
3,470	3,353	3,581	206	215	121	42	35	29	372	382	398	285	262	282	604	615	581	176	174	180	34
5,691	6,005	6,235	572	615	653	231	239	242	408	434	448	511	528	548	658	693	722	278	295	303	35
7,579	**8,163**	**8,806**	**864**	**931**	**1,004**	**337**	**356**	**378**	**533**	**562**	**603**	**643**	**681**	**732**	**773**	**817**	**885**	**347**	**371**	**400**	36
5,870	**6,070**	**6,438**	**521**	**552**	**589**	**351**	**363**	**378**	**590**	**532**	**533**	**515**	**528**	**554**	**573**	**600**	**644**	**264**	**276**	**298**	37
1,501	**1,639**	**1,889**	**238**	**262**	**304**	**69**	**74**	**84**	**120**	**132**	**153**	**130**	**140**	**163**	**149**	**163**	**188**	**70**	**76**	**88**	38

[Millions of dollars]

Table 45.—Arkansas			Table 46.—Southwest			Table 47.—Oklahoma			Table 48.—Texas			Table 49.—New Mexico			Table 50.—Arizona			Table 51.—Rocky Mountains			Line
1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	
2,615	**2,782**	**2,986**	**28,786**	**30,181**	**31,502**	**4,502**	**4,675**	**4,858**	**19,569**	**20,437**	**21,351**	**1,795**	**1,888**	**1,953**	**2,920**	**3,181**	**3,340**	**9,539**	**10,336**	**10,667**	1
1,474	**1,619**	**1,744**	**18,400**	**19,533**	**20,488**	**2,701**	**2,883**	**3,012**	**12,561**	**13,262**	**13,934**	**1,222**	**1,290**	**1,334**	**1,917**	**2,098**	**2,208**	**6,200**	**6,619**	**6,918**	2
76	79	81	430	418	382	41	37	34	302	302	270	26	25	24	60	54	54	156	154	153	3
24	23	23	1,182	1,195	1,192	262	264	265	708	718	720	105	104	96	107	110	109	282	269	274	4
1	1	1	4	4	4	3	3	2	------	------	------	1	1	2	------	------	------	25	22	20	5
13	12	12	976	988	991	251	252	254	671	683	684	54	54	52	------	------	(3)	94	91	88	6
10	11	11	202	202	196	8	9	9	37	35	36	50	49	42	107	110	109	163	156	165	7
91	110	119	1,239	1,301	1,327	162	178	186	762	788	833	95	95	101	219	240	207	524	556	533	8
371	418	462	3,275	3,523	3,713	405	440	462	2,506	2,673	2,814	85	96	94	278	314	344	1,083	1,156	1,206	9
256	279	304	3,538	3,746	3,968	504	539	565	2,488	2,621	2,778	190	198	208	355	387	417	1,199	1,269	1,327	10
55	60	65	842	900	962	118	127	133	592	631	674	45	48	53	86	94	102	252	272	288	11
25	27	30	368	391	420	58	61	66	249	266	285	20	21	23	41	43	46	129	134	143	12
30	33	36	474	508	543	60	66	68	342	366	389	26	26	30	46	51	56	124	137	145	13
97	99	102	1,075	1,130	1,146	155	163	165	801	842	854	55	57	58	64	68	69	425	436	443	14
56	56	55	343	346	344	40	40	40	244	246	244	29	30	30	30	30	30	230	235	235	15
30	34	38	323	339	356	52	55	58	229	239	251	18	19	19	24	28	28	126	133	138	16
10	10	10	409	444	447	64	68	68	328	357	359	8	8	10	10	11	11	69	68	69	17
54	58	61	659	679	713	98	103	106	434	444	468	51	52	54	75	79	85	215	224	235	18
23	24	25	303	315	334	47	49	50	201	209	223	20	21	23	34	36	39	115	119	124	19
31	34	35	356	364	379	51	54	57	233	236	245	30	30	32	41	44	46	100	105	111	20
138	152	165	1,966	2,149	2,287	266	291	311	1,288	1,397	1,489	178	200	199	234	261	288	626	682	711	21
9	9	10	107	113	120	12	12	13	63	66	71	10	11	11	22	24	24	50	54	56	22
46	49	48	539	558	571	65	67	69	395	408	416	25	25	26	54	57	60	110	113	114	23
14	18	22	312	362	374	43	46	47	196	223	238	23	34	25	51	59	64	80	88	91	24
7	8	8	94	102	105	13	14	13	64	67	68	6	6	6	12	15	17	36	37	37	25
61	68	76	914	1,013	1,116	132	152	168	571	632	695	115	123	130	96	106	122	350	390	412	26
306	326	354	4,148	4,443	4,747	680	732	775	2,647	2,811	2,999	388	413	444	434	489	529	1,435	1,599	1,746	27
84	85	94	1,152	1,233	1,344	243	259	279	664	711	774	129	134	149	117	128	142	504	532	589	28
56	81	70	1,025	1,105	1,140	136	151	155	721	773	792	88	95	98	79	86	95	219	271	285	29
166	170	190	1,971	2,105	2,263	301	323	341	1,262	1,327	1,433	170	183	197	238	273	292	713	796	872	30
6	7	7	46	50	51	8	8	8	32	36	37	3	3	3	3	3	3	2	3	3	31
62	**67**	**73**	**761**	**814**	**870**	**114**	**120**	**127**	**544**	**577**	**619**	**41**	**46**	**47**	**62**	**71**	**77**	**229**	**248**	**262**	32
578	**567**	**606**	**4,572**	**4,492**	**4,447**	**790**	**750**	**742**	**3,052**	**2,983**	**2,940**	**274**	**275**	**278**	**456**	**483**	**487**	**1,404**	**1,606**	**1,515**	33
350	327	354	1,611	1,465	1,362	289	230	213	1,059	956	863	108	105	110	155	174	177	453	632	542	34
228	241	252	2,961	3,026	3,085	502	521	530	1,993	2,027	2,077	166	169	168	301	309	310	950	974	972	35
269	**289**	**311**	**3,641**	**3,859**	**4,145**	**581**	**595**	**637**	**2,542**	**2,693**	**2,892**	**174**	**192**	**207**	**344**	**379**	**409**	**1,224**	**1,366**	**1,472**	36
289	**301**	**324**	**2,049**	**2,176**	**2,338**	**425**	**445**	**475**	**1,288**	**1,376**	**1,478**	**127**	**131**	**139**	**210**	**226**	**247**	**734**	**763**	**804**	37
57	**62**	**72**	**639**	**692**	**787**	**109**	**117**	**135**	**417**	**453**	**512**	**43**	**46**	**51**	**69**	**76**	**88**	**250**	**266**	**304**	38

Tables 52–62A.—Personal Income by Major Sources 1961–63

[Millions of dollars]

Item	Table 52.—Montana			Table 53.—Idaho			Table 54.—Wyoming			Table 55.—Colorado			Table 56.—Utah			Table 57.—Far West		
	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963
Personal income	**1,345**	**1,558**	**1,553**	**1,242**	**1,351**	**1,366**	**773**	**810**	**834**	**4,340**	**4,618**	**4,831**	**1,839**	**1,999**	**2,083**	**57,748**	**61,907**	**65,706**
Wage and salary disbursements	**818**	**873**	**917**	**768**	**824**	**831**	**490**	**502**	**520**	**2,824**	**2,997**	**3,156**	**1,300**	**1,425**	**1,494**	**38,680**	**41,823**	**44,570**
Farms	29	30	30	42	41	44	17	17	17	54	52	47	14	14	14	681	652	640
Mining	38	38	42	20	19	20	55	54	59	85	76	76	84	82	77	250	254	262
Bituminous and other soft coal mining	1	1	(3)	------	------	------	2	2	1	8	8	8	14	11	11	1	1	1
Crude petroleum and natural gas	9	10	9	------	------	(3)	38	37	36	35	34	34	12	11	9	146	147	151
Mining and quarrying, except fuel	29	28	32	20	19	19	15	16	21	41	34	35	58	60	58	102	105	110
Contract construction	63	84	80	65	82	54	57	50	53	248	226	236	91	114	111	2,563	2,777	3,078
Manufacturing	106	116	122	150	158	166	38	41	40	515	538	560	274	302	318	10,366	11,344	11,873
Wholesale and retail trade	161	164	171	149	158	163	81	84	82	567	600	628	240	262	283	7,140	7,681	8,208
Finance, insurance, and real estate	30	30	31	26	28	30	16	16	17	129	144	154	52	54	56	1,778	1,921	2,081
Banking and other finance	16	17	18	14	15	16	8	9	9	64	68	72	26	26	28	803	853	925
Insurance and real estate	13	13	14	12	13	14	8	8	8	65	76	81	26	27	29	975	1,068	1,156
Transportation	77	78	78	51	53	54	55	55	56	160	165	167	82	85	88	1,872	1,973	2,046
Railroads	55	55	55	33	34	34	38	40	40	59	60	60	45	46	46	550	559	557
Highway freight and warehousing	14	14	15	14	15	16	11	10	9	60	65	68	27	29	31	616	674	717
Other transportation	8	8	8	4	4	5	6	5	6	40	40	38	10	10	12	706	740	772
Communications and public utilities	31	32	33	28	28	29	19	20	21	98	103	109	39	41	42	1,078	1,146	1,223
Telephone, telegraph, and other communications	17	17	17	14	14	14	8	9	9	54	57	61	21	22	23	698	742	789
Electric, gas, and other public utilities	14	15	16	14	14	15	10	11	12	43	46	48	18	19	20	380	405	433
Services	73	80	85	73	79	83	44	47	43	335	366	383	102	110	117	4,720	5,134	5,501
Hotels and other lodging places	8	9	9	4	5	5	8	8	9	24	26	27	7	7	7	280	302	318
Personal services and private households	12	12	12	13	13	12	7	7	7	60	62	62	19	20	20	868	914	945
Business and repair services	10	12	13	6	5	6	4	4	4	43	48	48	18	19	20	996	1,136	1,223
Amusement and recreation	4	3	3	4	4	4	2	2	2	19	20	20	7	8	8	726	744	766
Professional, social, and related services	40	44	48	46	52	56	23	26	22	189	211	226	51	56	61	1,848	2,039	2,249
Government	208	219	244	164	176	189	108	116	132	633	726	794	321	361	387	8,079	8,781	9,496
Federal, civilian	60	60	67	46	44	50	28	30	38	206	222	243	164	176	191	2,028	2,107	2,246
Federal, military	35	39	46	25	28	30	15	17	19	123	163	165	22	24	25	1,554	1,651	1,668
State and local	114	120	131	94	104	109	65	69	75	304	342	386	136	161	171	4,495	5,024	5,582
Other industries	(3)	(3)	(3)	1	1	1	------	------	------	1	1	1	(3)	(3)	(3)	153	159	162
Other labor income	**34**	**37**	**38**	**29**	**31**	**32**	**21**	**24**	**24**	**93**	**101**	**108**	**52**	**56**	**60**	**1,439**	**1,547**	**1,680**
Proprietors' income	**216**	**376**	**314**	**237**	**268**	**262**	**124**	**128**	**126**	**636**	**615**	**603**	**191**	**218**	**210**	**6,645**	**7,026**	**7,163**
Farm	87	242	181	104	126	128	55	62	61	175	154	134	32	48	38	1,240	1,349	1,242
Nonfarm	129	134	133	133	142	133	69	66	65	461	462	469	159	170	172	5,405	5,677	5,920
Property income	**188**	**184**	**196**	**133**	**152**	**164**	**107**	**124**	**134**	**566**	**672**	**727**	**230**	**234**	**252**	**7,750**	**8,172**	**8,793**
Transfer payments	**122**	**122**	**126**	**108**	**109**	**114**	**53**	**56**	**57**	**326**	**345**	**366**	**126**	**131**	**141**	**4,729**	**4,965**	**5,386**
Less: Personal contributions for social insurance	**33**	**34**	**38**	**31**	**32**	**37**	**22**	**23**	**26**	**105**	**112**	**129**	**59**	**64**	**74**	**1,495**	**1,626**	**1,885**

[Millions of dollars]

Item	Table 58.—Washington			Table 59.—Oregon			Table 60.—Nevada			Table 61.—California			Table 62.—Hawaii			Table 62A.—Alaska		
	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963	1961	1962	1963
Personal income	**6,946**	**7,426**	**7,575**	**4,083**	**4,324**	**4,568**	**911**	**1,104**	**1,246**	**45,808**	**49,053**	**52,317**	**1,521**	**1,587**	**1,667**	**628**	**661**	**704**
Wage and salary disbursements	**4,689**	**5,070**	**5,160**	**2,584**	**2,758**	**2,948**	**655**	**806**	**920**	**30,752**	**33,190**	**35,512**	**1,132**	**1,184**	**1,242**	**515**	**539**	**578**
Farms	74	70	74	55	59	58	8	9	9	544	514	499	70	68	66	(3)	(3)	(3)
Mining	12	13	13	6	7	8	20	20	21	212	215	220	1	(3)	(3)	10	10	10
Bituminous and other soft coal mining	1	1	1	------	------	------	------	------	------	------	------	------	------	------	------	2	2	2
Crude petroleum and natural gas	1	1	1	------	(3)	(3)	(3)	(3)	(3)	146	146	150	------	------	------	4	5	6
Mining and quarrying, except fuel	11	11	11	6	7	7	20	20	20	66	68	70	1	(3)	(3)	3	3	2
Contract construction	312	309	307	152	166	197	70	111	146	2,028	2,190	2,428	104	94	98	34	35	38
Manufacturing	1,327	1,479	1,486	742	783	826	31	34	39	8,267	9,048	9,521	113	115	120	28	25	26
Wholesale and retail trade	864	935	963	525	561	603	108	132	150	5,643	6,053	6,495	172	182	192	56	57	62
Finance, insurance, and real estate	194	212	223	105	112	120	19	24	34	1,460	1,573	1,704	42	48	51	10	12	14
Banking and other finance	82	87	92	50	52	56	9	11	14	662	704	763	20	24	26	5	6	7
Insurance and real estate	112	125	130	56	60	65	10	13	19	798	869	942	22	24	25	5	5	7
Transportation	271	284	294	167	176	184	37	40	43	1,398	1,473	1,526	44	47	49	29	30	31
Railroads	92	93	93	76	78	78	18	19	18	364	370	368	------	------	------	1	1	1
Highway freight and warehousing	71	79	81	58	64	69	10	11	12	478	520	555	8	8	8	7	7	8
Other transportation	108	113	120	34	34	37	9	11	12	556	583	603	36	39	40	22	22	22
Communications and public utilities	110	118	119	91	98	100	20	23	29	856	906	975	29	31	33	31	29	28
Telephone, telegraph, and other communications.	81	86	85	51	54	54	13	15	18	554	587	632	15	15	16	27	25	24
Electric, gas, and other public utilities	30	32	34	40	45	46	7	8	10	302	319	344	14	16	17	3	4	5
Services	403	449	451	247	266	283	206	265	281	3,864	4,154	4,486	112	122	129	32	36	37
Hotels and other lodging places	25	29	26	16	18	19	58	64	68	181	191	205	16	17	20	4	4	4
Personal services and private households	74	79	77	49	50	51	17	19	21	729	767	796	19	22	24	4	4	4
Business and repair services	66	73	69	37	41	45	23	53	43	870	969	1,066	18	20	20	9	12	12
Amusement and recreation	23	33	25	13	14	14	88	103	117	603	594	609	9	9	8	1	1	1
Professional, social, and related services	216	236	255	132	144	154	20	26	31	1,481	1,633	1,809	50	54	57	14	14	15
Government	1,100	1,179	1,203	488	523	565	135	147	170	6,356	6,933	7,558	442	475	502	279	299	325
Federal, civilian	320	307	321	125	130	144	37	41	46	1,547	1,630	1,735	148	152	160	105	110	120
Federal, military	247	273	245	33	34	35	34	35	37	1,241	1,309	1,351	180	192	203	120	121	127
State and local	534	599	637	329	360	386	64	71	87	3,568	3,994	4,472	114	131	139	54	68	78
Other industries	22	22	26	6	6	6	(3)	(3)	(3)	124	131	130	3	3	2	6	6	6
Other labor income	**166**	**183**	**195**	**101**	**108**	**114**	**22**	**23**	**27**	**1,150**	**1,232**	**1,343**	**42**	**43**	**43**	**15**	**16**	**18**
Proprietor's income	**811**	**868**	**836**	**615**	**647**	**656**	**97**	**124**	**137**	**5,122**	**5,388**	**5,533**	**132**	**132**	**140**	**47**	**51**	**52**
Farm	188	213	186	113	118	106	8	10	10	931	1,009	941	11	11	11	2	2	2
Nonfarm	623	655	650	502	529	551	89	114	127	4,191	4,379	4,592	121	121	129	45	49	50
Property income	**857**	**890**	**957**	**535**	**566**	**609**	**108**	**124**	**136**	**6,250**	**6,592**	**7,091**	**179**	**185**	**198**	**39**	**44**	**47**
Transfer payments	**588**	**593**	**626**	**356**	**360**	**375**	**50**	**51**	**57**	**3,735**	**3,961**	**4,329**	**70**	**78**	**83**	**28**	**28**	**28**
Less: Personal contributions for social insurance.	**166**	**177**	**199**	**107**	**115**	**134**	**21**	**24**	**30**	**1,201**	**1,309**	**1,522**	**33**	**35**	**39**	**16**	**17**	**18**

1. Data for 1929–53 are published in "Personal Income by States Since 1929," *A Supplement to the Survey of Current Business;* for 1954–56 in August 1959 *Survey;* for 1957 in August 1960 *Survey;* for 1958 in August 1961 *Survey;* for 1959 in August 1962 *Survey;* and for 1960 in August 1962 *Survey*.
2. Totals include Alaska and Hawaii from 1960 forward.
3. Less than $500,000.

NOTE.—Detail will not add due to rounding.

Table 63.—Broad Industrial Sources of Personal Income, by States and Regions, 1963 [1]

Table 70.—Industrial Sources of Civilian Income Received by Persons for Participation in Current Production, by States and Regions, 1963 [1]

[Millions of dollars]

State and region	Table 63					Table 70											
	Total personal income	Farm income [1]	Government income disbursements [2]		Private nonfarm income [3]	Total	Farms	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation	Communications and public utilities	Services	Government [2]	Other
			Federal	State and local													
United States	**461,610**	**15,718**	**54,283**	**37,039**	**354,570**	**363,707**	**16,005**	**4,267**	**23,149**	**106,263**	**69,308**	**19,024**	**16,922**	**10,135**	**49,204**	**48,135**	**1,295**
New England	**29,780**	**227**	**3,563**	**2,152**	**23,838**	**22,761**	**230**	**32**	**1,306**	**8,365**	**4,074**	**1,303**	**677**	**643**	**3,387**	**2,628**	**116**
Maine	1,971	56	310	161	1,444	1,456	57	2	84	477	275	57	60	45	169	210	20
New Hampshire	1,450	11	212	100	1,127	1,096	11	1	65	407	187	49	31	31	161	150	3
Vermont	827	38	92	66	631	632	38	6	39	177	120	28	24	18	103	77	2
Massachusetts	14,889	59	2,015	1,146	11,669	11,305	60	14	607	3,826	2,111	667	356	328	1,867	1,416	53
Rhode Island	2,153	6	345	164	1,638	1,574	6	2	94	579	292	82	49	47	198	219	6
Connecticut	8,490	57	589	515	7,329	6,698	58	7	417	2,899	1,089	420	157	174	889	556	32
Mideast	**113,617**	**858**	**12,634**	**8,604**	**91,521**	**88,617**	**876**	**448**	**4,989**	**27,544**	**16,947**	**5,373**	**4,288**	**2,680**	**13,565**	**11,675**	**232**
New York	53,361	366	4,635	4,640	43,720	41,166	373	74	2,192	11,024	8,824	3,238	1,900	1,300	6,975	5,163	103
New Jersey	18,861	108	1,765	1,231	15,757	15,286	110	28	969	5,755	2,718	738	799	428	2,180	1,525	36
Pennsylvania	28,017	269	3,075	1,847	22,826	21,957	275	327	1,117	8,594	3,701	937	1,142	672	2,806	2,331	55
Delaware	1,570	30	130	91	1,319	1,113	31	-------	90	488	165	40	44	24	124	105	2
Maryland	9,163	85	1,903	659	6,516	7,242	87	19	538	1,631	1,285	346	337	207	1,083	1,677	32
District of Columbia	2,645	-------	1,126	136	1,383	1,853	-------	-------	83	52	254	74	66	49	397	874	4
Great Lakes	**97,073**	**2,503**	**8,448**	**7,127**	**78,995**	**78,921**	**2,547**	**487**	**4,216**	**31,281**	**14,074**	**3,322**	**3,545**	**2,014**	**9,034**	**8,212**	**189**
Michigan	20,624	339	1,601	1,770	16,914	16,951	345	89	833	7,681	2,756	557	512	439	1,837	1,877	25
Ohio	25,164	403	2,259	1,691	20,811	20,362	411	140	1,063	8,523	3,482	813	979	511	2,305	2,074	61
Indiana	11,648	528	997	819	9,304	9,762	537	63	483	4,105	1,645	372	421	236	888	982	30
Illinois	30,020	828	2,777	2,076	24,339	24,110	842	176	1,381	8,033	4,801	1,277	1,337	627	3,143	2,436	57
Wisconsin	9,617	405	814	771	7,627	7,736	412	19	456	2,939	1,390	303	296	201	861	843	16
Plains	**36,534**	**3,595**	**4,001**	**2,852**	**26,086**	**28,983**	**3,656**	**273**	**2,012**	**6,221**	**5,940**	**1,394**	**1,625**	**808**	**3,517**	**3,455**	**82**
Minnesota	8,152	623	744	729	6,056	6,560	633	94	478	1,517	1,306	330	357	171	836	817	21
Iowa	6,399	944	612	494	4,349	5,089	960	19	276	1,100	996	217	214	127	592	567	21
Missouri	10,900	537	1,181	713	8,469	8,685	547	42	612	2,386	1,808	455	556	270	1,085	903	21
North Dakota	1,300	289	180	115	716	1,040	294	10	86	38	232	43	53	30	108	145	1
South Dakota	1,390	280	195	120	795	1,106	285	15	101	76	234	42	40	30	117	164	2
Nebraska	3,376	445	433	255	2,243	2,640	452	12	187	362	582	147	161	69	326	335	7
Kansas	5,017	477	656	426	3,458	3,863	485	81	272	742	782	160	244	111	453	524	9
Southeast	**74,360**	**4,212**	**11,369**	**6,095**	**52,684**	**58,045**	**4,287**	**1,122**	**3,903**	**14,382**	**11,087**	**2,834**	**2,719**	**1,519**	**7,261**	**8,680**	**251**
Virginia	8,907	179	2,109	607	6,012	7,015	183	82	513	1,483	1,287	328	360	179	939	1,628	33
West Virginia	3,348	38	404	291	2,615	2,654	39	333	127	803	418	81	167	108	272	302	4
Kentucky	5,545	440	840	437	3,828	4,337	447	166	327	1,122	731	154	227	114	486	552	11
Tennessee	6,588	322	818	542	4,906	5,348	327	32	330	1,644	1,024	245	251	96	648	743	8
North Carolina	8,601	676	1,066	702	6,157	6,886	686	15	401	2,237	1,226	288	286	144	767	813	23
South Carolina	3,944	215	639	285	2,805	3,090	218	6	185	1,111	504	137	81	66	362	412	8
Georgia	7,715	367	1,218	584	5,546	6,094	373	25	375	1,633	1,290	336	312	170	671	870	39
Florida	11,933	515	1,742	955	8,721	8,502	527	46	748	1,190	2,026	653	373	228	1,419	1,230	62
Alabama	5,538	300	944	490	3,804	4,501	305	54	257	1,250	796	194	178	120	508	829	10
Mississippi	3,183	448	475	290	1,970	2,525	456	37	152	542	457	104	84	68	267	346	12
Louisiana	6,072	284	680	674	4,434	4,749	290	299	322	869	932	222	285	158	676	669	27
Arkansas	2,986	428	434	238	1,886	2,344	436	27	166	498	396	92	115	68	246	286	14
Southwest	**31,502**	**1,716**	**4,283**	**2,620**	**22,883**	**24,604**	**1,747**	**1,300**	**1,821**	**4,110**	**5,160**	**1,333**	**1,260**	**791**	**3,362**	**3,635**	**85**
Oklahoma	4,858	242	774	464	3,378	3,714	247	281	263	515	779	190	185	119	491	626	18
Texas	21,351	1,115	2,730	1,617	15,889	16,664	1,135	798	1,168	3,129	3,617	914	934	519	2,173	2,223	54
New Mexico	1,953	132	347	220	1,254	1,556	134	103	129	101	265	79	65	60	265	349	6
Arizona	3,340	227	432	319	2,362	2,670	231	118	261	365	499	150	76	93	433	437	7
Rocky Mountain	**10,667**	**683**	**1,507**	**992**	**7,485**	**8,383**	**696**	**302**	**723**	**1,306**	**1,677**	**394**	**483**	**260**	**1,063**	**1,473**	**6**
Montana	1,553	208	225	144	976	1,218	212	49	100	135	216	48	85	37	137	199	-------
Idaho	1,366	169	178	122	897	1,090	172	22	72	178	210	42	61	32	139	160	2
Wyoming	834	77	108	81	568	647	78	62	66	48	105	25	60	23	66	114	-------
Colorado	4,831	178	666	461	3,526	3,695	182	85	333	603	804	205	181	121	544	634	3
Utah	2,083	51	330	184	1,518	1,733	52	84	152	342	342	74	96	47	177	366	1
Far West	**65,706**	**1,845**	**7,778**	**6,370**	**49,713**	**51,660**	**1,887**	**292**	**4,022**	**12,887**	**10,023**	**2,993**	**2,236**	**1,351**	**7,784**	**7,875**	**310**
Washington	7,575	256	1,072	715	5,532	5,933	261	14	396	1,599	1,192	311	324	132	702	964	38
Oregon	4,568	161	497	423	3,487	3,675	164	10	285	904	789	185	207	114	470	533	14
Nevada	1,246	18	127	94	1,007	1,046	19	23	173	43	182	59	46	32	334	134	1
California	52,317	1,410	6,082	5,138	39,687	41,006	1,443	245	3,168	10,341	7,860	2,438	1,659	1,073	6,278	6,244	257
Alaska	704	2	267	80	355	518	2	11	41	29	77	19	34	32	52	200	21
Hawaii	1,667	77	433	147	1,010	1,215	77	(3)	116	138	249	59	55	37	179	302	3

Footnotes to Table 63:
1. Consists of net income of farm proprietors, farm wages, and farm "other" labor income, less personal contributions under the OASI program.
2. Consists of income disbursed directly to persons by the Federal and State and local governments. Comprises wages and salaries (net of employee contributions for Social insurance), other labor income, interest and transfer payments.
3. Equals total personal income less farm income and government income disbursements.
Note.—U.S. totals include Alaska and Hawaii.

Footnotes to Table 70:
1. Consists of wage and salary disbursements, other labor income, and proprietors' income.
2. Does not include earnings of military personnel.
3. Less than $500,000.
Note.—U.S. totals include Alaska and Hawaii.

(*Continued from page 14*)

for the year, or $1.9 billion if the special issues of $702 million are not counted as liquid.

The remainder of the aggregate increase of $2.6 billion in foreign holdings consisted primarily of an increase of over $450 million in various U.S. Government liabilities, of which the largest were advances by foreign governments on military purchases here, special nonmarketable obligations issued to international organizations in connection with subscriptions, and nonmarketable nonconvertible issues held by foreign governments.

Overall Investment Position

The statement of international assets and liabilities shown in table 12 is often used as a measure of international financial strength of the United States. Although the sum total of U.S. foreign assets exceeds the sum of foreign holdings here by nearly $37 billion (not including as an asset the U.S. gold stock), the types of assets and liabilities, and their valuations, are so different that the net difference, without qualifications, has little significance. This is especially so when comparisons are made over a long period of time.

On the asset side, a comparison of 1963 with 1950 shows that while private foreign investments have expanded by $47 billion, the gold stock has declined over $7 billion, and the increase of $9.3 billion in U.S. Government assets includes over $6 billion payable in foreign currencies of limited usefulness. Deducting these amounts gives an adjusted increase in private and Government assets of $44 billion. On the liabilities side the overall increase from 1950 was about $34 billion, so that the adjusted increase in net foreign assets after 1950 would be about $10 billion.

The 1950–63 expansion of U.S. assets abroad was largely in direct investments ($29 billion). While it is probably true that the book values used are lower than the replacement cost of assets or market valuations of the enterprises, the extent of the difference would vary so much among industries and areas that no overall evaluation can be made.

On the other hand, the increase of foreign assets in the United States since 1950 was largely in short-term assets and Government obligations ($19 billion) and in corporate stocks ($9.6 billion), with a smaller increase in direct investments ($4.6 billion). Of the increase in the holdings of corporate stocks, about $2 billion represented net foreign purchases in the period and the remainder resulted from rising market valuations.

Another approach to an evaluation of the significance of the changes in the debtor-creditor position involves a comparison of the earnings derived from investments. Earnings of U.S. private investments abroad rose from $2 billion in 1950 to $5.6 billion in 1963, while comparable foreign earnings in the United States rose from $500 million to $1 billion. On this basis there was clearly a considerable strengthening of the U.S. international position.

Table 12.—International Investment Position of the United States, Total 1950, by Area 1962–63

[Millions of dollars]

Type of investment	Total			Western Europe		Canada		Latin American Republics		Other foreign countries		International institutions and unallocated	
	1950	1962 r	1963 p	1962 r	1963 p	1962 r	1963 p	1962 r	1963 p	1962 r	1963 p	1962 r	1963 p
U.S. assets and investments abroad, total	**31,539**	**80,343**	**88,154**	**22,409**	**24,818**	**19,915**	**21,574**	**15,222**	**15,743**	**17,904**	**21,110**	**4,893**	**4,909**
Gold stock (not included in total)	*22,820*	*16,057*	*15,596*										
Private investments	**19,004**	**60,025**	**66,366**	**14,524**	**16,993**	**19,908**	**21,568**	**12,111**	**12,368**	**10,645**	**12,630**	**2,837**	**2,807**
Long-term	17,488	52,732	58,256	12,959	15,352	18,612	20,255	10,185	10,380	8,140	9,463	2,836	2,806
Direct	11,788	37,226	40,645	8,930	10,351	12,133	13,016	8,424	8,657	6,092	6,889	[1] 1,647	[1] 1,732
Foreign dollar bonds	1,692	6,348	7,356	534	779	3,289	3,861	335	358	1,104	1,284	1,086	1,074
Other foreign bonds [2]	1,466	806	775	59	60	551	596	24	24	69	95	[2] 103	
Foreign corporate stocks	1,175	4,714	5,145	2,113	2,319	2,301	2,461	64	65	236	300		
Banking claims	390	1,960	2,815	577	1,081	104	75	878	965	401	694		
Other	977	1,678	1,520	746	762	234	246	460	311	238	201		
Short-term assets and claims	1,516	7,293	8,110	1,565	1,641	1,296	1,313	1,926	1,988	2,505	3,167	1	1
Reported by banks	886	5,101	5,848	869	912	526	611	1,535	1,588	2,171	2,737	(r)	
Other	630	2,192	2,262	696	729	770	702	391	400	334	430	1	1
U.S. Government credits and claims	**12,535**	**20,318**	**21,788**	**7,885**	**7,825**	**7**	**6**	**3,111**	**3,375**	**7,259**	**8,480**	**2,056**	**2,102**
Long-term credits [3]	10,768	16,042	17,146	7,211	7,029			2,922	3,133	4,940	5,942	969	1,042
Repayable in dollars [4]	n.a.	n.a.	13,160	n.a.	5,992			n.a.	2,871	n.a.	3,255	n.a.	1,042
Repayable in foreign currencies, etc. [5]	n.a.	n.a.	3,986	n.a.	1,037			n.a.	262	n.a.	2,687	n.a.	
Foreign currencies and short-term claims	322	3,113	3,395	578	587	4	3	189	242	2,319	2,538	23	25
IMF gold tranche position and monetary authorities' holdings of convertible currencies	1,445	1,163	1,247	96	209	3	3					1,064	1,035
Foreign assets and investments in the United States, total	**17,635**	**46,280**	**51,478**	**26,490**	**29,876**	**7,350**	**7,767**	**4,018**	**4,789**	**5,444**	**6,111**	**2,978**	**2,935**
Long-term	7,997	20,216	22,794	14,369	16,237	3,520	3,884	1,223	1,393	953	1,097	151	183
Direct	3,391	7,612	7,944	5,245	5,491	2,064	2,183	141	112	162	158		
Corporate stocks	2,925	10,336	12,485	7,697	9,307	1,242	1,490	785	935	563	687	49	66
Corporate, state, and municipal bonds	181	657	702	439	460	(x)	(x)	76	77	40	48	102	117
Other	1,500	1,611	1,663	988	979	214	211	221	269	188	204		
Short-term assets and U.S. Government obligations	9,638	26,064	28,684	12,121	13,639	3,830	3,883	2,795	3,396	4,491	5,014	2,827	2,752
Private obligations	6,477	13,344	14,878	5,321	5,827	1,899	2,018	2,431	2,901	3,170	3,675	523	457
Reported by banks	5,751	12,579	14,128	4,936	5,414	1,809	1,937	2,291	2,786	3,020	3,534	523	457
Other	726	765	750	385	413	90	81	140	115	150	141	(x)	(x)
U.S. Government obligations	3,161	12,720	13,806	6,800	7,812	1,931	1,865	364	495	1,321	1,339	2,304	2,295
Bills and certificates	1,508	9,379	8,720	5,237	5,348	1,540	1,051	93	225	1,155	1,142	1,354	954
Marketable bonds and notes	1,470	2,110	[6] 2,742	708	[6] 741	389	[6] 687	125	[6] 98	89	[6] 82	799	[6] 1,134
Nonmarketable bonds and notes		251	893	251	768		125						
Other [7]	183	980	1,451	604	955	2	2	146	172	77	115	151	207

r Revised. p Preliminary. na Not available. (x) Negligible.

1. Represents the estimated investment in shipping companies registered primarily in Panama and Liberia.
2. Consists primarily of securities payable in foreign currencies, but includes some dollar obligations including through 1962 participations and loans made by the International Bank for Reconstruction and Development. Subsequent to 1962 participations in IBRD loans are included under banking claims and "other" long term, according to country of obligor.
3. Excludes World War I debts that are not currently being serviced.
4. Includes indebtedness repayable in U.S. dollars, or optionally in foreign currencies when option rests with U.S. Government.
5. Includes indebtedness which the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services.
6. New series based on a Federal Reserve Board survey as of July 31, 1963. Data to reconcile the old and new series are not available.
7. Includes non-interest-bearing demand notes issued in payment of subscriptions to international and regional organizations (other than IMF), portfolio fund certificates sold abroad by Export-Import Bank, liabilities associated with Government grant and capital transactions (including restricted accounts), and advances for military exports and other government sales.

Current BUSINESS STATISTICS

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THE STATISTICS here update series published in the 1963 edition of BUSINESS STATISTICS, biennial Statistical Supplement to the SURVEY OF CURRENT BUSINESS. That volume (price $2.00) contains data by months, or quarters, for the years 1959 through 1962 (1951–62, for major quarterly series) and averages of monthly or quarterly data for all years back to 1939; it also provides a description of each series and references to sources of earlier figures. Series added or significantly revised after the 1963 BUSINESS STATISTICS went to press are indicated by an asterisk (*) and a dagger (†), respectively; certain revisions for 1962 issued too late for inclusion in the aforementioned volume appear in the monthly SURVEY beginning with the August 1963 issue. Also, unless otherwise noted, revised monthly data (for periods not shown herein) corresponding to revised monthly averages are available upon request. Except as otherwise stated, the terms "unadjusted" and "adjusted" refer to adjustment for seasonal variation.

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GENERAL BUSINESS INDICATORS—Quarterly Series

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1961	1962	1963	1961		1962				1963				1964		
	Annual total			III	IV	I	II	III	IV	I	II	III	IV	I	II	III
				Seasonally adjusted quarterly totals at annual rates												
NATIONAL INCOME AND PRODUCT																
National income, total† ... bil. $	426.9	455.6	478.5	429.7	442.4	447.2	454.3	457.8	463.2	467.9	474.6	481.9	490.0	498.4	r506.6	.....
Compensation of employees, total ... do	302.2	323.1	340.3	304.7	310.7	316.6	322.4	325.3	328.0	332.7	338.1	342.7	347.7	352.5	358.6	.....
Wages and salaries, total ... do	278.8	297.1	312.1	281.1	286.8	291.2	296.6	299.2	301.6	305.3	310.1	314.3	318.8	323.2	328.7	.....
Private ... do	227.0	241.6	252.9	228.9	233.2	236.5	241.5	243.5	244.8	247.5	251.6	255.0	257.6	260.8	265.3	.....
Military ... do	10.2	10.8	10.9	10.0	10.8	11.1	11.0	10.7	10.5	10.6	10.7	10.7	11.7	11.7	11.7	.....
Government civilian ... do	41.6	44.7	48.3	42.2	42.8	43.6	44.1	45.0	46.3	47.2	47.8	48.7	49.6	50.7	51.7	.....
Supplements to wages and salaries ... do	23.4	25.9	28.2	23.6	23.9	25.4	25.8	26.1	26.4	27.4	27.9	28.4	28.8	29.4	29.9	.....
Proprietors' income, total♂ ... do	48.2	49.8	50.6	48.5	49.6	50.0	49.9	49.7	49.7	50.3	50.1	50.7	51.5	51.2	51.7	.....
Business and professional♂ ... do	35.3	36.6	37.6	35.7	36.3	36.3	36.6	36.7	36.9	37.1	37.3	37.8	38.3	38.6	39.1	.....
Farm ... do	12.9	13.2	13.0	12.8	13.3	13.7	13.3	13.0	12.8	13.2	12.8	12.9	13.2	12.6	12.6	.....
Rental income of persons ... do	12.2	12.2	12.3	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.4	12.4	12.4	12.4	.....
Corporate profits and inventory valuation adjustment, total ... bil. $	44.1	48.4	50.8	44.0	49.0	47.1	48.0	48.3	50.3	49.1	50.2	51.4	53.1	56.4	p57.4	.....
Corporate profits before tax, total ... do	44.2	48.2	51.3	44.3	49.3	47.2	47.9	48.1	49.4	48.9	51.1	51.3	54.3	56.6	p57.4	.....
Corporate profits tax liability ... do	22.3	23.2	24.6	22.3	24.8	22.7	23.0	23.1	23.8	23.4	24.5	24.5	26.0	25.4	p25.8	.....
Corporate profits after tax ... do	21.9	25.0	26.7	22.0	24.5	24.5	24.9	25.0	25.7	25.5	26.6	26.7	28.3	31.2	p31.7	.....
Dividends ... do	15.2	16.5	18.0	15.1	15.7	16.1	16.4	16.5	17.1	17.2	17.7	17.9	19.1	19.4	p19.8	.....
Undistributed profits ... do	6.7	8.5	8.7	6.9	8.8	8.4	8.5	8.5	8.6	8.3	8.9	8.9	9.2	11.8	p11.9	.....
Inventory valuation adjustment ... do	−.1	.3	−.4	−.3	−.3	−.1	.0	.1	.9	.2	−.9	.2	−1.2	−.2	−.1	.....
Net interest ... do	20.1	22.1	24.4	20.4	20.9	21.3	21.8	22.3	22.9	23.5	24.0	24.7	25.4	25.9	26.5	.....
Gross national product, total† ... do	518.7	556.2	583.9	522.4	536.9	545.5	553.4	559.0	566.6	571.8	577.4	587.2	599.0	608.8	r618.6	.....
Personal consumption expenditures, total ... do	337.3	356.8	375.0	339.1	345.2	350.5	354.0	358.5	364.0	369.2	372.0	377.4	381.3	390.0	r396.1	.....
Durable goods, total ⊕ ... do	43.7	48.4	52.1	44.3	46.0	47.4	47.7	48.4	50.2	51.1	51.5	52.2	53.6	55.9	r57.0	.....
Automobiles and parts ... do	17.1	20.6	22.7	17.4	18.6	19.7	20.3	20.5	21.8	22.4	22.6	22.6	23.2	24.3	24.1	.....
Furniture and household equipment ... do	19.3	20.2	21.4	19.5	19.9	20.1	19.9	20.3	20.6	20.8	21.0	21.6	22.3	23.1	24.2	.....
Nondurable goods, total ⊕ ... do	155.4	162.0	167.5	155.7	157.8	159.5	161.0	162.9	164.4	166.0	166.6	168.6	168.9	172.9	r175.3	.....
Clothing and shoes ... do	28.7	29.9	30.7	28.7	29.4	29.6	29.7	30.0	30.2	30.4	30.1	31.3	30.9	32.1	33.2	.....
Food and alcoholic beverages ... do	81.3	84.6	87.1	81.4	82.2	83.2	84.1	85.2	85.9	86.4	86.9	87.3	87.8	89.7	90.6	.....
Gasoline and oil ... do	11.9	12.3	12.8	11.9	12.0	12.2	12.2	12.3	12.5	12.7	12.8	12.9	13.0	13.3	13.5	.....
Services, total ⊕ ... do	138.3	146.4	155.3	139.1	141.4	143.6	145.3	147.2	149.5	152.1	153.9	156.6	158.8	161.1	r163.8	.....
Household operation ... do	20.4	21.6	22.7	20.6	20.9	21.3	21.3	21.7	22.0	22.4	22.4	22.9	23.0	23.5	24.0	.....
Housing ... do	44.2	46.5	48.9	44.4	45.0	45.6	46.2	46.8	47.5	48.0	48.6	49.2	49.8	50.5	51.1	.....
Transportation ... do	10.7	11.3	11.7	10.7	10.8	11.1	11.2	11.4	11.5	11.6	11.7	11.7	11.8	12.0	12.2	.....
Gross private domestic investment, total ... do	68.8	79.1	82.0	71.3	74.9	77.4	78.9	80.2	79.9	77.9	80.2	82.8	87.1	85.9	r87.2	.....
New construction ... do	41.0	44.2	46.6	41.3	41.9	42.5	44.1	45.5	44.9	44.7	45.9	47.2	48.3	49.2	r48.9	.....
Residential nonfarm ... do	21.1	23.6	25.2	21.5	22.1	22.5	23.5	24.4	24.0	24.3	25.1	25.4	26.2	26.9	r26.2	.....
Producers' durable equipment ... do	25.9	29.0	31.0	26.3	27.4	28.1	28.8	29.6	29.7	29.6	30.7	31.4	32.4	34.2	r34.6	.....
Change in business inventories ... do	1.9	5.9	4.4	3.7	5.6	6.9	6.1	5.1	5.4	3.6	3.6	4.2	6.4	2.5	r3.7	.....
Nonfarm ... do	1.5	5.3	3.9	3.3	5.2	6.4	5.5	4.4	4.8	3.0	3.2	3.7	6.0	2.2	r3.4	.....
Net exports of goods and services ... do	4.6	4.0	4.4	4.2	4.3	3.4	4.3	4.4	3.9	3.4	4.3	4.2	5.8	7.7	r5.7	.....
Exports ... do	27.6	29.2	30.7	27.8	28.4	28.0	29.6	29.7	29.4	28.8	30.5	31.0	32.6	34.5	r33.7	.....
Imports ... do	23.0	25.2	26.3	23.7	24.1	24.6	25.3	25.3	25.5	25.4	26.3	26.8	26.9	26.8	r27.9	.....
Govt. purchases of goods and services, total ... do	108.0	116.3	122.6	107.9	112.6	114.3	116.1	115.9	118.7	121.4	120.9	122.8	124.8	125.2	r129.6	.....
Federal (less Government sales) ... do	57.4	62.9	64.7	57.1	59.8	61.4	63.6	62.4	63.8	65.1	64.3	64.4	64.9	64.3	r67.1	.....
National defense ♀ ... do	49.0	53.6	55.2	48.6	50.9	52.5	55.3	53.0	53.5	54.8	55.2	55.5	55.3	54.0	57.0	.....
State and local ... do	50.6	53.5	57.9	50.9	52.8	52.8	52.5	53.5	54.8	56.3	56.7	58.4	59.9	60.9	62.5	.....
By major type of product:†																
Final sales, total ... do	516.8	550.3	579.5	518.7	531.4	538.7	547.3	554.0	561.2	568.2	573.7	583.0	592.6	606.4	614.9	.....
Goods, total ... do	257.9	273.6	285.8	258.8	264.8	268.9	273.5	273.9	278.2	280.9	286.5	285.7	290.3	298.2	304.3	.....
Durable goods ... do	94.5	102.3	108.2	95.4	98.4	100.2	103.5	101.4	104.1	105.0	111.0	106.6	110.4	114.3	119.0	.....
Nondurable goods ... do	163.4	171.3	177.6	163.4	166.5	168.7	170.0	172.6	174.1	175.8	175.5	179.1	179.9	183.9	185.4	.....
Services ... do	200.8	214.7	228.4	201.8	206.8	210.0	212.2	216.8	220.0	224.7	223.5	231.2	234.5	239.6	241.7	.....
Construction ... do	58.1	62.0	65.2	58.2	59.7	59.8	61.6	63.2	63.0	62.7	63.7	66.2	67.8	68.6	68.9	.....
Inventory change, total ... do	1.9	5.9	4.4	3.7	5.6	6.9	6.1	5.1	5.4	3.6	3.6	4.2	6.4	2.5	3.7	.....
Durable goods ... do	−.1	3.0	2.2	2.3	3.6	3.9	3.1	3.1	1.8	1.5	2.7	1.5	3.0	.7	2.5	.....
Nondurable goods ... do	2.0	2.9	2.2	1.4	2.0	2.9	3.0	2.0	3.6	2.0	.9	2.7	3.4	1.8	1.2	.....

r Revised. p Preliminary. † Revised series. Estimates of national income and product and personal income have been revised back to 1961 (see p. 8 ff. of the July 1964 SURVEY); revisions prior to May 1963 for personal income appear on p. 15 of the July 1964 SURVEY.

♂Includes inventory valuation adjustment. ⊕Includes data not shown separately. ♀Government sales are not deducted.

GENERAL BUSINESS INDICATORS—Quarterly Series—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1961	1962	1963	1961		1962				1963				1964		
	Annual total			III	IV	I	II	III	IV	I	II	III	IV	I	II	III
NATIONAL INCOME AND PRODUCT—Con.																
Quarterly Data Seasonally Adjusted at Annual Rates																
GNP in constant (1954) dollars																
Gross national product, total† ..... bil. $	447.9	476.4	492.6	450.6	462.5	469.1	475.1	478.3	483.0	485.4	487.9	494.8	502.0	508.0	r 513.5	.....
Personal consumption expenditures, total .. do	303.8	318.5	330.6	305.1	310.0	314.2	316.6	319.8	323.6	327.0	328.6	332.4	334.4	340.9	345.0	.....
Durable goods ..... do	41.4	45.7	49.3	41.8	43.7	44.8	44.9	45.6	47.6	48.5	48.6	49.4	50.8	53.1	54.0	.....
Nondurable goods ..... do	143.5	148.3	151.6	143.9	145.6	146.6	147.8	149.1	149.5	150.7	151.1	152.5	152.1	155.2	157.4	.....
Services ..... do	118.9	124.5	129.7	119.4	120.8	122.7	123.8	125.0	126.5	127.8	128.9	130.6	131.6	132.6	133.7	.....
Gross private domestic investment, total ... do	57.4	65.9	67.7	59.4	62.7	64.8	65.8	66.3	66.5	64.7	66.2	68.1	71.7	70.1	70.8	.....
New construction ..... do	34.3	36.7	37.9	34.6	35.2	35.5	36.6	37.5	37.0	36.8	37.5	38.2	39.0	39.6	39.2	.....
Producers' durable equipment ..... do	21.4	24.0	25.6	21.6	22.7	23.2	23.8	24.4	24.7	24.6	25.4	25.9	26.8	28.1	28.3	.....
Change in business inventories ..... do	1.7	5.2	4.1	3.2	4.8	6.1	5.4	4.4	4.9	3.4	3.3	4.0	5.9	2.4	3.3	.....
Net exports of goods and services ..... do	2.5	2.2	2.2	2.0	2.1	1.3	2.8	2.8	2.1	1.3	2.1	2.0	3.5	5.4	3.4	.....
Govt. purchases of goods and services, total .. do	84.3	89.8	92.1	84.0	87.7	88.8	89.9	89.4	90.7	92.4	91.0	92.3	92.4	91.6	94.3	.....
Federal ..... do	44.8	49.4	49.7	44.6	47.0	48.4	50.2	49.2	49.9	50.7	49.4	49.6	48.9	47.8	49.8	.....
State and local ..... do	39.4	40.3	42.4	39.4	40.7	40.4	39.8	40.2	40.9	41.8	41.7	42.7	43.4	43.8	44.5	.....
DISPOSITION OF PERSONAL INCOME†																
Quarterly Data Seasonally Adjusted at Annual Rates																
Personal income, total ..... bil. $	417.6	442.4	464.1	420.6	428.6	434.7	441.0	444.5	449.7	455.2	460.2	466.3	474.5	480.9	487.9	.....
Less: Personal tax and nontax payments ..... do	52.9	57.9	61.6	53.3	54.4	56.1	57.6	58.5	59.3	60.1	61.1	61.9	63.3	61.4	r 56.6	.....
Equals: Disposable personal income ..... do	364.7	384.6	402.5	367.3	374.2	378.5	383.4	386.0	390.4	395.1	399.1	404.4	411.2	419.5	r 431.3	.....
Personal saving § ..... do	27.3	27.8	27.5	28.2	29.1	28.0	29.4	27.5	26.4	25.9	27.1	27.0	29.9	29.5	r 35.2	.....
NEW PLANT AND EQUIPMENT EXPENDITURES																
Unadjusted quarterly or annual totals:																
All industries ..... bil. $	34.37	37.31	39.22	8.65	9.54	8.02	9.50	9.62	10.18	8.25	9.74	10.14	11.09	9.40	[1] 11.05	[2] 11.19
Manufacturing ..... do	13.68	14.68	15.69	3.34	3.88	3.14	3.69	3.72	4.13	3.27	3.92	3.95	4.56	3.79	4.54	4.62
Durable goods industries ..... do	6.27	7.03	7.85	1.50	1.79	1.44	1.77	1.79	2.03	1.62	1.96	1.96	2.31	1.93	2.29	2.23
Nondurable goods industries ..... do	7.40	7.65	7.84	1.84	2.09	1.69	1.92	1.93	2.10	1.65	1.95	1.99	2.25	1.87	2.26	2.39
Mining ..... do	.98	1.08	1.04	.25	.26	.26	.27	.28	.27	.24	.26	.27	.28	.26	.28	.28
Railroads ..... do	.67	.85	1.10	.16	.16	.16	.26	.24	.20	.21	.28	.29	.33	.32	.38	.34
Transportation, other than rail ..... do	1.85	2.07	1.92	.47	.50	.47	.60	.50	.50	.39	.54	.45	.54	.51	.60	.53
Public utilities ..... do	5.52	5.48	5.65	1.50	1.54	1.06	1.37	1.54	1.52	1.04	1.40	1.60	1.61	1.18	1.53	1.63
Communications ..... do	3.22	3.63	3.79	.78	.88	.88	.93	.87	.95	.85	.95	.93	1.06	.97	.....	.....
Commercial and other ..... do	8.46	9.52	10.03	2.16	2.32	2.06	2.37	2.48	2.60	2.26	2.41	2.64	2.72	2.37	[3] 3.72	[3] 3.79
Seas. adj. qtrly. totals at annual rates:																
All industries ..... do	.....	.....	.....	34.70	35.40	35.70	36.95	38.35	37.95	36.95	38.05	40.00	41.20	42.55	[1] 43.35	[2] 44.30
Manufacturing ..... do	.....	.....	.....	13.65	14.00	14.20	14.45	15.05	15.00	14.85	15.30	15.95	16.45	17.40	17.85	18.60
Durable goods industries ..... do	.....	.....	.....	6.10	6.40	6.55	6.95	7.25	7.30	7.35	7.65	8.00	8.30	8.85	8.95	9.00
Nondurable goods industries ..... do	.....	.....	.....	7.55	7.60	7.60	7.50	7.80	7.70	7.50	7.65	8.00	8.15	8.55	8.90	9.55
Mining ..... do	.....	.....	.....	1.00	1.00	1.15	1.05	1.10	1.00	1.05	1.00	1.05	1.05	1.15	1.05	1.10
Railroads ..... do	.....	.....	.....	.65	.60	.70	.95	1.00	.80	.90	1.00	1.20	1.35	1.40	1.30	1.35
Transportation, other than rail ..... do	.....	.....	.....	1.90	1.95	2.05	2.25	2.00	1.90	1.70	2.05	1.85	2.10	2.30	2.15	2.15
Public utilities ..... do	.....	.....	.....	5.65	5.55	5.15	5.40	5.75	5.45	5.20	5.45	5.90	5.80	5.95	6.15	6.00
Communications ..... do	.....	.....	.....	3.20	3.35	3.70	3.65	3.60	3.60	3.55	3.65	3.85	4.05	4.05	.....	.....
Commercial and other ..... do	.....	.....	.....	8.60	9.00	8.75	9.25	9.85	10.20	9.65	9.65	10.20	10.45	10.25	[3] 14.85	[3] 15.05
BUSINESS POPULATION																
Firms in operation, end of quarter (seasonally adjusted) ..... thous	[4] 4,713	[4] 4,755	[4] 4,797	4,760	4,770	4,780	4,790	4,800	4,815	4,825	4,835	4,850	4,860	4,875	4,895	.....
U.S. BALANCE OF INTERNATIONAL PAYMENTS♂‡																
Quarterly Data are Seasonally Adjusted																
U.S. payments, recorded ..... mil. $	31,791	33,486	35,710	8,005	8,616	8,447	8,151	8,312	8,576	8,603	9,679	8,383	9,045	9,113	.....	.....
Imports:																
Merchandise ..... do	14,497	16,134	16,931	3,826	3,881	3,948	4,058	4,088	4,040	4,017	4,197	4,353	4,364	4,347	p 4,550	.....
Military expenditures ..... do	2,954	3,044	2,897	695	714	758	749	745	792	747	731	711	708	720	.....	.....
Other services ..... do	5,401	5,843	6,332	1,346	1,389	1,412	1,462	1,465	1,504	1,529	1,578	1,595	1,630	1,613	.....	.....
Remittances and pensions ..... do	705	738	826	174	174	187	189	177	185	213	219	203	191	202	.....	.....
Govt. grants and capital outflows ..... do	4,054	4,293	4,522	1,034	1,206	1,074	1,065	1,066	1,088	1,041	1,333	1,009	1,139	897	.....	.....
U.S. private capital (net) ..... do	4,180	3,434	4,202	930	1,252	1,068	628	771	967	1,056	1,621	512	1,013	1,334	.....	.....
Direct investments ..... do	1,599	1,654	1,862	435	377	260	446	417	531	581	451	236	594	463	.....	.....
Long-term portfolio ..... do	1,025	1,227	1,644	259	445	390	303	208	326	521	598	302	223	226	.....	.....
Short-term ..... do	1,556	553	696	236	430	418	−121	146	110	−46	572	−26	196	645	.....	.....
U.S. receipts, recorded ..... do	30,419	32,394	33,352	7,262	7,717	7,706	7,925	8,408	8,355	7,655	8,337	8,528	8,832	9,179	.....	.....
Exports:																
Merchandise ..... do	19,913	20,576	21,938	4,987	5,121	5,032	5,237	5,288	5,019	4,984	5,459	5,597	5,898	6,087	p 6,020	.....
Services and military sales ..... do	8,525	9,508	9,735	2,134	2,187	2,198	2,397	2,339	2,574	2,432	2,421	2,375	2,507	2,771	.....	.....
Repayments on U.S. Govt. loans ..... do	1,274	1,280	969	99	196	150	237	606	287	166	190	424	189	216	.....	.....
Foreign capital other than liquid funds (net) .. do	707	1,030	710	42	213	326	54	175	475	73	267	132	238	105	.....	.....
Excess of recorded receipts or payments (−) ... do	−1,372	−1,092	−2,358	−743	−899	−741	−226	96	−221	−948	−1,342	145	−213	66	.....	.....
Unrecorded transactions (net) ..... do	−998	−1,111	−286	43	−332	−7	−214	−430	−460	−124	42	−277	73	−108	.....	.....
Total, net receipts or payments (−) ..... do	−2,370	−2,203	−2,644	−700	−1,231	−748	−440	−334	−681	−1,072	−1,300	−132	−140	−42	[a p] −789	.....
Net receipts or payments (−), incl. transactions in nonmarketable, medium-term convertible Govt. securities ..... mil. $	.....	.....	−1,942	.....	.....	.....	.....	.....	.....	−722	−1,148	43	−115	−42	[a p] −667	.....

r Revised. p Preliminary.

[1] Estimates for Apr.–June 1964 based on anticipated capital expenditures of business.

[2] Estimates for July–Sept. 1964 based on anticipated capital expenditures of business. Anticipated expenditures for the year 1964 are as follows (in bil. $): All industries, 43.92; manufacturing, total, 18.25; durable goods industries, 9.05; nondurable goods industries, 9.20; mining, 1.09; railroads, 1.44; transportation, 2.21; public utilities, 6.03; commercial and other (incl. communications), 14.90.

[3] Includes communications.

[4] Unadjusted. Data represent firms in operation as of Jan. 1; estimate for Jan. 1, 1963, is based on incomplete data.

†See corresponding note on p. S-1 (revisions prior to 3d qtr. 1961 appear on p. 8 ff. of the July 1964 SURVEY).

§Personal saving is excess of disposable income over personal consumption expenditures shown as a component of gross national product on p. S-1.

♂More complete details are given in the quarterly reviews in the Mar., June, Sept. and Dec. issues of the SURVEY.

‡Revisions for 1960—2d qtr. 1961 appear on p. 10 of the June 1964 SURVEY.

[a] Preliminary revision for 1st qtr. 1964 is −$75 mil.; other revisions will appear in the Sept. 1964 SURVEY.

GENERAL BUSINESS INDICATORS—Monthly Series

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963 p	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p
PERSONAL INCOME, BY SOURCE†																
Seasonally adjusted, at annual rates:†																
Total personal income ..... bil. $	[1] 442.4	[1] 464.1	462.7	464.0	466.1	468.9	472.7	473.8	477.1	[2] 477.3 479.4	480.5	482.9	486.6	487.8	r 489.3	490.8
Wage and salary disbursements, total ..... do	297.1	312.1	311.9	312.9	314.0	316.0	318.2	318.3	320.0	320.8	323.6	325.1	327.7	328.7	r 330.1	331.3
Commodity-producing industries, total ..... do	118.5	123.3	123.8	123.7	123.6	125.0	125.4	125.1	126.0	125.6	127.1	127.4	128.8	128.7	r 129.4	129.7
Manufacturing only ..... do	94.2	98.0	98.3	98.2	98.0	99.4	99.7	99.7	100.2	100.0	100.7	101.1	102.3	102.3	r 102.7	102.9
Distributive industries ..... do	76.6	80.3	80.0	80.5	80.9	81.5	81.8	81.8	82.0	82.4	82.8	83.1	83.7	84.2	r 84.6	84.8
Service industries ..... do	46.4	49.3	49.3	49.8	50.0	49.9	50.0	50.1	50.5	50.8	51.4	51.9	52.1	52.3	r 52.4	52.6
Government ..... do	55.6	59.2	58.7	59.0	59.4	59.7	61.0	61.3	61.5	62.1	62.4	62.7	63.0	63.4	63.8	64.1
Other labor income ..... do	12.3	13.1	13.0	13.1	13.2	13.3	13.4	13.5	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2
Proprietors' income:																
Business and professional ..... do	36.6	37.6	37.4	37.6	37.8	37.9	38.2	38.2	38.4	38.3	38.7	38.8	39.0	39.1	39.3	39.5
Farm ..... do	13.2	13.0	12.7	12.9	12.9	12.9	13.2	13.2	13.2	12.8	12.6	12.4	12.5	12.6	r 12.6	12.4
Rental income of persons ..... do	12.2	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
Dividends ..... do	16.5	18.0	18.4	17.7	17.8	18.0	18.5	18.8	20.1	19.3	19.4	19.6	19.8	19.8	19.9	20.0
Personal interest income ..... do	30.0	32.9	32.6	33.0	33.4	33.7	34.0	34.2	34.4	34.7	35.0	35.3	35.5	35.7	35.9	36.0
Transfer payments ..... do	34.7	36.7	36.2	36.3	36.6	36.6	37.1	37.2	37.2	[2] 39.7	37.5	37.8	38.2	38.0	r 37.6	37.7
Less personal contributions for social insurance bil. $	10.3	11.8	11.8	11.9	11.9	11.8	12.1	11.9	12.1	12.2	12.3	12.4	12.5	12.5	12.6	12.7
Total nonagricultural income ..... do	424.9	446.6	445.5	446.6	448.8	451.6	455.1	456.1	459.5	[2] 462.1	463.5	466.1	469.7	470.7	r 472.1	473.8
FARM INCOME AND MARKETINGS‡																
Cash receipts from farming, including Government payments (48 States), total‡ ..... mil. $	3,151	3,218	2,508	2,921	3,099	3,843	5,338	4,324	3,473	3,454	2,511	2,610	2,533	2,314	2,512	-------
Farm marketings and CCC loans, total ..... do	3,006	3,077	2,492	2,864	2,969	3,512	4,727	4,201	3,425	3,373	2,354	2,414	2,434	2,294	2,495	-------
Crops ..... do	1,339	1,420	984	1,251	1,296	1,806	2,701	2,462	1,886	1,692	870	773	781	723	970	-------
Livestock and products, total♀ ..... do	1,668	1,657	1,508	1,613	1,673	1,706	2,026	1,738	1,539	1,681	1,484	1,641	1,653	1,571	1,525	-------
Dairy products ..... do	403	403	413	398	389	384	403	390	409	417	398	432	427	452	418	-------
Meat animals ..... do	971	952	826	936	984	1,006	1,277	1,026	823	950	809	899	931	819	827	-------
Poultry and eggs ..... do	269	275	244	263	284	298	330	309	285	277	241	262	256	260	254	-------
Indexes of cash receipts from marketings and CCC loans, unadjusted:‡																
All commodities ..... 1957-59=100	112	115	93	107	111	131	176	156	128	126	88	90	91	85	93	-------
Crops ..... do	117	124	86	109	113	158	236	215	165	148	76	68	68	63	85	-------
Livestock and products ..... do	108	108	98	105	109	111	132	113	100	109	96	107	r 107	102	99	-------
Indexes of volume of farm marketings, unadjusted:‡																
All commodities ..... 1957-59=100	111	115	95	108	113	131	176	159	131	128	89	90	91	88	101	-------
Crops ..... do	112	118	78	106	113	151	227	210	160	145	70	56	52	48	84	-------
Livestock and products ..... do	110	113	107	109	113	115	138	121	110	115	103	115	120	117	114	-------
INDUSTRIAL PRODUCTION																
Federal Reserve Index of Quantity Output																
Unadj., total index (incl. utilities) ..... 1957-59=100	118.3	124.3	127.9	120.5	123.8	128.3	129.9	127.1	124.5	125.7	128.3	129.0	r 131.7	r 132.3	r 134.2	127.1
By industry groupings:																
Manufacturing, total ..... do	118.7	124.7	128.8	120.5	123.4	128.7	131.1	128.2	125.1	125.8	129.1	130.0	133.0	r 133.7	r 135.4	127.4
Durable manufactures ..... do	117.9	124.4	129.8	121.0	118.1	126.6	129.3	128.4	127.2	126.7	129.5	131.3	134.1	134.8	r 136.4	128.1
Nondurable manufactures ..... do	119.8	125.1	127.6	119.8	130.0	131.4	133.3	127.9	122.5	124.7	128.5	128.4	r 131.7	r 132.3	r 134.0	126.4
Mining ..... do	105.0	107.8	111.3	105.3	112.2	111.4	111.0	108.1	106.7	107.9	108.3	107.6	r 109.8	r 111.6	r 113.0	108.5
Utilities ..... do	131.3	140.7	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
By market groupings:																
Final products, total ..... do	119.7	124.8	127.1	121.7	123.8	130.0	131.9	127.7	125.3	126.7	128.5	128.5	130.7	r 130.5	r 133.9	127.3
Consumer goods ..... do	119.7	125.1	128.1	121.3	124.3	131.7	134.2	128.5	123.9	126.1	128.9	127.7	130.3	r 129.9	134.1	126.2
Automotive and home goods ..... do	125.9	134.3	142.0	124.3	105.7	135.4	148.6	147.7	141.7	138.7	144.4	144.1	r 148.3	r 145.9	r 150.2	129
Apparel and staples ..... do	117.7	122.2	123.7	120.4	130.2	136.5	129.6	122.4	118.2	122.1	124.0	122.5	124.6	r 124.9	129.0	125
Equipment, including defense ..... do	119.6	124.2	124.8	122.6	122.6	126.3	126.9	126.1	128.5	128.0	127.5	130.1	131.5	r 131.8	r 133.4	129.7
Materials ..... do	117.0	123.6	128.6	119.4	123.9	126.8	128.1	126.5	123.8	124.9	128.1	129.6	r 132.6	133.9	r 134.5	127.1
Durable goods materials ..... do	114.1	121.1	129.2	118.7	118.7	124.0	125.3	123.2	121.0	121.1	125.3	127.4	r 131.2	r 133.9	r 134.8	127
Nondurable materials ..... do	120.0	126.2	128.0	120.1	129.2	129.6	131.0	129.8	126.8	128.8	131.0	131.8	r 134.0	r 133.9	r 134.2	127
Seas. adj., total index (incl. utilities)♂ ..... do	118.3	124.3	125.5	125.7	125.1	125.4	125.9	126.1	126.8	127.7	128.2	129.0	r 130.5	r 131.3	r 131.7	132.7
By industry groupings:																
Manufacturing, total ..... do	118.7	124.7	126.1	126.1	125.3	125.9	126.7	127.0	127.7	128.5	129.1	129.9	131.4	r 132.2	r 132.5	133.6
Durable manufactures♀ ..... do	117.9	124.4	127.0	126.3	124.5	125.1	126.2	126.4	127.1	128.1	128.9	130.0	131.6	r 132.6	133.1	134.5
Primary metals ..... do	104.6	113.1	125.8	122.8	109.4	107.7	108.4	109.5	110.4	113.6	117.6	120.9	r 123.8	127.1	r 126.6	131
Iron and steel ..... do	100.6	109.5	126.1	117.1	102.6	100.0	100.0	103.5	104.9	108.3	114.5	118.1	r 123.7	r 127.8	125.7	129
Nonferrous metals and products ..... do	119.1	126.3	125.5	123.5	126.4	129.4	130.7	132.9	134.7	132.2	139.9	142.6	138.5	r 136.1	136.7	-------
Fabricated metal products ..... do	117.1	123.4	123.9	124.4	125.7	125.6	126.8	126.0	126.8	128.2	129.0	129.3	129.5	r 130.3	r 130.9	133
Structural metal parts ..... do	113.2	120.2	120.6	121.7	122.0	122.5	123.0	123.1	123.0	124.4	126.0	127.8	129.2	128.1	129.7	131
Machinery ..... do	123.5	129.1	129.0	129.4	130.4	131.6	132.0	132.8	133.4	134.7	133.6	135.9	137.5	r 138.5	140.0	142
Nonelectrical machinery ..... do	119.7	126.7	126.0	126.8	128.0	130.2	131.1	132.1	133.5	135.2	132.9	136.7	138.1	r 139.6	r 141.8	143
Electrical machinery ..... do	128.5	132.2	132.9	132.9	133.6	133.6	133.3	133.7	133.3	134.0	134.5	134.9	136.8	r 137.0	r 137.6	140
Transportation equipment ..... do	118.3	127.0	130.3	127.8	126.1	127.7	130.3	130.4	130.8	130.8	131.1	130.1	133.0	r 134.1	134.7	135
Motor vehicles and parts ..... do	134.1	146.1	153.4	147.3	143.0	145.5	150.5	151.9	152.4	151.9	153.0	151.1	156.2	r 157.4	157.8	158
Aircraft and other equipment ..... do	103.9	109.5	109.4	110.1	110.5	111.2	111.8	110.7	110.9	111.1	110.8	110.6	112.0	r 112.8	113.4	113
Instruments and related products ..... do	123.0	130.2	130.3	131.0	131.1	132.4	132.5	131.9	132.7	132.2	133.6	134.2	134.7	r 134.6	134.9	135
Clay, glass, and stone products ..... do	111.1	117.5	118.6	119.7	118.6	119.1	120.4	120.3	121.2	121.2	124.1	125.3	125.2	r 124.3	126.6	127
Lumber and products ..... do	106.1	109.0	106.3	105.3	108.5	109.6	112.2	111.8	110.6	112.2	117.3	116.1	115.4	r 114.9	107.9	-------
Furniture and fixtures ..... do	126.8	133.1	132.8	135.0	134.8	135.3	135.3	136.4	137.6	137.3	138.1	139.0	139.8	r 140.5	r 142.7	145
Miscellaneous manufactures ..... do	122.2	124.9	124.2	125.7	126.1	126.8	126.2	127.1	127.6	128.6	129.7	130.4	131.4	r 131.9	r 132.0	134
Nondurable manufactures ..... do	119.8	125.1	125.0	125.8	126.4	126.9	127.4	127.7	128.5	128.9	129.4	129.8	131.1	r 131.7	r 131.5	132.5
Textile mill products ..... do	115.2	117.1	116.2	117.6	118.5	119.4	119.7	120.4	119.5	118.8	119.8	118.9	119.4	r 119.2	119.9	-------
Apparel products ..... do	118.9	125.5	124.9	126.2	126.9	127.1	127.3	128.5	129.0	129.4	131.7	131.8	r 130.5	132.6	-------	-------
Leather and products ..... do	102.3	99.8	99.6	99.9	102.1	103.6	102.9	100.0	101.2	97.8	99.3	96.3	r 98.4	104.9	-------	-------
Paper and products ..... do	119.7	125.2	125.8	126.3	126.7	125.9	127.0	127.3	127.6	128.7	129.1	130.4	132.9	r 134.3	129.8	-------

r Revised. p Preliminary. [1] The total and components are annual totals. [2] Italicized total for Jan. 1964 excludes stepped-up rate of Government life insurance dividend payments to veterans; total disbursements of $172 million multiplied by 12 (to put on annual rate basis) amounted to $2.1 billion. Figures for transfer payments and total nonagricultural income reflecting similar exclusion are as follows: Transfer payments—$37.6 billion; nonagricultural income—$460.1 billion. †See corresponding note on p. S-1. ‡Revised series. Dollar figures and indexes of cash receipts revised beginning 1961 (indexes shifted to 1957-59 base). Physical volume indexes revised beginning 1955 to reflect change to the 1957-59 reference base and incorporation of latest Census revisions. Data prior to May 1963 appear in the Dept. of Agriculture publication, Farm Income Situation, July 1964. ♀Includes data for items not shown separately. ♂Seas. adjusted industrial production indexes for the total and for industry and market groupings revised beginning Jan. 1961 to incorporate new seasonal factors; data prior to May 1963 will be shown later. r Corrected.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963 p	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July r
INDUSTRIAL PRODUCTION—Continued																
Federal Reserve Index of Quantity Output—Con.																
Seasonally adjusted indexes—Continued ⊕																
By industry groupings—Continued																
Nondurable manufactures—Continued																
Printing and publishing ..... 1957-59=100	114.6	116.4	118.1	117.6	118.3	118.4	117.8	118.5	121.3	119.5	121.2	121.8	123.6	123.9	124.3	125
Newspapers ..... do	108.5	108.0	112.5	111.6	112.8	113.7	111.9	113.2	119.2	113.9	114.5	115.2	117.2	117.1	117.2	.....
Chemicals and products ..... do	136.1	148.5	147.5	149.7	150.5	152.4	153.2	154.3	154.3	154.7	154.5	155.2	157.0	r 156.6	158.2	.....
Industrial chemicals ..... do	147.5	162.5	160.6	163.0	164.2	166.5	168.3	169.3	171.6	173.1	173.3	174.9	r 176.7	173.4	.....	.....
Petroleum products ..... do	112.9	117.1	118.2	119.5	117.6	117.0	119.0	118.5	116.6	116.0	119.1	119.7	120.8	r 122.0	121.4	.....
Rubber and plastics products ..... do	130.6	138.9	137.0	136.0	140.1	142.5	142.1	144.3	144.2	145.0	145.3	145.1	149.4	152.5	.....	.....
Foods and beverages ..... do	113.5	116.4	116.2	116.7	116.8	116.7	117.5	117.0	118.7	120.8	120.6	120.3	120.6	r 120.1	119.6	.....
Food manufactures ..... do	113.8	116.7	116.4	116.8	116.9	117.5	117.8	117.5	119.2	121.3	119.8	119.7	r 120.0	r 120.2	119.2	.....
Beverages ..... do	111.5	114.9	115.6	116.7	116.6	112.5	116.5	114.5	116.5	118.4	125.0	123.8	124.1	119.3	.....	.....
Tobacco products ..... do	112.0	115.1	115.4	117.9	116.8	115.7	114.1	114.6	115.8	112.7	105.6	118.2	127.5	129.2	.....	.....
Mining ..... do	105.0	107.8	109.3	110.2	111.2	109.9	108.6	107.4	107.0	108.8	108.9	108.8	r 109.9	r 111.2	r 111.8	112.3
Coal ..... do	95.3	102.4	107.1	107.1	108.0	106.2	104.1	102.1	103.4	104.0	99.2	94.5	98.7	106.1	r 105.1	105
Crude oil and natural gas ..... do	105.5	107.9	108.9	110.3	111.3	109.9	108.4	107.2	106.2	108.3	109.1	109.7	r 110.0	r 110.5	111.3	112
Crude oil ..... do	105.1	108.2	109.5	110.9	111.7	109.8	109.1	108.1	106.6	108.5	107.8	109.0	109.6	r 110.1	111.1	112
Metal mining ..... do	112.6	112.3	112.8	110.3	112.8	112.4	111.9	112.2	112.9	116.4	118.8	119.8	124.2	r 119.5	118.8	.....
Stone and earth minerals ..... do	109.7	112.1	113.2	113.5	113.4	113.3	113.5	113.1	113.4	113.5	114.7	115.0	114.3	r 116.8	119.5	.....
Utilities ..... do	131.3	140.7	141.0	144.0	144.0	142.3	140.5	140.0	142.3	144.5	143.4	144.8	r 147.5	r 148.3	r 149.5	149.0
Electric ..... do	133.1	142.5	143.4	146.8	146.9	145.1	143.3	143.6	146.0	148.3	146.5	148.3	151.3	152.3	.....	.....
Gas ..... do	125.9	135.2	133.3	135.4	134.6	133.4	131.7	128.6	130.7	.....	.....	.....	.....	.....	.....	.....
By market groupings: ⊕																
Final products, total ..... do	119.7	124.8	r 125.1	r 125.2	r 126.1	r 126.3	r 127.2	r 126.9	r 128.0	r 128.5	128.1	r 128.7	r 130.6	r 131.1	r 131.7	132.5
Consumer goods ..... do	119.7	125.1	r 125.8	r 125.7	r 126.4	r 126.3	r 127.3	r 126.8	r 127.9	128.9	r 128.8	r 128.8	r 130.8	r 131.0	r 131.6	132.3
Automotive and home goods ..... do	125.9	134.3	r 136.2	r 133.9	r 135.4	r 136.4	r 137.2	r 138.3	r 139.0	r 139.7	r 140.7	r 139.7	r 142.4	r 143.0	r 143.7	146
Automotive products ..... do	131.1	141.1	r 145.6	r 140.1	r 141.4	r 142.9	r 145.8	r 145.8	r 146.0	r 146.6	145.5	r 144.3	149.3	r 151.4	r 150.9	152
Autos ..... do	135.9	149.5	159.9	r 151.5	r 151.3	r 153.3	r 154.8	r 155.1	r 155.6	155.3	156.5	152.5	160.0	160.3	r 161.7	163
Auto parts and allied products ..... do	124.9	130.1	r 126.9	125.3	r 128.3	r 129.4	r 133.9	r 133.5	r 133.4	r 135.2	131.1	r 133.4	135.2	r 139.6	136.7	.....
Home goods ♀ ..... do	122.2	129.4	r 129.7	r 129.6	r 131.2	r 131.7	131.3	r 133.1	r 134.0	r 134.8	r 137.3	r 136.4	r 137.7	r 137.1	138.6	.....
Appliances, TV, and radios ..... do	118.2	124.7	r 127.8	r 125.6	r 128.2	r 128.1	r 125.7	r 128.4	r 128.4	127.5	131.3	128.7	130.7	r 130.1	131.9	.....
Furniture and rugs ..... do	123.9	131.3	r 131.8	r 132.7	r 133.1	r 132.1	r 133.0	r 134.4	r 135.3	r 136.1	r 138.1	r 139.0	r 139.7	r 141.1	143.5	.....
Apparel and staples ..... do	117.7	122.2	r 122.5	r 123.1	r 123.6	r 123.2	r 124.1	r 123.2	r 124.4	r 125.5	r 125.0	r 124.6	r 127.2	r 127.2	r 128.2	128
Apparel, incl. knit goods and shoes ..... do	114.5	117.5	117.4	118.7	r 119.7	r 117.9	r 120.0	r 119.9	r 120.1	r 120.4	r 120.7	118.7	r 121.5	123.1	.....	.....
Consumer staples ..... do	118.7	123.6	r 123.9	r 124.3	r 124.7	r 124.7	r 125.3	r 124.1	r 125.7	r 127.0	r 126.2	126.3	r 128.8	r 128.3	r 129.4	129
Processed foods ..... do	113.7	116.5	r 116.3	r 115.5	r 116.7	r 116.7	r 117.6	r 116.9	r 118.9	r 121.4	r 120.2	r 118.4	r 120.8	r 120.2	119.2	.....
Beverages and tobacco ..... do	111.7	115.0	r 118.2	r 120.4	r 118.1	r 115.2	r 118.3	r 115.6	r 117.2	r 116.5	118.5	121.9	125.2	122.6	.....	.....
Drugs, soap, and toiletries ..... do	129.9	140.0	r 139.6	r 142.6	r 142.5	r 144.5	r 143.9	r 142.0	r 142.7	142.2	140.1	140.1	142.8	r 144.5	147.8	.....
Newspapers, magazines, books ..... do	116.7	117.8	r 118.3	r 118.3	r 118.6	r 117.9	r 117.8	r 117.1	r 120.4	r 121.5	r 123.7	r 125.1	r 126.7	r 124.7	126.0	.....
Consumer fuel and lighting ..... do	126.1	134.4	r 134.6	r 134.7	r 135.4	r 135.7	r 135.6	r 134.6	r 135.1	r 136.5	r 134.7	r 136.2	138.5	138.7	.....	.....
Equipment, including defense ♀ ..... do	119.6	124.2	r 123.7	r 124.2	r 125.2	r 126.1	r 127.1	r 127.0	r 128.3	r 127.5	r 126.5	r 128.6	r 130.2	r 131.2	r 132.0	132.9
Business equipment ..... do	122.1	128.3	127.8	r 128.8	r 130.0	131.0	132.0	r 132.0	133.2	r 132.4	r 131.1	r 133.7	r 135.8	r 137.8	139.1	141
Industrial equipment ..... do	117.2	122.9	122.8	123.6	r 124.8	r 125.5	126.6	r 127.3	r 128.5	128.9	127.9	131.9	133.9	r 135.7	137.4	.....
Commercial equipment ..... do	143.1	142.4	142.2	r 142.3	r 141.4	141.6	141.2	139.0	140.2	141.6	140.4	141.0	143.1	r 141.9	143.6	.....
Freight and passenger equipment ..... do	117.2	132.1	128.1	r 131.5	r 134.5	r 137.5	r 139.2	r 139.6	r 139.9	r 137.0	r 137.8	r 135.8	r 140.8	r 143.9	141.9	.....
Farm equipment ..... do	107.7	121.6	r 116.0	r 117.6	r 122.3	r 125.7	r 130.8	r 134.4	r 131.6	r 131.2	r 126.0	r 127.6	r 126.6	r 130.7	.....	.....
Materials ..... do	117.0	123.6	r 125.8	r 125.9	r 124.8	r 124.9	r 125.4	r 125.6	r 125.9	r 126.7	r 128.1	r 129.3	r 130.6	r 131.2	r 131.6	133.1
Durable goods materials ♀ ..... do	114.1	121.1	r 125.2	r 124.5	r 121.4	r 122.0	r 122.2	122.5	r 122.6	r 123.0	r 125.8	r 127.3	r 129.0	r 129.8	130.8	132
Consumer durable ..... do	127.5	137.2	r 143.4	r 141.1	r 135.3	r 138.6	r 139.5	r 141.3	r 142.8	r 141.9	r 144.3	r 141.9	r 144.1	r 143.8	147.8	.....
Equipment ..... do	118.9	125.4	r 125.7	r 126.1	r 126.8	r 127.5	r 127.7	r 127.4	r 128.7	r 129.2	r 129.6	r 130.4	r 131.6	r 132.9	133.1	.....
Construction ..... do	110.4	116.3	r 116.5	r 117.5	r 117.9	r 118.9	r 118.6	r 118.9	r 118.9	r 119.6	r 123.2	r 123.4	r 123.8	r 123.5	122.6	.....
Nondurable materials ♀ ..... do	120.0	126.2	r 126.4	r 127.4	r 128.3	r 127.9	r 128.7	r 128.8	r 129.2	r 130.4	r 130.6	r 130.8	r 132.3	r 132.7	r 133.0	135
Business supplies ..... do	116.5	120.1	r 120.7	r 120.0	r 121.5	r 120.7	r 122.5	r 122.5	r 122.9	124.4	r 125.2	r 124.9	126.1	r 126.6	124.7	.....
Containers ..... do	117.1	120.3	r 121.0	119.9	r 119.5	r 118.1	r 122.5	r 123.8	121.3	125.1	125.5	123.6	127.0	128.1	124.2	.....
General business supplies ..... do	116.3	120.1	r 120.6	r 120.1	r 122.5	r 122.1	r 122.5	r 122.0	r 123.8	124.0	r 125.1	r 125.6	125.7	r 125.8	125.0	.....
Business fuel and power ♀ ..... do	111.7	117.2	r 118.3	r 119.5	r 119.9	r 118.7	r 118.3	r 118.1	r 118.1	119.1	118.7	118.7	r 120.7	r 122.2	r 123.0	123
Mineral fuels ..... do	104.9	109.3	r 110.9	r 112.2	r 113.0	r 111.3	r 110.0	r 109.2	r 108.9	110.2	109.3	108.9	r 110.3	r 112.0	r 112.7	113
Nonresidential utilities ..... do	129.9	138.8	r 138.3	r 140.3	r 140.5	r 140.2	r 141.1	r 141.7	r 142.2	142.7	143.5	144.5	r 147.9	148.9	.....	.....
BUSINESS SALES AND INVENTORIES §																
Mfg. and trade sales (seas. adj.), total ‡ † ..... mil. $	[1] 65,078	[1] 68,002	67,983	69,244	68,250	68,029	68,884	68,338	70,026	70,992	71,013	70,649	71,787	r 72,660	72,339	.....
Manufacturing, total † ..... do	33,308	34,774	34,942	35,641	34,736	34,672	35,214	35,004	36,021	36,677	36,235	36,222	37,167	r 37,186	37,015	.....
Durable goods industries ..... do	17,184	18,071	18,242	18,746	18,160	17,937	18,590	18,272	18,476	19,144	19,027	18,887	19,359	r 19,138	19,179	.....
Nondurable goods industries ..... do	16,124	16,704	16,700	16,895	16,576	16,735	16,624	16,732	17,545	17,533	17,208	17,335	17,808	r 18,048	17,836	.....
Retail trade, total † ..... do	19,613	20,536	20,486	20,719	20,666	20,426	20,716	20,558	21,019	21,000	21,533	21,223	21,392	r 21,777	21,675	.....
Durable goods stores ..... do	6,245	6,675	6,630	6,773	6,562	6,606	6,941	6,734	6,831	6,855	7,262	6,939	7,010	r 7,218	6,969	.....
Nondurable goods stores ..... do	13,367	13,861	13,856	13,946	14,104	13,820	13,775	13,824	14,188	14,145	14,271	14,284	14,382	r 14,559	14,706	.....
Merchant wholesalers, total † ♂ ..... do	12,158	12,692	12,555	12,884	12,848	12,931	12,954	12,776	12,986	13,315	13,245	13,204	13,228	r 13,697	13,649	.....
Durable goods establishments ..... do	5,021	5,244	5,228	5,278	5,297	5,354	5,323	5,300	5,348	5,436	5,548	5,560	5,506	r 5,766	5,749	.....
Nondurable goods establishments ♂ ..... do	7,136	7,448	7,327	7,606	7,551	7,577	7,631	7,476	7,638	7,879	7,696	7,644	7,722	r 7,930	7,899	.....
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total † ..... mil. $	100,271	104,435	101,693	102,134	102,205	102,535	103,167	103,926	104,435	r 104,839	r 104,780	r 105,029	r 105,652	r 105,786	105,913	.....
Manufacturing, total † ..... do	57,753	60,147	58,706	58,884	58,917	59,087	59,322	59,780	60,147	59,991	60,108	60,326	60,531	r 60,528	60,377	.....
Durable goods industries ..... do	34,326	36,028	35,156	35,346	35,507	35,536	35,581	35,704	36,028	35,955	35,945	36,079	36,277	r 36,300	36,471	.....
Nondurable goods industries ..... do	23,427	24,119	23,550	23,538	23,410	23,551	23,741	24,076	24,119	24,036	24,163	24,247	24,254	r 24,228	23,906	.....
Retail trade, total † ..... do	27,938	28,691	28,124	28,259	28,148	28,147	28,357	28,651	28,691	r 29,030	r 28,954	r 28,969	r 29,242	r 29,205	29,465	.....
Durable goods stores ..... do	11,728	11,965	11,614	11,673	11,604	11,605	11,664	11,856	11,965	12,109	12,103	12,236	12,340	r 12,320	12,387	.....
Nondurable goods stores ..... do	16,210	16,726	16,510	16,586	16,544	16,542	16,693	16,795	16,726	r 16,921	r 16,851	r 16,733	r 16,902	r 16,885	17,078	.....
Merchant wholesalers, total † ♂ ..... do	14,580	15,597	14,863	14,991	15,140	15,301	15,488	15,495	15,597	15,818	15,719	15,734	15,879	r 16,053	16,071	.....
Durable goods establishments ..... do	8,108	8,447	8,276	8,255	8,321	8,387	8,430	8,430	8,447	8,569	8,559	8,478	8,519	r 8,618	8,741	.....
Nondurable goods establishments ♂ ..... do	6,472	7,150	6,587	6,736	6,819	6,914	7,058	7,065	7,150	7,249	7,159	7,256	7,360	r 7,435	7,330	.....

r Revised. p Preliminary. [1] Total and components are based on unadjusted data.

⊕See note marked "♂" on p. S-3.

♀Includes data for items not shown separately.

§ The term "business" here includes only manufacturing and trade. Business inventories as shown on p. S-1 cover data for all types of producers, both farm and nonfarm. Unadjusted data for manufacturing are shown on p. S-5; those for retail trade on p. S-11.

‡See note marked "†" on p. S-4 of the Nov. 1963 SURVEY. †Revised series. For a detailed description of the changes affecting these series and data for earlier periods, see pp. 16-19 of the Dec. 1963 SURVEY. ♂Total manufacturing and trade sales and inventories and merchant wholesalers' sales and inventories have been expanded to cover all merchant wholesalers, including wholesalers of farm product raw materials; also, seasonally adjusted data beginning Jan. 1960 for merchant wholesalers' sales and inventories revised to reflect new seasonal and trading day factors. Revisions for earlier periods appear on p. 24 of the May 1964 SURVEY.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
BUSINESS SALES AND INVENTORIES—Con.																
Inventory-sales ratios:																
Manufacturing and trade, total‡§ ratio	1.51	1.50	1.50	1.47	1.50	1.51	1.50	1.52	1.49	1.48	1.48	1.49	1.47	r 1.46	1.46	
Manufacturing, total§ do	1.70	1.69	1.68	1.65	1.70	1.70	1.68	1.71	1.67	1.64	1.66	1.67	1.63	r 1.63	1.63	
Durable goods industries do	1.96	1.94	1.93	1.89	1.96	1.98	1.91	1.95	1.95	1.88	1.89	1.91	1.87	r 1.90	1.90	
Purchased materials do	.62	.59	.59	.58	.60	.61	.59	.60	.59	.57	.57	.57	.56	r .57	.57	
Goods in process do	.80	.80	.80	.79	.80	.81	.79	.80	.80	.77	.78	.79	.78	.79	.79	
Finished goods do	.54	.55	.54	.53	.55	.56	.54	.56	.56	.54	.54	.54	.53	r .54	.54	
Nondurable goods industries do	1.42	1.41	1.41	1.39	1.41	1.41	1.43	1.44	1.37	1.37	1.40	1.40	1.36	1.34	1.34	
Purchased materials do	.60	.59	.58	.58	.58	.58	.59	.59	.56	.55	.56	.56	.54	r .53	.53	
Goods in process do	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.19	.19	.19	
Finished goods do	.62	.63	.63	.62	.64	.63	.63	.65	.62	.62	.64	.64	.63	.62	.62	
Retail trade, total‡§ do	1.38	1.37	1.37	1.36	1.36	1.38	1.37	1.39	1.37	1.38	r 1.34	r 1.36	1.37	1.34	1.36	
Durable goods stores do	1.82	1.75	1.75	1.72	1.77	1.76	1.68	1.76	1.75	1.77	1.67	1.76	1.76	r 1.71	1.78	
Nondurable goods stores do	1.18	1.19	1.19	1.19	1.17	1.20	1.21	1.21	1.18	1.20	1.18	1.17	1.18	1.16	1.16	
Merchant wholesalers, total§♂ do	1.19	1.18	1.18	1.16	1.18	1.18	1.20	1.21	1.20	1.19	1.19	1.19	1.20	r 1.17	1.18	
Durable goods establishments do	1.60	1.58	1.58	1.56	1.57	1.57	1.58	1.59	1.58	1.58	1.54	1.52	1.55	r 1.49	1.52	
Nondurable goods establishments♂ do	.90	.90	.90	.89	.90	.91	.92	.94	.94	.92	.93	.95	.95	r .94	.93	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Manufacturers' export sales:*																
Durable goods industries (unadj.), total mil. $		678	687	592	605	682	756	689	789	683	716	778	781	r 804	801	
Shipments (not seas. adj.), total† do	33,308	34,774	36,527	32,744	33,761	36,028	36,821	35,377	34,594	34,110	36,818	37,069	38,091	r 37,465	38,746	
Durable goods industries, total♀ do	17,184	18,071	19,599	17,014	16,880	18,278	19,180	18,457	18,118	17,595	19,208	19,471	20,242	r 19,781	20,593	
Stone, clay, and glass products do	961	947	1,069	999	1,035	1,042	1,089	960	798	788	842	873	987	r 1,017	1,074	
Primary metals do	2,835	2,944	3,342	2,727	2,755	2,788	2,928	2,852	2,745	2,967	3,158	3,223	3,370	r 3,318	3,322	
Blast furnaces, steel mills do	1,522	1,586	1,905	1,543	1,454	1,421	1,484	1,468	1,405	1,591	1,715	1,737	1,843	r 1,815	1,766	
Fabricated metal products do	1,859	1,877	2,019	1,785	1,990	1,986	2,054	1,881	1,807	1,777	1,911	1,906	1,989	r 1,975	2,077	
Machinery, except electrical do	2,366	2,517	2,742	2,301	2,392	2,595	2,544	2,470	2,577	2,489	2,784	2,896	2,957	r 2,939	3,101	
Electrical machinery do	2,301	2,398	2,585	2,179	2,364	2,559	2,522	2,484	2,490	2,254	2,523	2,555	2,498	r 2,440	2,600	
Transportation equipment do	4,453	4,848	5,165	4,679	3,648	4,553	5,268	5,221	5,237	4,940	5,306	5,285	5,619	r 5,304	5,513	
Motor vehicles and parts do	2,806	3,154	3,405	3,060	1,841	2,791	3,544	3,512	3,387	3,311	3,455	3,487	3,748	r 3,495	3,615	
Instruments and related products do	557	583	614	524	569	625	610	610	636	537	599	611	609	r 604	632	
Nondurable goods industries, total♀ do	16,124	16,704	16,928	15,730	16,881	17,750	17,641	16,920	16,476	16,515	17,610	17,598	17,849	r 17,684	18,153	
Food and kindred products do	5,577	5,832	5,961	5,637	5,797	6,241	6,184	5,983	5,913	5,946	6,171	6,120	6,101	r 6,247	6,472	
Tobacco products do	377	383	401	390	409	385	383	394	393	333	339	368	379	r 399	426	
Textile mill products do	1,263	1,378	1,452	1,201	1,427	1,515	1,501	1,456	1,356	1,315	1,457	1,477	1,463	r 1,428	1,534	
Paper and allied products do	1,314	1,355	1,388	1,254	1,366	1,453	1,427	1,359	1,304	1,302	1,398	1,403	1,427	r 1,390	1,469	
Chemicals and allied products do	2,449	2,568	2,632	2,396	2,526	2,736	2,674	2,509	2,369	2,573	2,743	2,803	2,992	r 2,953	2,851	
Petroleum and coal products do	1,433	1,451	1,478	1,435	1,475	1,456	1,442	1,424	1,521	1,492	1,498	1,421	1,484	r 1,501	1,524	
Rubber and plastics products do	710	772	805	712	736	799	856	763	784	767	836	833	901	r 863	924	
Shipments (seas. adj.), total† do			34,942	35,641	34,736	34,672	35,214	35,004	36,021	36,677	36,235	36,222	37,167	r 37,186	37,015	
By industry group:																
Durable goods industries, total♀ do			18,242	18,746	18,160	17,937	18,590	18,272	18,476	19,144	19,027	18,887	19,359	r 19,138	19,179	
Stone, clay, and glass products do			948	962	914	938	986	977	953	1,018	999	940	952	r 929	944	
Primary metals do			3,148	3,159	2,857	2,742	2,904	2,892	2,981	3,067	3,034	3,032	3,174	r 3,154	3,092	
Blast furnaces, steel mills do			1,807	1,815	1,479	1,392	1,469	1,512	1,570	1,605	1,649	1,615	1,719	r 1,732	1,644	
Fabricated metal products do			1,866	1,925	1,874	1,855	1,943	1,913	1,910	1,994	2,011	1,967	1,943	r 1,906	1,910	
Machinery, except electrical do			2,497	2,530	2,565	2,610	2,615	2,582	2,652	2,737	2,674	2,696	2,738	r 2,782	2,826	
Electrical machinery do			2,461	2,531	2,433	2,370	2,385	2,369	2,432	2,479	2,463	2,505	2,530	r 2,530	2,466	
Transportation equipment do			4,814	5,056	4,979	4,897	5,158	4,966	4,909	5,117	5,075	5,018	5,231	r 5,056	5,220	
Motor vehicles and parts do			3,182	3,284	2,997	3,155	3,362	3,234	3,123	3,297	3,331	3,310	3,468	r 3,272	3,426	
Instruments and related products do			582	600	588	577	589	594	591	606	593	606	616	r 611	597	
Nondurable goods industries, total♀ do			16,700	16,895	16,576	16,735	16,624	16,732	17,545	17,533	17,208	17,335	17,808	r 18,048	17,836	
Food and kindred products do			5,816	5,820	5,835	5,916	5,870	5,961	6,193	6,247	6,049	6,131	6,202	r 6,325	6,317	
Tobacco products do			375	374	393	377	384	379	403	365	353	387	394	r 389	399	
Textile mill products do			1,379	1,405	1,364	1,401	1,363	1,400	1,466	1,465	1,405	1,460	1,472	r 1,481	1,459	
Paper and allied products do			1,328	1,379	1,323	1,395	1,373	1,366	1,415	1,368	1,362	1,363	1,404	r 1,395	1,401	
Chemicals and allied products do			2,515	2,611	2,529	2,578	2,576	2,578	2,640	2,703	2,735	2,746	2,827	r 2,818	2,734	
Petroleum and coal products do			1,482	1,462	1,477	1,451	1,428	1,409	1,475	1,455	1,474	1,445	1,520	r 1,546	1,516	
Rubber and plastics products do			752	793	737	772	794	781	836	815	836	811	873	r 853	861	
By market category:																
Home goods and apparel do	[2] 3,296	[2] 3,313	3,478	3,407	3,287	3,201	3,207	3,169	3,473	3,519	3,395	3,387	3,415	r 3,524	3,445	
Consumer staples do	[2] 7,002	[2] 7,258	7,168	7,258	7,278	7,337	7,288	7,382	7,672	7,686	7,496	7,607	7,766	r 7,865	7,871	
Equipment and defense prod., excl. auto do	[2] 4,167	[2] 4,242	4,167	4,381	4,351	4,314	4,376	4,286	4,435	4,566	4,483	4,445	4,572	r 4,618	4,579	
Automotive equipment do	[2] 3,140	[2] 3,571	3,620	3,738	3,406	3,573	3,797	3,635	3,538	3,710	3,728	3,716	3,879	r 3,676	3,844	
Construction materials and supplies do	[2] 2,770	[2] 2,796	2,771	2,844	2,793	2,762	2,933	2,907	2,811	3,002	3,119	2,967	2,916	r 2,934	2,912	
Other materials and supplies do	[2] 12,932	[2] 13,594	13,738	14,013	13,621	13,485	13,613	13,625	14,092	14,194	14,014	14,100	14,619	r 14,569	14,364	
Supplementary market categories:																
Consumer durables do	[2] 1,336	[2] 1,380	1,414	1,417	1,416	1,372	1,368	1,356	1,454	1,469	1,468	1,476	1,483	r 1,482	1,461	
Defense products do	[2] 2,091	[2] 2,096	2,034	2,179	2,353	2,133	2,167	2,132	2,169	2,231	2,181	2,095	2,233	r 2,198	2,185	
Machinery and equipment do	[2] 3,095	[2] 3,215	3,215	3,292	3,252	3,272	3,293	3,258	3,362	3,428	3,344	3,409	3,407	r 3,483	3,501	
Inventories, end of year or month:†																
Book value (unadjusted), total do	[3] 57,419	[3] 59,738	58,997	58,568	58,681	58,837	59,026	59,445	59,738	60,094	60,486	60,661	60,807	r 60,950	60,682	
Durable goods industries, total do	33,891	35,565	35,483	35,187	35,301	35,370	35,300	35,359	35,565	35,875	36,173	36,394	36,608	r 36,785	36,795	
Nondurable goods industries, total do	23,528	24,173	23,514	23,381	23,380	23,467	23,726	24,086	24,173	24,219	24,313	24,267	24,199	r 24,165	23,887	
Book value (seasonally adjusted), total do	[3] 57,753	[3] 60,147	58,706	58,884	58,917	59,087	59,322	59,780	60,147	59,991	60,108	60,326	60,531	r 60,528	60,377	
By industry group:																
Durable goods industries, total♀ do	34,326	36,028	35,156	35,346	35,507	35,536	35,581	35,704	36,028	35,955	35,945	36,079	36,277	r 36,300	36,471	
Stone, clay, and glass products do	1,492	1,544	1,506	1,491	1,535	1,551	1,517	1,535	1,544	1,539	1,535	1,536	1,551	r 1,579	1,592	
Primary metals do	5,873	5,918	5,873	5,831	5,828	5,849	5,861	5,903	5,918	5,908	5,914	5,972	5,954	6,014	6,021	
Blast furnaces, steel mills do	3,528	3,533	3,494	3,459	3,455	3,496	3,500	3,532	3,533	3,519	3,511	3,561	3,547	r 3,594	3,625	
Fabricated metal products do	3,861	3,999	3,879	3,927	3,933	3,889	3,913	3,917	3,999	3,971	3,965	3,978	3,971	r 3,951	3,956	
Machinery, except electrical do	6,486	6,910	6,627	6,712	6,759	6,763	6,800	6,839	6,910	6,926	6,869	6,891	6,955	r 6,963	7,028	
Electrical machinery do	4,900	5,055	4,970	4,968	5,009	4,997	5,043	5,066	5,055	5,073	5,088	5,039	5,094	5,062	5,067	
Transportation equipment do	6,799	7,331	7,237	7,370	7,311	7,378	7,256	7,220	7,331	7,272	7,359	7,425	7,446	r 7,389	7,408	
Motor vehicles and parts do	2,413	2,610	2,595	2,636	2,731	2,667	2,669	2,595	2,610	2,614	2,663	2,702	2,716	r 2,713	2,700	
Instruments and related products do	1,365	1,468	1,405	1,416	1,434	1,446	1,454	1,452	1,468	1,480	1,477	1,503	1,527	r 1,540	1,551	

r Revised. [1] Advance estimate. [2] Based on data not seasonally adjusted. [3] Total and components are end-of-year data. ‡ See note marked "†" on p. S-4 of Nov. 1963 SURVEY. § See note marked "†" on p. S-4. ♂ See corresponding note on p. S-4.

*New series. Represents estimated total value of durable goods products directly exported by durable goods manufacturers; data prior to Oct. 1962 are not available. †Revised series. Effective with the Dec. 1963 SURVEY, data reflect the following major changes: Introduction of the Annual Survey of Manufactures as the new benchmark, revision of sample design, refinement of industry reporting, expansion of industry groups published, and revision of seasonal factors. In addition, data by market groupings are presented for the first time. Data for shipments and new orders not seasonally adjusted are adjusted for trading day variation. Revisions back to 1947 and a detailed description of the current revision appear in the Census Bureau publication, "Manufacturers' Shipments, Inventories, and Orders: 1947-63 Revised."

♀ Includes data for items not shown separately.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	End of year		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued																
Inventories, end of year or month—Continued†																
Book value (seasonally adjusted)—Continued																
By industry group—Continued																
Durable goods industries—Continued																
By stage of fabrication:																
Materials and supplies ♀ ..... mil. $	10,571	10,879	10,766	10,810	10,981	10,917	10,878	10,880	10,879	10,821	10,786	10,817	10,830	r10,828	10,897	
Primary metals ..... do	2,333	2,259	2,212	2,198	2,203	2,232	2,251	2,256	2,259	2,233	2,232	r2,256	2,280	r2,249	2,245	
Machinery (elec. and nonelec.) ..... do	2,968	3,009	3,028	3,083	3,089	3,001	2,954	2,992	3,009	2,989	2,992	2,973	2,962	2,989	3,027	
Transportation equipment ..... do	1,782	1,956	1,943	1,873	1,990	2,012	1,989	1,960	1,956	1,958	1,952	1,967	1,930	r1,928	1,938	
Work in process ♀ ..... do	14,129	14,857	14,629	14,740	14,591	14,579	14,639	14,648	14,857	14,828	14,875	15,001	15,112	r15,127	15,208	
Primary metals ..... do	1,816	1,901	1,877	1,808	1,818	1,852	1,845	1,882	1,901	1,895	1,898	1,926	1,902	r1,970	1,971	
Machinery (elec. and nonelec.) ..... do	5,034	5,249	5,199	5,232	5,223	5,172	5,288	5,260	5,249	5,305	5,251	5,253	5,361	r5,348	5,388	
Transportation equipment ..... do	4,142	4,467	4,422	4,566	4,414	4,468	4,386	4,363	4,467	4,402	4,499	4,539	4,583	r4,523	4,515	
Finished goods ♀ ..... do	9,593	10,292	9,847	9,852	9,949	10,040	10,064	10,176	10,292	10,306	10,284	10,261	10,335	r10,345	10,366	
Primary metals ..... do	1,721	1,758	1,749	1,779	1,742	1,765	1,765	1,765	1,758	1,780	1,784	1,790	1,772	r1,795	1,805	
Machinery (elec. and nonelec.) ..... do	3,381	3,707	3,510	3,512	3,575	3,587	3,601	3,653	3,707	3,705	3,714	3,704	3,726	r3,688	3,680	
Transportation equipment ..... do	824	908	847	859	869	898	881	897	908	912	908	919	r933	r938	955	
Nondurable goods industries, total ♀ ..... do	23,427	24,119	23,550	23,538	23,410	23,551	23,741	24,076	24,119	24,036	24,163	24,247	24,254	r24,228	23,906	
Food and kindred products ..... do	6,080	6,028	5,952	6,000	5,917	5,979	6,057	6,060	6,028	6,052	6,136	6,195	6,165	r6,137	5,978	
Tobacco products ..... do	2,391	2,314	2,389	2,362	2,341	2,339	2,317	2,345	2,314	2,357	2,374	2,344	2,363	r2,353	2,320	
Textile mill products ..... do	2,608	2,886	2,661	2,690	2,689	2,668	2,800	2,895	2,886	2,846	2,839	2,821	2,789	r2,768	2,763	
Paper and allied products ..... do	1,688	1,800	1,711	1,725	1,728	1,743	1,757	1,772	1,800	1,792	1,792	1,797	1,789	r1,801	1,808	
Chemicals and allied products ..... do	3,600	3,818	3,667	3,694	3,718	3,722	3,734	3,769	3,818	3,872	3,894	3,902	3,926	r3,935	3,903	
Petroleum and coal products ..... do	1,809	1,736	1,834	1,835	1,852	1,830	1,788	1,795	1,736	1,775	1,786	1,801	1,768	r1,767	1,735	
Rubber and plastics products ..... do	1,138	1,157	1,167	1,173	1,164	1,155	1,159	1,167	1,157	1,125	1,127	1,129	1,131	1,133	1,134	
By stage of fabrication:																
Materials and supplies ..... do	9,770	9,769	9,679	9,718	9,694	9,660	9,844	9,826	9,769	9,666	9,661	9,632	9,534	r9,528	9,463	
Work in process ..... do	3,304	3,479	3,328	3,354	3,364	3,347	3,344	3,428	3,479	3,452	3,403	3,446	3,459	r3,452	3,426	
Finished goods ..... do	10,246	10,871	10,452	10,559	10,648	10,544	10,553	10,822	10,871	10,918	11,099	11,169	11,261	r11,248	11,017	
By market category:																
Home goods and apparel ..... do	5,955	6,389	6,083	6,005	6,040	6,149	6,179	6,321	6,389	6,242	6,231	6,226	6,313	r6,296	6,228	
Consumer staples ..... do	9,515	9,525	9,470	9,525	9,438	9,447	9,502	9,571	9,525	9,597	9,730	9,780	9,782	r9,745	9,552	
Equip. and defense prod., excl. auto ..... do	11,828	12,363	12,042	12,149	12,172	12,249	12,189	12,277	12,363	12,303	12,288	12,305	12,370	r12,361	12,488	
Automotive equipment ..... do	3,001	3,245	3,221	3,248	3,331	3,268	3,258	3,200	3,245	3,241	3,299	3,347	3,359	r3,342	3,338	
Construction materials and supplies ..... do	5,042	5,290	5,072	5,076	5,146	5,099	5,135	5,189	5,290	5,311	5,296	5,290	5,352	r5,353	5,377	
Other materials and supplies ..... do	22,412	23,335	22,818	22,881	22,790	22,875	23,059	23,222	23,335	23,297	23,264	23,378	23,355	r23,431	23,394	
Supplementary market categories:																
Consumer durables ..... do	2,722	2,955	2,804	2,797	2,855	2,865	2,923	2,923	2,955	2,938	2,931	2,917	2,964	r2,938	2,956	
Defense products ..... do	5,343	5,583	5,552	5,647	5,496	5,571	5,490	5,502	5,583	5,466	5,465	5,457	5,429	r5,394	5,401	
Machinery and equipment ..... do	8,098	8,539	8,245	8,317	8,365	8,343	8,395	8,485	8,539	8,558	8,524	8,550	8,673	r8,677	8,788	
New orders, net (not seas. adj.), total† ..... do	[1]33,167	[1]35,036	35,833	32,829	33,779	36,217	36,601	35,174	34,045	35,010	37,539	37,508	38,517	r37,859	39,200	
Durable goods industries, total ..... do	17,085	18,300	18,867	17,089	16,946	18,502	18,883	18,140	17,623	18,558	19,927	19,951	20,662	r20,095	21,058	
Nondurable goods industries, total ..... do	16,082	16,736	16,966	15,740	16,833	17,715	17,718	17,034	16,422	16,452	17,612	17,557	17,855	r17,764	18,142	
New orders, net (seas. adj.), total† ..... do	[3]33,167	[3]35,036	34,425	35,207	34,930	34,991	35,354	34,953	35,619	37,148	36,657	36,547	38,184	r37,893	37,745	
By industry group:																
Durable goods industries, total ♀ ..... do	17,085	18,300	17,682	18,275	18,060	18,244	18,622	18,113	17,974	19,740	19,499	19,262	20,461	r19,945	19,912	
Primary metals ..... do	2,718	2,959	2,650	2,605	2,486	2,712	3,013	2,964	2,938	3,147	3,074	3,103	3,641	r3,175	3,463	
Blast furnaces, steel mills ..... do	1,400	1,592	1,277	1,262	1,198	1,371	1,590	1,529	1,456	1,641	1,685	1,675	2,077	r1,727	1,933	
Fabricated metal products ..... do	1,848	1,886	1,950	1,875	1,950	1,808	1,910	1,858	1,914	2,043	2,018	2,007	2,071	r1,968	1,992	
Machinery, except electrical ..... do	2,364	2,574	2,524	2,608	2,529	2,608	2,669	2,617	2,741	2,808	2,763	2,771	2,938	r2,956	2,982	
Electrical machinery ..... do	2,285	2,410	2,437	2,414	2,568	2,263	2,410	2,477	2,463	2,687	2,574	2,547	2,520	r2,571	2,460	
Transportation equipment ..... do	4,484	4,970	4,698	5,246	5,005	5,430	5,094	4,680	4,327	5,433	5,179	5,164	5,607	r5,538	5,316	
Aircraft and parts ..... do	1,342	1,398	1,151	1,678	1,484	1,754	1,272	1,189	801	1,730	1,537	1,421	1,605	r1,646	1,293	
Nondurable goods industries, total ..... do	16,082	16,736	16,743	16,932	16,870	16,747	16,732	16,840	17,645	17,408	17,158	17,285	17,723	r17,948	17,833	
Industries with unfilled orders⊕ ..... do	4,124	4,411	4,301	4,560	4,490	4,495	4,528	4,635	4,835	4,531	4,486	4,552	4,678	r4,739	4,740	
Industries without unfilled orders¶ ..... do	11,957	12,325	12,442	12,372	12,380	12,252	12,204	12,205	12,810	12,877	12,672	12,733	13,045	r13,209	13,093	
By market category:																
Home goods and apparel ..... do	3,273	3,339	3,502	3,438	3,581	3,177	3,199	3,136	3,503	3,444	3,455	3,444	3,396	r3,480	3,385	
Consumer staples ..... do	7,000	7,257	7,174	7,263	7,277	7,334	7,298	7,371	7,682	7,700	7,495	7,593	7,756	r7,859	7,880	
Equip. and defense prod., excl. auto ..... do	4,155	4,368	4,204	4,304	4,592	4,424	4,069	4,289	4,133	4,991	4,607	4,495	4,858	r5,323	5,008	
Automotive equipment ..... do	3,162	3,578	3,487	3,646	3,484	3,553	3,806	3,611	3,475	3,728	3,714	3,797	4,040	r3,641	3,893	
Construction materials and supplies ..... do	2,767	2,803	2,828	2,919	2,917	2,712	2,938	2,807	2,723	2,967	3,113	2,983	3,038	r3,017	3,001	
Other materials and supplies ..... do	12,809	13,691	13,230	13,637	13,079	13,791	14,044	13,739	14,103	14,318	14,273	14,235	15,096	r14,573	14,578	
Supplementary market categories:																
Consumer durables ..... do	1,325	1,404	1,434	1,416	1,426	1,312	1,379	1,387	1,514	1,420	1,520	1,505	1,485	r1,492	1,411	
Defense products ..... do	2,081	2,156	1,899	2,397	2,357	2,466	1,922	1,968	1,476	2,673	2,401	2,177	2,367	r2,482	2,126	
Machinery and equipment ..... do	3,090	3,326	3,292	3,334	3,307	3,415	3,441	3,273	3,612	3,617	3,413	3,455	3,610	r3,929	3,877	
Unfilled orders, end of year or month (unadjusted), total† ..... mil. $	46,242	49,149	49,836	49,916	49,945	50,131	49,902	49,696	49,149	50,049	50,760	51,199	51,626	r52,018	52,474	
Durable goods industries, total ..... do	43,666	46,193	46,929	47,004	47,086	47,306	46,999	46,684	46,193	47,154	47,863	48,341	48,764	r49,076	49,543	
Nondur. goods indust. with unfilled orders⊕ ..... do	2,576	2,956	2,907	2,912	2,859	2,825	2,903	3,012	2,956	2,895	2,897	2,858	2,862	r2,942	2,931	
Unfilled orders, end of year or month (seasonally adjusted), total† ..... mil. $	46,784	49,796	50,052	49,542	49,552	49,982	50,140	50,132	49,796	50,083	50,586	50,697	51,679	r52,004	52,581	
By industry group:																
Durable goods industries, total ♀ ..... do	44,094	46,676	47,285	46,745	46,695	47,070	47,169	47,076	46,676	47,072	47,644	47,805	48,840	r49,225	49,785	
Primary metals ..... do	3,761	3,930	4,737	4,220	3,862	3,822	3,859	3,930	3,930	4,022	4,169	4,082	4,485	r4,513	4,798	
Blast furnaces, steel mills ..... do	2,057	2,120	2,960	2,417	2,150	2,102	2,172	2,193	2,120	2,168	2,281	2,203	2,525	r2,540	2,748	
Fabricated metal products ..... do	3,944	4,062	4,204	4,180	4,191	4,124	4,104	4,059	4,062	4,081	4,099	4,190	4,311	r4,366	4,426	
Machinery, except electrical ..... do	6,304	7,027	6,628	6,711	6,764	6,780	6,884	6,933	7,027	7,069	7,072	7,169	7,325	r7,421	7,578	
Electrical machinery ..... do	6,964	7,114	7,053	6,991	7,122	7,062	7,058	7,111	7,114	7,153	7,337	7,383	7,347	r7,402	7,428	
Transportation equipment ..... do	18,062	19,368	19,507	19,430	19,481	19,998	20,060	19,869	19,368	19,724	19,805	19,821	20,294	r20,443	20,461	
Aircraft and parts ..... do	13,570	14,446	14,913	14,880	14,819	15,199	15,189	14,985	14,446	14,723	14,919	14,990	15,305	r15,301	15,158	
Nondur. goods indust. with unfilled orders⊕ ..... do	2,690	3,120	2,767	2,797	2,857	2,912	2,971	3,056	3,120	3,011	2,942	2,892	2,839	r2,779	2,796	
By market category:																
Home goods, apparel, consumer staples ..... do	1,736	1,987	1,924	1,955	1,987	1,989	1,977	1,945	1,987	1,908	1,994	2,061	2,016	r1,997	1,912	
Equip. and defense prod., incl. auto ..... do	24,713	26,197	26,248	26,075	26,484	26,664	26,483	26,502	26,197	26,534	26,598	26,555	27,059	r27,404	27,824	
Construction materials and supplies ..... do	4,868	4,986	4,942	5,027	5,133	5,116	5,111	5,017	4,986	4,952	4,967	5,044	5,123	r5,167	5,204	
Other materials and supplies ..... do	15,467	16,626	16,938	16,485	15,948	16,213	16,569	16,668	16,626	16,689	17,027	17,037	17,481	r17,436	17,641	
Supplementary market categories:																
Consumer durables ..... do	1,194	1,407	1,318	1,325	1,315	1,254	1,313	1,352	1,407	1,338	1,408	1,440	1,410	r1,418	1,354	
Defense products ..... do	18,148	18,724	19,419	19,347	19,399	19,746	19,625	19,429	18,724	19,062	19,365	19,363	19,613	r19,670	19,607	
Machinery and equipment ..... do	9,828	11,186	10,482	10,549	10,650	10,754	10,931	10,928	11,186	11,326	11,348	11,442	11,622	r11,931	12,306	

r Revised. [1] Monthly average. [3] Advance estimate. [3] Data for total and components (incl. market categories) are monthly averages based on new orders not seasonally adjusted. †See corresponding note on p. S-5. ♀Includes data for items not shown separately. ⊕Includes textile mill products, leather and products, paper and allied products, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero. ¶For these industries (food and kindred products, tobacco products, apparel and related products, petroleum and coal products, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders. r Corrected.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
GENERAL BUSINESS INDICATORS—Continued																
BUSINESS INCORPORATIONS♂																
New incorporations (50 States and Dist. Col.):†																
Unadjusted ..... number	15,171	15,534	15,060	15,959	15,277	13,824	16,808	12,975	15,472	18,825	15,495	17,676	17,365	16,394	16,856	.....
Seasonally adjusted ..... do	.....	.....	15,536	15,431	16,093	15,689	16,275	15,759	15,867	16,193	16,086	16,064	16,242	15,932	15,797	.....
INDUSTRIAL AND COMMERCIAL FAILURES♂																
Failures, total ..... number	1,315	1,198	1,211	1,155	1,135	1,051	1,262	1,115	998	1,217	1,241	1,320	1,197	1,075	1,157	.....
Commercial service ..... do	112	114	120	101	108	113	133	129	91	109	109	131	101	92	123	.....
Construction ..... do	225	200	158	180	210	189	207	198	198	201	204	210	201	179	219	.....
Manufacturing and mining ..... do	215	201	206	173	187	167	217	186	176	205	211	212	216	188	146	.....
Retail trade ..... do	629	557	591	590	522	467	578	479	433	570	572	625	554	501	563	.....
Wholesale trade ..... do	134	126	136	111	108	115	127	123	100	132	145	142	125	115	106	.....
Liabilities (current), total ..... thous. $	101,133	112,716	86,151	120,509	65,233	85,918	91,834	262,112	68,427	96,731	123,935	110,999	112,884	93,419	144,496	.....
Commercial service ..... do	7,831	7,425	9,559	7,614	5,304	6,579	10,758	4,171	3,764	5,721	7,238	11,686	10,355	10,245	80,909	.....
Construction ..... do	20,295	19,280	11,925	31,350	12,394	21,522	12,981	20,325	13,935	22,166	14,933	20,776	27,872	14,687	15,349	.....
Manufacturing and mining ..... do	33,333	46,475	30,552	45,955	18,748	28,149	32,777	197,942	22,662	29,649	26,260	26,762	30,650	37,782	17,951	.....
Retail trade ..... do	29,143	24,947	20,697	26,463	19,341	15,644	23,603	26,832	16,849	27,376	22,680	19,515	28,151	23,291	21,694	.....
Wholesale trade ..... do	10,531	14,589	13,418	9,127	9,446	14,024	11,715	12,842	11,217	11,819	52,824	32,260	15,856	7,414	8,593	.....
Failure annual rate (seasonally adjusted) No. per 10,000 concerns	[1] 60.8	[1] 56.3	57.8	57.1	54.5	59.4	59.6	55.1	51.2	53.9	55.3	56.6	51.3	49.4	53.2	.....
COMMODITY PRICES																
PRICES RECEIVED AND PAID BY FARMERS																
Prices received, all farm products⊙ ..... 1910-14=100	244	242	241	243	242	242	242	242	237	243	240	239	236	235	232	234
Crops ..... do	231	237	244	237	232	232	235	241	241	243	242	241	243	248	241	234
Commercial vegetables ..... do	243	231	246	238	194	189	205	250	254	270	286	275	230	235	240	237
Cotton ..... do	271	271	275	269	271	276	278	274	264	254	249	259	267	271	274	274
Feed grains and hay ..... do	153	164	169	170	168	171	162	158	164	166	164	166	168	168	168	163
Food grains ..... do	226	224	215	205	206	213	223	224	226	230	229	215	225	218	170	162
Fruit ..... do	226	279	319	277	274	264	279	294	303	300	292	293	316	327	301	272
Oil-bearing crops ..... do	248	258	258	256	255	253	264	271	265	268	263	260	252	246	246	247
Potatoes (incl. dry edible beans) ..... do	157	157	149	181	200	161	140	144	144	150	156	167	191	251	322	307
Tobacco ..... do	530	494	499	496	479	498	495	490	478	488	490	490	490	490	489	489
Livestock and products ..... do	255	245	239	249	250	250	248	243	234	242	237	237	230	224	224	234
Dairy products ..... do	253	253	231	242	251	262	269	272	269	265	260	253	243	237	234	243
Meat animals ..... do	310	290	295	308	303	294	286	272	260	274	269	273	268	263	264	275
Poultry and eggs ..... do	145	146	134	138	142	149	148	150	146	154	147	144	136	131	133	139
Wool ..... do	252	269	280	275	260	256	262	265	270	274	281	295	301	301	299	293
Prices paid:																
All commodities and services ..... do	280	283	283	284	283	283	282	282	282	283	283	283	283	282	282	282
Family living items ..... do	294	298	298	299	298	297	297	298	298	298	299	298	300	300	300	300
Production items ..... do	270	273	272	273	273	273	272	271	270	273	271	272	272	270	269	269
All commodities and services, interest, taxes, and wage rates (parity index)‡ ..... 1910-14=100	307	312	312	313	312	311	311	311	311	313	313	313	314	313	313	312
Parity ratio §‡ ..... do	[2] 79	[2] 78	77	78	78	78	78	78	76	78	77	76	75	75	74	75
CONSUMER PRICES *(U.S. Department of Labor Indexes)*																
All items ..... 1957-59=100	105.4	106.7	106.6	107.1	107.1	107.1	107.2	107.4	107.6	[3] *107.6* [4] 107.7	[3] *107.6* 107.6	[3] *107.8* 107.7	[3] *108.0* 107.8	[3] *107.9* 107.8	[3] *108.2* 108.0	.....
Special group indexes:																
All items less shelter ..... do	105.4	106.7	106.6	107.1	107.2	107.1	107.2	107.4	107.5	107.6	107.5	107.5	107.7	107.7	107.9	.....
All items less food ..... do	106.1	107.4	107.3	107.5	107.6	107.8	108.1	108.4	108.5	108.4	108.4	108.6	108.6	108.7	108.8	.....
Commodities¶ ..... do	103.2	104.1	104.0	104.6	104.6	104.4	104.5	104.7	104.9	104.9	104.8	104.8	104.9	104.8	105.0	.....
Nondurables ..... do	103.6	104.9	104.8	105.5	105.5	105.3	105.2	105.4	105.6	105.7	105.6	105.6	105.6	105.5	105.8	.....
Durables¶♀ ..... do	101.8	102.1	102.0	102.1	102.1	102.2	102.7	103.1	103.0	102.9	102.9	102.9	102.9	102.8	102.9	.....
New cars ..... do	102.1	101.5	101.2	100.5	100.2	99.8	103.1	103.2	102.1	102.3	102.2	101.8	101.6	101.2	100.8	.....
Used cars ..... do	115.2	116.6	117.7	118.1	119.0	120.1	120.0	121.0	120.3	119.6	119.0	119.6	120.9	121.6	122.7	.....
Commodities less food¶ ..... do	102.8	103.5	103.3	103.5	103.6	103.7	104.2	104.5	104.5	104.3	104.1	104.3	104.3	104.3	104.3	.....
Services¶ ..... do	110.9	113.0	112.9	113.1	113.3	113.5	113.7	113.9	114.1	114.2	114.3	114.5	114.8	114.9	115.1	.....
Food♀ ..... do	103.6	105.1	105.0	106.2	106.0	105.4	104.9	105.1	105.4	105.8	106.0	105.7	105.7	105.5	106.2	.....
Meats, poultry, and fish ..... do	101.7	100.2	98.4	100.2	101.4	101.5	100.4	99.7	99.2	98.3	98.3	97.2	97.0	96.6	96.8	.....
Dairy products ..... do	104.1	103.8	102.8	103.3	104.2	104.3	104.6	104.8	105.0	105.0	104.8	104.5	104.1	103.9	104.0	.....
Fruits and vegetables ..... do	105.0	111.0	115.6	118.7	114.2	108.1	106.3	108.2	109.8	112.4	113.9	115.1	115.7	115.7	120.2	.....
Housing ..... do	104.8	106.0	105.9	106.0	106.0	106.2	106.3	106.6	106.9	106.9	106.9	107.1	107.0	106.9	107.1	.....
Shelter♀* ..... do	105.6	106.9	106.8	107.0	107.0	107.1	107.3	107.7	108.0	108.1	108.3	108.4	108.2	108.2	108.4	.....
Rent ..... do	105.7	106.8	106.7	106.7	106.8	107.0	107.1	107.2	107.3	107.3	107.5	107.5	107.7	107.7	107.8	.....
Homeownership* ..... do	105.6	107.0	106.8	107.1	107.1	107.2	107.4	108.0	108.4	108.5	108.8	108.9	108.6	108.4	108.7	.....
Fuel and utilities* ..... do	106.1	107.0	106.7	106.7	106.4	107.0	107.3	107.5	107.6	107.7	106.8	107.3	107.4	107.2	107.1	.....
Household furnishings and operation* ..... do	101.5	102.4	102.4	102.4	102.5	102.7	102.6	102.7	102.9	102.7	102.7	102.8	102.9	102.9	102.9	.....
Apparel and upkeep* ..... do	103.6	104.8	104.5	104.5	104.7	105.4	105.9	106.1	106.1	105.0	105.1	105.3	105.6	105.7	105.7	.....
Transportation ..... do	107.2	107.8	107.4	107.8	108.3	107.9	109.0	109.1	108.9	109.4	108.6	108.9	109.0	109.1	109.2	.....
Private ..... do	105.9	106.4	106.1	106.4	106.9	106.5	107.7	107.8	107.5	108.0	107.2	107.4	107.6	107.7	107.8	.....
Public ..... do	115.4	116.9	116.6	116.6	117.1	117.1	117.6	117.6	118.3	118.3	118.4	118.3	118.4	118.6	118.9	.....
Health and recreation♀* ..... do	109.4	111.4	111.4	111.7	111.9	112.1	112.3	112.4	112.7	112.7	112.9	113.1	113.4	113.5	113.5	.....
Medical care ..... do	114.2	117.0	117.2	117.3	117.4	117.5	117.7	117.9	117.9	118.2	118.5	118.7	119.0	119.1	119.3	.....
Personal care ..... do	106.5	107.9	107.8	108.0	108.0	108.2	108.4	108.4	108.8	108.5	108.4	108.7	108.7	108.9	109.1	.....
Reading and recreation ..... do	109.6	111.5	110.9	111.5	112.1	112.3	112.7	112.8	113.1	113.1	113.3	113.6	114.0	114.1	114.0	.....

r Revised. [1] Based on unadjusted data. [2] Annual data for 1961-63 for parity ratio adjusted for government payments made directly to farmers are as follows (unit as above): 83; 83; 81. Descriptive material and annual data back to 1933 appear in the Dept. of Agriculture publication, "Agricultural Prices," January 1964. [3] "All items" index on old basis. [4] New series. Beginning Jan. 1964 the index reflects the following changes: (1) updated weighting factors and price data base; (2) improvements in statistical procedures; (3) a more comprehensive index, incl. single workers living alone, as well as families of wage earners and clerical workers; (4) expansion of the "market basket" from 325 to 400 items; and (5) increase in the sample of priced cities to 50 metropolitan areas and cities in the U.S. incl. Alaska and Hawaii. The new series has been linked to the old series as of Dec. 1963 to provide continuous series (see exceptions in notes "¶" and "*"). More complete information and data are available from the Bureau of Labor Statistics, U.S. Dept. of Labor (Washington, D.C., 20210).

♂Compiled by Dun & Bradstreet, Inc. (failures data are for 48 States and Dist. Col.).
†Revised beginning Jan. 1963 (unadj. and seas. adj.) to incl. data for District of Columbia. Seas. adj. data revised beginning Jan. 1962 to reflect new seas. factors. Revisions for Jan.-Dec. 1962, respectively, (seas. adj.) are as follows (number): 15,599; 15,758; 15,670; 15,372; 15,245; 14,947; 15,171; 15,056; 15,249; 14,892; 14,951; 14,985. ⊙Revised beginning 1961 to incorporate price revisions for individual commodities (commercial vegetables revised beginning Jan. 1953 to reflect revisions in the basis for pricing cauliflower); revisions prior to Apr. 1963 will be shown later. ‡See note marked "‡" on p. S-7 of the Feb. 1964 SURVEY.
§Ratio of prices received to prices paid (incl. interest, taxes, and wage rates). ¶Data beginning 1962 as shown here are not comparable with "old series" data formerly published.
♀Incl. data not shown separately. *New indexes.

COMMODITY PRICES—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
WHOLESALE PRICES♂ (*U.S. Department of Labor Indexes*)																
Spot market prices, basic commodities:																
22 Commodities ..... 1957-59=100	[1] 93.0	[1] 93.5	93.5	93.8	92.6	93.0	95.8	95.7	95.0	95.5	94.4	94.3	96.3	95.3	95.2	95.8
9 Foodstuffs ..... do	89.8	92.9	92.9	93.4	90.3	91.4	95.1	93.4	91.1	91.5	88.9	87.9	88.2	87.9	87.0	86.8
13 Raw industrials ..... do	95.4	93.9	93.9	94.2	94.2	94.1	96.3	97.3	97.7	98.5	98.5	98.9	102.4	100.9	101.4	102.5
All commodities ..... do	100.6	100.3	100.3	100.6	100.4	100.3	100.5	100.7	100.3	101.0	100.5	100.4	100.3	100.1	r 100.0	100.4
By stage of processing:																
Crude materials for further processing ..... do	97.1	95.0	94.8	96.1	95.7	94.8	94.8	95.1	92.6	95.1	94.0	94.3	94.2	93.5	92.4	93.7
Intermediate materials, supplies, etc ..... do	100.2	100.5	100.6	100.6	100.5	100.5	100.9	101.0	101.1	101.3	101.2	100.9	100.9	100.6	r 100.3	100.5
Finished goods⊙ ..... do	101.7	101.4	101.5	101.8	101.4	101.5	101.6	101.8	101.4	102.1	101.6	101.5	101.3	101.3	r 101.7	102.0
By durability of product:																
Durable goods ..... do	101.0	101.0	100.9	101.1	101.2	101.1	101.4	101.5	101.6	101.7	101.8	102.0	102.2	102.4	r 102.3	102.3
Nondurable goods ..... do	100.1	99.6	99.8	100.1	99.6	99.5	99.8	100.0	99.2	100.3	99.5	99.2	98.9	98.4	98.4	98.9
Total manufactures ..... do	100.8	100.6	100.8	101.0	100.8	100.7	100.9	100.9	100.9	101.3	101.1	100.9	100.9	100.8	100.8	101.1
Durable manufactures ..... do	101.3	101.3	101.2	101.5	101.5	101.4	101.7	101.8	101.9	101.9	102.1	102.2	102.4	102.6	r 102.4	102.5
Nondurable manufactures ..... do	100.1	99.8	100.2	100.4	100.0	99.9	100.2	100.1	99.9	100.5	100.0	99.6	99.4	99.0	99.1	99.7
Farm products♀ ..... do	97.7	95.7	94.9	96.8	96.3	95.5	95.1	96.2	93.3	96.3	94.5	95.2	94.4	93.7	93.2	94.1
Fruits and vegetables, fresh and dried ..... do	97.7	96.1	97.1	97.0	92.5	88.0	89.1	96.1	94.8	95.9	97.9	104.9	105.9	107.4	113.1	109.1
Grains ..... do	98.8	101.9	101.4	99.5	98.5	102.9	101.8	100.3	101.8	103.9	102.0	99.1	103.3	103.2	89.8	85.7
Livestock and live poultry ..... do	96.2	88.8	89.3	94.4	93.5	88.6	88.0	87.9	79.9	84.7	82.8	83.8	82.4	81.2	82.3	87.7
Foods, processed♀ ..... do	101.2	101.1	102.4	102.2	100.9	100.9	102.2	102.5	100.4	102.5	100.9	100.5	100.4	99.4	100.2	101.2
Cereal and bakery products ..... do	107.6	107.3	107.0	106.4	106.0	107.0	107.7	107.3	106.9	107.0	107.4	106.8	107.8	107.5	107.9	108.6
Dairy products and ice cream ..... do	106.9	107.5	106.6	107.3	107.9	108.0	107.4	107.9	108.1	108.0	107.5	107.3	107.1	106.6	r 107.1	107.2
Fruits and vegetables, canned, frozen ..... do	98.0	103.9	104.6	105.7	104.8	105.3	105.8	106.4	106.8	107.2	107.4	107.5	107.3	106.3	106.1	105.3
Meats, poultry, and fish ..... do	99.1	93.3	94.1	96.3	95.2	94.2	93.2	91.7	87.7	91.8	88.9	88.7	88.3	86.9	90.2	93.3
Commod. other than farm prod. and foods ..... do	100.8	100.7	100.7	100.8	100.8	100.7	100.9	100.9	101.2	101.3	101.2	101.1	101.1	101.1	r 100.9	101.1
Chemicals and allied products♀ ..... do	97.5	96.3	96.3	96.0	96.0	96.0	96.2	96.3	96.2	96.3	96.4	96.5	96.6	96.7	96.5	96.6
Chemicals, industrial ..... do	96.3	94.8	95.0	94.7	94.6	94.5	94.2	94.2	94.3	94.3	94.2	94.4	94.4	94.5	94.3	94.3
Drugs and pharmaceuticals ..... do	96.0	95.1	95.2	95.1	95.0	94.9	94.9	95.0	95.0	95.4	95.3	95.2	95.4	95.5	94.6	94.6
Fats and oils, inedible ..... do	76.3	80.3	80.6	81.4	81.7	81.3	88.5	90.2	85.0	83.1	83.2	85.8	87.3	88.6	93.2	95.6
Fertilizer materials ..... do	101.9	99.9	100.8	99.8	96.9	97.2	97.1	98.4	98.4	99.4	100.2	100.2	100.2	100.2	100.2	101.1
Prepared paint ..... do	103.8	103.8	103.0	103.0	103.9	103.9	103.9	104.9	105.1	105.1	104.6	104.8	104.8	104.8	103.9	103.9
Fuel and related prod., and power♀ ..... do	100.2	99.8	100.9	100.4	98.9	99.0	98.8	97.9	99.3	99.5	99.0	97.0	96.1	96.4	96.3	96.7
Coal ..... do	96.8	96.9	94.9	95.8	96.2	97.2	97.7	98.3	98.3	98.3	98.1	97.1	95.0	95.1	r 95.3	96.0
Electric power ..... Jan. 1958=100	102.8	102.0	102.2	102.0	101.9	101.8	101.4	101.3	101.3	101.3	101.3	99.4	101.3	101.3	100.9	100.6
Gas fuels ..... do	119.2	122.8	120.3	121.2	120.9	121.7	122.0	122.3	124.8	124.8	126.8	123.2	120.4	116.6	r 116.0	119.6
Petroleum products, refined ..... 1957-59=100	98.2	97.2	99.9	98.7	96.1	95.9	95.6	93.8	96.1	96.6	95.3	92.9	91.1	92.2	92.3	92.5
Furniture, other household durables♀ ..... do	98.8	98.1	98.1	98.0	98.1	98.1	98.1	98.1	98.0	98.4	98.5	98.5	98.6	98.6	98.5	98.5
Appliances, household ..... do	94.0	91.8	91.9	91.7	91.7	91.4	91.2	91.2	91.1	91.5	91.8	91.7	91.6	91.6	r 91.2	91.3
Furniture, household ..... do	103.8	104.6	104.5	104.5	104.6	104.8	104.8	104.8	104.7	105.0	105.0	105.0	105.2	105.3	105.3	105.3
Radio receivers and phonographs ..... do	86.1	82.8	83.4	81.5	81.5	81.9	81.9	81.8	81.7	81.5	81.5	81.5	81.5	81.5	81.5	82.0
Television receivers ..... do	94.2	92.3	92.5	91.9	91.9	91.9	91.8	91.8	90.9	90.9	90.9	90.9	91.2	91.2	91.2	90.3
Hides, skins, and leather products♀ ..... do	107.4	104.2	104.5	104.3	103.6	103.1	103.4	103.5	103.0	102.7	102.5	102.5	104.5	104.7	r 104.8	105.3
Footwear ..... do	108.6	108.3	108.2	108.4	108.4	108.4	108.4	108.2	108.2	108.3	108.2	108.2	108.3	108.3	108.3	108.4
Hides and skins ..... do	106.2	84.0	85.8	83.5	80.5	77.3	80.5	82.7	76.3	76.1	74.0	75.7	88.1	85.7	90.3	92.6
Leather ..... do	108.5	101.9	102.5	102.2	100.1	99.5	99.5	99.7	99.5	99.5	99.7	99.6	102.0	104.5	103.3	104.7
Lumber and wood products ..... do	96.5	98.6	98.3	101.6	102.6	99.9	99.2	99.2	99.1	99.0	99.9	101.0	101.8	101.8	101.4	101.2
Lumber ..... do	96.5	98.9	99.2	102.1	102.7	100.7	99.3	99.3	99.2	99.2	100.3	101.4	102.0	102.2	101.8	101.5
Machinery and motive prod.♀ ..... do	102.3	102.2	102.0	102.1	102.1	102.2	102.3	102.5	102.6	102.5	102.5	102.7	102.9	103.3	r 103.0	103.0
Agricultural machinery and equip ..... do	109.5	111.1	111.0	110.9	110.9	110.9	111.2	111.4	111.9	112.1	112.5	112.6	112.7	112.7	112.7	113.0
Construction machinery and equip ..... do	107.8	109.6	109.6	109.7	110.0	110.1	110.4	110.9	111.2	111.8	111.8	112.0	112.2	112.3	112.3	112.3
Electrical machinery and equip ..... do	98.4	97.4	97.7	97.2	97.2	97.2	97.4	97.5	97.7	96.9	96.9	97.0	97.7	97.7	r 96.5	96.5
Motor vehicles ..... do	100.8	100.0	99.3	99.8	99.5	99.3	99.9	99.9	99.9	99.8	99.8	99.9	99.9	101.2	101.1	101.2
Metals and metal products♀ ..... do	100.0	100.1	100.0	100.0	100.1	100.3	100.9	101.0	101.3	101.7	101.8	102.0	102.2	102.1	102.3	102.5
Heating equipment ..... do	93.2	92.9	93.3	93.3	93.1	93.1	93.1	92.8	92.7	92.0	91.8	92.1	92.1	92.0	r 92.4	92.0
Iron and steel ..... do	99.3	99.1	99.0	99.0	99.0	99.1	99.9	99.9	100.0	100.2	100.2	100.2	100.2	100.3	100.4	100.7
Nonferrous metals ..... do	99.2	99.1	98.7	99.0	99.4	99.6	99.9	100.2	101.0	101.4	101.7	102.8	104.0	103.9	r 104.0	104.4
Nonmetallic mineral products♀ ..... do	101.8	101.3	101.2	100.9	101.0	101.1	101.3	101.2	101.3	101.1	101.2	101.1	101.3	101.3	101.4	101.5
Clay products, structural ..... do	103.5	103.6	104.0	103.5	103.6	103.4	103.4	103.5	103.5	103.5	103.8	103.9	104.5	104.5	104.5	104.5
Concrete products ..... do	102.6	101.7	101.9	101.2	101.2	101.3	101.3	101.4	101.4	101.2	101.0	100.7	100.6	100.6	100.8	100.9
Gypsum products ..... do	105.0	105.4	105.0	105.0	105.8	106.1	106.1	106.1	106.1	106.1	108.6	108.6	108.6	108.6	108.6	108.6
Pulp, paper, and allied products ..... do	100.0	99.2	99.4	99.0	99.1	99.1	99.5	99.4	99.4	99.8	99.9	99.3	99.1	98.7	98.7	98.7
Paper ..... do	102.6	102.4	102.2	102.2	102.2	102.2	102.8	102.9	102.9	103.1	103.1	103.5	103.6	103.7	103.7	103.7
Rubber and products ..... do	93.3	93.8	93.1	93.0	93.7	93.4	94.2	94.2	93.8	93.7	93.6	93.9	93.1	92.6	91.6	91.8
Tires and tubes ..... do	87.1	90.1	89.1	89.1	91.2	91.7	91.7	91.7	91.4	91.3	91.3	91.3	89.2	88.0	88.0	88.0
Textile products and apparel♀ ..... do	100.6	100.5	100.3	100.4	100.4	100.5	100.7	101.1	101.2	101.2	101.2	101.2	101.1	101.2	101.0	101.1
Apparel ..... do	101.5	101.9	102.0	102.2	102.2	102.3	102.5	102.3	102.3	102.3	102.3	102.3	102.3	102.7	102.8	103.2
Cotton products ..... do	101.7	100.3	99.7	99.8	99.7	99.9	100.2	101.3	101.5	101.3	101.2	101.1	100.5	99.6	98.7	98.5
Manmade fiber textile products ..... do	93.9	93.9	93.8	93.7	93.9	94.0	94.2	94.4	94.6	94.7	95.1	95.5	95.5	96.0	96.2	96.1
Silk products ..... do	125.9	139.9	148.0	134.5	136.6	130.1	126.1	130.5	126.3	121.6	116.8	116.6	116.4	116.4	r 117.0	117.0
Wool products ..... do	99.1	100.9	100.8	100.5	100.6	100.6	100.6	101.6	102.8	103.2	103.3	103.3	103.2	102.8	102.8	102.6
Tobacco prod. and bottled beverages♀ ..... do	104.1	106.1	105.8	107.5	107.5	107.5	107.5	107.5	107.5	107.6	107.1	107.1	107.1	107.3	107.4	107.4
Beverages, alcoholic ..... do	101.0	101.0	101.0	101.0	101.0	101.0	100.9	100.9	101.0	101.0	101.0	100.7	100.7	100.7	100.6	100.6
Cigarettes ..... do	101.4	104.1	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
Miscellaneous ..... do	107.3	110.4	108.1	110.4	111.1	111.8	111.2	110.9	112.2	112.6	110.9	109.8	109.5	107.2	106.7	107.4
Toys, sporting goods ..... do	100.8	101.0	100.7	101.0	101.2	101.1	101.1	101.0	101.1	100.9	100.9	101.1	100.5	100.5	100.9	101.0
PURCHASING POWER OF THE DOLLAR																
As measured by—																
Wholesale prices ..... 1957-59=100	99.4	99.7	99.7	99.4	99.6	99.7	99.5	99.3	99.7	99.0	99.5	99.6	99.7	99.9	[2] r 100.0	[2] 99.6
Consumer prices ..... do	94.9	93.7	93.8	93.4	93.4	93.4	93.3	93.1	92.9	92.9	92.9	92.9	92.8	92.8	[2] 92.6	--------

r Revised. [1] Figures are for the month of June. [2] Indexes based on 1947-49=100 are as follows: Measured by—wholesale prices, 83.9 (July); 84.2 (June, revised); consumer prices, 75.5 (June).

♂For actual wholesale prices of individual commodities, see respective commodities. ⊙Goods to users, including raw foods and fuels. ♀Includes data not shown separately.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

CONSTRUCTION AND REAL ESTATE

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CONSTRUCTION PUT IN PLACE †																
New construction (unadjusted), total† ..... mil. $	4,954	5,204	5,785	5,780	.....	.....	.....	.....	.....	4,579	4,177	4,643	5,098	r 5,483	r 6,152	6,056
Private, total ♀ ..... do	3,475	3,648	3,974	4,034	.....	.....	.....	.....	.....	3,258	3,021	3,325	3,638	r 3,895	r 4,192	4,224
Residential (nonfarm) ♀ ..... do	2,024	2,154	2,495	2,470	.....	.....	.....	.....	.....	1,813	1,636	1,908	2,188	r 2,345	r 2,553	2,528
New housing units ..... do	1,553	1,672	1,825	1,919	.....	.....	.....	.....	.....	1,451	1,316	1,477	1,610	r 1,703	r 1,859	1,953
Additions and alterations ..... do	(1)	(1)	(1)	(1)	.....	.....	.....	.....	.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Nonresidential buildings, except farm and public utilities, total ♀ ..... mil. $	960	988	947	1,010	.....	.....	.....	.....	.....	1,015	993	981	963	1,017	1,086	1,129
Industrial ..... do	246	247	227	234	.....	.....	.....	.....	.....	268	264	257	251	254	258	266
Commercial ♀ ..... do	413	433	417	451	.....	.....	.....	.....	.....	434	425	424	411	442	480	496
Stores, restaurants, and garages ..... do	199	189	185	210	.....	.....	.....	.....	.....	168	163	167	155	175	207	217
Farm construction ..... do	107	106	107	117	.....	.....	.....	.....	.....	98	95	96	95	99	106	115
Public utilities ..... do	360	374	395	404	.....	.....	.....	.....	.....	312	286	317	366	r 404	r 411	411
Public, total ..... do	1,480	1,557	1,811	1,746	.....	.....	.....	.....	.....	1,321	1,156	1,318	1,460	1,588	r 1,960	1,832
Nonresidential buildings ..... do	429	460	518	482	.....	.....	.....	.....	.....	435	429	464	525	517	r 596	550
Military facilities ..... do	102	(1)	141	131	.....	.....	.....	.....	.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Highways ..... do	532	556	694	652	.....	.....	.....	.....	.....	397	266	351	384	481	710	(1)
Other types ..... do	418	430	458	481	.....	.....	.....	.....	.....	392	376	413	454	477	532	(1)
New construction (seasonally adjusted at annual rates), total† ..... mil. $	[2]59,453	[2]62,451	62,080	62,265	63,653	63,530	64,966	65,072	65,193	64,684	65,528	66,509	66,615	r 64,983	r 66,183	65,501
Private, total ♀ ..... do	41,695	43,772	43,175	43,693	44,305	44,633	45,365	45,488	45,778	45,440	46,274	46,923	46,449	r 45,780	r 45,660	45,878
Residential (nonfarm) ..... do	24,292	25,843	25,786	25,843	25,752	25,953	26,584	27,000	26,896	26,907	27,600	28,123	27,538	r 26,678	r 26,389	26,456
Nonresidential buildings, except farm and public utilities, total ♀ ..... mil. $	11,526	11,859	11,243	11,610	12,219	12,533	12,431	12,480	12,592	12,476	12,581	12,728	12,661	12,756	12,900	13,021
Industrial ..... do	2,949	2,962	2,825	2,896	3,005	3,049	3,085	3,136	3,158	3,060	3,058	3,074	3,076	3,149	3,204	3,292
Commercial ♀ ..... do	4,955	5,200	4,828	5,044	5,449	5,671	5,518	5,469	5,515	5,499	5,546	5,668	5,561	5,542	5,562	5,559
Stores, restaurants, and garages ..... do	2,385	2,268	2,030	2,195	2,471	2,611	2,477	2,335	2,333	2,330	2,300	2,351	2,293	2,252	2,268	2,267
Farm construction ..... do	1,282	1,266	1,267	1,267	1,266	1,265	1,264	1,261	1,261	1,258	1,254	1,253	1,252	1,250	1,247	1,242
Public utilities ..... do	4,318	4,494	4,543	4,619	4,704	4,540	4,772	4,473	4,753	4,547	4,547	4,518	4,660	r 4,746	r 4,709	4,716
Public, total ♀ ..... do	17,758	18,679	18,905	18,572	19,348	18,897	19,601	19,584	19,415	19,244	19,254	19,586	20,166	r 19,203	r 20,523	19,623
Nonresidential buildings ..... do	5,145	5,524	5,649	5,358	5,444	5,638	5,815	5,803	6,075	5,761	6,171	5,993	6,259	r 6,040	r 6,511	6,115
Military facilities ..... do	1,222	(1)	1,500	1,489	1,583	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Highways ..... do	6,378	6,670	6,732	6,521	6,973	6,600	7,145	7,254	6,713	6,685	6,169	6,796	7,068	6,410	6,888	(1)
CONSTRUCTION CONTRACTS																
Construction contracts in 48 States (F. W. Dodge Corp.):△																
Valuation, total ..... mil. $	3,442	3,824	4,402	4,125	4,061	3,707	4,313	3,749	3,413	3,346	3,201	4,215	4,359	4,639	4,504	.....
Index (mo. data seas. adj.) ..... 1957-59=100	[3]120	133	135	126	132	128	146	144	148	147	143	140	138	138	138	.....
Public ownership ..... mil. $	1,133	1,229	1,384	1,319	1,318	1,154	1,321	1,157	1,155	1,198	1,041	1,339	1,318	1,535	1,491	.....
Private ownership ..... do	2,309	2,594	3,019	2,805	2,744	2,552	2,992	2,592	2,257	2,149	2,160	2,876	3,042	3,104	3,013	.....
By type of building:																
Nonresidential ..... do	1,084	1,212	1,458	1,271	1,322	1,154	1,331	1,082	1,102	1,158	1,082	1,252	1,420	1,362	1,400	.....
Residential ..... do	1,503	1,716	1,966	1,934	1,883	1,789	2,028	1,519	1,325	1,372	1,427	1,991	2,006	2,050	1,996	.....
Public works ..... do	659	683	812	742	675	662	748	704	629	} 816	692	972	933	1,227	1,108	.....
Utilities ..... do	196	212	167	178	182	102	206	444	356							
Heavy construction:																
New advance planning (ENR)§ ..... do	1,766	2,770	2,072	2,416	2,976	2,666	3,600	4,484	2,656	6,577	3,986	2,664	3,165	3,190	3,143	4,823
Concrete pavement awards:♂																
Total ..... thous. sq. yds.	9,483	10,053	9,793	13,661	9,399	8,142	13,033	8,164	10,389	10,891	6,820	9,057	12,997	10,831	9,463	.....
Airports ..... do	477	482	357	973	184	254	189	199	176	256	225	836	611	240	270	.....
Roads ..... do	6,217	6,411	5,649	7,592	5,613	4,968	8,139	5,115	8,177	[4]8,464	5,159	6,956	9,861	7,714	6,474	.....
Streets and alleys ..... do	2,789	3,160	3,788	5,097	3,603	2,920	4,706	2,850	2,037	[4]2,095	1,197	1,046	2,402	2,716	2,481	.....
Miscellaneous ..... do	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4]76	240	219	124	161	238	.....
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total, incl. farm (public and private) ..... thous.	124.4	134.8	157.3	152.3	147.9	147.3	166.1	121.2	96.8	100.8	101.1	133.3	152.3	157.7	158.0	.....
One-family structures ..... do	83.0	83.8	100.4	98.2	95.8	92.9	102.7	71.9	50.5	55.3	63.7	82.2	r 90.7	99.7	.....	.....
Privately owned ..... do	121.9	132.2	153.4	150.2	144.4	145.3	163.1	119.4	95.1	99.6	100.3	130.1	148.5	154.7	154.9	.....
Total nonfarm (public and private) ..... do	122.4	132.5	155.5	150.7	145.5	144.1	162.8	118.8	94.5	99.5	98.5	131.5	149.5	155.4	155.1	.....
In metropolitan areas ..... do	87.7	94.8	109.2	105.2	100.4	103.7	116.5	83.9	75.5	[5]75.0	73.8	96.6	r 102.5	r 112.6	113.5	.....
Privately owned ..... do	119.9	130.0	151.6	148.6	142.0	142.1	159.8	117.0	92.8	98.3	97.7	128.3	145.7	152.4	152.0	.....
Seasonally adjusted at annual rates:																
Total, including farm (private only) ..... do	.....	.....	1,571	1,588	1,455	1,732	1,847	1,564	1,564	1,718	1,657	1,663	1,531	1,500	1,577	.....
Total nonfarm (private only) ..... do	.....	.....	1,554	1,573	1,434	1,697	1,807	1,533	1,518	1,688	1,613	1,638	1,501	1,478	1,549	.....
New private housing units authorized by bldg. permits (12,000 permit-issuing places):*																
Seasonally adjusted at annual rates:																
Total ..... thous.	[2]1,229	[2r]1,335	1,363	1,308	1,262	1,372	1,412	1,369	1,426	1,314	1,405	1,384	1,256	1,246	1,306	.....
One-family structures ..... do	[2]756	[2r]750	771	735	726	771	756	736	699	710	792	772	704	721	727	.....
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite‡ ..... 1957-59=100	107	109	109	110	110	110	110	110	111	111	111	111	111	112	112	112
American Appraisal Co., The:																
Average, 30 cities ..... 1913=100	756	780	778	782	786	788	790	791	792	792	793	793	794	798	800	806
Atlanta ..... do	832	857	852	856	862	862	863	863	863	863	870	870	870	872	872	872
New York ..... do	836	858	851	851	867	869	872	872	874	884	884	884	884	884	884	893
San Francisco ..... do	720	761	762	770	774	775	778	778	778	778	780	780	780	780	794	799
St. Louis ..... do	741	760	754	754	762	762	765	774	776	779	779	779	777	786	786	786
Associated General Contractors (building only) ..... 1957-59=100	111	114	114	115	115	115	116	116	116	117	117	117	117	118	119	119

r Revised. [1] Not yet available; estimate included in total. [2] Annual total (also for breakdown of new construction value). [3] Computed from cumulative valuation total. [4] Prior to 1964, "miscellaneous" yardage was included with data for roads and streets. [5] Effective Jan. 1964, based on 1963 definitions of metropolitan areas; not strictly comparable with earlier data.

†Revised series. Revised annual totals back to 1946 appear in Construction Report C30-60; revised monthly data back to 1946 will be shown in a Supplement to be issued later by the Bu. of the Census.

♀ Includes data not shown separately. △Monthly averages for 1962 are based on annual totals including revisions not distributed by months.

§ Data for Aug. and Oct. 1963 and Jan., Apr., and July 1964 are for 5 weeks; other months 4 weeks. Comparable data prior to 1961 not available.

♂Data for July, Oct., and Dec. 1963 and Mar. and June 1964 are for 5 weeks; other months, 4 weeks.

*New series (from Bu. of Census reports, Series C-20). The 12,000 permit-issuing places covered by these data account for a major portion (about 83 percent) of private residential building in the United States (1959-63 data for 10,000 places are also provided in Series C-20 reports).

‡Revised to 1957-59 reference base; also reflects revision of basic data.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CONSTRUCTION AND REAL ESTATE—Continued																
CONSTRUCTION COST INDEXES—Con.																
E. H. Boeckh and Associates, Inc.:¶																
Average, 20 cities:																
All types combined ..... 1957-59=100	107.8	110.2	110.3	110.7	110.8	111.2	111.3	111.4	111.5	111.9	111.9	111.9	112.3	112.9	113.6	.....
Apartments, hotels, office buildings ..... do	108.8	111.3	111.4	111.8	112.0	112.3	112.4	112.5	112.6	113.0	113.1	113.1	113.4	114.1	114.8	.....
Commercial and factory buildings ..... do	107.8	110.2	110.3	110.7	110.8	111.2	111.2	111.4	111.5	111.9	111.9	111.9	112.3	112.9	113.6	.....
Residences ..... do	106.3	108.5	108.5	108.8	109.1	109.6	109.7	109.8	109.9	110.2	110.3	110.3	110.7	111.1	111.8	.....
Engineering News-Record:																
Building ..... 1957-59=100	110.1	112.7	112.0	113.1	114.2	114.2	114.6	114.3	114.4	114.6	114.6	115.0	115.3	115.6	116.2	[1] 116.6
Construction ..... do	114.7	118.6	118.3	119.6	120.3	120.3	120.6	120.3	120.4	120.8	121.1	121.4	121.9	122.3	123.1	[1] 124.3
Bu. of Public Roads—Highway construction:																
Composite (avg. for qtr.) ..... 1957-59=100	[2] 98.6	[2] 101.0	99.6	.....	.....	101.7	.....	.....	103.4	.....	.....	102.2	.....	.....	99.3	.....
CONSTRUCTION MATERIALS																
Output index:																
Composite, unadjusted♀ ..... 1947-49=100	134.5	142.9	151.5	151.1	161.7	152.4	163.8	135.8	122.2	127.2	129.8	149.8	158.8	158.6	.....	.....
Seasonally adjusted♀ ..... do	.....	.....	141.6	156.9	147.0	146.2	144.7	142.4	142.3	136.3	147.9	156.0	r 155.9	147.7	.....	.....
Iron and steel products, unadjusted ..... do	131.6	140.7	162.0	162.1	165.8	147.2	154.9	126.0	113.3	118.4	122.7	151.1	r 168.7	164.4	.....	.....
Lumber and wood products, unadj. ..... do	134.6	140.5	133.7	128.6	149.2	147.4	160.7	137.6	130.2	142.6	141.9	158.0	r 158.0	154.6	.....	.....
Portland cement, unadjusted ..... do	167.6	176.1	209.3	220.1	224.0	207.5	219.1	181.7	143.5	113.2	118.0	147.7	176.4	205.9	.....	.....
REAL ESTATE																
Mortgage applications for new home construction:																
Applications for FHA commitments ..... thous. units	18.4	15.8	17.5	17.1	16.4	14.8	15.0	11.4	10.3	11.5	14.4	19.0	18.7	15.8	17.9	15.2
Seasonally adjusted annual rate ..... do	.....	.....	195	182	172	173	176	190	183	178	193	190	190	173	177	162
Requests for VA appraisals ..... do	14.3	11.6	11.8	11.9	13.3	11.3	11.2	8.3	9.1	9.1	9.4	11.3	11.1	9.5	10.8	10.7
Seasonally adjusted annual rate ..... do	.....	.....	123	122	133	140	140	145	159	138	135	124	111	99	103	109
Home mortgages insured or guaranteed by—																
Fed. Hous. Adm.: Face amount ..... mil. $	439.24	464.09	419.35	511.16	507.76	565.00	567.53	444.50	486.68	543.00	439.85	483.39	483.67	456.89	570.30	616.55
Vet. Adm.: Face amount§ ..... do	221.01	253.76	225.60	265.14	278.14	267.35	316.01	258.21	255.35	267.77	201.31	208.70	206.20	192.02	232.60	.....
Federal Home Loan Banks, outstanding advances to member institutions ..... mil. $	[3] 3,479	[3] 4,784	3,270	3,548	3,758	4,024	4,226	4,290	4,784	4,414	4,216	4,168	4,444	4,395	4,769	.....
New mortgage loans of all savings and loan associations, estimated total ..... mil. $	1,730	2,061	2,242	2,341	2,428	2,196	2,387	1,856	2,118	1,716	1,712	2,071	2,081	r 2,145	2,401	.....
By purpose of loan:																
Home construction ..... do	498	586	638	619	623	642	685	502	620	434	474	621	579	r 597	630	.....
Home purchase ..... do	710	827	936	1,003	1,071	928	977	757	776	696	674	784	831	r 881	1,053	.....
All other purposes ..... do	521	648	668	719	734	626	725	597	722	586	564	666	671	r 667	718	.....
New nonfarm mortgages recorded ($20,000 and under), estimated total ..... mil. $	2,849	3,077	3,177	3,515	3,525	3,177	3,534	2,880	2,987	2,758	2,575	2,935	.....	.....	.....	.....
Nonfarm foreclosures ..... number	7,204	8,183	8,059	8,347	8,463	7,898	8,461	7,959	7,931	8,530	8,097	8,711	.....	.....	.....	.....
Fire losses (on bldgs., contents, etc.) ..... mil. $	105.42	117.13	106.68	100.93	113.73	98.35	109.52	94.91	113.12	139.33	118.85	126.45	124.93	105.98	108.56	.....
DOMESTIC TRADE																
ADVERTISING																
Printers' Ink advertising index, seas. adj.:‡																
Combined index ..... 1957-59=100	113	118	118	120	119	124	119	114	124	120	123	r 123	125	.....	.....	.....
Business papers ..... do	108	112	110	114	109	115	113	113	117	112	108	113	108	.....	.....	.....
Magazines ..... do	119	127	129	132	127	131	127	131	134	126	128	133	128	.....	.....	.....
Newspapers ..... do	102	96	94	98	97	103	95	90	106	102	103	99	107	.....	.....	.....
Outdoor ..... do	88	88	87	88	81	79	101	83	85	72	87	91	104	.....	.....	.....
Radio (network) ..... do	75	95	96	102	118	106	101	86	106	78	84	83	76	.....	.....	.....
Television (network) ..... do	118	144	144	143	147	151	142	125	146	151	160	r 158	160	.....	.....	.....
Television advertising:																
Network (major national networks):																
Gross time costs, total ..... mil. $	[2] 199.7	[2] 208.2	207.2	.....	.....	200.8	.....	.....	220.8	.....	.....	224.1	.....	.....	.....	.....
Automotive, incl. accessories ..... do	[2] 13.1	[2] 14.6	13.9	.....	.....	13.3	.....	.....	16.3	.....	.....	15.2	.....	.....	.....	.....
Drugs and toiletries ..... do	[2] 63.3	[2] 69.6	67.8	.....	.....	67.9	.....	.....	72.3	.....	.....	74.5	.....	.....	.....	.....
Foods, soft drinks, confectionery ..... do	[2] 39.5	[2] 39.9	38.3	.....	.....	39.1	.....	.....	43.0	.....	.....	45.3	.....	.....	.....	.....
Soaps, cleansers, etc ..... do	[2] 20.9	[2] 21.9	22.0	.....	.....	22.6	.....	.....	21.6	.....	.....	24.4	.....	.....	.....	.....
Smoking materials ..... do	[2] 22.2	[2] 23.9	23.0	.....	.....	24.2	.....	.....	25.0	.....	.....	28.0	.....	.....	.....	.....
All other ..... do	[2] 40.8	[2] 38.4	42.3	.....	.....	33.8	.....	.....	42.6	.....	.....	36.8	.....	.....	.....	.....
Spot (natl. and regional, cooperating stations):																
Gross time costs, total ..... mil. $	[2] 180.3	[2] 217.8	223.1	.....	.....	185.3	.....	.....	242.9	.....	.....	.....	.....	.....	.....	.....
Automotive, incl. accessories ..... do	[2] 5.9	[2] 8.1	9.1	.....	.....	7.6	.....	.....	8.4	.....	.....	.....	.....	.....	.....	.....
Drugs and toiletries ..... do	[2] 36.1	[2] 42.8	39.0	.....	.....	34.9	.....	.....	48.7	.....	.....	.....	.....	.....	.....	.....
Foods, soft drinks, confectionery ..... do	[2] 60.4	[2] 73.0	72.4	.....	.....	60.2	.....	.....	82.3	.....	.....	.....	.....	.....	.....	.....
Soaps, cleansers, etc ..... do	[2] 21.1	[2] 22.9	25.7	.....	.....	22.4	.....	.....	20.3	.....	.....	.....	.....	.....	.....	.....
Smoking materials ..... do	[2] 7.4	[2] 9.7	11.2	.....	.....	8.6	.....	.....	10.1	.....	.....	.....	.....	.....	.....	.....
All other ..... do	[2] 49.4	[2] 61.2	65.6	.....	.....	51.5	.....	.....	73.1	.....	.....	.....	.....	.....	.....	.....
Magazine advertising (general and natl. farm magazines):																
Cost, total ..... mil. $	73.0	77.6	74.8	57.0	54.5	82.1	99.6	103.2	77.2	54.0	73.0	86.7	93.3	102.7	83.5	.....
Apparel and accessories ..... do	4.6	4.8	2.7	.9	5.1	9.1	7.0	5.7	3.9	2.0	3.3	6.7	7.5	6.3	2.2	.....
Automotive, incl. accessories ..... do	7.9	8.5	7.3	4.7	3.8	6.1	14.8	12.7	5.9	7.0	9.1	9.8	10.6	11.5	8.9	.....
Building materials ..... do	2.3	2.2	2.6	1.5	1.4	3.0	2.2	1.8	1.5	.9	1.8	2.3	3.5	3.6	3.0	.....
Drugs and toiletries ..... do	7.1	8.0	8.7	7.1	6.4	8.0	9.9	10.8	9.9	6.2	8.0	9.1	8.6	9.8	9.5	.....
Foods, soft drinks, confectionery ..... do	10.6	10.4	10.2	9.0	7.8	8.9	12.4	13.6	11.0	9.0	10.9	12.8	11.8	12.9	11.6	.....
Beer, wine, liquors ..... do	4.5	4.7	5.1	4.2	2.9	4.2	5.5	6.9	8.8	1.7	3.3	4.2	4.5	5.2	4.8	.....
Household equip., supplies, furnishings ..... do	4.9	5.5	5.7	4.2	2.8	5.8	8.4	7.7	4.4	2.7	3.6	5.6	7.1	9.6	7.7	.....
Industrial materials ..... do	3.7	3.7	4.0	3.0	3.0	4.5	5.1	5.5	2.8	1.8	3.1	3.4	4.9	5.4	4.6	.....
Soaps, cleansers, etc ..... do	.8	1.0	1.0	.7	.7	1.0	1.4	1.4	.4	.7	.9	1.0	2.1	1.9	1.2	.....
Smoking materials ..... do	2.8	3.0	3.4	2.8	2.7	3.0	3.3	3.9	3.8	2.4	3.1	2.8	2.7	3.2	3.7	.....
All other ..... do	23.8	25.8	24.0	19.0	17.9	28.4	29.6	33.2	24.8	19.7	26.0	28.9	30.0	33.2	26.3	.....

r Revised. [1] Index as of August 1, 1964: Building, 116.9; construction, 124.7.
[2] Annual average based on quarterly data. [3] End of year.
¶Copyrighted data; see last paragraph of headnote, p. S-1.

♀ Includes data for items not shown separately.
§ Data include guaranteed direct loans sold; these became sizable after 1962.
‡Revisions for Jan. and Feb. 1963 are available upon request.

DOMESTIC TRADE—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
ADVERTISING—Continued																
Newspaper advertising linage (52 cities):																
Total ..... mil. lines	233.2	238.0	243.1	212.5	231.1	246.7	267.7	258.4	260.6	210.6	210.4	248.0	265.1	275.9	247.0	.....
Classified ..... do	60.5	62.5	67.5	63.6	66.8	65.0	65.9	61.8	53.8	59.8	60.9	66.3	68.6	74.8	68.4	.....
Display, total ..... do	172.7	175.6	175.6	148.9	164.3	181.7	201.8	196.6	206.7	150.8	149.5	181.7	196.5	201.1	178.6	.....
Automotive ..... do	12.4	12.5	14.1	11.6	11.2	12.7	16.0	13.0	8.7	10.6	12.1	12.7	15.7	17.1	16.2	.....
Financial ..... do	4.8	4.9	4.9	5.5	3.7	4.7	5.5	4.7	5.3	6.8	4.2	5.4	5.6	4.8	5.2	.....
General ..... do	25.1	23.8	25.5	19.2	18.7	26.2	28.9	25.8	24.0	18.2	20.8	25.4	28.8	29.2	25.9	.....
Retail ..... do	130.3	134.3	131.0	112.6	130.7	138.1	151.4	153.1	168.8	115.2	112.3	138.2	146.4	150.0	131.3	.....
RETAIL TRADE																
All retail stores:																
Estimated sales (unadj.), total ..... mil. $	19,613	20,536	20,737	20,540	21,018	19,267	21,528	21,494	25,104	19,154	18,758	20,502	21,186	r22,508	r22,141	[1] 22,129
Durable goods stores ♀ ..... do	6,245	6,675	7,044	6,976	6,556	5,999	7,599	6,985	7,208	6,031	6,122	6,741	7,360	r7,693	r7,682	[1] 7,463
Automotive group ..... do	3,566	3,830	4,126	4,003	3,529	2,990	4,387	3,949	3,690	3,677	3,684	4,058	4,453	r4,551	r4,355	[1] 4,185
Passenger car, other auto. dealers ..... do	3,344	3,600	3,865	3,746	3,288	2,779	4,148	3,712	3,377	3,488	3,505	3,847	4,215	r4,289	4,079	.....
Tire, battery, accessory dealers ..... do	222	230	261	257	241	211	239	237	313	189	179	211	238	r262	276	.....
Furniture and appliance group ..... do	901	968	933	965	992	980	1,095	1,077	1,333	905	920	973	1,004	r1,043	r1,112	[1] 1,094
Furniture, homefurnishings stores ..... do	583	622	599	608	651	647	719	703	799	584	600	638	663	685	725	.....
Household appliance, TV, radio ..... do	318	346	334	357	341	333	376	374	543	321	320	335	341	r358	387	.....
Lumber, building, hardware group ..... do	947	964	1,050	1,100	1,138	1,055	1,119	1,002	918	712	709	798	938	r1,047	1,119	.....
Lumber, bldg. materials dealers♂ ..... do	728	743	819	876	911	842	897	771	610	536	542	616	721	r801	872	.....
Hardware stores ..... do	219	221	231	224	227	213	222	231	308	176	167	182	217	r246	247	.....
Nondurable goods stores ♀ ..... do	13,367	13,861	13,693	13,564	14,462	13,268	13,929	14,509	17,896	13,123	12,636	13,761	13,826	r14,815	r14,459	[1] 14,666
Apparel group ..... do	1,195	1,205	1,127	1,010	1,167	1,161	1,191	1,308	2,172	1,026	927	1,283	1,140	1,282	r1,237	[1] 1,103
Men's and boys' wear stores ..... do	228	232	239	200	209	203	218	254	471	208	176	206	204	r240	254	.....
Women's apparel, accessory stores ..... do	456	466	421	390	446	448	472	509	834	407	375	502	463	506	468	.....
Family and other apparel stores ..... do	301	300	265	241	300	296	304	343	572	234	220	309	262	r303	293	.....
Shoe stores ..... do	209	207	202	179	212	214	197	202	295	177	156	266	211	r233	222	.....
Drug and proprietary stores ..... do	669	681	664	660	680	647	667	666	906	671	656	680	665	r713	r709	[1] 709
Eating and drinking places ..... do	1,442	1,506	1,592	1,646	1,698	1,526	1,556	1,486	1,533	1,436	1,386	1,485	1,547	1,650	r1,693	[1] 1,823
Food group ..... do	4,801	4,929	4,957	5,003	5,318	4,684	4,910	5,153	5,194	5,018	4,849	4,891	4,898	r5,248	r5,087	[1] 5,375
Grocery stores ..... do	4,344	4,463	4,483	4,502	4,828	4,238	4,449	4,689	4,679	4,558	4,395	4,406	4,414	r4,739	r4,578	[1] 4,857
Gasoline service stations ..... do	1,554	1,614	1,659	1,712	1,730	1,599	1,649	1,625	1,713	1,566	1,480	1,585	1,617	r1,708	r1,740	[1] 1,818
General merchandise group ♀ ..... do	2,267	2,388	2,266	2,108	2,444	2,275	2,417	2,728	4,399	1,872	1,875	2,303	2,310	r2,479	r2,479	[1] 2,318
Department stores ..... do	1,320	1,390	1,340	1,212	1,408	1,340	1,404	1,590	2,625	1,094	1,069	1,336	1,366	r1,463	r1,470	[1] 1,357
Mail order houses (dept. store mdse.) ..... do	163	177	141	148	183	172	197	248	307	140	146	178	179	173	170	.....
Variety stores ..... do	371	385	357	341	390	354	378	414	793	289	313	389	361	r399	398	.....
Liquor stores ..... do	450	472	450	474	489	437	466	510	724	433	427	434	446	r485	472	.....
Estimated sales (seas. adj.), total‡ ..... do	.....	.....	20,486	20,719	20,666	20,426	20,716	20,558	21,019	21,000	21,533	21,223	21,392	r21,777	r21,675	[1] 21,928
Durable goods stores ♀ ..... do	.....	.....	6,630	6,773	6,562	6,606	6,941	6,734	6,831	6,855	7,262	6,939	7,016	r7,218	r6,969	[1] 7,118
Automotive group ..... do	.....	.....	3,843	3,940	3,733	3,717	3,980	3,791	3,935	3,951	4,162	3,894	4,026	r4,126	3,856	.....
Passenger car, other auto. dealers ..... do	.....	.....	3,607	3,709	3,512	3,495	3,748	3,556	3,685	3,711	3,925	3,646	3,788	r3,880	3,617	.....
Tire, battery, accessory dealers ..... do	.....	.....	236	231	221	222	232	235	250	240	237	248	238	r246	239	.....
Furniture and appliance group ..... do	.....	.....	935	979	939	985	1,028	986	1,021	1,019	1,073	1,088	1,095	r1,080	1,108	.....
Furniture, homefurnishings stores ..... do	.....	.....	611	613	611	648	666	640	637	671	707	711	701	699	725	.....
Household appliance, TV, radio ..... do	.....	.....	324	366	328	337	362	346	384	348	366	377	394	r381	383	.....
Lumber, building, hardware group ..... do	.....	.....	962	958	992	975	986	994	952	949	1,007	936	912	r974	983	.....
Lumber, bldg. materials dealers♂ ..... do	.....	.....	750	746	771	761	764	754	716	730	779	727	707	r754	759	.....
Hardware stores ..... do	.....	.....	212	212	221	214	222	240	236	219	228	209	205	r220	224	.....
Nondurable goods stores ♀ ..... do	.....	.....	13,856	13,946	14,104	13,820	13,775	13,824	14,188	14,145	14,271	14,284	14,382	r14,559	r14,706	[1] 14,810
Apparel group ..... do	.....	.....	1,179	1,214	1,259	1,204	1,150	1,186	1,250	1,250	1,291	1,228	1,272	1,295	1,320	.....
Men's and boys' wear stores ..... do	.....	.....	222	239	247	238	217	224	239	231	246	233	241	r250	244	.....
Women's apparel, accessory stores ..... do	.....	.....	471	475	480	465	451	463	482	497	505	477	504	502	525	.....
Family and other apparel stores ..... do	.....	.....	287	298	323	303	286	294	307	302	326	292	308	r320	328	.....
Shoe stores ..... do	.....	.....	199	202	209	198	196	205	222	220	214	226	219	r223	223	.....
Drug and proprietary stores ..... do	.....	.....	674	674	685	688	683	677	694	694	666	702	689	r713	726	.....
Eating and drinking places ..... do	.....	.....	1,511	1,497	1,519	1,470	1,530	1,506	1,528	1,580	1,593	1,584	1,599	1,589	1,605	.....
Food group ..... do	.....	.....	4,923	5,030	4,996	4,897	4,943	4,973	4,991	5,031	4,991	5,112	5,064	r5,034	5,175	.....
Grocery stores ..... do	.....	.....	4,456	4,540	4,527	4,441	4,484	4,512	4,523	4,548	4,513	4,605	4,574	r4,540	4,670	.....
Gasoline service stations ..... do	.....	.....	1,584	1,602	1,612	1,605	1,618	1,638	1,681	1,638	1,641	1,629	1,674	r1,670	1,669	.....
General merchandise group ♀ ..... do	.....	.....	2,409	2,415	2,475	2,390	2,303	2,355	2,474	2,481	2,592	2,489	2,514	r2,589	2,607	.....
Department stores ..... do	.....	.....	1,414	1,403	1,452	1,386	1,321	1,355	1,457	1,464	1,538	1,467	1,467	r1,543	1,521	.....
Mail order houses (dept. store mdse.) ..... do	.....	.....	174	185	189	181	173	183	184	181	197	188	192	190	200	.....
Variety stores ..... do	.....	.....	389	385	387	386	390	381	397	410	408	404	421	r420	430	.....
Liquor stores ..... do	.....	.....	475	481	476	466	478	473	483	471	482	491	486	r495	503	.....
Estimated inventories, end of year or month:†																
Book value (unadjusted), total ..... mil. $	27,071	27,826	28,041	27,957	27,575	27,894	29,134	29,989	27,826	r28,018	r28,692	r29,496	r29,840	r29,621	29,395	.....
Durable goods stores ♀ ..... do	11,472	11,722	11,896	11,837	11,105	10,880	11,400	11,910	11,722	12,018	12,343	12,696	12,795	r12,768	12,682	.....
Automotive group ..... do	4,778	5,146	5,147	5,129	4,281	4,098	4,488	4,846	5,146	5,439	5,729	5,919	5,917	r5,850	5,803	.....
Furniture and appliance group ..... do	1,861	1,858	1,852	1,840	1,888	1,904	1,968	1,999	1,858	1,824	1,839	1,903	1,933	1,942	1,918	.....
Lumber, building, hardware group ..... do	2,264	2,231	2,362	2,322	2,313	2,299	2,273	2,283	2,231	2,248	2,291	2,393	2,440	2,444	2,441	.....
Nondurable goods stores ♀ ..... do	15,599	16,104	16,145	16,120	16,470	17,014	17,734	18,079	16,104	r16,000	r16,349	r16,800	r17,045	r16,853	16,713	.....
Apparel group ..... do	3,405	3,477	3,396	3,399	3,629	3,858	4,006	4,044	3,477	3,443	3,609	3,710	3,757	3,667	3,593	.....
Food group ..... do	3,395	3,546	3,656	3,546	3,486	3,530	3,660	3,700	3,546	3,549	3,639	3,697	3,692	3,674	3,665	.....
General merchandise group ..... do	4,495	4,629	4,771	4,772	4,959	5,255	5,628	5,753	4,629	r4,602	r4,671	r4,874	r5,012	r4,954	4,905	.....
Department stores* ..... do	2,266	2,395	2,392	2,414	2,518	2,704	2,953	3,036	2,395	r2,400	r2,446	r2,556	r2,613	r2,608	2,553	.....
Book value (seas. adj.), total ..... do	27,938	28,691	28,124	28,259	28,148	28,147	28,357	28,651	28,691	r29,030	r28,954	r28,969	r29,242	r29,295	29,465	.....
Durable goods stores ♀ ..... do	11,728	11,965	11,614	11,673	11,604	11,605	11,664	11,856	11,965	12,109	12,103	12,236	12,340	r12,320	12,387	.....
Automotive group ..... do	4,861	5,224	4,869	4,922	4,810	4,890	4,959	5,101	5,224	5,281	5,285	5,430	5,479	r5,407	5,511	.....
Furniture and appliance group ..... do	1,899	1,894	1,859	1,862	1,892	1,874	1,896	1,904	1,894	1,892	1,902	1,916	1,920	1,944	1,932	.....
Lumber, building, hardware group ..... do	2,349	2,314	2,318	2,299	2,318	2,322	2,301	2,320	2,314	2,330	2,331	2,335	2,351	2,364	2,388	.....

r Revised. [1] Advance estimate. ♀ Includes data not shown separately. ♂ Comprises lumber yards, building materials dealers, and paint, plumbing, and electrical stores.
‡Revised (back to Jan. 1953) to reflect use of new seasonal factors and new adjustments for trading day differences. Revisions for periods not shown here appear in the July 1963 Census report, "Monthly Retail Trade Report, Adjusted Sales, Supplement."

†Revised series. Revised to take account of the latest (1962) Annual Survey of Retail Trade benchmark data, and to reflect new seasonal factors beginning 1956. Data for earlier periods appear on pp. 16–19 of the Dec. 1963 SURVEY.
*New series; for earlier periods back to Dec. 1956 see p. 32 of the Apr. 1964 SURVEY.

DOMESTIC TRADE—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
RETAIL TRADE—Continued																
All retail stores—Continued																
Estimated inventories, end of year or month§—Continued																
Book value (seas. adj.)—Continued																
Nondurable goods stores♀ ..... mil. $	16,210	16,726	16,510	16,586	16,544	16,542	16,693	16,795	16,726	r16,921	r16,851	r16,733	r16,992	r16,885	17,078	.....
Apparel group ..... do	3,569	3,641	3,560	3,616	3,600	3,619	3,655	3,686	3,641	3,742	3,755	3,692	3,731	3,708	3,770	.....
Food group ..... do	3,405	3,560	3,663	3,604	3,546	3,541	3,571	3,578	3,560	3,655	3,679	3,679	3,666	3,652	3,665	.....
General merchandise group ..... do	4,897	5,037	4,943	4,923	4,931	4,976	5,045	5,108	5,037	r5,078	r4,929	r4,901	r4,975	r4,972	5,075	.....
Department stores* ..... do	2,466	2,603	2,513	2,536	2,531	2,556	2,609	2,654	2,603	r2,679	r2,622	r2,564	r2,557	r2,660	2,668	.....
Firms with 4 or more stores:																
Estimated sales (unadjusted), total ..... do	5,472	5,813	5,685	5,518	6,094	5,546	5,947	6,411	8,239	5,328	5,143	5,773	5,819	r6,253	6,100	.....
Firms with 11 or more stores:																
Estimated sales (unadj.), total♀ ..... do	4,631	4,857	4,767	4,601	5,107	4,611	4,915	5,364	6,943	4,478	4,330	4,859	4,858	5,233	5,107	.....
Apparel group♀ ..... do	307	316	307	263	310	309	311	348	567	247	228	365	304	350	335	.....
Men's and boys' wear stores ..... do	29	30	30	25	25	25	30	34	60	26	22	29	26	33	32	.....
Women's apparel, accessory stores ..... do	124	134	130	115	138	128	131	152	246	97	95	147	132	148	144	.....
Shoe stores ..... do	90	88	87	71	84	93	83	83	133	73	66	119	86	100	94	.....
Drug and proprietary stores ..... do	137	144	141	138	143	135	138	143	226	140	138	148	141	152	152	.....
Eating and drinking places ..... do	100	104	108	111	115	107	109	105	107	102	100	111	111	120	131	.....
Furniture, homefurnishings stores ..... do	40	42	41	38	44	41	51	52	51	32	39	45	44	47	46	.....
General merchandise group♀ ..... do	1,464	1,585	1,516	1,415	1,641	1,526	1,615	1,843	2,995	1,262	1,246	1,564	1,592	1,696	1,698	.....
Dept. stores, excl. mail order sales ..... do	901	985	965	879	1,015	961	1,000	1,137	1,850	790	763	968	1,002	1,074	1,075	.....
Variety stores ..... do	284	295	276	263	301	272	292	321	611	216	238	304	281	306	304	.....
Grocery stores ..... do	1,920	1,974	1,950	1,915	2,137	1,825	1,965	2,140	2,081	2,086	1,982	1,970	1,975	2,125	1,981	.....
Lumber yards, bldg. materials dealers♂ ..... do	62	63	73	75	76	71	75	64	50	46	47	52	61	69	79	.....
Tire, battery, accessory dealers ..... do	90	91	103	102	94	83	93	94	132	75	72	82	96	106	115	.....
Estimated sales (seas. adj.), total♀† ..... do	.....	.....	4,848	4,914	4,983	4,871	4,809	4,922	5,043	5,089	5,111	5,126	5,105	5,165	5,240	.....
Apparel group♀ ..... do	.....	.....	311	324	341	316	298	310	326	336	337	326	343	348	349	.....
Men's and boys' wear stores ..... do	.....	.....	28	33	33	31	29	27	29	31	33	29	31	34	32	.....
Women's apparel, accessory stores ..... do	.....	.....	136	141	147	132	125	135	137	139	140	136	151	146	153	.....
Shoe stores ..... do	.....	.....	83	82	90	87	84	83	92	94	90	98	91	95	91	.....
Drug and proprietary stores ..... do	.....	.....	144	145	150	147	146	144	147	152	148	157	147	157	156	.....
Eating and drinking places ..... do	.....	.....	104	105	107	105	107	105	106	111	110	112	112	115	127	.....
Furniture, homefurnishings stores ..... do	.....	.....	42	40	44	42	46	44	42	41	47	46	46	45	46	.....
General merchandise group♀ ..... do	.....	.....	1,593	1,604	1,646	1,605	1,523	1,600	1,674	1,698	1,743	1,721	1,718	1,768	1,759	.....
Dept. stores, excl. mail order sales ..... do	.....	.....	990	995	1,035	1,000	932	993	1,050	1,057	1,090	1,075	1,049	1,110	1,087	.....
Variety stores ..... do	.....	.....	297	295	294	297	298	296	305	318	318	319	329	320	324	.....
Grocery stores ..... do	.....	.....	1,964	1,992	2,007	1,970	1,993	2,015	2,017	2,041	2,018	2,055	2,030	1,999	2,066	.....
Lumber yards, bldg. materials dealers♂ ..... do	.....	.....	65	64	63	63	64	63	61	63	67	62	61	64	67	.....
Tire, battery, accessory dealers ..... do	.....	.....	93	92	88	89	91	92	99	99	98	96	96	99	100	.....
All retail stores, accounts receivable, end of mo.:																
Total ..... mil. $	[1]14,299	[1]15,484	13,799	13,781	14,016	13,990	14,269	14,361	15,484	14,628	14,123	14,335	14,638	r15,197	15,089	.....
Durable goods stores ..... do	6,241	6,626	6,339	6,457	6,559	6,532	6,588	6,456	6,626	6,259	6,083	6,131	6,218	r6,491	6,533	.....
Nondurable goods stores ..... do	8,058	8,858	7,460	7,324	7,457	7,458	7,681	7,905	8,858	8,369	8,040	8,204	8,420	r8,706	8,556	.....
Charge accounts ..... do	7,441	7,826	7,147	7,157	7,264	7,178	7,381	7,381	7,826	7,409	7,126	7,221	7,431	r7,718	7,614	.....
Installment accounts ..... do	6,858	7,658	6,652	6,624	6,752	6,812	6,888	6,980	7,658	7,219	6,997	7,114	7,207	r7,479	7,475	.....
Department stores:																
Ratio of collections to accounts receivable:																
Charge accounts ..... percent	48	49	48	49	50	48	50	50	49	49	48	50	48	48	51	.....
Installment accounts ..... do	17	17	16	17	17	17	18	17	18	17	16	18	18	17	18	.....
Sales by type of payment:																
Cash sales ..... percent of total sales	43	43	43	43	44	42	41	43	45	43	42	43	42	43	44	.....
Charge account sales ..... do	40	39	39	39	39	40	41	39	38	37	39	39	40	40	38	.....
Installment sales ..... do	17	18	18	18	17	18	18	18	17	20	19	18	18	17	18	.....

EMPLOYMENT AND POPULATION

POPULATION																
Population, U.S. (incl. Alaska and Hawaii):																
Total, incl. armed forces overseas⊙ ..... mil	[2]186.66	[2]189.38	189.16	189.38	189.62	189.89	190.14	190.39	190.61	190.81	191.01	191.23	191.44	191.64	191.85	192.07
EMPLOYMENT																
Noninstitutional population, est. number 14 years of age and over, total, unadj ..... mil	130.08	132.12	132.04	132.20	132.34	132.50	132.68	132.85	133.02	133.20	133.36	133.52	133.68	133.87	134.04	134.22
Total labor force, incl. armed forces ..... thous	74,681	75,712	77,901	77,917	77,167	75,811	76,086	76,000	75,201	74,514	75,259	75,553	76,544	77,490	79,389	78,958
Civilian labor force, total ..... do	71,854	72,975	75,165	75,173	74,418	73,062	73,344	73,261	72,461	71,793	72,527	72,810	73,799	74,742	76,645	76,218
Employed, total ..... do	67,846	68,809	70,319	70,851	70,561	69,546	69,891	69,325	68,615	67,228	68,002	68,517	69,877	71,101	71,953	72,405
Agricultural employment ..... do	5,190	4,946	5,954	5,969	5,496	5,326	5,350	4,777	4,039	3,993	3,931	4,017	4,429	5,007	5,853	5,819
Nonagricultural employment ..... do	62,657	63,863	64,365	64,882	65,065	64,220	64,541	64,548	64,576	63,234	64,071	64,500	65,448	66,094	66,100	66,586
Unemployed (all civilian workers) ..... do	4,007	4,166	4,846	4,322	3,857	3,516	3,453	3,936	3,846	4,565	4,524	4,293	3,921	3,640	4,692	3,813
Long-term (15 weeks and over) ..... do	1,119	1,088	1,016	933	949	886	919	864	928	1,106	1,163	1,322	1,237	1,084	1,007	857
Percent of civilian labor force	5.6	5.7	6.4	5.7	5.2	4.8	4.7	5.4	5.3	6.4	6.2	5.9	5.3	4.9	6.1	5.0
Not in labor force ..... thous	55,400	56,412	54,135	54,279	55,178	56,686	56,596	56,852	57,824	58,685	58,099	57,965	57,135	56,376	54,652	55,258
Civilian labor force, seasonally adj‡ ..... do	.....	.....	72,891	73,207	72,988	73,091	73,168	73,572	73,224	73,667	73,835	73,760	74,583	74,595	74,340	74,230
Employed, total ..... do	.....	.....	68,767	69,161	68,941	69,044	69,067	69,222	69,205	69,567	69,832	69,807	70,559	70,754	70,387	70,591
Agricultural employment ..... do	.....	.....	4,924	5,009	4,872	4,877	4,939	4,903	4,890	4,936	4,797	4,600	4,748	4,865	4,838	4,885
Nonagricultural employment ..... do	.....	.....	63,843	64,092	64,069	64,167	64,128	64,319	64,315	64,631	65,035	65,207	65,811	65,889	65,549	65,706
Unemployed (all civilian workers) ..... do	.....	.....	4,124	4,106	4,047	4,047	4,101	4,350	4,019	4,100	4,003	3,953	4,024	3,841	3,953	3,639
Long-term (15 weeks and over) ..... do	.....	.....	1,080	1,042	1,083	1,078	1,114	1,060	1,022	1,105	1,007	1,047	927	934	1,070	958
Rates (percent of those in group):																
All civilian workers	.....	.....	5.7	5.6	5.5	5.5	5.6	5.9	5.5	5.6	5.4	5.4	5.4	5.1	5.3	4.9
Experienced wage and salary workers	5.5	5.5	5.6	5.4	5.4	5.4	5.5	5.7	5.3	5.3	5.2	5.1	5.0	4.8	5.3	4.8

r Revised. [1] End of year. [2] As of July 1. §See note marked "†" on p. S-11.
♀Includes data not shown separately. *New series; see corresponding note on p. S-11.
♂Comprises lumber yards, building materials dealers, and paint, plumbing, and electrical stores. †See note marked "‡" on p. S-11.
⊙Revisions for May 1960–Nov. 1962 are available upon request.
‡Revised monthly data (back to Apr. 1948) appear in the "Monthly Report on the Labor Force," Jan. 1964, U.S. Dept. of Labor, Wash., D.C., 20210.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p

EMPLOYMENT AND POPULATION—Continued

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p
EMPLOYMENT—Continued																
Employees on payrolls (nonagricultural estab.):†																
Total, unadjusted† ..... thous..	55,841	57,174	57,609	57,422	57,651	58,211	58,426	58,220	58,585	56,909	57,045	57,388	57,945	r 58,500	r 59,178	58,968
Manufacturing establishments ..... do....	16,859	17,035	17,111	17,050	17,199	17,398	17,367	17,229	17,139	16,935	16,982	17,051	17,106	r 17,186	r 17,396	17,326
Durable goods industries ..... do....	9,493	9,659	9,738	9,666	9,609	9,801	9,811	9,789	9,765	9,666	9,676	9,734	9,801	r 9,844	r 9,942	9,877
Nondurable goods industries ..... do....	7,367	7,376	7,373	7,384	7,590	7,597	7,556	7,440	7,374	7,269	7,306	7,317	7,305	7,342	7,454	7,449
Mining, total ♀ ..... do....	652	634	650	641	646	641	637	634	631	614	611	611	624	631	r 647	641
Metal mining ..... do....	83	82	84	84	85	84	84	84	83	82	83	83	85	86	88	.....
Coal mining ..... do....	152	139	139	126	135	134	136	136	137	135	134	130	129	128	129	.....
Crude petroleum and natural gas ..... do....	299	293	300	302	298	295	290	292	295	290	287	288	289	291	301	.....
Contract construction ..... do....	2,909	3,029	3,232	3,364	3,437	3,378	3,333	3,176	2,925	2,628	2,681	2,760	2,977	r 3,191	r 3,365	3,492
Transportation and public utilities ♀ ..... do....	3,903	3,913	3,954	3,975	3,976	3,982	3,968	3,944	3,931	3,876	3,879	3,883	3,922	r 3,949	r 4,001	4,024
Railroad transportation ..... do....	797	774	789	790	791	780	776	770	773	755	753	754	762	r 764	769	.....
Local and interurban passenger transit .. do....	271	273	269	258	258	276	278	279	282	284	283	273	278	279	272	.....
Motor freight trans. and storage ..... do....	880	898	912	920	921	934	936	925	913	885	888	889	899	r 913	946	.....
Air transportation ..... do....	200	210	211	212	212	212	212	213	214	215	214	215	217	219	221	.....
Telephone communication ..... do....	688	688	692	701	699	693	691	685	685	685	688	691	699	r 701	708	.....
Electric, gas, and sanitary services ..... do....	611	612	619	626	626	618	611	611	610	609	608	609	611	613	623	.....
Wholesale and retail trade ..... do....	11,582	11,865	11,848	11,832	11,878	11,942	12,014	12,166	12,774	11,917	11,837	11,926	11,987	r 12,100	r 12,228	12,220
Wholesale trade ..... do....	3,061	3,143	3,132	3,168	3,196	3,199	3,208	3,208	3,238	3,201	3,187	3,188	3,195	r 3,207	r 3,249	3,285
Retail trade ..... do....	8,521	8,722	8,716	8,664	8,682	8,743	8,806	8,958	9,536	8,716	8,650	8,738	8,792	r 8,893	r 8,979	8,935
Finance, insurance, and real estate ..... do....	2,798	2,866	2,885	2,916	2,919	2,887	2,884	2,878	2,880	2,875	2,885	2,895	2,913	r 2,924	r 2,957	2,996
Services and miscellaneous ..... do....	7,949	8,297	8,423	8,474	8,457	8,436	8,472	8,406	8,379	8,313	8,362	8,415	8,543	r 8,641	r 8,733	8,773
Government ..... do....	9,188	9,535	9,506	9,170	9,139	9,547	9,751	9,787	9,926	9,751	9,808	9,847	9,873	r 9,878	r 9,851	9,496
Total, seasonally adjusted† ..... do....	[1] 55,841	[1] 57,174	57,194	57,340	57,344	57,453	57,646	57,580	57,748	57,850	58,183	58,327	58,502	r 58,590	r 58,750	58,888
Manufacturing establishments ..... do....	16,859	17,035	17,075	17,103	17,033	17,076	17,119	17,061	17,127	17,119	17,175	17,242	17,301	17,323	r 17,360	17,380
Durable goods industries ..... do....	9,493	9,659	9,685	9,701	9,652	9,705	9,718	9,688	9,737	9,726	9,750	9,814	9,868	r 9,853	r 9,886	9,913
Ordnance and accessories ..... do....	271	277	278	277	275	275	277	275	276	276	270	268	266	r 262	r 255	250
Lumber and wood products ..... do....	589	586	559	564	578	588	589	595	598	596	601	607	599	r 592	588	594
Furniture and fixtures ..... do....	385	390	390	392	393	392	391	392	394	394	395	399	401	r 401	r 406	411
Stone, clay, and glass products ..... do....	594	608	612	615	616	610	611	614	612	612	618	623	621	r 623	r 628	629
Primary metal industries ..... do....	1,164	1,166	1,202	1,208	1,176	1,164	1,155	1,155	1,166	1,169	1,177	1,183	1,202	r 1,206	r 1,221	1,239
Fabricated metal products ..... do....	1,128	1,153	1,156	1,159	1,162	1,165	1,164	1,162	1,169	1,164	1,176	1,186	1,194	1,189	r 1,195	1,197
Machinery ..... do....	1,490	1,520	1,508	1,512	1,525	1,531	1,545	1,548	1,555	1,559	1,547	1,567	1,575	1,585	r 1,595	1,602
Electrical equipment and supplies ..... do....	1,579	1,582	1,593	1,587	1,574	1,574	1,571	1,557	1,566	1,564	1,559	1,563	1,570	r 1,571	r 1,571	1,574
Transportation equipment ..... do....	1,542	1,614	1,623	1,618	1,580	1,635	1,647	1,619	1,629	1,621	1,631	1,640	1,660	r 1,643	r 1,644	1,630
Instruments and related products ..... do....	360	372	375	375	375	373	373	373	375	375	375	377	377	376	r 380	380
Miscellaneous manufacturing ind ..... do....	391	393	389	394	398	398	395	398	397	396	401	401	403	405	r 403	407
Nondurable goods industries ..... do....	7,367	7,376	7,390	7,402	7,381	7,371	7,401	7,373	7,390	7,393	7,425	7,428	7,433	r 7,470	r 7,474	7,467
Food and kindred products ..... do....	1,760	1,738	1,732	1,730	1,728	1,723	1,742	1,733	1,741	1,741	1,743	1,735	1,724	r 1,725	r 1,711	1,707
Tobacco manufactures ..... do....	91	89	88	87	91	86	89	95	91	88	89	90	90	90	90	91
Textile mill products ..... do....	903	890	889	891	887	886	890	889	888	891	897	899	897	898	r 898	897
Apparel and related products ..... do....	1,267	1,298	1,306	1,317	1,302	1,306	1,312	1,291	1,295	1,299	1,310	1,309	1,318	r 1,336	r 1,348	1,334
Paper and allied products ..... do....	614	621	620	623	623	622	620	622	624	624	627	627	629	r 630	r 632	632
Printing, publishing, and allied ind .. do....	925	928	936	935	937	935	934	931	939	940	942	943	947	r 953	r 955	956
Chemicals and allied products ..... do....	846	866	868	870	870	869	871	870	871	872	872	876	873	877	r 884	888
Petroleum refining and related ind ... do....	195	188	187	188	189	190	189	189	188	186	185	185	185	184	184	184
Rubber and misc. plastic products ... do....	406	409	414	408	404	402	402	406	405	407	412	416	419	422	r 419	423
Leather and leather products ..... do....	360	350	350	353	350	352	352	347	348	345	348	348	351	r 355	353	355
Mining ..... do....	652	634	639	640	635	632	629	630	630	623	624	625	631	628	r 636	640
Contract construction ..... do....	2,909	3,029	3,046	3,069	3,083	3,071	3,066	3,057	3,069	3,017	3,169	3,162	3,144	r 3,159	r 3,172	3,186
Transportation and public utilities ..... do....	3,903	3,913	3,919	3,936	3,941	3,950	3,937	3,928	3,915	3,923	3,934	3,930	3,954	r 3,961	r 3,965	3,984
Wholesale and retail trade ..... do....	11,582	11,865	11,864	11,884	11,907	11,922	11,935	11,941	11,963	12,072	12,143	12,143	12,211	r 12,209	r 12,244	12,273
Finance, insurance, and real estate ..... do....	2,798	2,866	2,865	2,870	2,873	2,873	2,887	2,887	2,892	2,904	2,911	2,918	2,925	r 2,930	r 2,936	2,949
Services and miscellaneous ..... do....	7,949	8,297	8,282	8,349	8,373	8,377	8,430	8,423	8,447	8,474	8,515	8,552	8,543	r 8,572	r 8,587	8,643
Government ..... do....	9,188	9,535	9,504	9,489	9,499	9,552	9,643	9,653	9,705	9,718	9,712	9,755	9,793	r 9,808	r 9,850	9,833
Production workers on mfg. payrolls, unadjusted:†																
Total, unadjusted† ..... thous..	12,494	12,585	12,652	12,571	12,705	12,923	12,895	12,756	12,665	12,472	12,518	12,584	12,634	r 12,710	r 12,888	12,814
Seasonally adjusted ..... do....	.....	.....	12,628	12,650	12,575	12,611	12,649	12,590	12,653	12,639	12,697	12,759	12,813	r 12,824	r 12,860	12,894
Durable goods industries, unadjusted .. do....	6,946	7,059	7,138	7,056	6,995	7,193	7,204	7,180	7,155	7,064	7,075	7,132	7,198	r 7,241	r 7,327	7,269
Seasonally adjusted ..... do....	.....	.....	7,086	7,103	7,051	7,097	7,110	7,081	7,129	7,120	7,148	7,207	7,260	r 7,236	r 7,273	7,314
Ordnance and accessories ..... do....	120	119	118	118	118	119	120	119	119	118	114	113	112	109	r 106	104
Lumber and wood products ..... do....	526	524	523	528	547	551	543	534	522	502	504	506	518	r 532	r 553	558
Furniture and fixtures ..... do....	320	324	322	321	331	333	334	332	329	324	325	327	330	r 328	r 337	337
Stone, clay, and glass products ..... do....	479	490	508	512	516	510	504	501	486	467	471	480	494	r 506	r 521	520
Primary metal industries ..... do....	936	942	984	970	946	942	929	928	941	945	958	966	979	r 989	r 1,001	999
Blast furnaces, steel and rolling mills do....	421	424	458	453	429	420	410	408	414	418	428	434	444	r 452	462	.....
Fabricated metal products ..... do....	864	884	894	879	889	909	913	907	904	891	892	898	906	911	r 926	913
Machinery ..... do....	1,036	1,053	1,055	1,041	1,044	1,055	1,056	1,059	1,077	1,083	1,081	1,104	1,112	1,116	r 1,125	1,115
Electrical equipment and supplies ..... do....	1,060	1,057	1,057	1,040	1,048	1,067	1,074	1,065	1,062	1,051	1,040	1,037	1,036	r 1,035	r 1,047	1,046
Transportation equipment ♀ ..... do....	1,061	1,113	1,121	1,099	984	1,125	1,149	1,157	1,163	1,152	1,148	1,153	1,160	1,158	r 1,147	1,118
Motor vehicles and equipment ..... do....	534	572	581	565	450	584	599	608	612	605	598	604	608	608	601	583
Aircraft and parts ..... do....	351	356	352	350	351	356	361	363	366	363	360	357	354	r 349	r 344	338
Instruments and related products ..... do....	230	237	239	237	240	240	240	241	240	237	237	238	237	r 236	239	238
Miscellaneous mfg. industries ..... do....	315	316	316	312	332	341	342	337	313	294	305	309	315	321	r 326	321
Nondurable goods industries, unadj ..... do....	5,548	5,526	5,514	5,515	5,710	5,730	5,691	5,576	5,510	5,408	5,443	5,452	5,436	r 5,469	5,561	5,545
Seasonally adjusted ..... do....	.....	.....	5,542	5,547	5,524	5,514	5,539	5,509	5,524	5,519	5,549	5,552	5,553	5,588	r 5,587	5,580
Food and kindred products ..... do....	1,176	1,155	1,146	1,188	1,272	1,285	1,248	1,169	1,128	1,081	1,064	1,057	1,063	r 1,078	1,117	1,159
Tobacco manufactures ..... do....	79	77	64	63	88	95	94	87	83	76	74	70	67	66	r 66	66
Textile mill products ..... do....	812	797	802	792	803	803	804	802	795	788	795	798	799	802	r 809	794
Apparel and related products ..... do....	1,125	1,151	1,140	1,133	1,183	1,180	1,180	1,161	1,150	1,136	1,174	1,177	1,156	r 1,160	r 1,181	1,150
Paper and allied products ..... do....	486	488	492	487	495	495	493	492	491	484	483	485	488	490	498	492
Printing, publishing, and allied ind .. do....	594	590	592	589	592	597	599	598	602	592	594	598	599	600	r 604	603
Chemicals and allied products ..... do....	517	524	527	525	528	527	526	522	522	519	521	528	533	534	r 534	535
Petroleum refining and related ind ... do....	125	120	122	122	123	121	120	118	116	114	114	114	114	115	r 117	117
Petroleum refining ..... do....	101	95	96	96	96	95	94	94	93	93	93	92	91	91	92	92
Rubber and misc. plastic products ... do....	314	315	319	307	310	315	317	318	315	313	315	317	316	319	r 321	318
Leather and leather products ..... do....	319	309	310	309	316	311	309	309	308	304	308	307	302	304	312	310

r Revised. p Preliminary. [1] Total and components are based on unadjusted data.

†Beginning with the Sept. 1963 SURVEY, data for employment, hours, earnings, and labor turnover reflect adjustments to Mar. 1962 benchmarks. The revision affects series back to Mar. 1959 and, for seasonally adjusted data, all series beginning Jan. 1952, with only minor revisions prior to that time. Revisions not shown are available in the 1963 edition of BUSINESS STATISTICS and in BLS Bulletin 1312-1, "Employment and Earnings Statistics for the United States, 1909-62," 654 pp., $3.50, GPO, Wash., D.C., 20402.

♀ Includes data for industries not shown separately.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p
EMPLOYMENT AND POPULATION—Continued																
EMPLOYMENT—Continued																
Miscellaneous employment data:																
Federal civilian employees (executive branch):																
United States ..... thous..	2,311	2,328	2,335	2,344	2,337	2,312	2,314	2,313	[1] 2,452	2,293	2,291	2,293	2,304	2,302	2,313	.....
Wash., D.C., metropolitan area ..... do....	230	239	243	246	244	239	240	240	[1] 243	239	240	241	241	241	246	.....
Railroad employees (class I railroads):																
Total ..... do....	720	r 714	715	714	714	703	699	694	693	680	r 676	r 677	r 685	p 689	p 693	697
Index, seasonally adjusted ..... 1957-59=100..	[2] 79.5	[2] 77.1	77.3	77.5	78.2	78.2	78.5	79.3	79.5	73.8	74.3	74.9	r 75.7	p 75.4	p 75.1	75.7
INDEXES OF WEEKLY PAYROLLS†																
Construction (construction workers)† ..... 1957-59=100..	116.4	127.0	138.9	146.8	152.2	149.5	149.7	131.5	119.2	102.4	109.2	114.1	127.1	r 139.7	148.9	.....
Manufacturing (production workers)† ..... do....	113.7	118.0	119.9	118.1	118.2	122.6	122.6	121.5	122.4	117.7	119.4	120.4	122.0	123.6	r 126.1	124.5
Mining (production workers)† ..... do....	90.5	90.6	95.9	90.2	93.1	94.0	92.8	90.5	91.4	87.8	86.9	85.9	89.4	92.5	95.5	.....
HOURS AND EARNINGS†																
Average weekly gross hours per production worker on payrolls of nonagric. estab., unadjusted:†																
All manufacturing estab., unadj.† ..... hours..	40.4	40.4	40.8	40.5	40.5	40.7	40.7	40.5	40.8	39.8	40.3	40.4	40.5	40.7	40.9	40.7
Seasonally adjusted ..... do....	.....	.....	40.5	40.4	40.3	40.7	40.6	40.5	40.5	40.1	40.6	40.7	40.7	40.7	40.6	40.6
Average overtime ..... do....	2.8	2.8	3.0	2.9	2.9	3.1	3.0	3.0	3.1	2.7	2.7	2.8	2.9	3.0	3.2	3.0
Durable goods industries ..... do....	40.9	41.1	41.6	41.1	41.0	41.3	41.4	41.2	41.6	40.6	41.0	41.0	41.3	r 41.5	41.7	41.4
Seasonally adjusted ..... do....	.....	.....	41.3	41.2	41.0	41.3	41.2	41.1	41.5	40.8	41.3	41.2	41.4	r 41.4	41.4	41.5
Average overtime ..... do....	2.8	2.9	3.2	2.9	3.0	3.2	3.2	3.2	3.3	2.9	2.8	2.9	3.1	r 3.1	3.4	3.2
Ordnance and accessories ..... do....	41.1	41.1	41.2	40.6	41.0	41.3	41.2	40.8	41.5	40.8	40.3	40.2	40.4	40.2	r 40.4	39.7
Lumber and wood products ..... do....	39.8	40.1	40.9	40.6	40.6	40.8	40.8	39.7	40.0	38.6	39.6	39.7	39.9	r 40.5	40.7	40.7
Furniture and fixtures ..... do....	40.7	40.9	40.9	40.8	41.6	41.6	41.6	41.3	41.9	39.4	40.7	40.7	40.7	40.5	41.0	40.7
Stone, clay, and glass products ..... do....	40.9	41.3	42.1	41.9	41.9	41.8	42.1	41.5	40.6	39.8	40.7	40.8	41.6	r 42.1	r 42.2	42.1
Primary metal industries ..... do....	40.2	41.0	42.2	41.1	40.6	40.7	40.4	40.6	41.3	41.1	41.1	41.4	41.6	41.8	42.0	41.7
Blast furnaces, steel and rolling mills. do....	39.0	40.0	41.9	40.5	39.4	39.3	38.7	39.0	39.5	40.0	40.0	40.5	40.9	41.0	41.1	.....
Fabricated metal products ..... do....	41.1	41.4	41.7	41.2	41.5	41.9	41.8	41.5	41.9	40.9	41.2	41.2	41.5	41.8	42.0	41.7
Machinery ..... do....	41.7	41.8	42.1	41.7	41.6	41.9	41.8	41.8	42.5	41.8	42.3	42.4	42.5	r 42.7	r 42.8	42.3
Electrical equipment and supplies ..... do....	40.6	40.4	40.6	40.2	40.3	40.7	40.6	40.4	40.8	40.0	40.2	40.2	40.3	40.4	r 40.5	40.4
Transportation equipment♀ ..... do....	42.0	42.0	42.3	42.0	40.8	41.9	42.7	42.8	43.0	41.5	41.5	41.4	42.0	42.0	r 42.5	41.7
Motor vehicles and equipment ..... do....	42.7	42.8	43.2	42.8	40.3	42.1	43.9	44.3	44.7	42.2	42.2	41.7	42.9	42.9	r 43.6	42.3
Aircraft and parts ..... do....	41.8	41.5	41.4	41.4	41.5	41.7	41.6	41.4	41.5	41.1	41.0	40.9	41.0	40.9	r 41.3	41.5
Instruments and related products ..... do....	40.9	40.8	40.9	40.7	40.7	41.1	41.1	41.0	41.0	39.8	40.5	40.4	40.5	r 40.7	r 41.0	40.7
Miscellaneous mfg. industries ..... do....	39.7	39.6	39.7	39.2	39.8	39.9	40.1	39.8	39.8	38.4	39.5	39.8	39.6	39.4	r 39.7	39.4
Nondurable goods industries, unadj ..... do....	39.6	39.6	39.8	39.8	40.0	39.9	39.9	39.6	39.9	38.7	39.4	39.5	39.4	39.7	39.9	39.8
Seasonally adjusted ..... do....	.....	.....	39.6	39.5	39.6	39.7	39.8	39.5	39.6	39.1	39.9	39.9	39.8	39.8	39.7	39.5
Average overtime ..... do....	2.7	2.7	2.8	2.8	2.8	3.0	2.9	2.8	2.8	2.5	2.6	2.6	2.7	2.8	2.9	2.8
Food and kindred products ..... do....	40.9	40.9	41.2	41.4	41.4	41.6	41.2	41.0	41.1	40.3	40.2	40.1	40.3	40.9	r 41.1	40.9
Tobacco manufactures ..... do....	38.6	38.6	40.3	38.8	40.2	39.7	39.7	38.9	39.4	36.9	35.3	37.8	39.5	r 39.3	r 39.7	38.1
Textile mill products ..... do....	40.6	40.6	41.0	40.4	40.7	40.6	41.3	41.3	41.3	40.0	40.9	40.7	40.7	41.1	r 41.3	41.0
Apparel and related products ..... do....	36.2	36.1	36.3	36.3	36.8	36.3	36.3	35.8	35.9	33.9	36.3	36.4	36.1	r 35.9	36.1	36.3
Paper and allied products ..... do....	42.5	42.7	43.0	42.9	43.1	43.2	43.2	42.8	43.0	42.1	42.5	42.4	42.5	42.7	43.0	42.9
Printing, publishing, and allied ind ..... do....	38.3	38.3	38.3	38.2	38.5	38.6	38.4	38.2	38.9	37.9	38.2	38.5	38.5	38.5	r 38.5	38.2
Chemicals and allied products ..... do....	41.5	41.5	41.7	41.6	41.4	41.5	41.4	41.4	41.7	41.1	41.3	41.6	41.6	41.7	r 41.7	41.4
Petroleum refining and related ind ..... do....	41.6	41.7	42.3	42.4	41.6	42.2	41.7	41.5	41.4	41.3	41.4	41.4	41.3	42.0	r 42.1	42.3
Petroleum refining ..... do....	41.2	41.4	41.6	41.6	40.6	41.7	41.0	41.5	41.5	41.4	41.3	41.2	40.9	41.3	r 41.2	41.3
Rubber and misc. plastic products ..... do....	41.0	40.8	40.7	40.5	41.0	41.4	41.1	41.0	41.7	40.5	40.6	40.8	40.9	r 41.4	r 41.6	40.9
Leather and leather products ..... do....	37.6	37.5	37.9	38.0	38.3	37.5	37.8	37.2	38.9	37.4	38.2	37.7	36.5	37.6	r 38.6	38.9
Nonmanufacturing establishments:†																
Mining♀ ..... do....	41.0	41.6	42.7	41.2	42.0	42.1	42.3	41.3	41.6	41.2	41.4	41.1	41.5	r 42.0	42.3	.....
Metal mining ..... do....	41.5	41.2	41.7	40.8	41.0	41.6	41.3	41.2	42.1	42.3	42.1	42.0	41.6	r 42.0	41.9	.....
Coal mining ..... do....	[a] 36.6	[a] 38.8	41.0	.....	38.0	39.2	39.0	37.8	39.7	39.3	38.2	36.6	37.6	r 38.7	39.6	.....
Crude petroleum and natural gas ..... do....	42.0	42.1	42.3	42.4	42.6	42.1	42.5	42.2	42.3	41.9	42.3	42.4	42.1	r 42.1	41.9	.....
Contract construction ..... do....	37.0	37.3	38.4	38.5	38.8	38.3	38.9	36.4	35.3	34.1	35.9	36.5	37.1	37.9	38.2	.....
General building contractors ..... do....	35.6	36.0	36.6	37.0	37.2	36.6	37.3	35.1	34.3	32.8	35.1	35.9	36.0	r 36.5	36.6	.....
Heavy construction ..... do....	40.5	41.3	42.9	43.2	43.5	42.9	43.6	40.0	36.7	36.6	38.9	39.1	40.5	42.1	42.4	.....
Special trade contractors ..... do....	36.3	36.5	37.5	37.4	37.5	37.2	37.7	35.7	35.5	34.1	35.4	36.0	36.4	r 37.1	37.4	.....
Transportation and public utilities:																
Local and suburban transportation ..... do....	42.6	42.2	43.0	42.6	42.5	42.1	42.0	41.8	41.9	42.0	41.5	40.9	41.9	r 42.6	42.7	.....
Motor freight transporation and storage. do....	41.5	41.6	42.2	41.7	42.3	42.0	42.3	41.3	41.9	40.5	41.0	41.2	41.5	r 41.8	42.3	.....
Telephone communication ..... do....	39.9	40.0	40.0	40.3	40.1	40.5	40.4	40.8	39.6	39.3	39.6	39.5	39.3	r 39.8	39.9	.....
Electric, gas, and sanitary services ..... do....	41.0	41.2	41.3	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.0	41.0	41.0	r 41.2	41.3	.....
Wholesale and retail trade§ ..... do....	38.7	38.6	38.9	39.2	39.2	38.6	38.4	38.3	38.8	38.1	38.2	38.2	38.2	r 38.3	38.7	.....
Wholesale trade ..... do....	40.6	40.6	40.7	40.8	40.7	40.6	40.7	40.5	40.9	40.2	40.3	40.5	40.6	40.7	40.8	.....
Retail trade§ ..... do....	37.9	37.8	38.1	38.5	38.5	37.7	37.5	37.3	38.0	37.1	37.2	37.1	37.2	r 37.3	37.8	.....
Services and miscellaneous:																
Hotels, tourist courts, and motels ..... do....	39.1	39.0	38.5	40.3	40.6	39.2	39.1	38.8	38.6	38.8	39.1	39.0	38.8	r 38.6	38.4	.....
Laundries, cleaning and dyeing plants♂. do....	38.9	39.0	39.6	39.1	39.0	39.1	39.0	38.8	38.9	38.0	38.3	38.6	38.9	39.3	39.1	.....
Average weekly gross earnings per production worker on payrolls of nonagric. estab.:†																
All manufacturing establishments† ..... dollars..	96.56	99.38	100.37	99.23	98.42	100.53	100.53	100.85	102.41	99.90	101.15	101.40	102.06	102.97	103.48	102.97
Durable goods industries ..... do....	104.70	108.09	109.82	108.09	107.01	109.45	109.71	110.00	111.90	109.21	109.88	110.29	111.51	r 112.47	113.01	112.19
Ordnance and accessories ..... do....	116.31	119.60	118.24	117.74	119.31	121.01	121.13	120.36	123.26	121.18	119.29	119.39	119.99	120.20	r 120.80	119.50
Lumber and wood products ..... do....	79.20	81.80	82.62	82.42	84.45	86.50	85.68	82.97	83.20	79.90	81.97	82.18	84.19	r 86.27	r 87.51	88.32
Furniture and fixtures ..... do....	79.37	81.39	81.39	81.19	83.20	84.03	84.03	83.43	85.06	79.59	82.21	82.62	82.62	81.81	83.23	82.62
Stone, clay, and glass products ..... do....	98.57	102.42	104.41	104.33	104.33	104.50	105.67	103.75	101.50	99.50	101.75	102.00	104.83	r 106.93	r 107.61	107.36
Primary metal industries ..... do....	119.80	124.64	129.55	125.77	123.02	123.73	122.41	123.42	126.38	125.77	126.18	127.51	128.54	129.58	r 130.62	129.69
Fabricated metal products ..... do....	104.81	108.05	108.84	107.53	108.32	110.20	109.93	109.56	111.04	108.79	109.18	109.59	111.22	112.02	112.98	111.76
Machinery ..... do....	113.01	116.20	117.04	115.51	115.23	117.32	117.04	117.88	120.70	118.71	120.56	121.26	121.98	r 122.98	r 123.26	121.40
Electrical equipment and supplies ..... do....	97.44	99.38	99.88	98.89	98.74	100.53	100.28	100.60	102.41	100.40	100.90	100.90	101.56	101.81	r 102.47	102.21
Transportation equipment ..... do....	122.22	126.42	126.90	125.58	121.58	127.80	131.52	132.68	133.30	127.41	126.99	126.68	129.36	r 129.36	r 131.75	128.44
Instruments and related products ..... do....	99.80	101.59	101.84	100.94	101.34	102.75	102.75	102.91	102.91	99.90	101.66	101.40	102.06	r 102.56	r 103.73	102.97
Miscellaneous mfg. industries ..... do....	78.21	80.39	80.19	79.18	79.60	80.60	81.40	81.59	82.39	79.87	82.16	82.78	82.76	81.95	r 82.18	81.95

r Revised. p Preliminary. [a] Average for 11 months.
[1] Includes Post Office employees hired for the Christmas season; there were about 144,000 such employees in the United States in Dec. 1963. [2] Based on unadjusted data.

†See corresponding note, bottom p. S-13. ♀Includes data for industries not shown separately. §Except eating and drinking places.
♂Beginning Jan. 1964, data relate to nonsupervisory workers and are not comparable with the production-worker levels for earlier periods.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p

EMPLOYMENT AND POPULATION—Continued

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p
HOURS AND EARNINGS—Continued																
Average weekly gross earnings per production worker on payrolls of nonagric. estab.†—Con.																
All manufacturing estab.†—Continued																
Nondurable goods industries.....dollars..	85.54	87.91	88.36	88.36	88.40	89.38	88.98	89.10	90.17	87.85	89.04	89.67	89.83	90.52	r 90.97	91.14
Food and kindred products.....do....	91.62	94.48	95.17	95.63	93.98	95.68	94.35	95.94	96.59	95.91	95.68	95.84	96.32	r 98.16	r 98.64	97.34
Tobacco manufactures.....do....	71.41	73.73	81.81	78.76	73.57	71.46	71.46	73.13	74.86	72.69	68.84	75.60	80.19	r 80.17	r 81.39	78.11
Textile mill products.....do....	68.21	69.43	69.70	68.68	69.19	69.83	71.04	72.28	72.69	70.40	71.98	71.63	71.63	72.75	r 73.10	72.16
Apparel and related products.....do....	61.18	62.09	61.35	61.71	63.30	64.25	64.25	63.01	63.54	60.00	64.61	64.79	63.90	r 63.54	r 63.54	64.25
Paper and allied products.....do....	102.00	105.90	106.21	106.82	107.32	108.43	108.43	107.43	108.36	106.09	107.10	106.85	107.53	108.46	109.65	110.25
Printing, publishing, and allied ind....do....	107.62	110.30	110.69	110.02	111.27	112.71	111.74	110.78	113.98	110.67	111.93	113.58	113.58	113.96	r 113.58	112.69
Chemicals and allied products.....do....	109.98	112.88	113.42	113.98	113.02	114.13	113.85	113.85	115.09	113.85	113.99	114.40	114.40	115.51	r 116.34	115.92
Petroleum refining and related ind.....do....	126.88	131.77	133.25	133.98	130.21	134.20	131.77	132.39	132.89	132.16	132.07	131.24	130.92	133.14	r 133.46	134.51
Rubber and misc. plastic products.....do....	100.04	100.78	100.53	100.04	100.86	102.67	101.93	102.91	105.08	101.25	101.09	101.59	102.25	r 104.74	r 105.66	103.89
Leather and leather products.....do....	64.67	66.00	66.70	66.12	67.41	67.13	67.66	66.59	69.63	66.95	68.76	68.24	66.43	68.43	r 70.64	70.41
Nonmanufacturing establishments:†																
Mining♀.....do....	110.70	114.40	117.85	112.06	115.08	117.04	116.75	113.99	116.48	115.36	115.09	113.85	115.37	r 117.60	118.02	.....
Metal mining.....do....	117.45	118.66	118.85	116.69	118.08	121.06	120.60	119.89	122.51	123.09	122.51	122.64	122.30	r 123.90	123.61	.....
Coal mining.....do....	113.09	119.95	128.74	108.19	118.18	123.48	121.68	117.94	125.85	124.97	121.09	115.66	121.45	r 125.78	129.89	.....
Crude petroleum and natural gas.....do....	109.20	111.99	113.36	112.36	113.32	113.67	113.05	113.10	113.79	112.71	112.94	112.78	111.57	r 111.99	110.62	.....
Contract construction.....do....	122.47	127.57	129.79	130.90	132.70	132.90	134.98	125.58	124.96	122.08	127.09	128.48	131.33	r 133.03	133.32	.....
General building contractors.....do....	112.50	117.72	118.58	120.62	122.02	121.88	124.58	116.53	115.93	111.52	118.29	120.98	122.76	r 123.37	122.98	.....
Heavy construction.....do....	122.31	128.03	132.13	135.22	137.03	136.85	138.65	124.00	118.17	118.95	123.31	121.99	127.98	133.88	135.26	.....
Special trade contractors.....do....	128.50	133.59	135.75	136.14	137.25	137.64	139.49	131.38	133.48	129.24	133.81	135.36	137.23	r 139.13	139.88	.....
Transportation and public utilities:																
Local and suburban transportation.....do....	100.11	101.70	103.63	103.09	103.28	102.30	102.48	102.41	102.24	103.32	101.68	98.98	103.49	r 105.65	105.90	.....
Motor freight transportation and storage.do....	113.30	117.31	118.58	118.85	119.71	120.12	120.13	117.29	120.67	116.24	118.49	119.89	121.18	r 122.47	123.52	.....
Telephone communication.....do....	98.95	102.40	102.00	102.36	102.26	105.30	105.04	106.08	103.36	102.18	102.56	102.70	101.79	r 104.28	104.14	.....
Electric, gas, and sanitary services.....do....	116.85	121.13	121.42	121.13	121.42	123.37	122.96	123.79	124.92	124.09	123.00	123.00	123.00	r 124.42	124.73	.....
Wholesale and retail trade§.....do....	75.08	77.59	78.19	78.79	78.79	78.36	77.95	77.75	77.60	78.11	78.69	78.69	79.07	r 79.66	80.50	.....
Wholesale trade.....do....	96.22	99.47	100.12	99.55	99.72	100.69	100.94	100.85	101.43	100.10	100.75	101.66	102.31	r 102.97	102.82	.....
Retail trade§.....do....	65.95	68.04	68.96	69.30	69.30	68.61	68.25	68.26	68.40	68.26	68.82	68.64	69.19	r 69.75	70.69	.....
Finance, insurance, and real estate:																
Banking.....do....	71.80	74.97	74.40	74.77	74.40	75.14	74.97	75.35	76.13	76.70	77.08	76.09	75.92	r 76.26	75.89	.....
Insurance carriers⊕.....do....	93.46	96.28	96.13	96.65	96.66	96.72	96.79	96.86	97.67	91.36	92.14	91.55	91.63	92.04	91.81	.....
Services and miscellaneous:																
Hotels, tourist courts, and motels.....do....	46.14	47.58	47.36	47.96	48.31	48.22	48.09	47.72	47.86	47.72	47.70	47.97	48.89	r 49.02	48.00	.....
Laundries, cleaning and dyeing plants△do....	50.57	51.87	52.67	52.00	51.48	52.00	51.87	51.99	52.13	53.58	54.00	54.81	55.63	56.59	56.30	.....
Average hourly gross earnings per production worker on payrolls of nonagric. estab.:†																
All manufacturing establishments†.....dollars..	2.39	2.46	2.46	2.45	2.43	2.47	2.47	2.49	2.51	2.51	2.51	2.51	2.52	2.53	2.53	2.53
Excluding overtime♂.....do....	2.31	2.37	2.37	2.37	2.35	2.38	2.38	2.40	2.42	2.43	2.42	2.43	2.44	2.44	2.44	2.44
Durable goods industries.....do....	2.56	2.63	2.64	2.63	2.61	2.65	2.65	2.67	2.69	2.69	2.68	2.69	2.70	2.71	2.71	2.71
Excluding overtime♂.....do....	2.48	2.54	2.54	2.54	2.52	2.55	2.55	2.57	2.58	2.60	2.59	2.60	2.61	2.61	r 2.61	2.61
Ordnance and accessories.....do....	2.83	2.91	2.87	2.90	2.91	2.93	2.94	2.95	2.97	2.97	2.96	2.97	2.97	2.99	2.99	3.01
Lumber and wood products.....do....	1.99	2.04	2.02	2.03	2.08	2.12	2.10	2.09	2.08	2.07	2.07	2.07	2.11	2.13	r 2.15	2.17
Furniture and fixtures.....do....	1.95	1.99	1.99	1.99	2.00	2.02	2.02	2.02	2.03	2.02	2.02	2.03	2.03	2.02	2.03	2.03
Stone, clay, and glass products.....do....	2.41	2.48	2.48	2.49	2.49	2.50	2.51	2.50	2.50	2.50	2.50	2.50	2.52	2.54	r 2.55	2.55
Primary metal industries.....do....	2.98	3.04	3.07	3.06	3.03	3.04	3.03	3.04	3.06	3.06	3.07	3.08	3.09	3.10	r 3.11	3.11
Blast furnaces, steel and rolling mills.do....	3.29	3.36	3.39	3.37	3.33	3.35	3.33	3.33	3.36	3.35	3.37	3.37	3.39	3.40	3.40	.....
Fabricated metal products.....do....	2.55	2.61	2.61	2.61	2.61	2.63	2.63	2.64	2.65	2.66	2.65	2.66	2.68	2.68	2.69	2.68
Machinery.....do....	2.71	2.78	2.78	2.77	2.77	2.80	2.80	2.82	2.84	2.84	2.85	2.86	2.87	r 2.88	2.88	2.87
Electrical equipment and supplies.....do....	2.40	2.46	2.46	2.46	2.45	2.47	2.47	2.49	2.51	2.51	2.51	2.51	2.52	2.52	r 2.53	2.53
Transportation equipment♀.....do....	2.91	3.01	3.00	2.99	2.98	3.05	3.08	3.10	3.10	3.07	3.06	3.06	3.08	r 3.08	3.10	3.08
Motor vehicles and equipment.....do....	2.99	3.10	3.07	3.05	3.04	3.14	3.18	3.21	3.21	3.17	3.14	3.14	3.17	3.18	3.20	3.17
Aircraft and parts.....do....	2.87	2.95	2.94	2.95	2.96	2.99	2.99	3.00	3.01	3.01	3.02	3.01	3.02	3.03	r 3.04	3.05
Instruments and related products.....do....	2.44	2.49	2.49	2.48	2.49	2.50	2.50	2.51	2.51	2.51	2.51	2.51	2.52	2.52	r 2.53	2.53
Miscellaneous mfg. industries.....do....	1.97	2.03	2.02	2.02	2.00	2.02	2.03	2.05	2.07	2.08	2.08	2.08	2.09	2.08	r 2.07	2.08
Nondurable goods industries.....do....	2.16	2.22	2.22	2.22	2.21	2.24	2.23	2.25	2.26	2.27	2.26	2.27	2.28	2.28	r 2.28	2.29
Excluding overtime♂.....do....	2.09	2.15	2.14	2.15	2.13	2.16	2.16	2.17	2.19	2.20	2.19	2.20	2.20	2.20	r 2.20	2.21
Food and kindred products.....do....	2.24	2.31	2.31	2.31	2.27	2.30	2.29	2.34	2.35	2.38	2.38	2.39	2.39	r 2.40	2.40	2.38
Tobacco manufactures.....do....	1.85	1.91	2.03	2.03	1.83	1.80	1.80	1.88	1.90	1.97	1.95	2.00	2.03	2.04	r 2.05	2.05
Textile mill products.....do....	1.68	1.71	1.70	1.70	1.70	1.72	1.72	1.75	1.76	1.76	1.76	1.76	1.76	1.77	1.77	1.76
Apparel and related products.....do....	1.69	1.72	1.69	1.70	1.72	1.77	1.77	1.76	1.77	1.77	1.78	1.78	1.77	r 1.77	r 1.76	1.77
Paper and allied products.....do....	2.40	2.48	2.47	2.49	2.49	2.51	2.51	2.51	2.52	2.52	2.52	2.52	2.53	2.54	2.55	2.57
Printing, publishing, and allied ind....do....	2.81	2.88	2.89	2.88	2.89	2.92	2.91	2.90	2.93	2.92	2.93	2.95	2.95	2.96	2.95	2.95
Chemicals and allied products.....do....	2.65	2.72	2.72	2.74	2.73	2.75	2.75	2.75	2.76	2.77	2.76	2.75	2.75	2.77	2.79	2.80
Petroleum refining and related ind.....do....	3.05	3.16	3.15	3.16	3.13	3.18	3.16	3.19	3.21	3.20	3.19	3.17	3.17	3.17	3.17	3.18
Petroleum refining.....do....	3.19	3.32	3.33	3.34	3.31	3.35	3.33	3.36	3.37	3.35	3.34	3.33	3.33	3.34	3.35	3.36
Rubber and misc. plastic products.....do....	2.44	2.47	2.47	2.47	2.46	2.48	2.48	2.51	2.52	2.50	2.49	2.49	2.50	r 2.53	r 2.54	2.54
Leather and leather products.....do....	1.72	1.76	1.76	1.74	1.76	1.79	1.79	1.79	1.79	1.79	1.80	1.81	1.82	1.82	1.83	1.81
Nonmanufacturing establishments:†																
Mining♀.....do....	2.70	2.75	2.76	2.72	2.74	2.78	2.76	2.76	2.80	2.80	2.78	2.77	2.78	2.80	2.79	.....
Metal mining.....do....	2.83	2.88	2.85	2.86	2.88	2.91	2.92	2.91	2.91	2.91	2.91	2.92	2.94	r 2.95	2.95	.....
Coal mining.....do....	a 3.09	a 3.12	3.14	.....	3.11	3.15	3.12	3.12	3.17	3.18	3.17	3.16	3.23	r 3.25	3.28	.....
Crude petroleum and natural gas.....do....	2.60	2.66	2.68	2.65	2.66	2.70	2.66	2.68	2.69	2.69	2.67	2.66	2.65	r 2.66	2.64	.....
Contract construction.....do....	3.31	3.42	3.38	3.40	3.42	3.47	3.47	3.45	3.54	3.58	3.54	3.52	3.54	r 3.51	3.49	.....
General building contractors.....do....	3.16	3.27	3.24	3.26	3.28	3.33	3.34	3.32	3.38	3.40	3.37	3.37	3.41	r 3.38	3.36	.....
Heavy construction.....do....	3.02	3.10	3.08	3.13	3.15	3.19	3.18	3.10	3.22	3.25	3.17	3.12	3.16	3.18	3.19	.....
Special trade contractors.....do....	3.54	3.66	3.62	3.64	3.66	3.70	3.70	3.68	3.76	3.79	3.78	3.76	3.77	3.75	3.74	.....
Transportation and public utilities:																
Local and suburban transportation.....do....	2.35	2.41	2.41	2.42	2.43	2.43	2.44	2.45	2.44	2.46	2.45	2.42	2.47	2.48	2.48	.....
Motor freight transportation and storage.do....	2.73	2.82	2.81	2.85	2.83	2.86	2.84	2.84	2.88	2.87	2.89	2.91	2.92	2.93	2.92	.....
Telephone communication.....do....	2.48	2.56	2.55	2.54	2.55	2.60	2.60	2.60	2.61	2.60	2.59	2.60	2.59	r 2.62	2.61	.....
Electric, gas and sanitary services.....do....	2.85	2.94	2.94	2.94	2.94	2.98	2.97	2.99	3.01	2.99	3.00	3.00	3.00	3.02	3.02	.....
Wholesale and retail trade§.....do....	1.94	2.01	2.01	2.01	2.01	2.03	2.03	2.03	2.00	2.05	2.06	2.06	2.07	2.08	2.08	.....
Wholesale trade.....do....	2.37	2.45	2.46	2.44	2.45	2.48	2.48	2.49	2.48	2.49	2.50	2.51	2.52	r 2.53	2.52	.....
Retail trade§.....do....	1.74	1.80	1.81	1.80	1.80	1.82	1.82	1.83	1.80	1.84	1.85	1.85	1.86	1.87	1.87	.....
Services and miscellaneous:																
Hotels, tourist courts, and motels.....do....	1.18	1.22	1.23	1.19	1.19	1.23	1.23	1.23	1.24	1.23	1.22	1.23	1.26	r 1.27	1.25	.....
Laundries, cleaning and dyeing plants△do....	1.30	1.33	1.33	1.33	1.32	1.33	1.33	1.34	1.34	1.41	1.41	1.42	1.43	1.44	1.44	.....

r Revised. p Preliminary. a Average for 11 months. § Except eating and drinking places. †See corresponding note, bottom p. S-13. ♀Includes data for industries not shown separately. ⊕Effective Jan. 1964, data exclude earnings of nonoffice salesmen and are not comparable with earlier figures.

♂Derived by assuming that overtime hours are paid at the rate of time and one-half. △Effective Jan. 1964, data relate to nonsupervisory workers and are not comparable with the production-worker levels for earlier periods.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

EMPLOYMENT AND POPULATION—Continued

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
HOURS AND EARNINGS—Continued																
Miscellaneous wages:																
Construction wages, 20 cities (ENR): §																
Common labor ... $ per hr.	2.946	3.082	3.072	3.102	3.130	3.134	3.134	3.134	3.139	3.154	3.169	3.169	3.187	3.202	3.233	3.282
Skilled labor ... do	4.348	4.525	4.487	4.540	4.585	4.591	4.602	4.602	4.611	4.636	4.640	4.644	4.658	4.680	4.728	4.769
Farm, without board or rm., 1st of mo. ... do	[1] 1.01	[1] 1.05		1.09			.99			1.14			1.14			1.13
Railroad wages (average, class I) ... do	2.740	2.823	2.785	2.750	2.755	2.782	2.748	2.785	2.785	2.765	2.803	2.764	2.765			
Road-building, com. labor (qtrly.) ... do	[1] 2.31	[1] 2.38		2.44			2.45			2.27			2.37			
LABOR CONDITIONS																
Help-wanted advertising, seas. adj ‡ ... 1957-59=100	110	109	104	109	105	107	111	112	118	116	117	r 118	120	118	121	
Labor turnover in manufacturing estab.: †																
Accession rate, total ... mo. rate per 100 employees	4.1	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.6	3.4	3.7	3.8	r 3.9	p 4.9	
Seasonally adjusted ... do			3.9	4.0	3.7	3.9	3.9	3.6	3.9	3.7	4.0	4.0	4.0	r 3.8	p 3.9	
New hires ... do	2.5	2.4	3.3	2.7	3.2	3.1	2.6	1.8	1.4	2.0	2.0	2.2	2.4	2.5	p 3.5	
Separation rate, total ... do	4.1	3.9	3.4	4.1	4.7	4.9	4.1	3.8	3.7	4.0	3.3	3.5	3.5	r 3.6	p 3.3	
Seasonally adjusted ... do			3.8	4.0	4.2	3.9	3.7	3.7	3.7	4.0	3.8	3.8	3.9	r 4.0	p 3.6	
Quit ... do	1.4	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.2	1.1	1.2	1.3	r 1.5	p 1.4	
Layoff ... do	2.0	1.8	1.4	2.0	1.9	1.8	1.9	2.1	2.3	2.0	1.5	1.6	1.4	1.4	p 1.2	
Seasonally adjusted ... do			1.7	1.9	2.0	1.8	1.7	1.8	1.8	1.8	1.7	1.7	1.6	1.7	p 1.5	
Industrial disputes (strikes and lockouts):																
Beginning in month:																
Work stoppages ... number	301	280	380	372	312	287	346	223	132	210	225	220	300	410	360	
Workers involved ... thous.	102	78	128	94	67	81	96	80	27	60	80	65	122	176	134	
In effect during month:																
Work stoppages ... number			593	606	545	500	574	467	336	370	375	360	450	570	585	
Workers involved ... thous.			181	183	167	155	153	152	82	100	125	100	163	218	227	
Man-days idle during month ... do	1,550	1,340	1,550	1,810	1,350	985	1,420	1,410	977	1,010	1,130	800	1,100	2,180	1,930	
EMPLOYMENT SERVICE AND UNEMPLOYMENT INSURANCE																
Nonfarm placements ... thous.	560	548	577	572	611	664	662	493	432	443	414	478	541	572	572	
Unemployment insurance programs:																
Insured unemployment, all programs ... do	[2] 1,924	[2] 1,939	[2] 1,568	[2] 1,606	[2] 1,531	[2] 1,372	[2] 1,445	[2] 1,667	[2] 2,113	[2] 2,559	[2] 2,408	[2] 2,200	[2] 1,886	[2] 1,552	[2] 1,387	
State programs:																
Initial claims ... do	1,309	1,285	973	1,351	1,086	957	1,157	1,200	1,865	1,848	1,181	1,136	1,086	908	976	
Insured unemployment, weekly avg. ... do	1,783	1,806	1,468	1,493	1,419	1,261	1,333	1,542	1,972	2,395	2,243	2,050	1,755	1,447	1,297	
Percent of covered employment: ♂																
Unadjusted	4.4	4.3	3.5	3.6	3.4	3.0	3.1	3.6	4.7	5.7	5.3	4.9	4.2	3.4	3.1	
Seasonally adjusted ⊕			4.1	4.1	4.2	4.0	4.1	4.1	4.3	4.3	4.0	3.8	3.8	3.6	3.6	
Beneficiaries, weekly average ... thous.	1,525	1,541	1,327	1,238	1,220	1,107	1,070	1,127	1,524	1,997	2,015	1,887	1,678	1,347	1,142	
Benefits paid ... mil. $	223.0	231.2	188.2	195.6	186.8	163.1	172.0	165.0	233.0	319.3	283.8	292.6	258.0	201.5	183.1	
Federal employees, insured unemployment ... thous.	29	31	26	30	29	28	29	32	34	39	40	38	32	27	25	
Veterans' program (UCX):																
Initial claims ... do	28	29	22	31	29	28	31	29	39	39	29	28	27	20	25	
Insured unemployment, weekly avg. ... do	50	55	42	44	45	42	43	48	60	73	72	67	57	46	42	
Beneficiaries, weekly average ... do	47	52	45	38	42	40	38	39	52	67	71	59	64	48	42	
Benefits paid ... mil. $	6.6	7.6	6.3	5.9	6.2	5.7	5.9	5.4	7.6	10.2	9.6	8.9	9.7	7.0	6.6	
Railroad program:																
Applications ... thous.	17	13	11	46	15	15	12	11	12	13	7	5	13	5		
Insured unemployment, weekly avg. ... do	62	47	32	39	37	41	41	45	47	53	51	45	42	32	27	
Benefits paid ... mil. $	11.1	8.3	5.6	5.9	6.9	6.4	7.5	6.7	8.6	9.9	8.8	8.5	7.4	5.2		

FINANCE

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
BANKING																
Open market paper outstanding, end of mo.:																
Bankers' acceptances ... mil. $	[3] 2,650	[3] 2,890	2,697	2,712	2,644	2,709	2,733	2,744	2,890	2,938	3,056	3,102	3,102	3,049	3,149	
Commercial and finance co. paper, total ... do	[3] 6,000	[3] 6,747	7,239	7,522	7,808	7,161	7,869	8,170	6,747	7,765	8,119	7,737	7,920	8,326	8,036	
Placed through dealers ... do	[3] 2,088	[3] 1,928	2,049	2,059	2,062	2,098	2,230	2,172	1,928	2,042	2,079	2,038	2,039	1,973	1,948	
Placed directly (finance paper) ... do	[3] 3,912	[3] 4,819	5,190	5,463	5,746	5,063	5,639	5,998	4,819	5,723	6,040	5,699	5,881	6,353	6,088	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of mo. ... mil. $	[3] 5,753	[3] 6,403	6,326	6,408	6,428	6,430	6,418	6,366	6,403	6,460	6,542	6,627	6,727	6,813	6,940	
Farm mortgage loans:																
Federal land banks ... do	[3] 3,052	[3] 3,310	3,198	3,218	3,240	3,259	3,280	3,291	3,310	3,333	3,364	3,406	3,445	3,481	3,516	
Loans to cooperatives ... do	[3] 735	[3] 840	701	711	706	735	848	858	840	866	849	815	786	747	757	
Other loans and discounts ... do	[3] 1,966	[3] 2,253	2,427	2,479	2,482	2,436	2,290	2,217	2,253	2,261	2,330	2,405	2,496	2,585	2,667	
Bank debits:																
Unadjusted:																
Total (344 centers) ... bil. $	286.4	312.9	299.6	320.7	300.1	310.4	337.2	296.6	357.1	360.8	294.9	342.9	349.9	329.6	353.8	
New York City ... do	118.0	129.7	125.0	129.9	119.5	130.3	136.9	116.7	151.0	153.9	121.1	145.8	148.2	135.3	151.2	
6 other leading centers¶ ... do	58.5	64.6	61.7	66.8	61.9	63.1	71.3	63.8	74.6	73.5	60.5	71.1	72.8	68.6	70.9	
Seasonally adjusted:																
Total (344 centers) ... do			297.0	320.1	310.2	329.7	326.7	312.7	333.0	340.0	316.1	331.6	350.2	327.8	334.3	
New York City ... do			121.5	130.3	127.8	140.1	133.7	125.4	139.6	143.7	129.4	138.1	146.0	135.1	140.2	
6 other leading centers¶ ... do			61.6	66.9	63.3	67.0	69.4	67.3	69.7	69.6	65.5	68.4	72.4	67.7	67.5	
337 other centers ... do			113.9	122.8	119.2	122.6	123.6	120.0	123.7	126.6	121.1	125.1	131.8	125.0	126.7	
Federal Reserve banks, condition, end of mo.:																
Assets, total ♀ ... mil. $	[3] 56,020	[3] 58,028	55,314	55,594	55,042	55,615	56,336	57,848	58,028	56,389	56,928	56,629	57,101	57,158	57,742	57,882
Reserve bank credit outstanding, total ♀ ... do	[3] 33,902	[3] 36,418	33,804	33,946	34,134	34,302	34,587	35,919	36,418	34,643	35,274	35,314	35,115	36,066	36,589	36,797
Discounts and advances ... do	[3] 38	[3] 63	96	338	389	138	332	868	63	364	570	130	116	226	79	239
U.S. Government securities ... do	[3] 30,820	[3] 33,593	32,027	32,468	32,391	32,563	32,758	33,667	33,593	32,752	33,169	33,770	33,169	34,229	34,794	35,051
Gold certificate reserves ... do	[3] 15,696	[3] 15,237	15,457	15,346	15,291	15,309	15,310	15,294	15,237	15,231	15,185	15,190	15,195	15,176	15,185	15,188
Liabilities, total ♀ ... do	[3] 56,020	[3] 58,028	55,314	55,594	55,042	55,615	56,336	57,848	58,028	56,389	56,928	56,629	57,101	57,158	57,742	57,882
Deposits, total ♀ ... do	[3] 18,722	[3] 18,391	18,188	18,044	17,860	18,093	18,187	18,200	18,391	18,120	18,532	18,258	17,913	18,232	18,250	18,445
Member-bank reserve balances ... do	[3] 17,454	[3] 17,049	16,965	16,971	16,782	16,772	16,922	16,952	17,049	16,983	17,146	17,060	16,629	16,890	16,973	17,327
Federal Reserve notes in circulation ... do	[3] 30,643	[3] 32,877	30,670	30,959	31,178	31,265	31,472	32,290	32,877	31,988	31,899	32,088	32,177	32,411	32,835	33,109
Ratio of gold certificate reserves to deposit and FR note liabilities combined ... percent	[3] 31.8	[3] 29.7	31.6	31.3	31.2	31.0	30.8	30.3	29.7	30.4	30.1	30.2	30.3	30.0	29.7	29.5

r Revised. p Preliminary. [1] Quarterly average.
[2] Excludes persons under extended duration provisions (thous.): 1963—June, 60; July, 45; Aug., 38; Sept., 36; Oct., 31; Nov., 20; Dec., 9; 1964—Jan., 3; Feb., 2; Mar., 1; Apr., 32; May, 54; June, 68. [3] End of year.
‡Revised back to 1951 to incorporate adjustments as follows: Enlargement of sample; updated seasonal factors; new weights for component indexes based on labor force in cities covered; and shift of index base to 1957-59=100. Monthly data (1948-62) appear on p. 24 of the Mar. 1964 SURVEY. ⊕Revisions back to 1959 are available.
†See corresponding note, bottom p. S-13. §Wages as of Aug. 1, 1964: Common labor, $3.295; skilled labor, $4.787.
♂Insured unemployment as % of average covered employment in a 12-month period.
¶Includes Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles.
♀Includes data not shown separately.

FINANCE—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	End of year		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
BANKING—Continued																
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total ..... mil. $	120,040	120,746	19,729	20,020	19,719	19,945	20,003	20,114	20,746	20,675	20,148	20,213	20,273	20,219	20,558	20,664
Required ..... do	119,468	120,210	19,355	19,537	19,256	19,533	19,596	19,705	20,210	20,248	19,753	19,856	19,898	19,886	20,170	20,264
Excess ..... do	[1] 572	[1] 536	374	483	463	412	407	409	536	427	395	357	375	333	388	400
Borrowings from Federal Reserve banks ..... do	[1] 304	[1] 327	236	322	330	321	313	376	327	256	304	259	213	255	270	265
Free reserves ..... do	[1] 268	[1] 209	138	161	133	91	94	33	209	171	91	98	162	78	118	135
Weekly reporting member banks of Fed. Res. System, condition, Wed. nearest end of yr. or mo.:																
Deposits:																
Demand, adjusted♂ ..... mil. $	65,843	67,844	60,954	63,281	61,528	61,885	63,809	63,950	67,844	64,940	62,565	62,532	63,959	61,472	62,654	63,674
Demand, total♀ ..... do	102,109	104,335	95,198	92,818	88,012	95,237	90,875	93,771	104,335	90,224	90,575	95,811	91,232	91,474	98,717	90,754
Individuals, partnerships, and corp. ..... do	71,531	74,513	65,724	66,795	64,024	66,320	67,322	69,001	74,513	67,605	65,460	66,659	66,813	64,312	67,206	66,397
States and political subdivisions ..... do	5,125	5,338	4,992	4,968	4,715	4,902	4,762	5,060	5,338	4,926	5,188	5,349	5,529	5,300	5,405	4,897
U.S. Government ..... do	4,749	4,556	6,879	4,920	3,759	6,229	2,304	2,714	4,556	1,545	3,755	5,130	2,948	4,997	7,286	3,604
Domestic commercial banks ..... do	14,321	13,320	11,995	10,874	10,710	12,270	11,452	11,569	13,320	10,739	10,810	12,192	10,464	11,218	11,784	10,441
Time, total♀ ..... do	50,386	59,227	54,910	55,581	56,326	56,711	57,553	57,951	59,227	60,276	60,930	61,446	62,223	63,100	63,112	63,921
Individuals, partnerships, and corp.:																
Savings ..... do	34,920	38,083	36,518	36,741	36,896	37,342	37,534	37,699	38,083	38,131	38,291	38,704	38,437	38,726	39,053	39,168
Other time ..... do	9,221	13,310	11,234	11,691	12,181	12,013	12,639	12,796	13,310	14,057	14,390	14,418	14,950	15,468	15,360	15,943
Loans (adjusted), total♂ ..... do	82,947	92,901	84,311	84,384	84,502	87,366	86,598	88,578	92,901	89,122	89,875	92,002	92,208	93,658	96,022	94,568
Commercial and industrial ..... do	35,351	38,793	35,391	35,014	35,204	36,145	36,296	37,254	38,793	37,195	37,590	38,308	38,057	38,243	38,785	38,504
For purchasing or carrying securities ..... do	5,928	6,621	5,359	5,328	5,044	6,229	5,407	5,852	6,621	5,929	5,695	6,033	5,952	6,598	6,799	6,384
To nonbank financial institutions ..... do	7,365	8,595	7,306	7,624	7,447	7,731	7,243	7,226	8,595	7,339	7,511	8,179	7,881	8,013	8,887	8,064
Real estate loans ..... do	15,519	17,880	16,829	17,030	17,269	17,455	17,651	17,846	17,880	17,991	18,161	18,366	18,520	18,706	18,936	19,120
Other loans ..... do	22,812	23,809	22,743	23,283	23,496	23,647	24,097	24,874	23,809	24,606	24,664	25,939	26,029	26,010	26,975	27,119
Investments, total ..... do	48,147	48,404	47,991	47,601	46,624	47,618	47,156	46,720	48,404	46,746	46,972	46,371	46,472	46,133	46,738	45,764
U.S. Government obligations, total ..... do	32,369	29,018	29,789	29,099	27,683	28,367	27,990	27,926	29,018	27,759	27,591	26,870	26,713	26,567	26,621	25,701
Notes and bonds ..... do	24,514	23,127	24,253	23,894	23,724	23,400	23,150	23,328	23,127	22,362	23,260	22,680	22,752	22,588	22,420	22,104
Other securities ..... do	15,778	19,386	18,202	18,502	18,941	19,251	19,166	18,794	19,386	18,987	19,381	19,501	19,759	19,566	20,117	20,063
Commercial bank credit (last Wed. of mo., except for June 30 and Dec. 31 call dates), seas. adjusted:‡																
Total loans and investments⊙ ..... bil. $	228.3	246.5	238.4	238.0	239.2	241.5	241.2	244.2	246.5	246.7	248.4	251.4	251.8	253.5	255.1	--------
Loans⊙ ..... do	133.9	149.4	141.7	142.6	143.6	145.4	146.1	148.4	149.4	151.0	151.8	153.9	155.4	157.3	158.9	--------
U.S. Government securities ..... do	65.2	62.1	64.4	62.6	62.0	62.2	60.8	61.4	62.1	60.8	61.2	62.1	60.8	60.3	59.9	--------
Other securities ..... do	29.2	35.0	32.3	32.8	33.6	33.9	34.3	34.4	35.0	34.9	35.4	35.4	35.6	35.9	36.3	--------
Money and interest rates: §																
Bank rates on short-term business loans:																
In 19 cities ..... percent	[2] 5.00	[2] 5.01	5.01	--------	--------	5.01	--------	--------	5.00	--------	--------	4.99	--------	--------	4.99	--------
New York City ..... do	[2] 4.78	[2] 4.79	4.78	--------	--------	4.81	--------	--------	4.76	--------	--------	4.77	--------	--------	4.74	--------
7 other northern and eastern cities ..... do	[2] 5.01	[2] 5.01	5.01	--------	--------	5.01	--------	--------	5.04	--------	--------	5.02	--------	--------	5.03	--------
11 southern and western cities ..... do	[2] 5.32	[2] 5.30	5.32	--------	--------	5.30	--------	--------	5.29	--------	--------	5.29	--------	--------	5.29	--------
Discount rate, end of year or month (N.Y.F.R. Bank) ..... percent	3.00	3.50	3.00	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Federal intermediate credit bank loans ..... do	[3] 4.05	[3] 4.26	4.10	4.16	4.28	4.44	4.50	4.51	4.53	4.54	4.62	4.63	4.70	4.73	4.74	--------
Federal land bank loans ..... do	[3] 5.56	[3] 5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	--------
Home mortgage rates (conventional 1st mortgages): *																
New home purchase (U.S. avg.) ..... percent	--------	[3] 5.84	5.82	5.82	5.82	5.81	5.82	5.82	5.80	5.83	5.81	5.79	5.79	5.77	5.76	5.76
Existing home purchase (U.S. avg.) ..... do	--------	[3] 5.98	5.94	5.93	5.93	5.94	5.93	5.97	5.98	5.98	5.95	5.94	5.92	5.92	5.89	5.93
Open market rates, New York City:																
Bankers' acceptances (prime, 90 days) ..... do	[3] 3.01	[3] 3.36	3.24	3.41	3.59	3.63	3.63	3.71	3.63	3.70	3.75	3.75	3.80	3.75	3.75	3.75
Commercial paper (prime, 4-6 months) ..... do	[3] 3.26	[3] 3.55	3.38	3.49	3.72	3.88	3.88	3.88	3.96	3.97	3.88	4.00	3.91	3.89	4.00	3.96
Finance Co. paper placed directly, 3-6 mo. ..... do	[3] 3.07	[3] 3.40	3.21	3.35	3.57	3.63	3.72	3.75	3.84	3.82	3.76	3.83	3.80	3.76	3.88	3.81
Stock Exchange call loans, going rate ..... do	[3] 4.50	[3] 4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue) ..... percent	[3] 2.778	[3] 3.157	2.995	3.143	3.320	3.379	3.453	3.522	3.523	3.529	3.532	3.553	3.484	3.482	3.478	3.479
3-5 year issues ..... do	[3] 3.57	[3] 3.72	3.67	3.78	3.81	3.88	3.91	3.97	4.04	4.06	4.02	4.15	4.18	4.07	4.03	3.99
Savings deposits, balance to credit of depositors:																
N.Y. State savings banks, end of yr. or mo. mil. $	23,917	25,693	24,763	24,777	24,862	25,154	25,236	25,368	25,693	25,940	26,089	26,411	26,421	26,585	26,900	27,051
U.S. postal savings ¶ ..... do	539	452	484	478	472	466	461	456	452	447	436	430	425	421	415	--------
CONSUMER CREDIT‡ (Short- and Intermediate-term)																
Total outstanding, end of year or month ..... mil. $	63,164	69,890	64,987	65,491	66,308	66,538	67,088	67,746	69,890	69,203	68,786	68,913	69,816	70,945	71,907	--------
Installment credit, total ..... do	48,034	53,745	50,307	50,894	51,526	51,718	52,257	52,695	53,745	53,597	53,552	53,795	54,382	55,120	55,914	--------
Automobile paper ..... do	19,540	22,199	21,236	21,593	21,819	21,725	21,971	22,107	22,199	22,189	22,271	22,471	22,830	23,255	23,702	--------
Other consumer goods paper ..... do	12,605	13,766	12,422	12,459	12,607	12,702	12,845	13,046	13,766	13,638	13,467	13,451	13,476	13,599	13,730	--------
Repair and modernization loans ..... do	3,246	3,389	3,281	3,316	3,357	3,377	3,400	3,407	3,389	3,354	3,335	3,321	3,328	3,364	3,395	--------
Personal loans ..... do	12,643	14,391	13,368	13,526	13,743	13,914	14,041	14,135	14,391	14,416	14,479	14,552	14,748	14,902	15,087	--------
By type of holder:																
Financial institutions, total ..... do	41,782	46,992	44,373	44,878	45,375	45,687	46,161	46,462	46,992	47,300	47,454	47,653	48,191	48,824	49,543	--------
Commercial banks ..... do	19,005	21,610	20,602	20,874	21,101	21,145	21,391	21,486	21,610	21,630	21,799	21,919	22,224	22,559	22,907	--------
Sales finance companies ..... do	12,194	13,523	12,693	12,807	12,906	13,073	13,187	13,302	13,523	13,840	13,788	13,802	13,893	14,027	14,228	--------
Credit unions ..... do	4,902	5,622	5,251	5,330	5,412	5,458	5,529	5,569	5,622	5,584	5,607	5,668	5,776	5,889	6,014	--------
Consumer finance companies ..... do	4,131	4,590	4,241	4,276	4,329	4,381	4,425	4,461	4,590	4,592	4,595	4,597	4,628	4,657	4,701	--------
Other ..... do	1,550	1,647	1,586	1,591	1,627	1,630	1,629	1,644	1,647	1,654	1,665	1,667	1,670	1,692	1,693	--------
Retail outlets, total ..... do	6,252	6,753	5,934	6,016	6,151	6,031	6,096	6,233	6,753	6,297	6,098	6,142	6,191	6,296	6,371	--------
Department stores ..... do	3,013	3,427	2,925	2,999	3,107	3,025	3,077	3,172	3,427	3,063	2,949	3,044	3,106	3,182	3,231	--------
Furniture stores ..... do	1,073	1,086	997	994	1,004	1,009	1,015	1,032	1,086	1,065	1,047	1,022	1,013	1,020	1,028	--------
Automobile dealers ..... do	345	328	331	343	341	321	325	326	328	328	330	334	340	348	355	--------
Other ..... do	1,821	1,912	1,681	1,680	1,699	1,676	1,679	1,703	1,912	1,841	1,772	1,742	1,732	1,746	1,757	--------
Noninstallment credit, total ..... do	15,130	16,145	14,680	14,597	14,782	14,820	14,831	15,051	16,145	15,606	15,234	15,118	15,434	15,825	15,993	--------
Single-payment loans, total ..... do	5,456	5,959	5,709	5,683	5,789	5,844	5,830	5,894	5,959	5,900	5,958	6,002	6,048	6,206	6,233	--------
Commercial banks ..... do	4,690	5,047	4,893	4,874	4,879	4,927	4,952	4,987	5,047	4,991	5,036	5,076	5,152	5,230	5,313	--------
Other financial institutions ..... do	766	912	816	809	910	917	878	907	912	909	922	926	896	976	920	--------

r Revised.
[1] Average for Dec. [2] Quarterly average. [3] Monthly average.
♂For demand deposits, the term "adjusted" denotes demand deposits other than domestic commercial interbank and U.S. Government, less cash items in process of collection; for loans, exclusive of loans to domestic commercial banks and after deduction of valuation reserves (individual loan items are shown gross: i.e., before deduction of valuation reserves).
♀Includes data not shown separately. ‡Data have been revised as follows: Commercial bank credit (seas. adj. only), back to 1948; consumer credit—unadj., back to 1962; seas. adj., back to 1960. Revisions are available as follows: Commercial bank credit, 1948-63, in the June 1964 Fed. Res. Bulletin; consumer credit—1962 unadj., in the Nov. 1963 Fed. Res. Bulletin; 1960-62 seas. adj., on p. 28 of the June 1964 SURVEY. ⊙Adjusted to exclude interbank loans. §For bond yields, see p. S-20.
*New series (FHLBB); data prior to Dec. 1962 not available. ¶Data are as of end of consecutive 4-week periods ending in month indicated, except June figure which is as of June 30 (end of fiscal year).

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FINANCE—Continued																
CONSUMER CREDIT‡—Continued																
Total outstanding, end of year or month—Con.																
Noninstallment credit—Continued																
Charge accounts, total ... mil. $	5,684	5,871	4,783	4,760	4,839	4,833	4,898	4,999	5,871	5,339	4,805	4,634	4,833	5,099	5,238	-------
Department stores ... do	927	895	599	555	579	620	639	667	895	782	655	614	610	626	610	-------
Other retail outlets ... do	4,252	4,456	3,689	3,682	3,713	3,667	3,743	3,817	4,456	4,014	3,590	3,485	3,667	3,910	4,028	-------
Credit cards ... do	505	520	495	523	547	546	516	515	520	543	560	535	556	563	600	-------
Service credit ... do	3,990	4,315	4,188	4,154	4,154	4,143	4,103	4,158	4,315	4,367	4,471	4,482	4,553	4,520	4,522	-------
Installment credit extended and repaid:																
Unadjusted:																
Extended, total ... do	4,594	5,068	5,222	5,365	5,242	4,755	5,487	4,981	5,974	4,784	4,552	5,322	5,578	5,584	5,949	-------
Automobile paper ... do	1,650	1,834	1,967	2,055	1,839	1,524	2,040	1,734	1,767	1,689	1,686	1,983	2,127	2,137	2,245	-------
Other consumer goods paper ... do	1,307	1,417	1,410	1,393	1,456	1,384	1,547	1,517	2,094	1,380	1,212	1,488	1,495	1,547	1,632	-------
All other ... do	1,637	1,817	1,845	1,917	1,947	1,847	1,900	1,730	2,113	1,715	1,654	1,851	1,956	1,900	2,072	-------
Repaid, total ... do	4,218	4,593	4,399	4,778	4,610	4,563	4,948	4,543	4,924	4,932	4,597	5,079	4,991	4,846	5,155	-------
Automobile paper ... do	1,456	1,613	1,525	1,698	1,613	1,618	1,794	1,598	1,675	1,699	1,604	1,783	1,768	1,712	1,798	-------
Other consumer goods paper ... do	1,245	1,320	1,260	1,356	1,308	1,289	1,404	1,316	1,374	1,508	1,383	1,504	1,470	1,424	1,501	-------
All other ... do	1,517	1,659	1,614	1,724	1,689	1,656	1,750	1,629	1,875	1,725	1,610	1,792	1,753	1,710	1,856	-------
Seasonally adjusted:																
Extended, total ... do	-------	-------	5,054	5,100	5,100	5,093	5,311	4,979	5,272	5,276	5,421	5,480	5,371	5,552	5,399	-------
Automobile paper ... do	-------	-------	1,820	1,854	1,802	1,730	1,910	1,792	1,914	1,888	1,953	1,942	1,961	2,023	1,962	-------
Other consumer goods paper ... do	-------	-------	1,408	1,409	1,441	1,425	1,457	1,482	1,523	1,493	1,578	1,665	1,544	1,589	1,537	-------
All other ... do	-------	-------	1,826	1,837	1,857	1,938	1,944	1,755	1,835	1,895	1,890	1,873	1,866	1,940	1,900	-------
Repaid, total ... do	-------	-------	4,568	4,591	4,619	4,752	4,780	4,596	4,812	4,848	4,842	4,956	4,959	5,059	5,029	-------
Automobile paper ... do	-------	-------	1,588	1,603	1,607	1,659	1,676	1,638	1,707	1,684	1,716	1,735	1,759	1,776	1,768	-------
Other consumer goods paper ... do	-------	-------	1,317	1,330	1,326	1,347	1,362	1,324	1,384	1,441	1,395	1,468	1,453	1,483	1,486	-------
All other ... do	-------	-------	1,663	1,658	1,686	1,746	1,742	1,634	1,721	1,723	1,731	1,753	1,747	1,800	1,775	-------
FEDERAL GOVERNMENT FINANCE																
Net cash transactions with the public:♂																
Receipts from ... mil. $	8,850	9,381	13,980	4,693	10,960	11,652	4,423	9,617	10,503	6,628	11,525	12,168	8,334	10,652	14,286	-------
Payments to ... do	9,323	9,763	9,472	10,045	11,287	9,549	10,740	9,812	10,069	9,848	9,393	9,390	10,163	9,533	10,290	-------
Excess of receipts, or payments (−) ... do	−472	−382	4,508	−5,353	−328	2,102	−6,318	−194	433	−3,219	2,132	2,778	−1,829	1,119	3,996	-------
Seasonally adjusted quarterly totals: §																
Receipts ... do	-------	-------	27,845	-------	-------	28,472	-------	-------	28,976	-------	-------	29,668	-------	-------	28,438	-------
Payments ... do	-------	-------	28,503	-------	-------	30,395	-------	-------	29,962	-------	-------	30,491	-------	-------	29,341	-------
Excess of receipts, or payments (−) ... do	-------	-------	−658	-------	-------	−1,923	-------	-------	−986	-------	-------	−823	-------	-------	−903	-------
Budget receipts and expenditures:																
Receipts, total ... do	8,983	9,523	13,996	4,871	9,977	11,722	4,371	8,911	10,379	6,580	12,235	13,961	9,559	10,525	p14,438	-------
Receipts, net¶ ... do	7,059	7,293	12,061	3,547	7,290	10,095	3,400	7,131	8,803	5,853	8,047	10,148	6,609	6,136	p12,310	-------
Customs ... do	103	105	95	117	108	104	123	106	103	101	87	108	109	100	p 117	-------
Individual income taxes ... do	4,340	4,525	5,305	1,676	5,785	5,350	1,651	5,541	3,582	3,873	6,975	3,991	5,895	5,398	p4,810	-------
Corporation income taxes ... do	1,821	1,897	5,511	574	386	3,603	557	396	3,726	583	451	6,654	684	491	p6,196	-------
Employment taxes ... do	1,108	1,346	1,340	537	2,061	1,098	468	1,440	1,147	404	2,835	1,579	1,106	2,864	p1,460	-------
Other internal revenue and receipts ... do	1,612	1,650	1,745	1,967	1,633	1,567	1,571	1,428	1,820	1,619	1,887	1,629	1,765	1,672	p1,855	-------
Expenditures, total¶ ... do	7,659	7,849	7,715	7,863	8,305	7,815	8,776	7,784	8,289	8,492	7,521	7,871	7,930	7,511	p9,513	-------
Interest on public debt ... do	796	852	865	882	850	856	865	863	903	925	880	907	895	899	p 948	-------
Veterans' services and benefits ... do	442	439	385	468	466	438	463	454	455	481	450	455	415	449	p 500	-------
National defense ... do	4,425	4,414	4,616	4,178	4,469	4,215	4,710	4,081	4,515	4,348	4,365	4,378	4,564	r4,666	p5,661	-------
All other expenditures ... do	2,052	2,189	1,886	2,579	2,572	2,334	2,750	2,386	2,442	2,819	1,946	2,143	2,071	r1,523	p2,451	-------
Public debt and guaranteed obligations:																
Gross debt (direct), end of mo., total ... bil. $	[1]303.47	[1]309.35	305.86	304.84	306.54	306.64	306.44	308.22	309.35	308.58	310.36	309.59	307.60	311.53	311.71	311.18
Interest bearing, total ... do	[1]299.21	[1]305.21	301.95	300.94	302.52	302.66	302.46	304.09	305.21	304.50	306.13	305.40	303.38	307.21	307.36	306.86
Public issues ... do	[1]255.78	[1]261.56	257.15	257.21	257.01	258.01	259.18	260.54	261.56	262.58	263.25	262.18	261.38	262.18	260.73	261.12
Held by U.S. Govt. investment accts. ... do	[1]11.99	[1]14.14	13.40	13.20	13.21	13.48	13.76	14.01	14.14	14.44	14.39	14.23	13.93	14.16	14.34	-------
Special issues ... do	[1]43.43	[1]43.66	44.80	43.72	45.52	44.65	43.28	43.55	43.66	41.92	42.88	43.22	42.00	45.03	46.63	45.74
Noninterest bearing ... do	[1]4.26	[1]4.13	3.91	3.90	4.01	3.97	3.98	4.12	4.13	4.08	4.22	4.18	4.22	4.32	4.36	4.33
Guaranteed obligations not owned by U.S. Treasury, end of month ... bil. $	[1].52	[1].74	.61	.65	.67	.69	.71	.72	.74	.76	.79	.82	.80	.89	.81	.82
U.S. savings bonds:																
Amount outstanding, end of month ... do	[1]47.87	[1]49.03	48.47	48.58	48.70	48.74	48.82	48.93	49.03	49.11	49.21	49.26	49.30	49.37	49.44	49.50
Sales, series E and H ... do	.36	.40	.35	.41	.40	.35	.39	.33	.36	.47	.41	.40	.38	.37	.38	.39
Redemptions ... do	.47	.42	.40	.44	.39	.42	.42	.34	.39	.53	.43	.48	.45	.41	.45	.47
LIFE INSURANCE																
Institute of Life Insurance:																
Assets, total, all U.S. life insurance companies § ... bil. $	[1]133.29	-------	136.70	137.67	138.36	138.76	139.61	140.21	140.90	141.87	142.53	143.07	143.68	144.31	-------	-------
Bonds (book value), domestic and foreign, total ... bil. $	[1]63.72	-------	65.23	65.58	65.72	65.79	66.08	66.36	66.10	66.63	66.79	66.76	66.91	67.11	-------	-------
U.S. Government ... do	[1]6.17	-------	5.76	5.84	5.81	5.82	5.83	5.79	5.76	5.78	5.80	5.73	5.69	5.73	-------	-------
State, county, municipal (U.S.) ... do	[1]4.03	-------	3.98	3.95	3.94	3.89	3.89	3.89	3.88	3.86	3.86	3.85	3.85	3.83	-------	-------
Public utility (U.S.) ... do	[1]16.51	-------	16.52	16.49	16.49	16.46	16.47	16.48	16.43	16.44	16.42	16.44	16.43	16.47	-------	-------
Railroad (U.S.) ... do	[1]3.48	-------	3.50	3.48	3.48	3.47	3.46	3.45	3.43	3.42	3.42	3.41	3.41	3.40	-------	-------
Industrial and miscellaneous (U.S.) ... do	[1]28.64	-------	29.77	30.07	30.23	30.33	30.62	30.98	30.94	31.41	31.46	31.51	31.64	31.76	-------	-------
Stocks (book value), domestic and foreign, total ... bil. $	[1]6.30	-------	5.45	5.45	5.50	5.56	5.56	5.58	5.68	5.74	5.77	5.85	5.90	5.94	-------	-------
Preferred (U.S.) ... do	[1]2.18	-------	2.27	2.28	2.29	2.30	2.29	2.31	2.34	2.35	2.35	2.36	2.37	2.39	-------	-------
Common (U.S.) ... do	[1]4.03	-------	3.10	3.08	3.11	3.17	3.18	3.18	3.25	3.29	3.32	3.39	3.43	3.44	-------	-------
Mortgage loans, total ... do	[1]46.90	-------	48.42	48.66	48.96	49.22	49.54	49.81	50.54	50.83	51.13	51.44	51.81	52.12	-------	-------
Nonfarm ... do	[1]43.50	-------	44.83	45.03	45.29	45.52	45.80	46.06	46.75	47.01	47.27	47.52	47.82	48.08	-------	-------
Real estate ... do	[1]4.11	-------	4.24	4.26	4.31	4.34	4.36	4.37	4.35	4.37	4.38	4.39	4.40	4.42	-------	-------
Policy loans and premium notes ... do	[1]6.23	-------	6.44	6.51	6.55	6.58	6.62	6.65	6.69	6.73	6.77	6.82	6.87	6.91	-------	-------
Cash ... do	[1]1.46	-------	1.21	1.26	1.25	1.34	1.34	1.32	1.44	1.28	1.27	1.28	1.17	1.18	-------	-------
Other assets ... do	[1]4.57	-------	5.71	5.94	6.07	5.92	6.11	6.11	6.10	6.29	6.43	6.53	6.61	6.64	-------	-------
Payments to policyholders and beneficiaries in U.S., total ... mil. $	777.1	835.7	824.9	798.3	780.6	798.5	860.7	731.3	1,083.0	885.8	838.2	938.0	885.5	830.2	-------	-------
Death payments ... do	323.2	350.7	325.0	352.3	343.8	324.6	368.1	307.5	369.7	400.3	364.6	397.6	386.5	356.9	-------	-------
Matured endowments ... do	59.5	67.4	65.9	63.9	64.7	63.8	70.6	67.4	73.1	78.7	72.1	81.3	75.5	72.0	-------	-------
Disability payments ... do	11.8	12.9	12.4	13.5	12.7	12.6	13.1	11.5	14.8	12.6	12.1	13.8	13.7	13.7	-------	-------
Annuity payments ... do	69.8	75.1	73.5	80.3	62.3	71.9	76.0	71.9	74.4	93.2	77.4	82.5	79.6	75.0	-------	-------
Surrender values ... do	147.7	149.1	147.8	150.1	154.1	143.7	149.4	127.1	163.5	151.5	146.6	167.3	158.5	147.8	-------	-------
Policy dividends ... do	165.0	180.4	200.3	138.2	143.0	181.9	183.5	145.9	387.5	149.5	165.4	195.5	171.7	164.8	-------	-------

r Revised. p Preliminary. [1] End of year; assets of life insurance companies are annual statement values. ‡See similar note on p. S-17. ♂Other than borrowing.

§ Revisions available upon request are as follows: Net cash transactions with the public (seas. adj.), 1962-1st qtr. 1963; assets all life insurance cos., Jan.-Apr. 1963.

¶Data for net receipts and total expenditures reflect exclusion of certain interfund transactions.

FINANCE—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
LIFE INSURANCE—Continued																
Life Insurance Agency Management Association:																
Insurance written (new paid-for insurance):‡																
Value, estimated total ... mil. $	6,631	7,455	7,199	7,179	7,082	7,361	8,406	7,537	9,281	6,932	7,563	8,553	9,090	7,987	8,917	
Ordinary ... do	4,686	5,284	5,192	5,192	5,149	5,099	5,996	5,548	6,096	5,070	5,336	6,124	6,308	5,913	6,155	
Group and wholesale ... do	1,358	1,574	1,404	1,417	1,339	1,662	1,764	1,388	2,651	1,350	1,609	1,798	2,174	1,427	2,140	
Industrial ... do	587	596	603	570	594	600	646	601	534	512	618	631	608	647	622	
Premiums collected:																
Total life insurance premiums ... do	1,052	1,125	1,072	1,127	1,127	1,066	1,154	1,065	1,351	1,168	1,152	1,179	1,157	1,135	1,174	
Ordinary ... do	778	842	811	853	847	799	876	811	929	889	878	897	879	856	883	
Group and wholesale ... do	155	167	159	166	174	160	170	150	205	173	164	177	176	172	190	
Industrial ... do	120	116	102	108	106	106	108	105	217	106	110	105	102	107	100	
MONETARY STATISTICS																
Gold and silver:																
Gold:																
Monetary stock, U.S. (end of yr. or mo.) ... mil. $	[1] 15,978	[1] 15,513	15,733	15,633	15,582	15,582	15,583	15,582	15,513	15,512	15,462	15,461	15,462	15,463	c15,461	15,462
Net release from earmark§ ... do	−66	−21	−39	−169	−44	−3	107	−23	94	55	15	109	49	−21	−48	
Exports ... thous. $	31,747	16,982	15	189	83	56,286	28,139	28,416	28,142	56,294	84,438	28,334	56,307	28,155		
Imports ... do	12,578	3,701	2,062	9,769	7,566	1,321	1,749	2,094	2,489	2,404	2,011	2,357	1,813	1,855		
Production, world total ... mil. $	r[2] 107.9	[2] 112.5														
South Africa ... do	74.4	80.0	80.1	81.6	81.7	80.9	82.0	81.6	78.6	78.7	79.9	84.9	82.3			
Canada ... do	12.1	11.6	11.6	10.9	11.7	11.5	12.2	11.7	10.8	10.7	9.8	10.3	11.6	10.7		
United States ... do	4.5	4.3														
Silver:																
Exports ... thous. $	1,262	3,480	2,618	265	1,624	2,945	5,756	11,439	3,780	5,230	7,010	4,623	11,310	3,883		
Imports ... do	6,208	5,910	6,854	6,013	4,865	6,798	7,178	4,658	6,433	6,638	6,189	6,007	3,097	7,168		
Price at New York ... dol. per fine oz.	[3] 1.084	1.279	1.277	1.290	1.288	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293
Production:																
Canada ... thous. fine oz.	2,556	2,487	2,408	2,216	2,908	2,285	2,707	2,890	2,263	r 2,550	r 1,986	r 2,224	2,372			
Mexico ... do	3,437	3,286	3,195	3,587	3,350	3,245	2,542	3,489	3,373	3,321	3,924	3,049				
United States ... do	[4] 3,029	3,843	3,346	3,806	3,328	3,707	3,218	3,682	3,593	3,000	4,150	3,776	3,996			
Currency in circulation, end of yr. or mo. ... bil. $	[1] 35.3	[1] 37.7	35.5	35.7	35.8	35.9	36.2	37.2	37.7	36.2	36.3	36.8	36.9	37.2	37.7	
Money supply and related data (avg. of daily fig.):‡																
Unadjusted for seas. variation:																
Total money supply ... bil. $	[5] 146.2	[5] 150.6	148.3	149.5	149.2	150.6	152.5	154.8	157.2	157.8	153.8	152.9	155.3	152.4	153.6	155.2
Currency outside banks ... do	[5] 30.1	[5] 31.5	31.4	31.8	31.9	31.9	32.1	32.6	33.1	32.4	32.3	32.6	32.7	33.0	33.3	33.7
Demand deposits ... do	[5] 116.1	[5] 119.0	116.9	117.7	117.3	118.6	120.4	122.1	124.1	125.4	121.5	120.3	122.6	119.4	120.3	121.5
Time deposits adjusted¶ ... do	[5] 91.1	[5] 105.5	105.2	106.2	107.5	108.3	109.5	110.2	111.0	113.2	114.6	115.7	116.7	118.1	119.2	120.1
U.S. Government deposits ... do	[5] 5.9	[5] 5.9	7.5	7.8	6.3	6.6	5.3	4.4	5.2	4.2	4.8	6.1	4.2	6.9	7.8	7.0
Adjusted for seas. variation:																
Total money supply ... do			150.2	151.0	151.2	151.6	152.3	153.5	153.2	153.8	153.8	154.2	154.7	154.5	155.6	156.7
Currency outside banks ... do			31.5	31.6	31.8	31.9	32.0	32.3	32.4	32.6	32.7	32.9	33.0	33.3	33.4	33.5
Demand deposits ... do			118.6	119.4	119.5	119.7	120.3	121.2	120.7	121.2	121.1	121.3	121.7	121.3	122.1	123.3
Time deposits adjusted¶ ... do			104.6	105.6	107.1	108.1	109.3	111.1	112.3	113.9	115.1	115.7	116.4	117.4	118.5	119.4
Turnover of demand deposits except interbank and U.S. Govt., annual rates, seas. adjusted:																
Total (344 centers) ... ratio of debits to deposits	41.5	44.3	42.5	45.8	44.9	46.8	46.2	43.6	46.3	47.1	44.8	46.7	49.1	46.8	47.5	
New York City ... do	77.8	84.8	79.3	85.1	88.9	96.9	87.2	80.7	89.0	92.1	86.2	91.6	95.5	90.9	94.5	
6 other centers♂ ... do	41.2	44.6	42.7	46.8	44.2	46.7	48.4	46.0	47.5	47.8	45.4	46.9	49.3	47.6	47.1	
337 other reporting centers ... do	27.7	29.0	28.1	30.3	29.5	29.9	30.1	29.0	29.8	30.6	29.5	30.1	31.6	30.4	30.5	
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Fed. Trade and SEC):																
Net profit after taxes, all industries ... mil. $	[6] 4,430	[6] 4,871	5,213			4,785			5,461			5,121				
Food and kindred products ... do	[6] 342	[6] 362	356			417			397			341				
Textile mill products ... do	[6] 88	[6] 88	90			97			103			85				
Lumber and wood products (except furniture) ... mil. $	[6] 41	[6] 62	68			96			55			61				
Paper and allied products ... do	[6] 157	[6] 158	164			153			194			162				
Chemicals and allied products ... do	[6] 560	[6] 607	674			606			636			630				
Petroleum refining ... do	[6] 809	[6] 958	865			938			1,117			1,022				
Stone, clay, and glass products ... do	[6] 145	[6] 148	219			204			145			70				
Primary nonferrous metal ... do	[6] 133	[6] 141	149			129			160			174				
Primary iron and steel ... do	[6] 180	[6] 234	321			184			265			262				
Fabricated metal products (except ordnance, machinery, and transport. equip.) ... mil. $	[6] 152	[6] 167	179			202			171			152				
Machinery (except electrical) ... do	[6] 327	[6] 358	417			362			333			416				
Elec. machinery, equip., and supplies ... do	[6] 305	[6] 325	326			312			370			323				
Transportation equipment (except motor vehicles, etc.) ... mil. $	[6] 110	[6] 111	129			114			109			111				
Motor vehicles and equipment ... do	[6] 572	[6] 640	751			365			807			822				
All other manufacturing industries ... do	[6] 508	[6] 510	503			607			570			489				
Dividends paid (cash), all industries ... do	[6] 2,320	[6] 2,467	2,371			2,164			3,131			2,410				
Electric utilities, profits after taxes (Federal Reserve) ... mil. $	[6] 513	[6] 546	498			529			532			660				
Transportation and communications (see pp. S-23 and S-24).																
SECURITIES ISSUED																
Securities and Exchange Commission:‡																
Estimated gross proceeds, total ... mil. $	2,496	2,635	5,054	2,089	1,980	1,673	2,977	2,117	2,312	2,482	2,022	2,121	4,866	2,234		
By type of security:																
Bonds and notes, total ... do	2,352	2,521	4,942	1,989	1,880	1,586	2,852	1,958	2,229	2,360	1,933	2,031	3,503	2,086		
Corporate ... do	747	906	1,133	710	656	784	992	732	1,376	863	621	714	812	977		
Common stock ... do	109	85	75	65	61	81	91	106	53	95	80	87	1,342	98		
Preferred stock ... do	35	29	38	35	39	5	34	54	30	27	8	3	22	50		

r Revised. [1] End of year. [2] Estimated; excludes U.S.S.R., other Eastern European countries, China Mainland, and North Korea. [3] Effective Aug. 1962 for silver in commercial bar form (priced ¼ cent higher than on former basis; 4/10 cent higher effective Nov. 15, 1962). [4] Based on refinery production (U.S. Bu. of Mint data); not comparable with later figures shown, which are from Amer. Bu. of Metal Statistics. [5] Average of daily figures. [6] Quarterly average. c Corrected.

‡Revisions will be shown later as follows: Insurance written for Jan.–Apr. 1963 (all series) and 1962 (total and ordinary); securities issued, 1961–62. Revisions back to 1947 for money supply and related data are available in the June 1964 Fed. Res. Bulletin; these revisions result from adjustments to new benchmarks and from revisions of seasonal factors beginning 1955.

§Or increase in earmarked gold (−). ¶ Time deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt. ♂Includes Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles.

FINANCE—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
SECURITIES ISSUED—Continued																
Securities and Exchange Commission‡—Continued																
Estimated gross proceeds—Continued																
By type of issuer:																
Corporate, total♀ ....mil. $..	892	1,020	1,246	810	756	871	1,116	891	1,459	985	710	805	2,175	1,124	.....	.....
Manufacturing ....do....	271	295	239	330	279	287	247	226	531	166	128	165	171	183	.....	.....
Extractive (mining) ....do....	17	18	83	4	13	6	18	17	2	54	10	30	25	17	.....	.....
Public utility ....do....	235	222	413	191	124	79	278	174	203	137	161	195	172	502	.....	.....
Railroad ....do....	19	36	77	26	8	51	17	27	44	30	35	24	48	25	.....	.....
Communication ....do....	109	91	66	92	97	40	46	16	65	159	84	36	1,376	27	.....	.....
Financial and real estate ....do....	158	260	285	93	161	358	453	345	426	335	113	329	266	229	.....	.....
Noncorporate, total♀ ....do....	1,604	1,615	3,808	1,279	1,224	802	1,861	1,226	853	1,497	1,312	1,316	2,691	1,109	.....	.....
U.S. Government ....do....	716	601	2,252	413	398	347	394	333	357	474	413	399	1,444	367	.....	.....
State and municipal ....do....	713	842	1,072	789	726	452	1,282	688	483	1,006	810	844	1,204	660	.....	.....
New corporate security issues:																
Estimated net proceeds, total ....do....	875	1,007	1,230	797	745	862	1,101	879	1,444	972	702	796	2,156	1,110	.....	.....
Proposed uses of proceeds:																
New money, total ....do....	687	749	783	588	566	730	912	606	1,098	845	523	677	2,008	931	.....	.....
Plant and equipment ....do....	471	450	512	374	269	373	368	354	674	473	330	341	1,744	671	.....	.....
Working capital ....do....	216	299	271	214	297	357	544	252	424	372	193	336	264	260	.....	.....
Retirement of securities ....do....	63	127	217	121	107	67	88	61	30	43	17	42	45	69	.....	.....
Other purposes ....do....	126	130	230	89	71	65	100	212	316	85	162	77	103	109	.....	.....
State and municipal issues (Bond Buyer):																
Long-term ....do....	713	842	1,072	789	726	452	1,282	688	483	1,006	810	844	1,204	660	r 900	884
Short-term ....do....	397	457	544	392	567	283	427	613	259	267	470	593	869	515	r 393	218
SECURITY MARKETS																
Brokers' Balances (N.Y.S.E. Members Carrying Margin Accounts)																
Cash on hand and in banks ....mil. $..	[1] 405	[1] 461	407	423	406	431	423	478	461	464	465	474	458	448	464	.....
Customers' debit balances (net) ....do....	[1] 4,149	[1] 5,541	4,930	4,920	5,057	5,356	5,524	5,621	5,541	5,546	5,405	5,387	5,531	5,458	5,391	.....
Customers' free credit balances (net) ....do....	[1] 1,216	[1] 1,210	1,149	1,126	1,093	1,180	1,176	1,211	1,210	1,262	1,199	1,231	1,165	1,138	1,146	.....
Money borrowed ....do....	[1] 2,820	[1] 4,481	3,953	3,865	3,956	4,169	4,251	4,485	4,481	4,251	4,191	4,156	4,428	4,475	4,431	.....
Bonds																
Prices:																
Standard & Poor's Corporation:																
Industrial, utility, and railroad (A1+ issues):																
Composite (19 bonds)♂ ....dol. per $100 bond..	96.2	96.8	97.1	96.6	96.5	95.9	95.9	95.9	95.4	95.3	95.7	95.2	94.6	94.7	94.9	95.2
Domestic municipal (15 bonds) ....do....	112.1	111.3	110.7	110.3	111.4	110.7	109.9	108.5	109.5	111.2	112.3	109.9	110.3	111.6	111.8	112.1
U.S. Treasury bonds, taxable¶ ....do....	86.94	86.31	86.36	86.16	86.45	85.77	85.50	85.03	84.61	84.42	84.60	84.10	83.84	84.38	84.70	84.70
Sales:																
Total, excl. U.S. Government bonds (SEC):																
All registered exchanges:																
Market value ....mil. $..	144.14	145.04	126.55	116.30	128.95	120.86	131.47	162.77	322.41	286.79	230.97	253.06	288.43	257.85	242.25	.....
Face value ....do....	148.83	137.82	127.69	113.84	120.99	113.87	121.30	158.36	240.58	253.71	213.65	240.93	228.37	236.45	229.17	.....
New York Stock Exchange:																
Market value ....do....	138.80	138.94	119.48	110.37	123.41	113.14	122.60	158.16	317.40	280.62	226.21	244.06	282.05	252.29	235.66	.....
Face value ....do....	143.27	132.17	122.36	109.00	116.29	107.96	114.33	153.92	235.87	248.73	209.23	232.30	222.06	231.22	221.26	.....
New York Stock Exchange, exclusive of some stopped sales, face value, total ....mil. $..	121.21	123.61	104.26	95.87	106.74	94.41	107.04	173.13	234.32	284.85	226.12	212.95	226.94	200.45	215.15	190.12
Yields:																
Domestic corporate (Moody's) ....percent..	4.62	4.50	4.47	4.49	4.50	4.52	4.52	4.54	4.55	4.56	4.55	4.56	4.58	4.59	4.59	4.58
By ratings:																
Aaa ....do....	4.33	4.26	4.23	4.26	4.29	4.31	4.32	4.33	4.35	4.37	4.36	4.38	4.40	4.41	4.41	4.40
Aa ....do....	4.47	4.39	4.36	4.39	4.40	4.41	4.43	4.44	4.46	4.49	4.46	4.47	4.49	4.50	4.51	4.50
A ....do....	4.65	4.48	4.45	4.47	4.48	4.50	4.51	4.54	4.54	4.56	4.56	4.56	4.59	4.60	4.60	4.58
Baa ....do....	5.02	4.86	4.84	4.84	4.83	4.84	4.83	4.84	4.85	4.83	4.83	4.83	4.85	4.85	4.85	4.83
By groups:																
Industrial ....do....	4.47	4.42	4.40	4.43	4.45	4.46	4.47	4.47	4.48	4.50	4.48	4.49	4.53	4.54	4.54	4.52
Public utility ....do....	4.51	4.41	4.40	4.42	4.42	4.44	4.44	4.45	4.49	4.51	4.51	4.51	4.53	4.53	4.55	4.54
Railroad ....do....	4.86	4.65	4.61	4.62	4.63	4.65	4.66	4.68	4.68	4.68	4.67	4.67	4.69	4.69	4.70	4.68
Domestic municipal:																
Bond Buyer (20 bonds) ....do....	3.14	3.18	3.22	3.12	3.15	3.19	3.24	3.31	3.26	3.13	3.17	3.32	3.26	3.16	3.20	3.19
Standard & Poor's Corp. (15 bonds) ....do....	3.18	3.23	3.27	3.29	3.22	3.27	3.32	3.41	3.34	3.23	3.17	3.32	3.29	3.21	3.20	3.18
U.S. Treasury bonds, taxable⊙ ....do....	3.95	4.00	4.00	4.01	3.99	4.04	4.07	4.10	4.14	4.15	4.14	4.18	4.20	4.16	4.13	4.13
Stocks																
Cash dividend payments publicly reported:																
Total dividend payments ....mil. $..	[2] 15,076	[2] 16,188	2,321.1	1,081.5	454.3	2,230.6	1,071.4	480.7	3,316.7	1,187.5	594.7	2,377.0	1,131.1	454.2	2,566.0	1,157.8
Finance ....do....	[2] 2,360	[2] 2,487	197.1	220.7	96.0	233.1	216.9	124.8	449.2	305.1	209.3	240.2	221.2	104.0	229.3	241.1
Manufacturing ....do....	[2] 7,823	[2] 8,510	1,546.4	355.5	170.1	1,406.0	358.4	165.6	2,164.8	346.2	170.8	1,542.9	353.3	164.5	1,722.5	362.1
Mining ....do....	[2] 549	[2] 582	112.2	15.5	2.8	110.0	15.1	3.4	175.1	18.1	2.2	110.6	18.2	3.9	112.3	16.6
Public utilities:																
Communications ....do....	[2] 1,411	[2] 1,456	102.8	258.4	3.0	120.1	244.5	3.2	124.2	247.0	3.0	109.6	289.4	3.5	111.6	288.7
Electric and gas ....do....	[2] 1,773	[2] 1,900	212.2	133.9	131.9	215.1	134.9	136.7	216.8	135.0	140.1	223.8	140.1	137.5	225.8	141.1
Railroads ....do....	[2] 353	[2] 377	59.2	16.7	8.7	56.4	21.2	6.2	87.6	26.4	8.8	62.4	23.8	5.7	63.9	21.1
Trade ....do....	[2] 606	[2] 642	61.3	64.2	32.2	62.1	62.9	30.4	62.4	90.2	47.7	57.4	66.7	23.7	65.6	70.3
Miscellaneous ....do....	[2] 201	[2] 232	29.9	16.6	9.6	27.8	17.5	10.4	36.6	19.5	12.8	30.1	18.4	11.4	35.0	16.8
Dividend rates and prices, common stocks (Moody's):																
Dividends per share, annual rate (200 stocks) ....dollars..	5.99	6.42	6.40	6.41	6.41	6.41	6.51	6.80	6.82	6.89	6.91	6.93	6.95	6.97	6.98	7.03
Industrial (125 stocks) ....do....	6.43	6.98	6.97	6.97	6.97	6.97	7.10	7.39	7.41	7.52	7.55	7.56	7.58	7.61	7.61	7.68
Public utility (24 stocks) ....do....	2.97	3.21	3.21	3.21	3.23	3.30	3.30	3.32	3.33	3.33	3.34	3.38	3.38	3.38	3.38	3.39
Railroad (25 stocks) ....do....	3.36	3.50	3.48	3.48	3.48	3.49	3.60	3.60	3.67	3.67	3.70	3.72	3.72	3.72	3.76	3.76
Bank (15 stocks) ....do....	4.30	4.46	4.45	4.45	4.45	4.45	4.45	4.51	4.51	4.54	4.55	4.55	4.55	4.55	4.55	4.55
Insurance (10 stocks) ....do....	5.31	5.84	5.84	5.84	5.86	5.86	5.86	5.86	5.86	5.86	5.90	5.90	5.90	5.90	5.90	5.90
Price per share, end of mo. (200 stocks)♀ ....do....	177.87	202.32	198.62	198.29	207.81	206.58	214.67	211.74	216.57	222.47	225.21	227.79	229.62	232.35	236.24	240.48
Industrial (125 stocks) ....do....	189.95	218.24	214.45	214.19	225.11	223.69	234.19	228.76	234.99	241.38	246.19	250.46	251.53	255.45	257.62	263.49
Public utility (24 stocks) ....do....	91.50	102.79	102.10	102.44	107.57	105.14	102.53	100.82	102.31	103.69	104.23	103.13	104.00	104.11	105.40	110.76
Railroad (25 stocks) ....do....	63.39	78.49	82.42	78.81	82.73	79.11	78.73	80.68	84.06	84.81	87.99	88.26	88.66	94.99	99.52	100.64

r Revised. [1] End of year. [2] Annual total.
‡Revisions for 1961-62 will be shown later. ♀Includes data not shown separately.
♂Number of bonds represent number currently used; the change in the number does not affect the continuity of series.
¶Prices are derived from average yields on basis of an assumed 3 percent 20-year bond.
⊙For bonds due or callable in 10 years or more.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FINANCE—Continued																
SECURITY MARKETS—Continued																
Stocks—Continued																
Dividend yields and earnings, common stocks (Moody's):																
Yield (200 stocks) ..... percent	3.37	3.17	3.22	3.23	3.08	3.10	3.03	3.21	3.15	3.10	3.07	3.04	3.03	3.00	2.95	2.92
Industrial (125 stocks) ..... do	3.39	3.20	3.25	3.25	3.10	3.12	3.03	3.23	3.15	3.12	3.07	3.02	3.01	2.98	2.95	2.91
Public utility (24 stocks) ..... do	3.25	3.12	3.14	3.13	3.00	3.14	3.22	3.29	3.25	3.21	3.20	3.28	3.25	3.25	3.21	3.06
Railroad (25 stocks) ..... do	5.30	4.46	4.22	4.42	4.21	4.41	4.57	4.46	4.37	4.33	4.21	4.21	4.20	3.92	3.78	3.74
Bank (15 stocks) ..... do	3.31	3.15	3.22	3.12	3.02	3.12	3.08	3.25	3.17	3.13	3.14	3.02	2.99	2.94	2.98	2.95
Insurance (10 stocks) ..... do	2.48	2.51	2.55	2.54	2.48	2.57	2.52	2.61	2.57	2.52	2.48	2.49	2.46	2.45	2.45	2.39
Earnings per share (indust., qtrly. at ann. rate; pub. util. and RR., for 12 mo. ending each qtr.):																
Industrial (125 stocks) ..... dollars	[1] 11.10	[1] 12.43	12.95	.....	.....	11.05	.....	.....	14.45	.....	.....	r 13.85	.....	.....	15.00	.....
Public utility (24 stocks) ..... do	[2] 4.73	[2] 4.99	4.87	.....	.....	4.91	.....	.....	4.99	.....	.....	5.02	.....	.....	5.13	.....
Railroad (25 stocks) ..... do	[2] 5.73	[2] 6.29	5.23	.....	.....	6.37	.....	.....	6.29	.....	.....	6.81	.....	.....	6.95	.....
Dividend yields, preferred stocks, 14 high-grade (Standard & Poor's Corp.) ..... percent	4.50	4.30	4.29	4.34	4.30	4.30	4.26	4.28	4.32	4.31	4.31	4.34	4.37	4.41	4.41	4.37
Prices:																
Dow-Jones averages (65 stocks)	221.07	253.67	257.30	252.72	257.69	262.53	262.16	261.09	266.33	272.31	276.74	282.93	286.09	289.33	290.08	302.02
Industrial (30 stocks)	639.76	714.81	719.14	700.75	714.15	738.52	747.52	743.24	759.94	776.62	793.03	812.18	820.94	823.12	817.63	844.24
Public utility (15 stocks)	121.75	138.36	139.86	138.73	142.83	142.74	138.68	137.59	137.77	140.19	140.09	139.25	139.02	140.86	141.56	147.37
Railroad (20 stocks)	132.61	165.30	171.89	170.62	172.93	172.71	170.41	171.16	176.16	180.93	184.55	191.97	196.15	202.08	206.59	218.78
Standard & Poor's Corporation:♂																
Industrial, public utility, and railroad:																
Combined index (500 stocks) ..... 1941-43=10	62.38	69.87	70.11	69.07	70.98	72.85	73.03	72.62	74.17	76.45	77.39	78.80	79.94	80.72	80.24	83.22
Industrial, total (425 stocks)♀ ..... do	65.54	73.39	73.61	72.45	74.43	76.63	77.09	76.69	78.38	80.85	81.96	83.64	84.92	85.79	85.13	88.19
Capital goods (122 stocks) ..... do	58.15	63.30	64.03	61.82	63.30	64.96	65.57	66.45	68.54	71.89	72.92	75.48	76.52	76.50	75.85	77.76
Consumers' goods (188 stocks) ..... do	54.96	62.28	62.32	61.41	63.45	66.45	67.09	66.44	66.38	67.36	68.11	70.15	70.93	72.67	72.42	75.47
Public utility (50 stocks) ..... do	59.16	64.99	64.87	64.47	66.57	67.09	65.55	64.81	65.64	67.26	67.20	66.78	67.30	67.29	67.46	70.35
Railroad (25 stocks) ..... do	30.56	37.58	39.34	38.75	39.22	39.00	38.31	38.60	39.92	41.00	41.54	42.88	43.27	44.86	46.29	48.93
Banks:																
New York City (10 stocks) ..... do	33.75	36.75	37.01	36.87	37.76	38.33	37.04	36.67	36.29	37.60	37.06	38.49	39.20	39.88	38.91	39.78
Outside New York City (16 stocks) ..... do	66.19	74.81	75.85	75.29	76.82	77.31	76.05	75.24	75.37	77.39	75.90	76.90	77.17	77.66	76.69	76.98
Fire and casualty insurance (22 stocks)† ..... do	57.43	63.38	62.76	62.58	63.61	64.96	63.79	63.00	63.73	65.46	66.19	67.06	67.07	67.62	66.96	68.31
Sales (Securities and Exchange Commission):																
Total on all registered exchanges:																
Market value ..... mil. $	4,561	5,359	5,036	4,533	5,033	6,093	7,049	6,003	6,156	7,649	5,317	6,401	6,982	6,072	5,683	.....
Shares sold ..... millions	139	153	149	132	144	170	184	149	169	200	140	185	210	168	155	.....
On New York Stock Exchange:																
Market value ..... mil. $	3,945	4,574	4,279	3,827	4,215	5,161	5,943	5,082	5,154	6,149	4,280	5,325	5,933	5,196	4,745	.....
Shares sold (cleared or settled) ..... millions	99	113	107	96	102	123	136	111	123	145	102	137	156	125	114	.....
Exclusive of odd-lot and stopped stock sales (N.Y. S.E.; sales effected) ..... millions	80	96	91	76	92	107	122	94	99	117	88	114	124	99	96	103
Shares listed, N.Y. Stock Exchange, end of mo.:																
Market value, all listed shares ..... bil. $	339.29	386.63	383.00	382.21	400.96	396.24	407.24	401.60	411.32	422.51	428.42	436.79	441.72	447.62	455.01	464.54
Number of shares listed ..... millions	7,464	7,906	7,923	7,952	7,972	8,010	8,029	8,042	8,108	8,183	8,214	8,301	8,378	8,480	8,841	8,941
FOREIGN TRADE OF THE UNITED STATES																
FOREIGN TRADE																
Value‡																
Exports (mdse.), incl. reexports, total¶ ..... mil. $	1,806.0	1,934.0	1,865.6	1,818.0	1,903.2	1,823.5	2,079.8	2,104.5	2,155.4	2,117.5	2,091.5	2,179.3	2,206.7	2,256.6	2,099.1	.....
Excl. Dept. of Defense shipments ..... do	1,745.4	1,857.3	1,779.2	1,713.6	1,810.7	1,765.5	2,023.0	2,028.5	2,092.3	2,025.0	1,994.5	2,127.2	2,120.4	2,204.3	2,031.1	.....
Seasonally adjusted ..... do	.....	.....	1,784.7	1,823.0	1,894.6	1,979.6	1,946.4	1,944.6	2,049.4	2,037.3	2,028.7	2,077.5	2,046.0	2,052.1	2,004.3	.....
By geographic regions:△																
Africa ..... do	81.8	82.4	77.2	87.4	78.6	79.1	79.3	92.6	95.6	86.2	95.6	93.2	99.1	115.2	103.9	.....
Asia ..... do	343.7	398.1	347.5	395.2	401.7	381.2	442.4	438.0	489.7	449.4	420.1	406.8	410.4	450.6	372.3	.....
Australia and Oceania ..... do	39.8	43.6	44.3	41.6	42.3	40.7	44.8	55.8	52.7	48.6	47.4	54.0	48.7	59.0	58.8	.....
Europe ..... do	543.5	589.0	553.8	494.7	561.3	544.8	658.8	671.6	678.9	695.1	702.0	738.2	692.3	695.5	622.3	.....
Northern North America ..... do	319.4	343.2	371.0	329.9	328.7	349.1	405.9	359.2	355.4	339.6	341.6	407.2	426.2	425.5	417.3	.....
Southern North America ..... do	130.7	142.2	138.0	136.3	140.2	142.9	154.5	152.6	147.1	149.4	149.7	161.2	167.0	164.6	179.4	.....
South America ..... do	167.7	152.6	146.2	141.8	156.2	131.1	149.9	171.9	170.5	156.2	147.3	161.3	161.7	186.6	179.5	.....
By leading countries:																
Africa:																
United Arab Republic (Egypt Reg.) ..... do	19.6	17.5	19.8	15.1	13.8	16.0	16.2	13.6	17.7	13.4	22.8	21.1	23.5	r 29.6	24.2	.....
Republic of South Africa ..... do	18.6	23.0	21.3	22.6	23.9	24.8	24.5	26.4	29.8	26.1	29.7	30.5	28.2	37.3	33.7	.....
Asia; Australia and Oceania:																
Australia, including New Guinea ..... do	34.2	36.5	38.5	33.5	34.1	32.2	37.7	50.0	45.4	37.6	40.8	47.6	40.6	49.7	49.8	.....
India ..... do	55.8	67.0	58.6	70.7	62.1	60.6	72.8	76.5	98.7	80.2	70.2	67.5	76.1	97.8	55.1	.....
Pakistan ..... do	23.7	32.3	22.0	24.5	37.3	36.9	47.8	25.6	45.5	25.5	21.3	15.7	20.0	30.6	38.4	.....
Malaysia⊙ ..... do	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.2	5.8	6.1	6.0	6.4	6.1	.....
Indonesia ..... do	9.9	8.8	8.6	6.0	4.8	10.9	7.8	12.8	7.9	12.8	6.7	4.0	2.2	3.2	3.2	.....
Philippines ..... do	22.4	26.9	21.6	25.7	26.2	24.1	35.5	29.9	29.3	30.2	29.9	29.3	31.3	32.6	30.4	.....
Japan ..... do	117.9	141.5	113.7	136.8	144.7	139.4	152.7	173.9	168.8	184.6	166.0	174.6	153.4	145.4	128.3	.....
Europe:																
France ..... do	48.9	56.5	59.0	38.3	52.7	51.1	63.5	64.1	64.7	84.2	66.0	71.4	65.9	71.3	61.5	.....
East Germany ..... do	.1	.5	(3)	.2	(3)	(3)	.1	1.9	2.3	3.2	3.5	1.8	.5	4.6	1.1	.....
West Germany ..... do	90.0	92.0	88.1	75.8	90.9	88.4	98.2	103.9	103.0	97.6	97.8	112.3	116.6	111.7	96.3	.....
Italy ..... do	64.1	73.4	82.3	70.9	80.5	68.6	72.9	74.4	80.9	70.8	75.2	73.9	74.5	61.0	54.5	.....
Union of Soviet Socialist Republics ..... do	1.3	1.7	1.8	2.8	2.2	.6	3.6	1.6	1.7	8.3	29.3	55.3	22.2	13.8	1.8	.....
United Kingdom ..... do	89.6	96.8	71.4	80.4	87.1	104.3	130.7	125.6	114.5	122.9	123.9	121.7	107.4	111.2	107.9	.....

r Revised. p Preliminary. [1] Quarterly average at annual rate. [2] For 12 months ending Dec. [3] Less than $50,000.

♂Number of stocks represents number currently used; the change in number does not affect continuity of the series. ♀Includes data not shown separately.

†Revised series; former series covered fire insurance only.

‡Revisions for various periods prior to Feb. 1963 will be shown later. ¶Includes grant-aid shipments under the Dept. of Defense Military Assistance Program, as well as economic aid shipments under other programs. △Excludes "special category" shipments.

⊙Country designation established Jan. 1964.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

FOREIGN TRADE OF THE UNITED STATES—Continued

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FOREIGN TRADE—Continued																
Value—Continued‡																
Exports (mdse.), incl. reexports—Continued																
By leading countries—Continued																
North and South America:																
Canada ..... mil. $	319.4	343.2	371.0	329.8	328.7	349.1	405.9	359.1	355.4	339.6	341.6	407.1	426.2	425.5	417.3	--------
Latin American Republics, total♀ ..... do	270.3	262.8	255.4	249.6	263.9	241.1	267.9	286.2	278.5	269.8	261.7	285.3	292.8	314.4	325.1	--------
Argentina ..... do	31.6	15.7	15.1	15.6	14.4	10.3	15.2	17.2	18.8	15.1	19.5	17.3	16.7	19.2	18.8	--------
Brazil ..... do	35.4	31.4	28.0	27.7	29.0	20.5	21.7	30.9	29.3	32.4	23.1	26.5	31.3	31.6	32.5	--------
Chile ..... do	14.2	13.5	15.4	14.2	14.5	12.6	13.0	15.1	14.4	13.1	12.2	13.0	12.6	16.7	14.2	--------
Colombia ..... do	18.9	20.0	19.5	21.0	22.6	18.4	22.6	21.7	24.6	20.4	19.8	20.6	17.1	24.5	21.1	--------
Cuba ..... do	1.1	3.0	(1)	3.7	(1)	(1)	(1)	0	(1)	(1)	(1)	(1)	(1)	(1)	0	--------
Mexico ..... do	67.1	68.9	70.6	66.4	65.1	70.7	78.1	75.3	69.4	72.5	76.6	78.2	91.0	81.8	103.3	--------
Venezuela ..... do	39.2	42.3	39.6	34.9	44.1	41.2	46.5	48.3	49.7	43.6	40.5	48.7	47.1	57.4	55.8	--------
Exports of U.S. merchandise, total ..... do	1,783.6	1,910.1	1,840.8	1,797.1	1,879.2	1,801.8	2,055.6	2,079.1	2,131.6	2,090.6	2,063.0	2,151.3	2,170.3	2,225.5	2,067.5	--------
By economic classes:																
Crude materials ..... do	186.2	214.7	199.1	182.6	212.2	222.9	272.7	281.6	284.9	247.4	237.9	215.5	207.6	219.1	217.9	--------
Crude foodstuffs ..... do	167.5	189.4	175.6	181.0	158.8	166.7	221.4	227.6	232.6	227.4	209.7	228.3	232.5	233.1	182.1	--------
Manufactured foodstuffs and beverages ..... do	113.8	124.8	103.9	113.2	124.0	122.2	132.6	135.1	131.9	127.7	137.3	135.8	134.9	144.8	125.9	--------
Semimanufactures♂ ..... do	253.4	273.6	259.5	272.3	300.2	270.0	296.5	285.0	297.1	300.7	289.5	326.4	323.4	333.3	330.9	--------
Finished manufactures♂ ..... do	1,062.7	1,107.6	1,102.7	1,048.0	1,084.1	1,020.1	1,132.3	1,149.9	1,185.1	1,187.4	1,188.5	1,245.3	1,271.8	1,295.2	1,210.6	--------
By principal commodities:																
Agricultural products, total♀ ..... do	419.5	465.4	412.9	410.6	408.7	433.7	552.6	574.5	588.1	542.2	525.3	530.8	521.1	528.9	459.1	--------
Animal and vegetable oils and fats* ..... do	26.1	26.6	23.4	26.0	26.4	32.1	28.9	20.7	25.4	26.6	27.8	33.1	20.9	36.1	32.9	--------
Cotton, unmanufactured ..... do	44.8	48.9	34.5	25.9	36.7	41.9	50.9	67.8	86.1	79.0	74.9	64.4	51.7	49.5	50.7	--------
Fruits, vegetables, and preparations ..... do	35.8	37.2	39.0	37.6	33.9	37.0	50.0	40.0	37.4	32.2	33.7	33.3	28.4	34.5	37.8	--------
Grains and preparations† ..... do	171.4	191.7	172.2	179.7	156.3	162.3	211.2	220.9	247.7	234.1	226.3	238.2	245.0	238.4	180.3	--------
Meat and meat preparations* ..... do	11.8	12.3	11.4	10.6	11.7	13.0	16.4	17.3	13.8	16.8	16.0	14.5	12.6	16.7	14.9	--------
Tobacco and manufactures△ ..... do	40.9	43.6	39.5	35.0	44.7	64.2	73.0	60.1	55.4	38.0	37.0	30.0	30.5	33.5	41.2	--------
Nonagricultural products, total♀ ..... do	1,364.1	1,444.7	1,427.9	1,386.6	1,470.5	1,368.1	1,503.1	1,504.6	1,543.5	1,548.3	1,537.6	1,620.5	1,649.1	1,696.6	1,608.3	--------
Automobiles, parts, and accessories ..... do	115.2	125.5	119.1	107.1	112.7	115.3	146.1	165.3	159.7	148.2	151.6	149.0	148.7	156.5	144.6	--------
Chemicals and related products§ ..... do	149.3	[2] 161.9	158.3	163.1	176.3	162.1	175.0	169.9	165.4	171.1	172.3	191.9	149.4	187.4	183.5	--------
Coal and related fuels ..... do	32.0	40.2	42.0	37.0	53.8	53.3	50.5	46.0	37.8	33.9	31.6	30.5	34.3	44.9	45.6	--------
Iron and steel prod. (excl. adv. mfs.) ..... do	50.9	57.4	56.0	61.6	62.6	56.5	64.0	60.6	64.8	63.1	61.8	67.2	68.7	84.7	83.4	--------
Machinery, total§♀ ..... do	435.1	453.4	461.8	431.0	446.0	411.1	462.7	477.1	491.7	486.8	510.4	542.7	521.5	575.2	512.8	--------
Agricultural ..... do	13.2	15.2	19.2	18.4	16.6	10.6	11.7	11.4	12.7	15.8	20.1	23.9	23.8	22.6	19.7	--------
Tractors, parts, and accessories ..... do	30.3	35.2	38.5	33.0	36.5	31.2	41.1	36.9	39.6	39.2	36.5	45.5	49.8	53.7	50.2	--------
Electrical ..... do	105.9	113.4	111.9	104.2	111.7	108.9	114.0	124.2	122.5	125.6	132.7	123.0	122.6	133.2	119.9	--------
Metalworking§ ..... do	44.5	37.0	34.7	31.2	29.0	34.6	38.1	37.5	42.2	39.1	42.1	44.4	39.8	46.4	39.7	--------
Other industrial ..... do	208.1	216.5	224.0	211.2	212.9	192.4	218.0	228.4	236.8	226.2	238.4	264.2	246.1	274.8	240.3	--------
Petroleum and products ..... do	36.8	41.0	37.1	42.6	41.5	41.0	41.1	39.4	41.9	37.7	35.1	38.4	41.8	35.8	39.4	--------
Textiles and manufactures ..... do	57.3	57.8	57.6	53.3	57.8	55.2	65.0	63.2	62.8	59.6	61.5	70.9	68.2	71.0	68.2	--------
General imports, total⊙ ..... do	1,365.8	1,428.5	1,356.5	1,502.6	1,458.3	1,398.5	1,591.3	1,425.1	1,529.9	1,446.7	1,337.7	1,592.3	1,562.3	1,457.9	1,595.5	--------
Seasonally adjusted⊙ ..... do	--------	--------	1,420.5	1,457.5	1,508.3	1,450.4	1,458.8	1,465.3	1,477.7	1,421.8	1,445.3	1,522.9	1,542.1	1,548.1	1,505.5	--------
By geographic regions:⊙																
Africa ..... do	62.8	64.8	54.8	61.4	67.6	58.4	74.0	59.5	71.0	67.6	71.4	89.8	86.9	83.7	67.5	--------
Asia ..... do	246.7	266.1	252.9	283.3	306.4	267.6	297.8	265.2	252.1	283.0	263.7	282.9	276.5	278.3	317.2	--------
Australia and Oceania ..... do	36.6	41.8	37.1	53.2	48.6	52.9	48.1	31.6	43.2	35.7	30.5	38.3	33.4	36.1	45.6	--------
Europe ..... do	385.0	400.8	362.3	441.8	370.9	378.7	466.1	445.1	427.6	400.9	394.6	456.1	449.3	411.5	446.7	--------
Northern North America ..... do	305.2	319.4	342.7	339.2	334.6	301.4	354.2	312.0	351.1	307.4	301.9	337.4	341.4	r 337.4	381.6	--------
Southern North America ..... do	123.1	127.4	132.2	128.9	109.1	102.4	115.7	114.2	140.9	150.4	142.2	152.0	162.2	r 143.4	137.0	--------
South America ..... do	204.2	207.7	174.2	194.7	220.9	236.6	235.1	197.5	243.0	199.8	192.7	234.9	211.3	166.6	198.8	--------
By leading countries:⊙																
Africa:																
United Arab Republic (Egypt Reg.) ..... do	2.1	1.7	3.9	1.2	.5	1.1	5.0	.5	1.1	1.0	1.0	3.8	2.0	2.5	1.0	--------
Republic of South Africa ..... do	21.4	21.6	16.8	23.3	31.4	17.8	18.9	17.4	25.8	24.1	20.3	21.1	21.3	19.9	19.3	--------
Asia; Australia and Oceania:																
Australia, including New Guinea ..... do	24.4	26.6	24.1	28.0	30.9	34.2	36.8	20.7	29.0	27.7	19.2	24.8	18.5	r 16.1	32.2	--------
India ..... do	21.3	24.5	23.3	26.7	25.6	21.7	25.8	22.9	21.0	22.3	18.0	24.0	28.1	25.7	28.4	--------
Pakistan ..... do	3.5	3.8	3.6	2.9	3.3	3.2	4.0	3.7	3.7	4.3	2.6	3.2	3.9	3.5	3.7	--------
Malaysia⊕ ..... do	--------	--------	--------	--------	--------	--------	--------	--------	--------	14.3	9.9	14.8	10.6	12.2	10.9	--------
Indonesia ..... do	11.2	9.4	9.7	8.5	10.5	8.4	9.8	9.7	8.0	13.4	10.0	15.0	11.7	15.2	15.8	--------
Philippines ..... do	26.9	29.7	35.0	35.8	44.9	32.5	36.9	18.0	29.9	32.2	15.1	34.9	19.8	34.6	31.3	--------
Japan ..... do	113.2	124.8	109.7	143.3	145.6	124.9	139.8	134.7	118.0	130.6	100.6	133.3	143.5	121.7	155.1	--------
Europe:																
France ..... do	35.7	35.8	36.2	44.6	35.8	31.5	45.5	42.0	37.1	35.9	35.0	39.5	43.9	41.5	42.8	--------
East Germany ..... do	.3	.3	.2	.3	.2	.2	.3	.2	.1	.3	.8	.7	.5	.4	.6	--------
West Germany ..... do	80.1	83.6	75.1	92.3	75.1	81.1	92.1	94.9	92.2	92.0	78.7	106.1	97.9	87.8	99.7	--------
Italy ..... do	37.7	41.1	38.2	47.0	46.1	34.7	50.2	46.4	43.5	36.3	33.7	40.3	41.2	35.2	45.1	--------
Union of Soviet Socialist Republics ..... do	1.3	1.7	1.2	1.5	1.8	4.5	1.8	1.2	.9	1.2	2.0	1.0	.9	1.3	2.4	--------
United Kingdom ..... do	83.8	89.9	83.2	100.9	89.8	83.8	106.0	100.6	91.6	83.5	85.3	90.8	94.0	91.1	100.7	--------
North and South America:																
Canada ..... do	305.0	319.1	342.2	338.6	334.3	300.9	354.0	311.7	350.9	307.2	301.8	337.3	341.3	337.2	381.3	--------
Latin American Republics, total♀ ..... do	282.2	287.6	258.4	272.2	286.5	293.6	301.3	269.3	332.9	294.7	284.5	338.7	314.9	260.4	280.7	--------
Argentina ..... do	8.9	13.7	8.8	14.5	16.2	17.2	17.6	11.0	20.9	11.6	9.7	10.8	10.4	9.4	12.3	--------
Brazil ..... do	45.1	46.8	36.3	43.1	42.6	56.4	53.7	62.9	67.5	43.6	38.0	60.7	53.8	23.6	32.5	--------
Chile ..... do	15.9	15.7	18.4	14.5	19.8	15.9	14.6	11.3	14.0	16.6	7.4	20.9	17.3	19.3	17.6	--------
Colombia ..... do	22.9	20.7	12.7	20.7	28.8	34.9	31.6	17.5	14.4	14.2	22.2	23.2	24.5	17.3	21.1	--------
Cuba ..... do	.6	(1)	(1)	(1)	(1)	(1)	0	(1)	(1)	(1)	(1)	(1)	0	0	(1)	--------
Mexico ..... do	48.2	49.5	46.5	39.5	39.4	37.3	46.4	46.6	55.6	63.6	59.1	67.2	71.4	55.9	50.6	--------
Venezuela ..... do	81.3	78.1	75.3	76.2	82.2	67.2	73.4	63.1	88.1	85.3	89.3	87.2	75.7	66.2	81.8	--------

r Revised. p Preliminary. [1] Less than $50,000. [2] Beginning Jan. 1963, excludes exports of certain fertilizer materials, coal-tar and synthetic resinous products, chemical specialties, etc.; in 1962, such exports totaled $52.6 mil.

‡See similar note on p. S-21; for exports, see also note "¶" on p. S-21.

♀Includes data not shown separately.

♂Data for semimanufactures reported as "special category, type 1" are included with finished manufactures. *New series. Data prior to Sept. 1962 may be obtained from Bu. of Census reports.

†Revised to include SITC items classified as "cereals and preparations"; not comparable with data published in the 1963 BUSINESS STATISTICS and in SURVEY issues prior to Nov. 1963.

△Manufactures of tobacco are included in the nonagricultural products total.

§Excludes "special category, type 1" exports.

⊙For certain recent months, the data by regions and countries exclude imports unidentified by area of origin. ⊕Country designation established Jan. 1964.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

FOREIGN TRADE OF THE UNITED STATES—Continued

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FOREIGN TRADE—Continued																
Value—Continued‡																
Imports for consumption, total ..... mil. $	1,354.3	1,417.8	1,327.8	1,505.3	1,479.1	1,375.1	1,578.3	1,427.8	1,511.6	1,464.9	1,322.3	1,567.3	1,555.3	1,433.8	1,576.8	-------
By economic classes:																
Crude materials ..... do	278.2	274.0	266.3	281.0	314.3	260.2	273.3	238.0	284.5	274.3	246.8	274.1	267.8	270.4	291.5	-------
Crude foodstuffs ..... do	148.0	143.8	105.0	128.9	126.6	140.2	168.7	153.3	158.7	160.8	161.5	202.4	199.2	147.4	140.4	-------
Manufactured foodstuffs and beverages ..... do	149.3	166.5	174.0	184.4	177.3	183.1	198.2	163.0	197.4	133.5	105.5	150.7	142.6	149.2	163.0	-------
Semimanufactures ..... do	282.4	300.4	293.2	317.5	313.6	285.7	326.4	300.4	315.0	343.0	314.1	339.0	343.1	311.1	340.1	-------
Finished manufactures ..... do	496.3	533.2	489.3	593.5	547.2	505.8	611.8	573.0	556.0	553.4	494.5	601.1	602.7	555.7	641.8	-------
By principal commodities:																
Agricultural products, total ♀ ..... do	322.3	334.8	295.6	333.6	345.2	345.4	377.5	319.8	369.4	332.7	295.4	383.1	362.7	329.9	316.1	-------
Cocoa (cacao) beans, incl. shells ..... do	11.0	11.3	12.1	7.5	8.4	9.7	9.4	7.2	11.1	14.4	12.5	15.2	8.2	8.1	10.3	-------
Coffee ..... do	82.4	79.7	51.5	78.4	76.7	89.3	100.9	88.8	90.1	87.4	94.0	125.7	131.8	84.5	73.2	-------
Rubber, crude (incl. latex and guayule) ..... do	19.0	16.4	12.8	13.3	16.5	13.5	15.0	13.6	14.0	19.4	13.2	19.4	13.3	20.2	13.9	-------
Sugar (cane or beet) ..... do	42.0	50.9	73.0	64.3	62.5	59.7	53.4	31.8	68.8	26.3	16.5	37.2	32.1	47.8	38.9	-------
Wool and mohair, unmanufactured ..... do	17.4	18.8	15.7	22.1	17.2	12.7	16.7	11.9	22.9	19.7	20.6	17.4	18.3	r 17.6	14.1	-------
Nonagricultural products, total ♀ ..... do	1,031.9	1,083.1	1,032.3	1,171.7	1,133.8	1,029.6	1,200.8	1,108.0	1,142.2	1,132.2	1,026.8	1,184.2	1,192.7	1,103.9	1,260.7	-------
Furs and manufactures ..... do	9.7	[1] 10.9	9.5	7.0	5.7	[1] 10.1	7.9	6.1	26.3	r [1] 16.1	r 13.6	c 15.8	12.0	9.1	8.1	-------
Iron and steel prod. (excl. adv. mfs.) ..... do	47.3	59.4	63.7	75.3	71.0	59.1	70.4	65.3	54.0	60.7	54.1	59.7	62.5	68.6	77.5	-------
Nonferrous ores, metals, etc.:																
Bauxite, crude* ..... do	10.1	9.5	9.4	10.5	11.7	9.8	8.8	8.2	9.4	9.6	11.2	9.5	12.2	8.8	10.0	-------
Aluminum semimfs. (incl. calcined bauxite)* ..... mil. $	14.7	16.9	21.6	24.0	18.7	17.8	17.0	17.9	17.7	17.1	14.8	17.6	17.6	17.8	18.9	-------
Copper, crude and semimfs.* ..... do	20.8	[1] 21.6	23.8	20.2	28.3	[1] 26.1	26.1	23.3	25.1	26.1	29.5	29.8	26.1	23.7	26.6	-------
Tin, including ore ..... do	9.7	9.1	10.7	8.5	11.1	6.4	9.2	8.7	8.2	9.8	7.3	10.7	7.8	7.6	7.9	-------
Paper base stocks ..... do	30.0	30.1	32.1	30.5	31.9	28.7	34.6	31.1	32.0	31.7	31.1	35.4	31.9	30.4	35.0	-------
Newsprint ..... do	58.0	57.3	57.1	62.5	57.7	57.9	66.5	58.1	68.0	56.8	52.4	58.7	61.2	59.6	65.2	-------
Petroleum and products ..... do	147.1	[1] 149.1	129.7	146.4	146.5	[1] 132.3	149.0	135.9	164.9	r [1] 193.3	r 154.3	r 159.5	r 156.7	c 137.1	144.0	-------
Indexes																
Exports of U.S. merchandise:																
Quantity ..... 1957-59=100	112	p 120	116	113	119	114	130	131	135	p 131	p 130	p 134	p 137	p 140	-------	-------
Value ..... do	115	p 123	119	116	121	116	132	134	137	p 135	p 133	p 139	p 140	p 143	-------	-------
Unit value ..... do	102	p 102	102	102	102	101	102	102	101	p 103	p 103	p 103	p 102	p 102	-------	-------
Imports for consumption:																
Quantity ..... do	123	p 127	119	135	132	123	141	127	132	p 128	p 116	p 136	p 134	p 125	-------	-------
Value ..... do	117	p 122	114	130	127	118	136	122	130	p 127	p 114	p 135	p 134	p 123	-------	-------
Unit value ..... do	95	p 96	96	96	97	96	96	96	98	p 98	p 98	p 99	p 100	p 98	-------	-------
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):§																
Shipping weight ..... thous. sh. tons	11,215	13,010	13,061	13,573	14,846	14,368	15,070	14,796	13,887	-------	-------	-------	-------	-------	-------	-------
Value ..... mil. $	1,165.6	1,232.7	1,170.6	1,164.7	1,219.2	1,164.3	1,375.6	1,408.6	1,450.0	-------	-------	-------	-------	-------	-------	-------
General imports:																
Shipping weight ..... thous. sh. tons	17,552	17,706	18,778	19,493	19,996	18,394	19,076	17,066	17,569	-------	-------	-------	-------	-------	-------	-------
Value ..... mil. $	983.6	1,033.2	982.6	1,116.0	1,089.0	1,049.0	1,163.9	1,032.0	1,077.2	-------	-------	-------	-------	-------	-------	-------
Airborne trade:																
Exports (incl. reexports):¶																
Shipping weight ..... thous. sh. tons	9.1	10.4	9.4	9.6	9.9	10.2	11.5	10.9	11.3	11.9	11.9	12.9	12.9	-------	-------	-------
Value ..... mil. $	124.3	136.5	127.0	119.8	120.3	126.3	140.4	131.5	141.9	150.3	157.2	150.9	153.5	-------	-------	-------
General imports:																
Shipping weight ..... thous. sh. tons	4.1	4.7	4.0	4.5	4.3	4.3	5.4	5.3	5.3	4.3	4.0	4.7	4.6	-------	-------	-------
Value ..... mil. $	59.7	67.9	58.0	66.5	57.4	67.9	81.3	82.8	89.0	70.4	70.7	79.4	76.0	-------	-------	-------

TRANSPORTATION AND COMMUNICATIONS

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TRANSPORTATION																
Air Carriers																
Scheduled domestic trunk carriers:																
Financial operations (qtrly. avg. or total):																
Operating revenues, total ♀ ..... mil. $	570.7	621.9	632.1	-------	-------	653.3	-------	-------	[4 5] 634.4	-------	-------	[4 5] 646.8	-------	-------	-------	-------
Transport, total ♀ ..... do	566.0	617.1	627.9	-------	-------	648.7	-------	-------	[4] 628.3	-------	-------	640.8	-------	-------	-------	-------
Passenger ..... do	509.8	557.0	569.0	-------	-------	587.3	-------	-------	[4] 561.9	-------	-------	579.4	-------	-------	-------	-------
Property ..... do	37.1	40.3	39.1	-------	-------	41.0	-------	-------	[4] 44.0	-------	-------	42.0	-------	-------	-------	-------
U.S. mail ..... do	14.4	15.0	14.7	-------	-------	14.2	-------	-------	[4] 16.7	-------	-------	15.5	-------	-------	-------	-------
Operating expenses (incl. depreciation) ..... do	551.4	585.5	577.6	-------	-------	592.8	-------	-------	[4 5] 596.0	-------	-------	[4 5] 613.7	-------	-------	-------	-------
Net income (after taxes) ..... do	1.9	8.4	20.2	-------	-------	27.6	-------	-------	[4 5] 1.1	-------	-------	[4 5] 11.0	-------	-------	-------	-------
Operating results:																
Miles flown (revenue) ..... thous.	59,409	63,828	64,620	66,502	67,333	64,335	66,676	62,455	65,758	66,274	[4] 62,863	[4] 67,481	[4] 65,407	[4] 68,022	-------	-------
Express and freight ton-miles flown ..... do	45,296	49,195	47,334	46,151	51,894	52,766	57,797	51,397	55,581	50,710	[4] 50,212	[4] 54,522	[4] 56,472	[4] 59,014	-------	-------
Mail ton-miles flown ..... do	13,575	14,167	13,164	13,002	13,617	13,043	15,033	13,376	19,401	14,547	[4] 14,051	[4] 15,488	[4] 15,091	[4] 14,823	-------	-------
Passengers originated (revenue) ..... do	3,990	4,548	4,966	4,648	5,151	4,639	4,917	4,446	4,732	4,801	[4] 4,458	[4] 5,008	[4] 5,003	[4] 5,030	-------	-------
Passenger-miles flown (revenue) ..... mil.	2,667	3,048	3,431	3,251	3,588	3,119	3,165	2,861	3,221	3,245	[4] 2,949	[4] 3,316	[4] 3,287	[4] 3,322	-------	-------
Express Operations																
Transportation revenues ..... mil. $	[2] 95.9	[2] 95.9	93.5	-------	-------	96.3	-------	-------	105.4	-------	-------	96.8	-------	-------	-------	-------
Express privilege payments ..... do	[2] 29.2	[2] 28.6	27.8	-------	-------	29.9	-------	-------	31.3	-------	-------	27.1	-------	-------	-------	-------
Local Transit Lines																
Fares, average cash rate ..... cents	20.1	20.5	20.4	20.5	20.5	20.5	20.6	20.7	20.7	20.8	20.8	20.8	21.0	21.2	21.2	-------
Passengers carried (revenue) ..... mil.	594	576	550	533	534	560	630	563	590	581	552	585	600	596	564	-------
Operating revenues (qtrly. avg. or total) ..... mil. $	350.8	346.5	357.0	-------	-------	330.3	-------	-------	366.8	-------	-------	-------	-------	-------	-------	-------
Motor Carriers (Intercity)																
Carriers of property, class I (qtrly. avg. or total):																
Number of reporting carriers	[3] 954	-------	[6] 1,017	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Operating revenues, total ..... mil. $	1,343	-------	[6] 1,326	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Expenses, total ..... do	1,286	-------	[6] 1,304	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Freight carried (revenue) ..... mil. tons	87	-------	[6] 80	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

r Revised. p Preliminary. c Corrected. d Deficit.

[1] Effective Sept. 1963, data reflect adoption of U.S. Tariff Schedules and are not entirely comparable with earlier figures also, beginning Jan. 1964, data for furs and mfs. and petroleum and products reflect further changes in USTS. [2] Quarterly average. [3] Number of carriers filing complete reports for 1962. [4] Reflects substitution of data for one or two intra-Alaskan carriers. [5] Revisions for 4th qtr. 1962 and 1st qtr. 1963, respectively (mil. $): Operating revenues—559.7; 568.0; expenses—551.9; 572.1; net income—d 1.3; d 15.3. [6] For 1st qtr. 1963.

‡See similar note on p. S-21. ♀ Includes data not shown separately. *New series. Data prior to Dec. 1962 may be obtained from Bu. of Census reports. §Excludes "special category" shipments and all commodities exported under foreign-aid programs as Department of Defense controlled cargo. ¶See similar note on p. S-21.

TRANSPORTATION AND COMMUNICATIONS—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TRANSPORTATION—Continued																
Motor Carriers (Intercity)—Continued																
Freight carried, qtrly. index of volume, class I and II (ATA)....average same period, 1957-59=100..	[1] 120.3	[1] 126.3	125.4	.....	.....	124.0	.....	.....	127.8	.....	.....	128.6	.....	.....	.....	.....
Carriers of passengers, class I (qtrly. avg. or total):																
Number of reporting carriers	[2] 140	.....	140	.....	.....	138	.....	.....	138	.....	.....	.....	.....	.....	.....	.....
Operating revenues, total....mil. $..	131.2	.....	136.9	.....	.....	165.7	.....	.....	130.7	.....	.....	.....	.....	.....	.....	.....
Expenses, total....do....	111.8	.....	117.3	.....	.....	128.8	.....	.....	114.0	.....	.....	.....	.....	.....	.....	.....
Passengers carried (revenue)....mil..	56.8	.....	57.1	.....	.....	62.9	.....	.....	55.3	.....	.....	.....	.....	.....	.....	.....
Class I Railroads																
Freight carloadings (AAR):																
Total cars....thous..	2,394	2,406	2,424	2,137	[3] 2,872	2,307	2,518	[3] 2,859	1,972	2,045	[3] 2,645	2,105	2,202	[3] 2,913	2,403	2,114
Coal....do....	439	461	467	300	[3] 582	464	474	[3] 561	417	415	[3] 512	393	407	[3] 542	476	293
Coke....do....	30	32	34	30	[3] 34	28	27	[3] 35	29	31	[3] 41	34	35	[3] 45	38	35
Forest products....do....	158	156	148	135	[3] 189	147	155	[3] 183	130	136	[3] 196	154	151	[3] 190	154	147
Grain and grain products....do....	231	234	221	r 228	[3] 270	200	258	[3] 303	197	227	[3] 267	186	177	[3] 208	205	197
Livestock....do....	17	14	8	8	[3] 13	15	25	[3] 25	10	10	[3] 10	10	10	[3] 12	7	8
Ore....do....	144	147	211	212	[3] 260	205	183	[3] 157	55	50	[3] 75	66	114	[3] 271	224	223
Merchandise, l.c.l....do....	97	72	68	63	[3] 81	64	65	[3] 73	53	51	[3] 70	54	53	[3] 65	50	48
Miscellaneous....do....	1,277	1,289	1,267	1,161	[3] 1,444	1,185	1,331	[3] 1,523	1,081	1,125	[3] 1,473	1,207	1,254	[3] 1,581	1,248	1,163
Freight carloadings, seas. adj. indexes (Fed. R.):†																
Total....1957-59=100..	[4] 92	[4] 93	95	94	91	91	93	92	94	97	97	94	95	96	94	95
Coal....do....	90	95	100	100	99	97	94	94	90	91	89	90	93	100	r 100	100
Coke....do....	81	88	107	104	90	84	75	78	84	89	90	92	100	111	118	128
Forest products....do....	97	96	93	94	93	95	98	96	97	99	106	103	99	100	98	102
Grain and grain products....do....	101	102	99	86	97	101	112	105	109	111	104	93	92	89	91	75
Livestock....do....	67	52	49	51	51	43	48	56	50	50	51	50	42	42	46	50
Ore....do....	83	84	81	83	81	87	81	104	91	89	93	88	123	104	85	87
Merchandise, l.c.l....do....	49	36	36	36	34	34	33	31	33	31	31	28	28	29	27	28
Miscellaneous....do....	94	95	97	97	91	92	93	92	96	101	100	98	97	99	96	98
Financial operations (qtrly. avg. or total):																
Operating revenues, total ♀....mil. $..	2,360.1	2,389.9	2,473.7	.....	.....	2,398.0	.....	.....	2,446.6	.....	.....	2,362.4	.....	.....	.....	.....
Freight....do....	1,997.8	2,036.5	2,118.9	.....	.....	2,035.0	.....	.....	2,084.2	.....	.....	2,033.8	.....	.....	.....	.....
Passenger....do....	154.8	147.0	150.9	.....	.....	157.1	.....	.....	138.6	.....	.....	134.7	.....	.....	.....	.....
Operating expenses....do....	1,854.3	1,862.9	1,883.2	.....	.....	1,874.1	.....	.....	1,893.5	.....	.....	1,852.3	.....	.....	.....	.....
Tax accruals and rents....do....	324.1	325.6	356.1	.....	.....	326.8	.....	.....	304.4	.....	.....	327.6	.....	.....	.....	.....
Net railway operating income....do....	181.6	201.4	234.4	.....	.....	197.1	.....	.....	248.7	.....	.....	182.5	.....	.....	.....	.....
Net income (after taxes)....do....	143.0	162.9	188.8	.....	.....	156.1	.....	.....	225.1	.....	.....	144.2	.....	.....	.....	.....
Operating results:																
Freight carried 1 mile (qtrly.)....bil. ton-miles..	[5] 151.6	[5] 158.9	165.2	.....	.....	158.2	.....	.....	163.4	.....	.....	.....	.....	.....	.....	.....
Revenue per ton-mile (qtrly. avg.)....cents..	[5] 1.349	[5] 1.310	1.310	.....	.....	1.312	.....	.....	1.300	.....	.....	.....	.....	.....	.....	.....
Passengers carried 1 mile, revenue (qtrly.)..mil..	[5] 4,976	[5] 4,624	4,695	.....	.....	5,225	.....	.....	4,315	.....	.....	.....	.....	.....	.....	.....
Waterway Traffic																
Clearances, vessels in foreign trade:																
Total U.S. ports....thous. net tons..	14,913	15,628	16,003	17,087	17,485	16,341	16,531	16,686	15,454	15,204	14,503	14,960	.....	.....	.....	.....
Foreign vessels....do....	12,066	12,786	13,166	13,875	14,331	13,486	13,433	13,618	12,573	12,540	12,054	12,319	.....	.....	.....	.....
United States vessels....do....	2,847	2,842	2,837	3,212	3,154	2,855	3,098	3,068	2,881	2,664	2,449	2,641	.....	.....	.....	.....
Panama Canal:																
Total....thous. lg. tons..	5,490	5,454	5,460	5,924	5,641	5,702	5,925	5,399	5,691	5,832	6,187	6,269	5,912	6,166	5,902	.....
In United States vessels....do....	855	780	821	862	837	1,000	968	722	708	613	906	965	866	1,022	1,100	.....
Travel																
Hotels:																
Average sale per occupied room....dollars..	9.35	9.37	9.64	8.75	9.60	9.56	10.24	9.82	8.90	9.09	9.26	8.87	9.86	9.18	9.83	.....
Rooms occupied....% of total..	61	60	62	54	59	63	68	58	47	57	60	59	67	62	64	.....
Restaurant sales index....same mo. 1951=100..	112	109	110	107	104	107	109	101	107	105	109	108	116	119	113	.....
Foreign travel:																
U.S. citizens: Arrivals....thous..	195	218	230	295	391	271	219	174	158	173	179	218	211	226	.....	.....
Departures....do....	191	216	341	333	283	207	186	146	161	172	193	206	214	.....	.....	.....
Aliens: Arrivals....do....	125	130	136	155	169	173	144	118	112	112	102	123	148	161	.....	.....
Departures....do....	103	110	126	131	140	134	123	103	116	87	88	101	104	.....	.....	.....
Passports issued and renewed....do....	76	88	128	100	78	65	56	40	47	71	81	121	147	135	147	112
National parks, visits....do....	2,737	2,779	5,082	7,504	7,705	3,278	2,331	1,104	661	686	790	1,000	1,276	2,267	5,006	.....
Pullman Co. (qtrly. avg. or total):																
Passenger-miles (revenue)....mil..	726	629	611	.....	.....	598	.....	.....	600	.....	.....	608	.....	.....	.....	.....
Passenger revenues....thous. $..	12,076	10,477	10,397	.....	.....	10,065	.....	.....	9,288	.....	.....	10,457	.....	.....	.....	.....
COMMUNICATIONS																
Telephone carriers:																
Operating revenues ♀....mil. $..	792.6	845.6	836.3	849.5	861.4	844.2	879.0	856.8	881.8	881.1	862.2	892.1	898.8	903.1	.....	.....
Station revenues....do....	440.0	465.4	463.8	463.1	465.6	468.0	477.3	475.2	480.0	481.7	480.6	485.5	489.4	490.0	.....	.....
Tolls, message....do....	270.4	289.7	280.5	295.1	304.4	283.2	309.1	286.3	308.7	305.3	286.0	311.2	313.0	315.7	.....	.....
Operating expenses (before taxes)....do....	468.2	495.7	478.2	486.8	495.1	489.8	523.4	500.5	539.8	520.2	501.7	530.9	532.3	525.0	.....	.....
Net operating income....do....	139.6	152.3	155.5	164.2	158.1	158.2	156.1	155.4	150.1	154.9	163.4	156.0	165.9	167.4	.....	.....
Phones in service, end of year or mo....mil..	70.8	73.7	72.1	72.3	72.5	72.9	73.2	73.4	73.7	74.0	74.2	74.5	74.9	75.1	.....	.....
Telegraph, cable, and radiotelegraph carriers:																
Wire-telegraph:																
Operating revenues....thous. $..	22,010	23,902	23,516	23,834	24,964	24,378	25,452	23,676	25,550	24,449	23,283	25,181	24,876	24,708	.....	.....
Operating expenses, incl. depreciation....do....	20,197	21,094	20,795	21,264	21,275	20,700	21,527	20,603	21,324	22,213	21,020	21,715	21,812	22,181	.....	.....
Net operating revenues....do....	582	1,680	1,543	1,348	2,590	2,597	2,983	2,368	3,663	834	872	2,075	1,697	1,085	.....	.....
Ocean-cable:																
Operating revenues....do....	3,013	3,065	3,009	3,201	3,064	2,949	3,424	2,859	2,950	3,138	2,814	3,106	3,012	3,030	.....	.....
Operating expenses, incl. depreciation....do....	2,542	2,495	2,468	2,575	2,627	2,330	2,560	2,186	2,271	2,403	2,284	2,286	2,403	2,317	.....	.....
Net operating revenues....do....	153	219	212	245	99	291	509	370	156	361	98	475	245	328	.....	.....
Radiotelegraph:																
Operating revenues....do....	4,675	5,077	4,862	5,117	5,034	5,069	5,546	5,525	5,654	5,901	5,505	5,752	5,831	5,774	.....	.....
Operating expenses, incl. depreciation....do....	3,676	3,882	3,736	3,926	3,721	3,822	4,028	4,158	4,339	4,448	4,274	4,336	4,251	4,379	.....	.....
Net operating revenues....do....	816	982	895	974	1,096	1,015	1,333	1,195	1,054	1,222	998	1,192	1,345	1,167	.....	.....

r Revised. [1] Annual index. [2] Number of carriers filing complete reports for 1962. [3] Data cover 5 weeks; other periods, 4 weeks. [4] Based on unadjusted data. [5] Quarterly average.

† Revisions for 1962 are in the Aug. 1963 SURVEY.

♀ Includes data not shown separately.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CHEMICALS AND ALLIED PRODUCTS																
CHEMICALS																
Inorganic chemicals, production:																
Acetylene ... mil. cu. ft.	1,103	1,148	1,070	1,123	1,145	1,126	1,208	1,197	1,216	1,154	1,120	1,252	1,233	1,271	1,204	-------
Ammonia, synthetic anhydrous (commercial) thous. sh. tons	484.1	553.8	562.4	537.3	528.4	528.4	548.5	586.9	607.5	614.8	583.8	650.7	636.8	659.7	636.7	-------
Carbon dioxide, liquid, gas, and solid ... do	85.3	88.7	101.2	108.5	107.7	90.5	93.9	80.5	79.2	79.0	76.0	82.8	85.0	94.9	108.9	-------
Chlorine, gas (100% Cl_2) ... do	428.6	454.0	453.8	452.2	469.0	454.4	470.9	469.0	482.0	466.8	456.0	488.6	480.6	501.1	469.9	-------
Hydrochloric acid (100% HCl) ... do	87.7	87.3	86.0	87.2	88.4	85.5	92.8	88.4	87.2	91.2	94.8	104.1	104.4	106.0	106.8	-------
Nitric acid (100% HNO_3) ... do	280.8	349.7	287.8	304.0	325.5	336.4	372.7	405.9	414.6	402.0	462.6	420.5	375.1	349.5	306.5	-------
Oxygen (high purity) ... mil. cu. ft.	8,661	10,768	11,308	10,685	10,140	10,439	10,960	10,892	11,744	12,011	12,201	13,367	13,107	13,402	12,538	-------
Phosphoric acid (100% P_2O_5) ... thous. sh. tons	203.9	241.7	236.6	204.4	229.5	238.6	261.7	253.3	253.7	267.9	273.5	284.8	286.5	280.3	259.5	-------
Sodium carbonate (soda ash), synthetic (58% Na_2O) ... thous. sh. tons	383.9	390.1	400.0	392.6	399.3	375.2	418.9	400.0	388.0	381.2	394.5	419.1	415.3	435.1	419.5	-------
Sodium bichromate and chromate ... do	10.6	10.9	11.8	10.7	11.0	8.9	10.9	11.5	11.3	9.3	10.5	11.4	11.7	12.3	11.2	-------
Sodium hydroxide (100% NaOH) ... do	453.6	474.7	473.6	476.8	495.5	472.4	497.8	487.9	497.3	490.2	484.2	514.3	507.3	534.4	503.7	-------
Sodium silicate (soluble silicate glass), anhydrous thous. sh. tons	46.1	46.0	45.7	42.6	36.7	45.3	51.0	52.6	42.5	41.4	40.9	53.1	53.7	52.3	44.5	-------
Sodium sulfates (anhydrous, refined; Glauber's salt; crude salt cake) ... thous. sh. tons	99.5	100.5	97.6	100.2	102.6	95.4	106.5	107.7	106.1	106.3	103.2	108.3	109.2	116.1	107.8	-------
Sulfuric acid (100% H_2SO_4) ... do	1,641.8	1,744.7	1,668.9	1,597.0	1,687.3	1,666.2	1,836.7	1,788.4	1,853.1	1,868.4	1,853.7	1,983.5	2,016.2	1,980.9	1,859.1	-------
Organic chemicals, production:♂																
Acetic acid (synthetic and natural) ... mil. lb.	82.2	87.4	87.2	83.1	84.7	72.6	95.4	89.5	90.9	92.3	94.0	93.4	82.9	88.5	87.5	-------
Acetic anhydride ... do	103.5	105.8	109.7	107.0	103.7	111.6	104.6	106.1	121.0	111.8	101.6	125.4	109.2	115.2	106.5	-------
Acetylsalicylic acid (aspirin) ... do	2.3	2.4	2.2	2.2	2.1	2.3	2.6	2.6	2.6	2.8	2.6	2.7	2.7	2.1	2.5	-------
Creosote oil ... mil. gal.	7.6	8.2	9.0	7.4	8.8	9.2	8.6	8.1	8.8	8.2	7.1	8.4	9.1	10.6	9.8	-------
DDT ... mil. lb.	13.9	14.9	15.6	17.7	14.8	14.3	14.2	11.4	9.4	11.4	12.8	13.3	11.3	13.0	12.6	-------
Ethyl acetate (85%) ... do	8.5	9.2	10.8	7.9	9.6	8.7	10.0	7.3	9.4	8.8	10.8	9.4	7.4	8.0	11.9	-------
Ethylene glycol ... do	119.5	121.0	114.0	118.0	127.8	121.4	132.2	123.1	123.4	121.8	109.1	138.8	129.3	116.9	138.2	-------
Formaldehyde (37% HCHO) ... do	199.8	212.7	203.8	190.7	218.3	216.4	234.3	226.4	220.4	207.0	203.0	219.5	237.7	r225.2	229.6	-------
Glycerin, refined, all grades:																
Production ... do	20.8	24.8	26.8	21.5	25.9	26.8	30.2	22.6	30.0	29.1	26.3	28.5	28.5	23.7	26.7	-------
Stocks, end of month ... do	32.7	23.8	25.4	20.8	19.1	15.9	16.1	20.5	22.2	22.3	25.4	27.6	26.5	27.7	31.1	-------
Methanol:																
Natural ... mil. gal.	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	-------
Synthetic ... do	28.0	29.3	27.6	26.3	31.7	28.7	31.4	28.5	30.8	29.6	29.9	30.3	33.9	34.4	31.1	-------
Phthalic anhydride ... mil. lb.	35.6	39.5	40.4	35.6	37.1	41.4	45.3	40.9	39.5	37.4	36.7	44.9	49.2	49.9	48.5	-------
ALCOHOL																
Ethyl alcohol and spirits:																
Production ... mil. tax gal.	52.4	57.7	50.4	58.1	49.7	61.7	73.5	58.7	58.9	60.5	56.1	53.8	54.0	53.0	-------	-------
Stocks, end of month ... do	151.4	171.5	170.7	175.7	177.2	181.7	180.3	169.8	177.3	179.5	183.0	188.9	189.3	184.9	-------	-------
Used for denaturation ... do	42.4	44.4	42.7	42.8	44.0	40.7	47.5	43.9	45.5	49.5	44.0	43.9	46.7	45.3	-------	-------
Taxable withdrawals ... do	5.3	5.3	5.5	4.8	5.0	5.8	7.5	5.8	4.3	4.9	4.7	5.4	5.7	5.5	-------	-------
Denatured alcohol:																
Production ... mil. wine gal.	22.9	23.9	23.0	23.1	23.8	22.0	25.6	23.6	24.5	26.6	23.7	23.9	r25.1	23.8	-------	-------
Consumption (withdrawals) ... do	23.0	24.0	22.9	23.4	24.3	22.0	25.6	24.5	23.8	26.4	23.1	24.7	24.8	23.5	-------	-------
Stocks, end of month ... do	3.9	3.0	3.7	3.3	2.8	2.8	2.8	2.0	3.3	3.2	3.7	2.9	3.1	3.4	-------	-------
FERTILIZERS																
Exports, total♀ ... thous. sh. tons	602	625	636	720	668	696	670	701	693	622	668	704	584	684	827	-------
Nitrogenous materials ... do	67	55	39	40	60	43	81	64	66	28	39	68	55	63	47	-------
Phosphate materials ... do	448	487	566	547	513	557	487	517	524	458	534	495	468	529	666	-------
Potash materials ... do	71	59	23	76	64	81	83	88	66	100	59	94	33	50	60	-------
Imports, total semimanufactures* ♀ ... do	166	205	147	127	232	207	244	188	200	255	253	292	376	173	180	-------
Ammonium nitrate ... do	18	21	15	12	18	19	21	27	20	20	16	17	19	17	11	-------
Ammonium sulfate ... do	20	20	13	13	6	21	27	11	11	14	29	36	43	11	7	-------
Potassium chloride ... do	39	73	24	58	75	111	98	52	65	117	93	126	150	65	34	-------
Sodium nitrate ... do	36	34	62	13	46	14	31	35	39	32	30	22	63	22	50	-------
Potash deliveries (K_2O) ... do	197	227	49	150	290	161	258	162	189	374	233	369	424	254	-------	-------
Superphosphate and other phosphatic fertilizers (100% P_2O_5):																
Production ... thous. sh. tons	235	269	239	205	246	247	291	282	294	304	327	336	337	307	273	-------
Stocks, end of month ... do	425	419	377	428	456	441	446	462	490	452	443	383	249	249	346	-------
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly:																
Black blasting powder ... thous. lb.	[1] 306	[1] 284	164	-------	-------	423	-------	-------	323	-------	-------	141	-------	-------	195	-------
High explosives ... do	[1] 277,199	[1] 301,665	315,789	-------	-------	321,379	-------	-------	322,968	-------	-------	262,470	-------	-------	334,018	-------
Paints, varnish, and lacquer, factory shipments:																
Total shipments ... mil. $	152.7	[2] 157.5	178.8	177.0	176.6	160.3	171.1	138.9	117.7	138.8	142.5	165.2	186.0	188.5	197.8	-------
Trade products ... do	89.8	[2] 93.8	110.5	111.8	112.2	97.1	100.2	77.0	61.0	75.5	80.6	97.1	112.2	115.0	119.5	-------
Industrial finishes ... do	62.9	[2] 63.7	68.3	65.2	64.4	63.2	70.9	61.9	56.7	63.3	61.9	68.1	73.8	73.5	78.3	-------
Sulfur, native (Frasch) and recovered:																
Production ... thous. lg. tons	[3] 490	[3] 486	504	490	476	473	491	484	495	500	499	499	513	531	-------	-------
Stocks (producers'), end of month ... do	4,832	4,875	4,955	4,931	4,880	4,844	4,743	4,763	4,760	4,780	4,786	4,720	4,686	4,676	-------	-------
PLASTICS AND RESIN MATERIALS																
Production:																
Cellulose plastic materials ... mil. lb.	13.2	12.7	13.0	10.9	12.1	12.8	14.0	13.8	12.1	11.6	13.0	15.2	13.9	12.4	-------	-------
Thermosetting resins:																
Alkyd resins ... do	[3] 45.7	46.5	50.0	46.8	47.7	43.3	47.2	40.5	37.7	44.4	44.0	48.5	r49.0	47.9	-------	-------
Coumarone-indene and petroleum polymer resins ... mil. lb.	[3] 29.0	25.8	21.0	21.2	27.0	25.5	30.2	24.9	25.9	26.0	25.0	27.6	29.8	26.2	-------	-------
Polyester resins ... do	[3] 17.7	21.3	21.4	19.6	21.6	21.2	23.9	21.2	20.4	22.7	23.9	25.4	27.2	27.0	-------	-------
Phenolic and other tar acid resins ... do	[3] 57.5	61.0	60.5	50.0	63.0	62.8	69.6	62.0	61.7	66.3	64.0	72.6	71.5	67.4	-------	-------
Urea and melamine resins ... do	[3] 40.7	42.2	42.6	35.0	41.2	42.2	48.5	41.5	38.0	42.8	39.6	43.1	r45.9	43.3	-------	-------
Thermoplastic resins:																
Styrene-type plastic materials (polystyrene) mil. lb.	[3] 106.2	124.3	128.1	114.3	126.6	130.1	136.5	133.2	127.8	132.3	136.6	146.3	144.7	149.7	-------	-------
Vinyl resins (resin content basis) ... do	[3] 130.5	149.3	149.9	134.0	153.7	156.5	168.3	160.5	153.0	150.5	158.3	173.3	174.4	176.7	-------	-------
Polyethylene ... do	168.0	188.2	187.0	189.8	189.3	183.3	202.4	200.0	210.1	210.8	208.7	210.1	217.8	226.6	-------	-------

r Revised. [1] Quarterly average. [2] Beginning Jan. 1963, the estimated totals are based on a new and larger sample and reflect improved estimating methods, which affect comparability with data for earlier periods; Oct.–Dec. 1962 estimated totals on the new basis appear on p. S-25 of the Feb. 1964 SURVEY. [3] Based on annual total containing revisions not distributed by months.

♂Data are reported on the basis of 100% content of the specified material unless otherwise indicated. ♀Includes data not shown separately.

*New series. Data exclude some materials (chiefly crudes) shown in the former series. Monthly data prior to Jan. 1963 may be obtained from Bu. of Census reports.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
ELECTRIC POWER AND GAS																
ELECTRIC POWER																
Production (utility and industrial), total ⊙ mil. kw.-hr.	78,624	83,991	83,665	88,703	89,861	82,892	84,845	82,437	90,302	90,642	84,613	87,987	84,534	87,226	90,585	
Electric utilities, total do	71,026	76,167	75,731	81,000	81,973	75,156	76,712	74,474	82,260	82,328	76,701	79,595	76,392	78,894	82,294	
By fuels do	57,003	62,379	61,756	66,827	68,440	63,144	64,491	61,769	67,653	67,834	62,906	63,652	60,092	63,031	68,341	
By waterpower do	14,024	13,788	13,975	14,173	13,533	12,012	12,222	12,705	14,607	14,495	13,795	15,942	16,301	15,863	13,953	
Privately and municipally owned util do	57,725	62,095	62,045	66,287	67,161	61,769	63,181	60,837	66,459	67,024	62,143	64,596	62,204	64,155	67,960	
Other producers (publicly owned) do	13,301	14,073	13,686	14,713	14,812	13,387	13,531	13,637	15,802	15,304	14,558	14,999	14,188	14,739	14,334	
Industrial establishments, total do	7,597	7,824	7,935	7,703	7,887	7,735	8,133	7,963	8,042	8,313	7,912	8,392	8,142	8,332	8,292	
By fuels do	7,313	7,555	7,653	7,474	7,665	7,533	7,917	7,722	7,770	8,019	7,621	8,075	7,807	8,027	8,045	
By waterpower do	284	270	281	229	222	202	215	241	272	294	291	317	335	305	246	
Sales to ultimate customers, total (EEI) do	64,674	69,234	67,803	70,509	73,018	72,079	69,516	68,309	71,364	75,196	72,724	72,692	71,549	71,065		
Commercial and industrial:																
Small light and power do	12,008	13,387	13,503	14,938	15,639	15,697	13,706	13,095	14,093	[1]14,165	[1]14,061	[1]14,121	[1]14,034	[1]14,327		
Large light and power do	31,160	32,856	33,304	33,081	33,871	33,790	34,279	33,463	32,593	[1]32,993	[1]32,330	[1]33,330	[1]33,643	[1]34,459		
Railways and railroads do	393	389	346	351	358	348	373	378	452	439	436	409	384	368		
Residential or domestic do	18,868	20,141	18,304	19,752	20,690	20,356	18,553	18,793	21,630	24,932	23,295	22,301	20,982	19,431		
Street and highway lighting do	612	646	541	551	591	631	691	735	773	780	711	693	641	613		
Other public authorities do	1,529	1,683	1,647	1,673	1,707	1,706	1,776	1,719	1,716	1,769	1,774	1,707	1,721	1,712		
Interdepartmental do	104	133	157	163	161	152	138	126	108	118	118	130	143	156		
Revenue from sales to ultimate customers (Edison Electric Institute) mil. $	1,085.4	1,141.4	1,121.6	1,167.3	1,200.7	1,187.8	1,136.2	1,119.0	1,161.7	1,217.2	1,184.5	1,169.0	1,153.0	1,145.9		
GAS																
Manufactured and mixed gas (quarterly): ♂‡																
Customers, end of quarter, total ♀ thous.	1,922	1,533	1,839			1,197			1,196							
Residential do	1,800	1,432	1,724			1,114			1,111							
Industrial and commercial do	122	100	114			83			84							
Sales to consumers, total ♀ mil. therms	530	502	441			214			424							
Residential do	370	346	285			100			277							
Industrial and commercial do	157	153	153			112			145							
Revenue from sales to consumers, total ♀ mil. $	67.3	60.9	56.9			26.6			47.8							
Residential do	51.3	46.1	42.3			16.9			34.7							
Industrial and commercial do	15.7	14.6	14.5			9.6			12.9							
Natural gas (quarterly): ♂‡																
Customers, end of quarter, total ♀ thous.	32,674	33,893	33,336			33,989			34,799							
Residential do	30,014	31,128	30,628			31,286			31,929							
Industrial and commercial do	2,624	2,727	2,671			2,666			2,832							
Sales to consumers, total ♀ mil. therms	25,045	26,321	23,964			19,504			25,866							
Residential do	8,466	8,748	6,924			2,966			8,097							
Industrial and commercial do	15,321	16,263	15,982			15,297			16,465							
Revenue from sales to consumers, total ♀ mil. $	1,541.3	1,613.2	1,417.6			1,002.5			1,596.5							
Residential do	847.7	880.3	733.4			401.7			848.6							
Industrial and commercial do	651.0	687.5	648.1			561.8			702.5							
FOOD AND KINDRED PRODUCTS; TOBACCO																
ALCOHOLIC BEVERAGES																
Beer:																
Production mil. bbl.	8.07	8.39	9.67	10.83	9.38	7.42	7.93	6.85	7.31	7.63	7.50	8.95	9.63	9.28		
Taxable withdrawals do	7.60	7.82	8.81	10.22	9.26	7.37	7.95	6.73	7.05	6.74	6.42	7.80	8.49	8.73		
Stocks, end of month do	10.46	10.76	11.77	11.70	11.18	10.72	10.19	9.85	9.67	10.08	10.68	11.30	11.82	11.77		
Distilled spirits (total):																
Production mil. tax gal.	12.90	12.50	10.79	6.82	8.52	9.42	15.99	13.39	14.18	13.89	13.51	14.06	r 14.51	13.64		
Consumption, apparent, for beverage purposes mil. wine gal.	21.14	21.58	20.24	19.98	20.12	19.46	24.45	25.89	30.92	18.49	18.43	21.84	21.08	22.27		
Taxable withdrawals mil. tax gal.	10.27	10.34	10.76	9.25	10.02	11.11	14.57	11.36	8.56	9.34	9.53	10.51	r 11.46	10.91		
Stocks, end of month do	882.72	876.90	883.31	878.48	874.49	869.81	867.44	865.87	870.00	871.77	873.19	874.44	874.54	874.27		
Imports mil. proof gal.	3.60	3.82	3.26	3.49	3.35	3.94	5.71	5.37	4.87	3.03	3.07	3.62	3.84	3.71	4.16	
Whisky:																
Production mil. tax gal.	9.41	8.74	7.06	3.40	5.06	5.80	10.13	8.49	9.99	10.38	10.27	10.36	10.95	9.70		
Taxable withdrawals do	7.18	7.08	6.78	5.63	6.46	8.02	10.85	8.38	5.91	6.46	6.73	7.05	7.50	7.05		
Stocks, end of month do	859.13	852.54	859.77	855.34	851.80	846.88	843.02	840.03	842.40	844.01	854.14	846.10	846.91	846.76		
Imports mil. proof gal.	3.18	3.35	2.90	2.99	2.92	3.38	5.04	4.83	4.19	1.57	1.77	3.23	3.42	1.48	3.71	
Rectified spirits and wines, production, total mil. proof gal.	7.20	7.24	7.37	6.23	6.73	7.74	10.88	8.15	5.87	6.35	6.27	7.24	7.85	7.38		
Whisky do	5.33	5.19	5.23	4.42	4.62	5.68	8.35	6.24	4.15	4.33	4.51	5.18	5.68	5.16		
Wines and distilling materials:																
Effervescent wines:																
Production mil. wine gal.	.37	.40	.54	.21	.36	.34	.45	.37	.44	.43	.48	.63	.53	.38		
Taxable withdrawals do	.32	.35	.31	.22	.31	.39	.54	.57	.59	.34	.27	.34	.33	.36		
Stocks, end of month do	2.79	3.00	3.31	3.28	3.29	3.21	3.07	2.86	2.65	2.71	2.88	3.14	3.31	3.30		
Imports do	.09	.09	.06	.05	.05	.09	.18	.14	.15	.06	.06	.08	.08	.09	.09	
Still wines:																
Production do	15.78	16.85	1.84	2.01	3.04	45.43	108.68	21.47	4.76	2.73	2.97	3.40	2.19	1.84		
Taxable withdrawals do	12.52	13.11	12.77	9.57	12.84	12.52	15.56	14.07	13.71	13.57	13.76	15.96	13.80	12.86		
Stocks, end of month do	178.86	185.04	142.45	134.11	120.84	155.87	246.45	249.05	229.08	213.89	201.61	185.83	175.68	164.18		
Imports do	1.08	1.11	1.00	1.00	.97	1.07	1.92	1.47	1.18	.79	1.57	1.10	.90	1.16	1.21	
Distilling materials produced at wineries do	31.27	39.39	11.87	8.38	9.98	118.07	202.64	70.11	18.48	5.10	8.38	6.15	1.79	1.51		

r Revised. [1] Not directly comparable with data through 1963. Comparable figures for Jan.-May 1963, respectively (mil. kw.-hr.): Small light and power—12,609; 12,535; 12,617; 12,577; 12,889; large—31,105; 30,442; 31,440; 31,753; 32,496.

⊙ Revisions for Jan.-Dec. 1962 appear on p. 24 of the Mar. 1964 SURVEY.

♂ The averages shown for gas are quarterly averages.

‡ Revised data for 1st and 2d qtrs. of 1962 appear in the Sept. 1963 SURVEY.

♀ Includes data not shown separately.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
DAIRY PRODUCTS																
Butter, creamery:																
Production (factory)‡ ..... mil. lb.	r 128.1	r 118.3	r 142.6	r 114.1	r 95.2	r 85.5	r 91.8	r 91.9	r 111.6	r 128.8	r 123.5	r 139.4	r 142.7	r 153.5	142.9	.....
Stocks, cold storage, end of month ..... do	363.4	328.4	401.4	392.6	367.0	328.7	284.5	241.3	207.0	187.1	191.2	191.0	195.7	203.5	r 234.9	240.1
Price, wholesale, 92-score (N.Y.) ..... $ per lb.	.594	.590	.586	.587	.590	.603	.596	.593	.593	.587	.587	.586	.586	.587	.587	.591
Cheese:																
Production (factory), total‡ ..... mil. lb.	132.1	r 136.1	176.6	150.5	139.8	127.0	122.5	115.7	124.5	r 125.9	124.0	r 145.8	r 151.8	r 176.4	175.3	.....
American, whole milk‡ ..... do	91.1	r 93.6	r 129.9	111.7	99.7	86.6	81.6	73.7	78.3	r 82.4	r 81.4	96.5	r 106.5	r 128.3	128.1	.....
Stocks, cold storage, end of month, total ..... do	463.4	385.0	416.0	439.9	435.2	407.9	378.2	363.3	340.7	318.1	301.6	301.7	323.1	352.2	r 331.8	405.4
American, whole milk ..... do	420.4	344.9	373.9	394.8	390.6	363.9	336.9	323.7	301.6	279.2	263.7	264.0	284.0	309.7	r 339.2	359.0
Imports ..... do	6.5	6.9	6.6	5.7	3.8	5.1	7.5	9.7	8.4	6.6	4.6	8.5	6.4	7.0	5.4	.....
Price, wholesale, American, single daisies (Chicago) ..... $ per lb.	.400	.426	.423	.427	.428	.428	.432	.432	.432	.430	.430	.422	.420	.420	.421	.428
Condensed and evaporated milk:																
Production, case goods:‡																
Condensed (sweetened) ..... mil. lb.	6.1	6.6	7.7	r 9.2	9.6	6.9	r 3.9	4.0	r 7.0	6.0	5.6	6.7	10.7	10.0	7.2	.....
Evaporated (unsweetened) ..... do	160.7	r 158.1	r 208.1	r 184.4	r 175.2	r 140.3	r 129.7	r 122.2	r 133.9	r 140.3	r 141.5	r 150.0	r 160.8	r 208.5	202.0	.....
Stocks, manufacturers', case goods, end of mo.:																
Condensed (sweetened) ..... mil. lb.	5.0	6.6	7.8	9.0	10.4	6.2	5.7	6.5	5.8	5.9	6.1	7.3	9.1	10.0	9.6	.....
Evaporated (unsweetened) ..... do	178.4	162.9	194.2	223.5	243.1	231.8	199.8	150.8	131.7	96.8	82.6	69.7	82.6	147.6	208.2	.....
Exports:																
Condensed (sweetened) ..... do	4.0	5.0	7.0	5.2	9.3	5.9	7.9	.3	7.0	3.3	3.0	3.4	5.2	8.6	5.4	.....
Evaporated (unsweetened) ..... do	5.5	5.2	10.7	4.5	3.3	10.0	3.3	3.8	2.9	2.5	3.1	2.4	3.0	2.7	3.0	.....
Price, manufacturers' average selling:																
Evaporated (unsweetened) ..... $ per case	6.11	6.01	6.02	6.00	6.00	6.00	6.00	5.99	6.00	6.00	5.98	5.98	5.96	5.94	5.93	.....
Fluid milk:																
Production on farms ..... mil. lb.	10,502	10,399	11,841	10,861	10,130	9,558	9,557	9,205	9,706	10,066	9,842	11,007	11,346	12,330	r 11,790	10,824
Utilization in mfd. dairy products♂ ..... do	5,216	r 5,099	r 6,471	r 5,635	r 4,983	r 4,183	r 4,148	r 3,900	r 4,399	r 4,922	r 4,917	r 5,655	r 5,904	r 6,613	6,528	.....
Price, wholesale, U.S. average ..... $ per 100 lb.	4.10	4.10	3.72	3.91	4.08	4.29	4.43	4.48	4.42	4.34	4.25	4.12	3.94	3.82	r 3.78	3.94
Dry milk:																
Production:‡																
Dry whole milk ..... mil. lb.	6.6	r 7.6	r 7.6	r 7.4	r 8.1	r 7.6	r 7.1	r 6.7	r 6.3	r 7.6	6.6	r 7.3	r 7.8	r 7.4	6.6	.....
Nonfat dry milk (human food) ..... do	185.5	r 174.7	r 239.7	r 182.4	r 144.8	r 119.4	r 121.4	r 128.2	r 158.3	r 176.9	r 181.0	r 206.7	r 217.7	r 250.2	235.6	.....
Stocks, manufacturers', end of month:																
Dry whole milk ..... do	6.3	5.7	6.5	6.5	5.5	4.8	5.0	5.3	5.3	6.1	5.8	6.6	7.5	7.1	6.4	.....
Nonfat dry milk (human food) ..... do	123.4	95.0	136.5	115.9	99.3	82.1	63.0	64.3	81.5	80.9	86.1	97.6	104.6	130.6	128.6	.....
Exports:																
Dry whole milk ..... do	1.1	2.5	.8	1.7	4.7	2.6	2.0	1.6	2.9	2.1	.8	.8	1.1	1.3	.6	.....
Nonfat dry milk (human food) ..... do	25.5	44.6	50.6	48.4	48.7	39.2	41.9	53.6	38.0	27.4	37.9	88.6	61.0	119.4	107.1	.....
Price, manufacturers' average selling, nonfat dry milk (human food) ..... $ per lb.	.148	.144	.144	.144	.144	.144	.144	.144	.146	.146	.146	.146	.146	.146	.146	.....
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat) ..... mil. bu.	96.9	103.4	100.5	98.2	84.6	92.7	115.6	125.6	130.7	123.8	112.5	123.4	126.6	129.7	96.6	.....
Barley:																
Production (crop estimate) ..... do	[1] 436.4	[1] 399.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a] 387.7
Stocks (domestic), end of quarter, total ..... do	[2] 284.8	[2] 284.0	[3] 146.8	.....	.....	426.0	.....	.....	329.5	.....	.....	r 231.0	.....	.....	[2] 132.7	.....
On farms ..... do	[2] 160.8	[2] 165.0	[3] 67.6	.....	.....	262.6	.....	.....	199.1	.....	.....	129.2	.....	.....	[2] 59.7	.....
Off farms ..... do	[2] 124.0	[2] 119.0	[3] 79.3	.....	.....	163.4	.....	.....	130.4	.....	.....	r 101.8	.....	.....	[3] 73.1	.....
Exports, including malt§ ..... do	8.3	4.8	5.3	1.7	4.2	5.5	4.8	7.7	5.8	5.5	6.7	2.9	5.0	12.6	7.7	.....
Prices, wholesale (Minneapolis):																
No. 2, malting ..... $ per bu.	1.26	1.19	1.24	1.14	1.11	1.18	1.22	1.21	1.18	1.18	1.16	1.18	1.22	1.23	1.19	1.18
No. 3, straight ..... do	1.20	1.11	1.14	1.05	1.02	1.09	1.14	1.11	1.09	1.10	1.09	1.10	1.14	1.16	1.11	1.08
Corn:																
Production (crop estimate, grain only) ..... mil. bu.	[1] 3,637	r [1] 4,082	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a] 3,885
Grindings, wet process ..... do	14.3	15.4	15.5	16.7	16.4	15.3	16.8	16.7	14.4	15.9	15.9	17.4	16.5	17.2	17.0	15.2
Stocks (domestic), end of quarter, total ..... mil. bu.	[2] 2,929	[2] 2,705	2,115	.....	.....	[3] 1,316	.....	.....	4,353	.....	.....	3,264	.....	.....	2,345	.....
On farms ..... do	[2] 1,807	[2] 1,779	1,386	.....	.....	[3] 514	.....	.....	3,217	.....	.....	2,254	.....	.....	1,479	.....
Off farms ..... do	[2] 1,122	[2] 926	729	.....	.....	[3] 801	.....	.....	1,136	.....	.....	1,010	.....	.....	866	.....
Exports, including meal and flour ..... do	35.5	36.6	43.1	35.6	26.6	27.8	33.5	55.7	54.7	46.8	33.5	33.5	42.4	35.4	28.0	.....
Prices, wholesale:																
No. 3, yellow (Chicago) ..... $ per bu.	1.11	1.24	1.29	1.32	1.32	1.35	1.18	1.15	1.19	1.22	1.19	1.21	1.24	1.28	1.26	1.22
Weighted avg., 5 markets, all grades ..... do	1.08	1.20	1.25	1.26	1.25	1.26	1.19	1.16	1.19	1.20	1.18	1.21	1.24	1.27	1.24	1.21
Oats:																
Production (crop estimate) ..... mil. bu.	[1] 1,020	[1] 981	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a] 910
Stocks (domestic), end of quarter, total ..... do	[2] 628	[2] 621	[3] 274	.....	.....	946	.....	.....	773	.....	.....	r 517	.....	.....	[3] 315	.....
On farms ..... do	[2] 553	[2] 545	[3] 232	.....	.....	833	.....	.....	688	.....	.....	446	.....	.....	[3] 252	.....
Off farms ..... do	[2] 74	[2] 76	[3] 43	.....	.....	113	.....	.....	85	.....	.....	72	.....	.....	[3] 63	.....
Exports, including oatmeal ..... do	2.5	.9	1.0	1.6	1.2	.8	.6	.2	.2	.2	.2	.1	.3	.7	.9	.....
Price, wholesale, No. 2, white (Chicago)† ..... $ per bu.	.71	.73	.72	.68	.68	.71	.71	.72	.74	.75	.71	.68	.68	.66	.66	.65
Rice:																
Production (crop estimate) ..... mil. bags♀	[1] 66.0	[1] 70.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a] 72.4
California mills:																
Receipts, domestic, rough ..... mil. lb.	126	122	83	59	66	61	271	81	70	206	138	141	163	103	66	.....
Shipments from mills, milled rice ..... do	79	85	53	52	54	45	62	46	84	89	187	82	184	109	42	.....
Stocks, rough and cleaned (cleaned basis), end of month ..... mil. lb.	97	132	103	90	78	75	192	200	168	232	143	170	105	69	74	.....
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers ..... mil. lb.	364	438	62	115	836	1,679	1,113	377	295	329	192	123	148	71	58	.....
Shipments from mills, milled rice ..... do	255	270	234	218	234	332	357	264	329	379	386	555	494	428	372	.....
Stocks, domestic, rough and cleaned (cleaned basis), end of month ..... mil. lb.	866	957	388	255	570	1,340	1,235	1,710	1,592	1,447	1,197	931	746	531	355	.....
Exports ..... do	193	220	101	245	97	87	197	203	357	314	419	356	400	265	237	.....
Price, wholesale, Nato. No. 2 (N.O.) ..... $ per lb.	.094	.093	.095	.095	.090	.087	.088	.088	.088	.088	.088	.088	.088	.088	p .088	.....
Rye:																
Production (crop estimate) ..... mil. bu.	[1] 40.8	[1] 29.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a] 34.4
Stocks (domestic), end of quarter, total ..... do	[2] 19.9	[2] 15.0	[3] 6.9	.....	.....	23.1	.....	.....	14.8	.....	.....	10.8	.....	.....	[3] 5.3	.....
Price, wholesale, No. 2 (Minneapolis) ..... $ per bu.	1.22	1.30	1.22	1.21	1.22	1.42	1.45	1.44	1.42	1.48	1.38	1.34	1.32	1.29	1.28	1.19

r Revised. p Preliminary.
[1] Crop estimate for the year. [2] Quarterly average.
[3] Old crop only; new crop not reported until beginning of new crop year (July for barley, oats, rye, and wheat; Oct. for corn).
‡Revisions are available upon request as follows: Jan. 1961–June 1962 and Jan.–May 1963 for cheese and nonfat dry milk; Jan.–June 1962 and Jan.–May 1963 for butter and condensed, evaporated, and dry whole milk.

♂Revised series; data reflect inclusion of creamed cottage cheese and frozen products (formerly excluded). Revisions for 1946 and 1952–58 (former series) and 1958–62 (revised series) appear on p. 24 of the Mar. 1964 SURVEY.
§ Excludes a small amount of pearl barley.
† Revised series (for No. 2; formerly, for No. 3).
♀ Bags of 100 lb. [a] Aug. 1 estimate of 1964 crop.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
GRAIN AND GRAIN PRODUCTS—Con.																
Wheat:																
Production (crop estimate), total ... mil. bu.	[1] 1,094	[1] 1,138	------	------	------	------	------	------	------	------	------	------	------	------	------	[a] 1,285
Spring wheat ... do	[1] 273	[1] 233	------	------	------	------	------	------	------	------	------	------	------	------	------	[a] 273
Winter wheat ... do	[1] 821	[1] 905	------	------	------	------	------	------	------	------	------	------	------	------	------	[a] 1,012
Distribution (quarterly total) ... do	[2] 316	[2] 337	311	------	------	392	------	------	329	------	------	r 410	------	------	356	------
Stocks (domestic), end of quarter, total ... do	[2] 1,713	[2] 1,563	[3] 1,195	------	------	1,941	------	------	1,613	------	------	r 1,205	------	------	[3] 900	------
On farms ... do	[2] 259	[2] 252	[3] 95	------	------	409	------	------	309	------	------	153	------	------	[3] 75	------
Off farms ... do	[2] 1,453	[2] 1,311	[3] 1,100	------	------	1,533	------	------	1,304	------	------	r 1,052	------	------	[3] 825	------
Exports, total, including flour ... do	49.2	59.7	49.1	55.4	52.1	58.1	75.5	61.0	68.9	[4] 70.5	71.5	86.6	78.0	79.5	60.0	------
Wheat only ... do	43.0	53.3	39.1	51.4	47.6	52.2	70.4	55.1	69.0	66.0	65.6	81.5	70.7	72.1	54.8	------
Prices, wholesale:																
No. 1, dark northern spring (Minneapolis) $ per bu.	2.48	2.42	2.50	2.31	2.26	2.36	2.43	2.39	2.37	2.37	2.32	2.25	2.34	2.35	2.38	1.70
No. 2, hd. and dk. hd. winter (Kans. City) ... do	2.19	2.20	2.03	2.01	2.03	2.09	2.26	2.21	2.23	2.24	2.23	2.17	2.26	2.13	1.53	1.55
Weighted avg., 6 markets, all grades ... do	2.41	2.33	2.18	2.12	2.19	2.29	2.37	2.34	2.31	2.31	2.27	2.19	2.26	2.26	1.58	1.59
Wheat flour:																
Production:																
Flour ... thous. sacks (100 lb.)	21,839	21,991	20,421	21,687	22,886	21,409	24,649	22,220	21,399	23,519	21,218	21,956	22,241	21,961	27,057	------
Operations, percent of capacity	92.4	r 92.6	93.6	90.4	95.3	97.9	98.0	101.6	91.8	97.5	96.8	90.0	91.2	94.3	110.6	------
Offal ... thous. sh. tons	406	r 407	377	398	425	400	r 459	412	393	433	390	406	411	409	507	------
Grindings of wheat ... thous. bu.	49,613	49,976	46,520	49,215	51,990	48,798	56,105	50,558	48,599	53,494	47,872	49,646	50,226	49,896	61,557	------
Stocks held by mills, end of quarter thous. sacks (100 lb.)	[2] 4,584	r [2] 4,710	4,383	------	------	r 4,516	------	------	4,823	------	------	5,843	------	------	5,354	------
Exports ... do	2,686	2,808	4,336	1,702	1,937	2,570	2,232	2,550	3,878	1,912	2,527	2,183	3,127	3,191	2,249	------
Prices, wholesale:																
Spring, standard patent (Minneapolis) $ per 100 lb.	5.909	5.639	5.650	5.388	5.013	5.550	5.725	5.738	5.538	5.538	5.563	5.313	5.600	r 5.478	p 5.785	------
Winter, hard, 95% patent (Kans. City) ... do	5.621	5.365	5.233	4.967	4.900	5.283	5.467	5.450	5.233	5.250	5.300	5.150	5.400	r 5.250	p 5.334	------
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves ... thous. animals	415	378	282	341	366	395	462	385	400	412	342	400	379	321	338	------
Cattle ... do	1,695	1,805	1,752	1,838	1,900	1,829	2,092	1,793	1,808	2,013	1,710	1,878	2,045	2,070	2,207	------
Receipts (salable) at 27 public markets ... do	1,225	1,173	997	1,185	1,167	1,287	1,592	1,283	1,205	1,189	969	1,141	1,139	1,082	1,257	b 1,201
Shipments, feeder, to 8 corn-belt States ... do	595	551	294	342	468	717	1,281	1,133	578	525	319	384	355	322	260	------
Prices, wholesale:																
Beef steers (Chicago) ... $ per 100 lb.	27.20	23.79	22.54	24.56	24.47	23.80	23.97	23.38	22.16	22.38	21.18	21.38	21.03	20.29	21.37	23.15
Steers, stocker and feeder (Kansas City) ... do	24.53	22.95	22.74	23.19	23.67	22.71	22.38	21.53	20.06	21.17	21.57	21.42	20.91	19.24	18.92	18.81
Calves, vealers (Natl. Stockyards, Ill.) ... do	29.75	30.00	28.00	27.00	27.50	28.50	27.50	30.50	30.50	31.50	34.00	31.50	26.50	r 27.50	p 23.50	------
Hogs:																
Slaughter (federally inspected) ... thous. animals	5,648	5,965	4,880	4,995	5,174	5,868	6,775	6,380	6,695	6,956	5,898	6,420	6,481	5,476	5,038	------
Receipts (salable) at 27 public markets ... do	1,650	1,646	1,411	1,465	1,393	1,573	1,846	1,726	1,874	1,828	1,511	1,635	1,681	1,460	1,443	b 1,405
Prices:																
Wholesale, average, all grades (Chicago) $ per 100 lb.	16.44	15.03	16.36	17.20	16.60	15.53	15.29	14.39	13.76	14.22	14.37	14.22	13.89	14.46	15.22	15.88
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)	16.4	13.6	13.9	14.4	13.9	12.7	14.1	13.9	12.6	13.2	13.2	12.7	12.3	12.3	12.8	14.4
Sheep and lambs:																
Slaughter (federally inspected) ... thous. animals	1,224	1,163	972	1,201	1,204	1,236	1,441	1,112	1,105	1,296	980	1,035	1,052	986	1,056	------
Receipts (salable) at 27 public markets ... do	524	444	350	470	442	601	640	419	406	394	294	304	319	289	337	b 343
Shipments, feeder, to 8 corn-belt States ... do	224	200	115	122	223	428	457	213	122	146	143	133	171	215	154	------
Prices, wholesale:																
Lambs, average (Chicago) ... $ per 100 lb.	19.45	18.69	20.00	16.50	16.50	18.75	18.25	18.88	19.38	19.50	21.12	22.25	22.25	24.00	23.75	23.38
Lambs, feeder, good and choice (Omaha) ... do	[5] 15.57	[5] 17.46	19.74	17.80	16.84	16.84	16.52	16.44	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
MEATS AND LARD																
Total meats:																
Production (carcass weight, leaf lard in), inspected slaughter ... mil. lb.	2,151	2,292	2,078	2,156	2,187	2,245	2,582	2,366	2,450	2,662	2,252	2,447	2,575	2,406	2,404	------
Stocks (excluding lard), cold storage, end of month ... mil. lb.	481	592	623	579	522	523	541	623	653	729	773	810	872	873	r 833	722
Exports (meat and meat preparations)‡ ... do	42	45	42	38	42	47	58	62	49	60	56	53	47	63	56	------
Imports (meat and meat preparations)‡ ... do	109	122	105	144	142	144	132	112	121	119	73	101	89	76	126	------
Beef and veal:																
Production, inspected slaughter ... do	1,046.6	1,137.4	1,112.8	1,156.6	1,187.3	1,136.8	1,291.2	1,117.8	1,137.9	1,292.8	1,119.3	1,220.2	1,314.8	1,319.6	1,384.8	------
Stocks, cold storage, end of month ... do	163.5	217.2	197.3	201.0	208.8	228.2	246.1	279.5	287.6	297.5	282.1	284.5	276.3	285.7	r 300.4	284.7
Exports ... do	2.3	2.3	1.7	1.9	2.7	2.8	3.2	2.9	2.4	3.5	2.1	2.5	3.9	5.7	5.0	------
Imports ... do	79.0	92.0	78.6	110.1	115.7	122.0	105.7	89.8	90.6	89.3	51.9	71.4	66.4	53.1	99.6	------
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York) ... $ per lb.	.464	.417	.402	.420	.422	.426	.417	.404	.391	.398	.381	.378	.379	.372	.384	.408
Lamb and mutton:																
Production, inspected slaughter ... mil. lb.	57.9	55.6	44.6	55.0	55.7	57.4	67.3	52.5	53.2	63.9	49.6	52.5	53.6	48.2	48.3	------
Stocks, cold storage, end of month ... do	14.3	19.5	19.8	19.9	19.8	18.0	17.8	17.2	18.6	18.3	18.4	18.3	16.3	16.4	r 18.2	16.9
Pork (including lard), production, inspected slaughter ... mil. lb.	1,046.5	1,099.0	920.4	944.2	943.5	1,050.6	1,223.4	1,195.7	1,259.2	1,305.6	1,082.8	1,174.7	1,206.5	1,038.1	970.9	------
Pork (excluding lard):																
Production, inspected slaughter ... do	806.0	856.6	708.0	731.4	735.3	823.7	959.3	939.2	987.4	1,017.1	854.4	914.5	940.9	798.4	743.6	------
Stocks, cold storage, end of month ... do	235.9	279.2	322.5	274.0	220.0	210.4	208.9	250.2	276.7	332.8	382.3	411.2	473.6	468.8	r 412.9	325.0
Exports ... do	5.3	11.5	11.5	8.1	6.5	9.7	14.4	15.1	16.5	22.9	18.5	13.0	10.9	13.5	12.9	------
Imports ... do	17.0	17.6	14.5	20.0	14.3	14.8	19.1	16.2	18.6	16.7	14.8	19.7	16.3	18.0	17.0	------
Prices, wholesale:																
Hams, smoked, composite ... $ per lb.	[7] .491	.464	.458	.478	.488	.465	.463	.472	.480	.458	.457	.452	.435	.423	p .448	------
Fresh loins, 8-12 lb. average (New York) ... do	.475	.443	.470	.495	.498	.478	.461	.427	.417	.438	.413	.409	.401	.395	.461	.503
Lard:																
Production, inspected slaughter ... mil. lb.	175.3	176.4	155.3	155.0	151.3	165.1	191.3	187.1	198.4	209.4	173.0	189.1	193.0	175.7	165.7	------
Stocks, dry and cold storage, end of mo ... do	98.9	123.1	136.3	113.9	88.3	81.2	75.2	92.4	119.4	105.7	124.9	113.6	116.3	r 125.2	95.2	------
Exports ... do	35.2	44.8	24.2	52.4	64.8	53.2	47.6	35.2	32.7	62.7	52.3	51.6	72.8	51.9	91.1	------
Price, wholesale, refined (Chicago) ... $ per lb.	.125	.122	.115	.118	.125	.123	.131	.143	.125	.128	.131	.126	.130	.130	p .131	------

r Revised. p Preliminary.
[1] Crop estimate for the year. [2] Quarterly average.
[3] Old crop only; new grain not reported until beginning of new crop year (July for wheat).
[4] Beginning Jan. 1964, flour included in total is converted to grain equivalent on basis of 2.33 bu. of wheat to 100 lb. of flour (2.3 bu. formerly used).
[5] Average based on months for which quotations are available. [6] No quotation.
[7] Monthly average based on 11 months (Feb.–Dec.).
‡ Revised effective Jan. 1961 in accordance with the Standard International Trade Classification (SITC) grouping of items; this grouping excludes lard (included in former export series) and sausage casings (formerly included) but includes meat extracts, etc. (formerly excluded). Data for Jan. 1961–Aug. 1962 are available upon request. [a] Aug. 1 estimate of 1964 crop. [b] For 26 public markets. Comparable data for July 1963 are as follows (thous.): Cattle, etc., 1,154; hogs, 1,461; sheep, etc., 463.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
POULTRY AND EGGS																
Poultry:																
Slaughter (commercial production) ..... mil. lb.	578	604	555	641	701	735	833	688	636	552	459	494	541	569	611	.....
Stocks, cold storage (frozen), end of month, total mil. lb.	306	295	178	193	256	363	490	426	364	359	320	273	241	219	r 211	224
Turkeys ..... do	199	184	89	101	155	251	361	288	217	215	188	151	123	100	r 89	101
Price, in Georgia producing area, live broilers $ per lb.	.144	.138	.136	.137	.137	.130	.134	.138	.128	.139	.141	.140	.135	.130	.135	.145
Eggs:																
Production on farms ..... mil. cases⊙	14.5	[1] 14.6	14.8	14.6	r 14.2	r 13.6	14.3	14.2	14.7	14.8	14.4	16.0	15.7	16.0	15.0	14.9
Stocks, cold storage, end of month:																
Shell ..... thous. cases⊙	186	132	274	236	206	154	137	111	67	137	78	36	81	171	r 201	185
Frozen ..... mil. lb.	82	73	103	108	105	95	80	68	55	44	40	46	62	86	r 106	114
Price, wholesale, extras, large (delivered; Chicago) $ per doz.	.334	.343	.289	.321	.337	.395	.375	.376	.372	.387	.320	.326	.290	.276	.293	.326
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells) ..... thous. lg. tons	23.8	23.5	23.4	14.4	16.7	19.3	19.3	13.8	21.0	26.7	23.9	29.4	16.8	17.6	22.2	.....
Price, wholesale, Accra (New York) ..... $ per lb.	.208	.253	.256	.245	.245	.256	.276	.255	.261	.263	.233	.236	.220	.227	.224	p .235
Coffee (green):																
Inventories (roasters', importers', dealers'), end of quarter ..... thous. bags♂	[2] 3,355	[2] 3,922	3,435	.....	.....	4,008	.....	.....	4,726	.....	.....	r 4,366	.....	.....	4,216	.....
Roastings (green weight), quarterly total ..... do	[2] 5,669	[2] 5,704	5,357	.....	.....	5,074	.....	.....	6,306	.....	.....	r 6,645	.....	.....	5,016	.....
Imports, total ..... do	2,041	1,986	1,332	1,957	1,888	2,167	2,486	2,181	2,143	1,977	1,970	2,476	2,460	1,597	1,344	.....
From Brazil ..... do	758	772	520	790	745	908	949	1,026	982	718	591	1,006	843	302	399	.....
Price, wholesale, Santos, No. 4 (New York) $ per lb.	.344	.345	.342	.338	.335	.335	.353	.380	.380	.480	.465	.505	.500	.490	r .485	p .475
Confectionery, manufacturers' sales ..... mil. $	105	110	83	75	95	154	148	133	119	129	120	109	104	89	87	.....
Fish:																
Stocks, cold storage, end of month ..... mil. lb.	180	206	186	219	230	236	243	249	244	220	178	163	156	162	r 177	199
Sugar:																
Cuban stocks, raw, end of month thous. Spanish tons	1,424	r 947	1,684	r 1,158	550	465	275	175	25	130	625	1,345	1,835	1,695	1,370	1,380
United States:																
Deliveries and supply (raw basis):§																
Production and receipts:																
Production ..... thous. sh. tons	273	314	72	64	98	146	750	938	939	595	305	197	120	66	45	.....
Entries from off-shore, total♀ ..... do	550	540	404	451	516	230	424	241	124	1,213	224	371	348	399	723	628
Hawaii and Puerto Rico ..... do	166	159	203	246	179	98	150	94	56	78	108	228	223	216	244	224
Deliveries, total♀ ..... do	821	836	595	807	921	960	968	639	952	642	583	701	732	765	919	.....
For domestic consumption ..... do	813	832	592	799	917	958	967	637	950	641	582	700	731	764	918	.....
Stocks, raw and refined, end of month ..... do	1,599	1,675	1,542	1,504	1,273	1,023	1,273	1,920	2,487	2,579	2,581	2,533	2,341	2,185	1,866	p 1,496
Exports, raw and refined ..... sh. tons	259	342	145	486	186	154	209	1,127	352	585	785	571	367	407	396	.....
Imports:																
Raw sugar, total♀ ..... thous. sh. tons	359	359	465	419	404	383	351	214	423	163	92	226	205	340	293	.....
From Republic of the Philippines ..... do	102	91	139	118	133	101	90	9	94	68	11	89	42	127	77	.....
Refined sugar, total ..... do	25	14	16	8	5	[3] 42	19	19	14	2	2	1	3	1	5	.....
Prices (New York):																
Raw, wholesale ..... $ per lb.	.065	.081	.092	.077	.065	.073	.092	.095	.084	.095	.082	.073	.074	r .068	.066	p .062
Refined:																
Retail (incl. N.E. New Jersey) ..... $ per 5 lb.	.569	.688	.833	.803	.753	.681	.675	.750	.771	.769	.774	.737	.722	.696	.668	.....
Wholesale (excl. excise tax) ..... $ per lb.	.089	.111	.139	.121	.108	.099	.114	.127	.122	.125	.118	.112	.105	.102	.090	.....
Tea, imports ..... thous. lb.	10,808	10,503	7,155	9,493	7,717	11,011	13,439	10,571	8,851	10,823	10,627	12,377	13,982	11,552	10,409	.....
Baking or frying fats (incl. shortening):																
Production ..... mil. lb.	224.0	211.1	210.7	186.7	211.4	214.5	258.1	228.8	203.0	207.1	209.8	213.0	216.3	221.4	233.8	.....
Stocks (producers' and warehouse), end of month mil. lb.	173.5	132.3	132.0	115.5	112.0	103.7	103.4	104.2	119.3	114.2	113.4	113.9	116.5	122.1	131.1	.....
Salad or cooking oils:																
Production ..... do	211.0	191.0	195.7	197.2	190.5	183.9	187.5	177.0	183.2	175.6	199.9	211.4	201.0	r 207.4	235.1	.....
Stocks (producers' and warehouse), end of month mil. lb.	245.0	248.7	307.1	292.5	258.2	210.2	(4)	160.0	145.1	137.5	124.7	119.5	126.2	129.0	120.7	.....
Margarine:																
Production ..... do	143.8	145.4	125.9	125.2	136.7	148.6	161.3	147.9	163.1	181.4	159.4	159.8	150.2	138.4	134.3	.....
Stocks (producers' and warehouse), end of month mil. lb.	39.0	45.8	46.2	40.8	41.7	40.8	44.1	40.8	36.4	42.7	46.7	52.0	48.6	50.6	47.2	.....
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered) ..... $ per lb.	.256	.238	.238	.238	.238	.238	.238	.238	.238	.238	.238	.238	.238	.238	p .238	.....
FATS, OILS, AND RELATED PRODUCTS																
Animal and fish fats:△																
Tallow, edible:																
Production (quantities rendered) ..... mil. lb.	35.8	41.4	41.3	38.7	45.4	39.7	42.5	42.8	38.5	41.3	46.3	41.9	44.6	49.6	45.9	.....
Consumption in end products ..... do	30.7	33.6	36.5	35.9	39.5	35.9	36.5	37.7	28.8	30.2	37.2	37.3	39.2	42.0	40.4	.....
Stocks (factory and warehouse), end of month mil. lb.	25.7	41.3	49.1	47.4	39.1	33.9	29.8	29.0	35.6	35.7	36.4	37.4	38.5	38.7	37.8	.....
Tallow and grease (except wool), inedible:																
Production (quantities rendered) ..... do	287.8	317.2	312.3	309.2	330.5	304.5	350.3	327.3	319.9	363.3	336.4	335.3	366.0	361.0	351.3	.....
Consumption in end products ..... do	150.6	150.7	149.0	127.4	157.5	145.6	167.0	140.1	141.8	[5] 183.6	173.2	161.8	173.8	178.3	187.1	.....
Stocks (factory and warehouse), end of month mil. lb.	384.7	385.9	336.1	349.3	354.6	333.6	353.0	372.8	386.2	387.3	421.5	395.9	395.9	331.1	329.1	.....
Fish and marine mammal oils:																
Production‡ ..... do	21.3	15.3	28.0	29.4	34.2	19.8	14.2	10.0	6.1	.7	.2	.3	3.5	r 29.4	39.6	.....
Consumption in end products ..... do	8.2	7.4	7.6	8.4	7.0	7.0	8.1	7.2	6.5	6.5	6.9	6.9	7.6	r 6.8	6.9	.....
Stocks (factory and warehouse), end of month mil. lb.	144.0	[6] 166.5	184.7	165.0	176.5	181.5	159.0	[7] 197.1	[7] 168.4	[7] 129.8	110.5	99.4	95.5	r 113.2	124.0	.....

r Revised. p Preliminary. [1] Beginning Jan. 1963, includes data for Alaska and Hawaii. [2] Quarterly average. [3] Effective Sept. 1963, includes small amounts of refined sugar, tinctured, colored, or adulterated. [4] Not available. [5] Beginning Jan. 1964, data are not comparable with those for earlier periods; consumption for feed now based on renderers' shipments instead of feed mill reports. [6] Beginning March 1963, includes General Services Administration stocks no longer required for the strategic stockpile. [7] Includes a significant amount described as "contaminated."

⊙Cases of 30 dozen. ♂Bags of 132.276 lb.

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

△For data on lard, see p. S-28.

‡Revisions for Jan.-June 1962 appear in the Sept. 1963 SURVEY.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
FATS, OILS, AND RELATED PRODUCTS—Continued																
Vegetable oils and related products:																
Coconut oil:																
Production:																
Crude ..... mil. lb.	[1] 35.8	29.0	23.3	34.5	26.3	31.3	33.5	39.4	29.8	30.0	30.0	(2)	18.6	20.0	25.2	.....
Refined ..... do	44.3	46.2	49.9	46.1	50.1	45.3	47.1	44.5	41.5	41.2	41.6	41.1	48.4	41.9	38.0	.....
Consumption in end products ..... do	57.5	60.4	62.2	57.0	65.0	60.7	67.8	57.0	59.3	58.0	58.7	61.9	66.7	65.9	57.7	.....
Stocks, crude and refined (factory and warehouse), end of month ..... mil. lb.	243.4	227.4	210.9	227.9	215.3	225.0	219.5	209.3	195.9	193.4	196.5	185.5	166.0	158.2	153.8	.....
Imports ..... do	22.1	31.0	20.0	38.7	46.2	35.3	39.4	7.8	0	61.1	41.6	46.1	34.8	27.8	36.4	.....
Corn oil:																
Production:																
Crude ..... do	30.4	32.5	33.5	34.1	34.8	31.9	34.7	34.6	30.9	32.7	34.6	37.2	36.6	35.9	37.0	.....
Refined ..... do	29.3	30.3	29.0	30.1	26.8	31.5	30.0	32.2	34.2	30.1	28.6	34.7	30.0	27.7	34.3	.....
Consumption in end products‡ ..... do	26.8	27.5	24.8	23.3	28.9	29.5	31.6	28.0	32.2	33.3	34.5	33.0	31.7	r 30.9	33.0	.....
Stocks, crude and refined (factory and warehouse), end of month‡ ..... mil. lb.	49.1	58.2	59.8	63.1	61.6	63.1	62.9	67.4	64.8	62.4	60.5	60.3	63.9	62.6	63.8	.....
Cottonseed cake and meal:																
Production ..... thous. sh. tons	223.2	225.3	86.6	72.0	101.0	224.1	346.3	353.7	304.8	326.5	292.8	259.1	212.9	165.1	116.7	.....
Stocks (at oil mills), end of month ..... do	118.6	172.9	214.0	190.4	156.6	159.8	169.8	195.6	188.0	207.5	241.4	259.9	295.7	325.6	305.0	.....
Cottonseed oil:																
Production:																
Crude ..... mil. lb.	161.5	158.2	62.2	51.2	70.5	156.7	241.3	249.4	212.3	231.4	207.4	185.8	154.7	119.2	86.6	.....
Refined ..... do	132.4	131.1	80.0	52.3	57.4	98.9	166.1	174.2	171.9	158.2	137.1	146.7	151.9	137.2	117.2	.....
Consumption in end products ..... do	108.8	95.6	95.4	83.3	88.5	92.7	107.2	98.9	101.7	95.2	102.9	107.5	103.8	99.2	111.9	.....
Stocks, crude and refined (factory and warehouse), end of month ..... mil. lb.	419.6	598.4	561.5	513.7	465.6	487.5	554.7	637.4	685.6	739.8	803.7	801.6	810.2	769.2	701.6	.....
Exports (crude and refined)* ..... do	30.9	30.4	16.2	18.0	23.7	21.5	25.2	31.0	40.8	53.3	48.7	76.3	38.4	54.0	43.1	.....
Price, wholesale (drums; N.Y.) ..... $ per lb.	.167	.153	.154	.160	.150	.151	.154	.161	.146	.143	.141	.145	.149	.152	p .152	.....
Linseed oil:																
Production, crude (raw) ..... mil. lb.	31.8	33.3	39.8	8.1	25.9	37.4	41.1	34.9	32.1	35.3	33.6	33.5	31.5	39.3	40.8	.....
Consumption in end products ..... do	31.5	32.0	35.5	36.5	35.1	32.6	31.8	28.2	26.4	28.0	31.0	32.5	35.1	34.6	36.4	.....
Stocks, crude and refined (factory and warehouse), end of month ..... mil. lb.	111.8	116.7	130.7	99.3	92.5	92.2	103.9	109.4	111.8	124.4	132.0	132.9	131.6	137.6	139.4	.....
Price, wholesale (Minneapolis) ..... $ per lb.	.142	.127	.127	.127	.125	.123	.127	.128	.129	.133	.133	.133	.133	.133	p .133	.....
Soybean cake and meal:																
Production ..... thous. sh. tons	867.8	900.1	899.7	878.7	901.0	736.9	944.4	918.7	912.0	842.0	807.3	790.7	819.0	855.2	817.7	.....
Stocks (at oil mills), end of month § ..... do	86.5	127.3	140.6	115.3	146.7	145.1	147.7	165.1	159.5	152.4	162.4	157.2	139.9	167.6	121.6	.....
Soybean oil:																
Production:																
Crude ..... mil. lb.	407.4	421.1	422.2	413.6	426.9	345.9	442.1	426.2	425.4	388.6	376.2	368.9	385.6	398.7	380.0	.....
Refined ..... do	338.9	334.1	333.5	295.4	336.1	340.0	361.5	331.6	329.2	351.2	328.3	362.7	352.1	355.6	406.5	.....
Consumption in end products ..... do	340.7	318.3	307.8	302.7	303.9	320.5	348.9	317.3	316.1	336.6	330.9	353.3	344.8	r 342.3	366.1	.....
Stocks, crude and refined (factory and warehouse), end of month‡ ..... mil. lb.	803.9	[3] 865.2	878.2	921.2	923.1	919.8	(2)	898.9	987.9	1,022.4	1,006.4	991.4	922.3	r 873.3	819.1	.....
Exports (crude and refined)* ..... do	101.1	92.1	77.7	82.2	87.0	142.7	99.6	42.1	57.3	70.2	74.7	69.2	126.0	62.7	99.5	.....
Price, wholesale (refined; N.Y.) ..... $ per lb.	.133	.133	.134	.132	.124	.133	.133	.141	.127	.123	.122	.122	.121	.123	p .121	.....
TOBACCO																
Leaf:																
Production (crop estimate) ..... mil. lb.	[4] 2,315	[4] 2,337	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a] 2,16
Stocks, dealers' and manufacturers' end of quarter, total ..... mil. lb.	[5] 4,693	r[5] 4,929	4,645	.....	.....	4,749	.....	.....	5,248	.....	.....	5,310	.....	.....	4,906	.....
Exports, incl. scrap and stems ..... thous. lb.	39,073	42,124	40,891	33,215	40,033	64,827	76,548	59,291	56,370	36,901	36,307	23,529	29,667	31,307	44,084	.....
Imports, incl. scrap and stems ..... do	13,951	13,985	13,458	14,857	14,233	11,905	15,802	14,737	12,553	12,438	22,822	12,876	14,687	14,147	15,735	.....
Manufactured:																
Production (smoking, chewing, snuff) ..... do	14,066	13,953	13,860	12,576	15,019	14,759	16,604	13,017	11,947	15,068	16,150	16,937	16,701	14,647	.....	.....
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt ..... millions	3,422	3,424	3,266	3,347	3,867	3,173	3,740	3,561	3,360	3,344	3,234	3,216	3,144	3,126	.....	.....
Taxable ..... do	41,205	42,466	41,562	42,414	47,006	42,399	46,740	41,272	36,684	40,980	29,168	37,854	43,686	41,714	.....	.....
Cigars (large), taxable ..... do	530	547	509	566	606	555	652	648	407	594	622	682	670	731	.....	.....
Manufactured tobacco, taxable ..... thous. lb.	13,770	13,702	13,071	13,012	14,810	14,382	15,838	12,858	12,440	14,863	15,550	16,214	16,028	14,231	.....	.....
Exports, cigarettes ..... millions	2,007	1,968	1,929	1,990	2,448	1,656	2,124	2,047	1,964	1,843	1,702	2,107	1,862	1,896	2,046	.....
LEATHER AND PRODUCTS																
HIDES AND SKINS																
Exports:																
Value, total♀ ..... thous. $	6,909	6,215	5,249	5,726	6,609	5,861	7,124	7,256	5,711	6,525	6,779	6,385	7,088	8,620	8,252	.....
Calf and kip skins ..... thous. skins	171	155	139	117	147	136	190	206	203	255	233	245	213	239	151	.....
Cattle hides ..... thous. hides	593	664	539	622	756	661	919	843	659	787	904	778	882	1,072	987	.....
Imports:																
Value, total♀ ..... thous. $	5,539	5,253	4,887	6,692	4,809	4,948	4,320	3,905	4,212	5,223	7,122	8,456	8,111	8,519	8,242	.....
Sheep and lamb skins ..... thous. pieces	2,290	2,192	1,608	3,709	1,723	[6] 1,923	1,249	781	1,361	[7] 1,031	3,254	4,370	3,380	3,615	2,732	.....
Goat and kid skins ..... do	1,198	1,231	1,127	1,275	1,346	1,211	1,250	1,000	1,150	1,360	1,113	1,099	1,323	1,650	1,134	.....
Prices, wholesale (f.o.b. shipping point):																
Calfskins, packer, heavy, 9½/15 lb. ..... $ per lb.	p .623	p .365	.350	.350	.350	.300	.275	.300	.325	.325	.325	.325	.400	r .438	p 431	.....
Hides, steer, heavy, native, over 53 lb. ..... do	p .152	p .111	.108	.113	.108	.103	.110	.110	.090	.083	.078	.083	.113	.098	p 105	.....
LEATHER																
Production:																
Calf and whole kip ..... thous. skins	498	466	483	424	485	403	532	453	471	386	414	484	525	601	.....	.....
Cattle hide and side kip ..... thous. hides and kips	1,877	1,804	1,765	1,588	1,802	1,774	2,039	1,793	1,798	1,844	1,790	1,835	1,993	1,989	.....	.....
Goat and kid ..... thous. skins	1,184	1,182	1,366	1,141	862	1,064	1,258	1,137	1,212	1,325	1,047	1,059	1,171	1,132	.....	.....
Sheep and lamb ..... do	2,527	2,864	3,007	2,367	3,234	2,833	3,128	2,906	2,693	2,552	2,727	2,731	2,813	3,018	.....	.....
Exports:																
Glove and garment leather ..... thous. sq. ft.	3,502	4,640	4,236	3,272	5,548	4,252	5,493	4,763	4,863	5,273	4,522	4,950	4,293	4,562	3,443	.....
Upper and lining leather ..... do	3,019	3,423	2,966	2,573	3,860	2,955	4,436	3,984	4,968	4,393	4,051	4,486	3,809	3,627	3,762	.....
Prices, wholesale:																
Sole, bends, light, f.o.b. tannery ..... $ per lb.	p .711	p .678	.687	.687	.660	.657	.657	.657	.657	.650	.650	.647	.657	.657	p .657	.....
Upper, chrome calf, B and C grades, f.o.b. tannery ..... $ per sq. ft.	p 1.326	p 1.151	1.173	1.170	1.140	1.133	1.097	1.103	1.137	1.143	1.137	1.137	1.133	1.138	p 1.138	.....

r Revised. p Preliminary. [1] Average based on reported annual total. [2] Not available. [3] Average based on months for which data are available. [4] Crop estimate for the year. [5] Quarterly average. [6] Effective Sept. 1963, data reflect minor changes in coverage to conform with "Tariff Schedules of the United States." [7] Effective Jan. 1964, data exclude items presently reported in lbs. instead of pieces. [a] Aug. 1 estimate of the 1964 crop.

‡Revisions for 1962 appear in the Sept. 1963 SURVEY.

*New series. Data prior to Sept. 1962 may be obtained from Bureau of Census reports.

§ Monthly averages for 1951-56, published in 1963 edition of BUSINESS STATISTICS should read as follows (thous. sh. tons): 1951-56, respectively—95.3; 60.1; 119.1; 127.4; 78.7; 138.5. Corresponding data in 1961 edition of BUSINESS STATISTICS should read (mil. lb.): 1951-56, respectively—190.6; 120.3; 238.2; 254.9; 157.3; 276.9.

♀ Includes data for items not shown separately.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
LEATHER AND PRODUCTS—Continued																
LEATHER MANUFACTURES																
Shoes and slippers:																
Production, total‡ ..... thous. pairs	49,803	49,284	44,635	44,848	55,670	50,132	53,809	44,671	45,258	51,556	50,033	52,314	49,205	47,795	.....	.....
Shoes, sandals, and play shoes, except athletic ..... thous. pairs	42,033	42,157	37,997	38,430	46,686	40,486	42,784	35,992	39,932	46,689	44,634	46,250	42,217	40,325	.....	.....
Slippers for housewear ..... do	6,603	5,918	5,401	5,368	7,526	8,087	9,212	7,357	4,109	3,882	4,614	5,107	5,969	6,390	.....	.....
Athletic ..... do	583	502	558	377	495	486	500	438	412	397	390	439	443	354	.....	.....
Other footwear ..... do	584	707	679	673	963	1,073	1,313	884	805	588	395	518	576	726	.....	.....
Exports ..... do	177	170	145	136	182	190	205	208	132	115	156	210	174	194	243	.....
Prices, wholesale, f.o.b. factory:																
Men's and boys' oxfords, dress, elk or side upper, Goodyear welt ..... 1957-59=100	105.6	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	.....
Women's oxfords, elk side upper, Goodyear welt ..... 1957-59=100	107.8	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	.....
Women's pumps, low-medium quality ..... do	111.2	110.7	110.6	111.1	111.3	111.1	111.3	110.6	110.9	111.2	110.6	110.6	110.8	110.9	110.9	.....
LUMBER AND PRODUCTS																
LUMBER—ALL TYPES																
National Lumber Manufacturers Association:♂⊙																
Production, total ..... mil. bd. ft.	2,764	2,882	2,835	2,743	3,145	3,115	3,244	2,798	2,559	2,701	2,817	3,054	2,999	2,953	3,041	.....
Hardwoods ..... do	530	581	619	554	588	609	617	600	501	501	524	493	482	465	539	.....
Softwoods ..... do	2,234	2,301	2,216	2,189	2,557	2,506	2,627	2,198	2,058	2,200	2,293	2,561	2,517	2,488	2,502	.....
Shipments, total ..... do	2,777	2,866	2,923	2,939	3,100	2,903	3,054	2,707	2,579	2,686	2,945	3,082	3,129	3,041	3,121	.....
Hardwoods ..... do	525	564	564	520	567	562	592	579	516	514	548	547	537	524	535	.....
Softwoods ..... do	2,252	2,303	2,359	2,419	2,533	2,341	2,462	2,128	2,063	2,172	2,397	2,535	2,592	2,517	2,586	.....
Stocks (gross), mill, end of month, total ..... do	6,346	6,504	6,419	6,243	6,312	6,454	6,493	6,555	6,541	6,594	6,472	6,461	6,386	6,310	6,226	.....
Hardwoods ..... do	1,529	1,842	1,830	1,866	1,887	1,914	1,964	1,987	1,971	1,957	1,930	1,871	1,810	1,747	1,752	.....
Softwoods ..... do	4,817	4,662	4,589	4,377	4,425	4,540	4,529	4,568	4,570	4,637	4,542	4,590	4,576	4,563	4,474	.....
Exports, total sawmill products ..... do	63	73	60	77	76	77	84	82	84	70	68	97	72	90	77	.....
Imports, total sawmill products ..... do	408	[1] 445	516	616	576	[1] 457	469	381	364	[c] 281	[c] 391	455	475	445	576	.....
SOFTWOODS♂⊙																
Douglas fir:																
Orders, new ..... mil. bd. ft.	680	679	664	609	618	719	800	649	665	842	738	694	731	705	735	.....
Orders, unfilled, end of month ..... do	496	538	554	521	450	491	520	528	535	671	721	637	594	558	520	.....
Production ..... do	665	671	595	542	692	700	745	666	638	761	708	771	798	756	770	.....
Shipments ..... do	673	676	651	643	689	677	772	641	659	706	688	778	773	741	773	.....
Stocks (gross), mill, end of month ..... do	991	969	974	882	894	925	878	923	903	984	1,004	997	1,056	1,048	1,045	.....
Exports, total sawmill products ..... do	26	31	22	30	31	26	34	37	37	28	27	38	27	41	29	.....
Sawed timber ..... do	10	12	8	9	11	10	15	14	18	11	12	14	10	18	20	.....
Boards, planks, scantlings, etc. ..... do	17	19	14	21	21	16	20	23	19	17	15	24	17	23	9	.....
Prices, wholesale:																
Dimension, construction, dried, 2" x 4", R. L. ..... $ per M bd. ft.	78.65	79.92	80.84	86.00	85.90	79.86	77.96	77.73	77.96	78.20	81.43	[r] 82.01	83.10	[r] 82.99	[p] 82.01	.....
Flooring, C and better, F. G., 1" x 4", R. L. ..... $ per M bd. ft.	122.52	134.22	131.74	136.04	138.45	136.72	137.67	139.77	141.38	142.46	150.02	152.42	151.90	[r] 153.45	[p] 153.45	.....
Southern pine:																
Orders, new ..... mil. bd. ft.	478	491	496	541	523	486	562	483	379	447	466	528	557	536	550	.....
Orders, unfilled, end of month ..... do	255	280	312	305	279	269	279	264	256	259	270	289	306	294	284	.....
Production ..... do	478	484	478	511	518	503	545	484	411	475	476	520	534	517	525	.....
Shipments ..... do	475	488	493	548	549	496	552	498	387	444	455	509	540	548	560	.....
Stocks (gross), mill and concentration yards, end of month ..... mil. bd. ft.	1,366	1,380	1,395	1,358	1,327	1,334	1,327	1,313	1,337	1,368	1,389	1,400	1,394	1,363	1,328	.....
Exports, total sawmill products ..... M bd. ft.	6,325	6,414	5,334	5,926	7,174	4,681	7,676	8,210	7,955	6,603	6,391	10,643	8,694	16,050	9,692	.....
Sawed timber ..... do	1,571	832	534	987	675	397	833	1,225	1,300	747	902	1,011	788	847	1,521	.....
Boards, planks, scantlings, etc. ..... do	4,754	5,583	4,800	4,939	6,499	4,284	6,843	6,985	6,655	5,856	5,489	9,632	7,906	9,203	8,171	.....
Prices, wholesale, (indexes):																
Boards, No. 2 and better, 1" x 6", R. L. ..... 1957-59=100	93.1	92.5	92.9	93.9	94.3	94.0	92.8	93.0	92.8	92.7	92.8	92.6	92.7	93.2	92.7	.....
Flooring, B and better, F. G., 1" x 4", S. L. ..... 1957-59=100	94.6	95.2	95.3	95.5	95.7	96.0	95.6	95.6	95.6	95.6	95.4	95.4	95.4	95.4	95.1	.....
Western pine:																
Orders, new ..... mil. bd. ft.	800	849	910	942	892	866	1,002	730	759	891	937	876	894	837	914	.....
Orders, unfilled, end of month ..... do	416	383	417	435	356	347	384	352	347	503	501	496	484	437	458	.....
Production ..... do	789	841	835	866	1,006	977	992	772	749	682	806	930	851	893	875	.....
Shipments ..... do	797	839	894	924	971	875	837	762	764	735	939	881	906	884	893	.....
Stocks (gross), mill, end of month ..... do	1,679	1,657	1,577	1,519	1,554	1,656	1,683	1,693	1,678	1,625	1,492	1,541	1,485	1,494	1,476	.....
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R. L. (6' and over) ..... $ per M bd. ft.	67.43	67.42	69.06	70.79	72.16	70.56	65.96	64.62	63.50	63.07	63.67	66.45	68.05	[r] 69.92	[p] 69.04	.....
HARDWOOD FLOORING																
Flooring:																
Maple, beech, and birch:																
Orders, new ..... mil. bd. ft.	3.1	2.9	3.5	2.8	3.1	2.0	3.2	2.1	2.2	2.6	2.8	3.0	3.1	2.8	3.1	.....
Orders, unfilled, end of month ..... do	10.5	10.8	11.4	10.5	10.2	10.0	10.6	10.4	10.5	10.8	11.6	12.4	12.5	12.5	12.2	.....
Production ..... do	2.7	2.8	2.5	2.7	3.3	2.8	3.3	2.5	2.6	2.6	2.2	2.3	3.0	2.7	2.9	.....
Shipments ..... do	2.9	2.7	3.4	3.4	3.3	2.4	2.6	2.4	1.9	2.2	1.9	2.4	2.7	2.6	3.4	.....
Stocks (gross), mill, end of month ..... do	7.9	6.5	6.2	5.5	5.4	5.8	6.6	6.6	7.1	7.6	7.9	7.8	7.9	7.9	7.3	.....
Oak:																
Orders, new ..... do	65.7	68.3	68.4	72.9	75.5	64.9	72.8	55.1	51.0	75.7	84.2	74.7	69.4	58.1	62.5	.....
Orders, unfilled, end of month ..... do	42.8	45.2	49.6	48.1	47.5	44.9	40.4	34.7	36.9	44.7	63.6	68.6	62.3	54.1	48.5	.....
Production ..... do	65.0	69.3	70.0	72.2	75.3	69.4	79.9	68.3	62.8	72.7	65.2	71.2	73.2	70.3	72.1	.....
Shipments ..... do	65.9	69.1	74.5	74.4	76.1	68.6	77.5	64.7	56.4	64.4	65.2	73.2	72.3	68.1	70.4	.....
Stocks (gross), mill, end of month ..... do	75.2	43.6	40.2	38.0	37.2	38.7	39.7	41.2	46.6	55.0	55.0	52.5	53.4	54.4	53.1	.....

[r] Revised. [p] Preliminary. [c] Corrected. [1] Beginning Sept. 1963, data exclude small amounts formerly included.

‡Revisions by months for 1961-Sept. 1962 are shown in Bu. of Census report M31A(62)-13.

♂Revisions by months for 1961-Oct. 1962 for production, shipments, and orders will be shown later; those for 1951-62 for stocks appear on p. 28 of the Jan. 1964 SURVEY. ⊙Beginning Jan. 1961, data for Alaska included in pertinent items.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
METALS AND MANUFACTURES																
IRON AND STEEL																
Exports:																
Steel mill products ..... thous. sh. tons	168	182	169	195	178	162	212	207	230	226	212	235	218	256	300	----
Scrap ..... do	426	530	589	698	748	640	552	428	564	580	557	744	708	770	679	----
Pig iron* ..... do	13	6	2	3	2	1	8	5	6	4	3	(1)	14	34	39	----
Imports:																
Steel mill products ¶ ..... do	342	454	467	599	547	471	549	516	402	481	428	474	495	544	604	----
Scrap ¶ ..... do	22	19	28	12	14	13	15	16	29	27	26	23	16	17	31	----
Pig iron* ..... do	42	55	94	42	61	89	111	80	51	29	36	21	29	78	99	----
Iron and Steel Scrap																
Production and receipts, total ..... thous. sh. tons	5,494	6,168	6,858	5,958	5,511	5,494	6,186	5,898	5,873	----	----	----	----	----	----	----
Home scrap produced ..... do	3,387	3,715	4,168	3,732	3,404	3,363	3,670	3,513	3,535	----	----	----	----	----	----	----
Purchased scrap received (net) ..... do	2,107	2,453	2,690	2,227	2,107	2,131	2,516	2,385	2,337	----	----	----	----	----	----	----
Consumption, total ..... do	5,513	6,218	6,867	5,681	5,425	5,573	6,197	5,971	5,944	----	----	----	----	----	----	----
Stocks, consumers', end of mo. ..... do	8,844	7,977	7,731	8,011	8,097	8,013	8,002	7,962	7,937	----	----	----	----	----	----	----
Prices, steel scrap, No. 1 heavy melting:																
Composite (5 markets) ..... $ per lg. ton	28.12	26.78	26.20	25.69	26.56	26.89	27.22	27.02	27.24	28.94	28.63	28.85	30.36	r 30.62	p 31.90	----
Pittsburgh district ..... do	29.00	27.00	25.00	25.00	25.00	26.00	26.00	25.00	26.00	29.00	29.00	31.00	32.00	33.50	p 34.50	----
Ore																
Iron ore (operations in all U.S. districts):																
Mine production ..... thous. lg. tons	6,050	6,063	9,019	8,933	8,865	8,573	7,318	3,876	3,543	4,067	4,088	4,167	5,731	8,918	----	----
Shipments from mines ..... do	5,859	6,157	10,588	10,704	10,587	9,718	9,141	5,997	1,846	1,406	1,446	1,598	4,156	7,867	----	----
Imports ..... do	2,786	2,791	3,725	4,071	4,220	3,369	4,064	2,980	1,940	1,693	1,667	2,017	2,403	3,451	4,752	----
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants ..... do	8,121	8,458	r 13,199	13,070	13,375	12,535	12,386	8,932	4,052	2,710	3,225	3,491	7,323	13,432	14,029	----
Consumption at iron and steel plants ..... do	8,041	8,669	r 10,028	8,758	7,548	7,516	8,010	8,033	8,458	9,113	8,867	9,764	9,801	10,558	10,019	----
Exports ..... do	491	568	949	1,258	1,095	711	715	428	341	255	211	195	347	621	719	----
Stocks, total, end of mo. ..... do	75,737	r 74,176	r 68,952	r 71,536	r 75,699	r 79,638	81,194	80,030	77,325	73,141	69,936	65,816	64,486	68,164	----	----
At mines ..... do	14,657	15,428	19,002	17,226	15,505	14,359	11,391	9,237	10,934	13,224	15,866	18,380	19,947	20,999	----	----
At furnace yards ..... do	r 55,289	r 53,376	r 45,016	r 49,329	r 55,155	r 60,174	64,550	65,450	61,044	54,644	49,002	42,729	40,250	43,124	47,134	----
At U.S. docks ..... do	5,787	5,372	4,934	4,981	5,039	5,105	5,253	5,343	5,347	5,273	5,068	4,707	4,289	4,041	4,012	----
Manganese (mn. content), general imports¶ ..... do	79	84	105	70	108	135	67	88	46	71	54	62	105	53	110	----
Pig Iron and Iron Products																
Pig iron:																
Production (excl. blast furnace production of ferroalloys) ..... thous. sh. tons	5,477	5,993	6,940	5,989	5,278	5,174	5,525	5,565	5,897	6,291	6,199	6,910	6,973	7,435	7,076	----
Consumption ..... do	5,550	6,057	6,990	5,909	5,270	5,224	5,603	5,587	5,949	----	----	----	----	----	----	----
Stocks (consumers' and suppliers'), end of mo. ..... thous. sh. tons	3,178	2,814	2,669	2,782	2,804	2,811	2,813	2,827	2,806	----	----	----	----	----	----	----
Prices:																
Composite ..... $ per lg. ton	65.46	62.87	62.95	62.95	62.75	62.75	62.75	62.75	62.75	62.75	62.75	62.75	62.75	62.75	62.75	62.75
Basic (furnace) ..... do	65.50	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	p 63.00	----
Foundry, No. 2, Northern ..... do	66.00	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	p 63.50	----
Castings, gray iron:																
Orders, unfilled, for sale, end of mo. ..... thous. sh. tons	680	783	819	806	805	805	758	692	719	806	759	816	837	859	----	----
Shipments, total ..... do	963	1,064	1,146	1,003	985	1,037	1,194	1,049	1,014	1,068	1,095	1,229	1,264	1,227	----	----
For sale ..... do	527	591	646	578	608	598	673	575	534	546	564	687	699	678	----	----
Castings, malleable iron:																
Orders, unfilled, for sale, end of mo. ..... thous. sh. tons	73	81	77	82	82	82	78	80	88	91	91	94	93	92	----	----
Shipments, total ..... do	72	78	78	68	68	74	87	78	79	84	83	88	93	95	----	----
For sale ..... do	42	44	44	37	40	42	50	42	42	49	44	48	52	54	----	----
Steel, Crude, Semifinished, and Finished																
Steel ingots and steel for castings:																
Production ..... thous. sh. tons	8,194	9,105	10,365	8,654	7,782	7,858	8,483	8,488	8,753	9,515	9,474	10,485	10,549	11,048	10,173	p 10,100
Index ..... 1957-59=100	101.2	112.5	129.8	104.9	94.3	98.4	102.8	106.3	106.1	115.3	122.8	127.1	132.1	133.9	127.4	p 122.4
Steel castings:																
Orders, unfilled, for sale, end of mo. ..... thous. sh. tons	183	219	201	217	216	219	225	255	262	312	333	345	331	324	----	----
Shipments, total ..... do	119	125	131	105	119	121	135	126	133	145	141	157	162	154	----	----
For sale, total ..... do	93	100	105	86	95	97	107	101	107	117	114	129	132	126	----	----
Steel forgings (for sale):																
Orders, unfilled, end of mo. ..... do	308	306	297	306	310	298	306	311	312	320	322	r 328	334	331	----	----
Shipments, total ..... do	113	116	118	96	105	115	123	111	114	139	121	138	137	131	----	----
Drop and upset ..... do	86	88	87	74	78	91	95	84	88	111	93	107	107	101	----	----
Steel products, net shipments:																
Total (all grades) ..... do	5,879	6,296	7,375	6,460	5,895	5,455	5,927	5,617	5,540	6,475	6,239	7,124	7,359	7,271	7,065	----
Semifinished products ..... do	231	263	316	237	206	212	266	285	252	281	311	394	333	344	385	----
Structural shapes (heavy), steel piling ..... do	395	443	479	451	456	417	464	428	420	422	405	468	509	543	503	----
Plates ..... do	522	603	652	636	579	587	614	608	588	614	613	679	737	699	679	----
Rails and accessories ..... do	86	92	111	84	91	90	70	74	92	109	120	141	143	129	129	----
Bars and tool steel, total ..... do	916	972	1,136	966	910	848	948	969	853	977	916	1,095	1,140	1,145	1,113	----
Bars: Hot rolled (incl. light shapes) ..... do	597	631	743	584	536	490	580	584	579	680	621	702	722	734	686	----
Reinforcing ..... do	199	224	256	279	269	260	258	220	167	169	172	262	283	281	295	----
Cold finished ..... do	112	110	129	97	97	90	103	97	99	120	114	123	126	122	124	----
Pipe and tubing ..... do	592	587	724	699	631	569	605	468	442	504	545	665	759	721	752	----
Wire and wire products ..... do	259	262	302	255	250	244	263	221	192	221	226	276	299	299	297	----
Tin mill products ..... do	505	488	560	533	541	405	404	352	323	563	494	545	556	553	544	----
Sheets and strip (incl. electrical), total ..... do	2,373	2,587	3,094	2,599	2,232	2,084	2,293	2,272	2,378	2,786	2,608	2,860	2,884	2,838	2,663	----
Sheets: Hot rolled ..... do	646	735	891	708	582	571	655	672	685	833	777	878	843	834	750	----
Cold rolled ..... do	1,126	1,209	1,455	1,213	995	898	1,019	1,044	1,149	1,316	1,211	1,320	1,327	1,311	1,208	----
Steel mill products, inventories, end of mo.:†																
Consumers (manufacturers only) ..... mil. sh. tons	10.3	10.0	11.2	11.9	11.6	10.9	10.0	9.5	9.3	9.4	9.4	9.4	9.3	9.2	p 9.1	----
Receipts during month ..... do	4.4	4.8	5.9	4.9	4.1	4.0	4.5	4.3	4.6	5.2	4.8	5.3	5.3	r 5.1	p 5.2	----
Consumption during month ..... do	4.4	4.7	4.9	4.2	4.4	4.7	5.4	4.8	4.8	5.1	4.8	5.3	5.4	r 5.2	p 5.3	----
Warehouses (service centers) ..... do	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.4	3.6	r 3.6	p 3.6	----
Producing mills:																
In process (ingots, semifinished, etc.) ..... do	7.2	7.4	7.5	7.3	7.2	7.4	7.3	7.4	7.8	7.8	8.0	8.0	7.9	r 8.4	p 8.4	----
Finished (sheets, plates, bars, pipe, etc.) ..... do	6.9	7.1	7.4	7.2	6.8	6.8	6.7	6.9	7.2	7.2	7.3	7.6	7.6	7.6	p 7.7	----
Steel (carbon), finished, composite price ..... $ per lb	.0698	.0705	.0704	.0704	.0704	.0704	.0714	.0715	.0715	.0715	.0715	.0715	.0715	.0715	.0715	.0715

r Revised. p Preliminary. [1] Less than 500 tons.
*New series. Monthly data back to 1953 are available.
¶ Beginning Sept. 1963, imports statistics reflect adoption of the U.S. Tariff Schedules; these data may not be strictly comparable with figures shown for prior months.

†Effective with the Oct. 1963 SURVEY, data for steel consumers (manufacturers only) reflect recalculated estimates based on the use of quantity coverage factors (derived from the 1958 Census of Manufactures); previously published data were based on cost coverage factors. Revisions back to Oct. 1961 appear in the Oct. 1963 SURVEY.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
METALS AND MANUFACTURES—Continued																
IRON AND STEEL—Continued																
Steel, Manufactured Products																
Fabricated structural steel:																
Orders, new (net) ..... thous. sh. tons	302	336	345	302	350	289	322	262	440	356	247	384	387	368	478	--------
Shipments ..... do	322	341	360	370	411	371	411	324	321	310	304	355	360	377	412	--------
Backlog, end of year or mo ..... do	2,624	2,322	2,396	2,458	2,323	2,297	2,260	2,238	2,322	2,306	2,270	2,313	2,276	2,261	2,300	--------
Barrels and drums, steel, heavy types (for sale):																
Orders, unfilled, end of mo ..... thous	1,404	1,273	1,354	1,322	1,274	1,281	1,233	1,107	1,119	1,184	1,202	1,389	1,379	1,334	--------	--------
Shipments ..... do	1,947	1,922	1,863	1,999	2,058	1,956	1,994	1,702	1,603	1,858	1,812	1,955	2,108	1,960	--------	--------
Cans (tinplate), shipments (metal consumed), total for sale and own use⊙ ..... thous. sh. tons	400	381	403	458	514	459	425	299	288	342	293	340	383	380	--------	--------
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores) ..... thous. sh. tons	176.5	192.7	192.5	201.4	203.1	197.4	205.1	201.1	209.1	212.0	200.2	214.2	208.3	214.6	203.7	--------
Estimated recovery from scrap ..... do	[1] 33.2	63.0	63.0	58.0	67.0	66.0	71.0	63.0	73.0	68.0	67.0	72.0	69.0	63.0	--------	--------
Imports (general):																
Metal and alloys, crude ..... do	25.6	34.7	47.4	53.9	40.5	38.2	34.5	36.9	36.1	34.3	28.8	36.5	35.2	35.6	36.8	--------
Plates, sheets, etc ..... do	4.9	3.4	2.8	4.1	3.5	3.5	4.0	4.1	3.9	4.6	4.3	4.1	4.9	4.1	4.6	--------
Exports, metal and alloys, crude ..... do	12.6	13.8	12.6	16.0	13.6	13.0	13.2	12.6	11.9	16.8	13.0	15.9	20.0	20.4	17.2	--------
Stocks, primary (at reduction plants), end of mo. ..... thous. sh. tons	153.1	105.6	83.3	85.7	94.5	93.8	96.9	110.7	99.0	108.0	107.8	106.0	93.3	99.5	87.0	--------
Price, primary ingot, 99.5% min ..... $ per lb	.2388	.2262	.2250	.2250	.2250	.2250	.2298	.2300	.2300	.2300	.2300	.2343	.2350	.2350	.2383	.2383
Aluminum shipments:																
Ingot and mill products (net)△ ..... mil. lb	464.3	526.7	526.0	526.4	552.9	535.6	584.6	489.8	523.7	546.3	532.7	647.7	r 613.7	600.5	--------	--------
Mill products, total ..... do	317.6	355.2	359.7	362.1	377.7	345.8	423.7	324.8	328.6	362.3	357.1	433.8	r 417.4	401.7	--------	--------
Plate and sheet (excl. foil) ..... do	142.6	166.9	172.2	175.1	179.7	161.3	210.0	144.4	145.0	170.9	170.1	225.3	193.9	194.3	--------	--------
Castings ..... do	77.2	79.4	78.5	65.1	75.5	77.0	85.0	79.8	79.3	90.7	84.2	88.5	r 90.1	85.9	--------	--------
Copper:																
Production:																
Mine, recoverable copper‡ ..... thous. sh. tons	102.4	100.8	92.9	86.1	96.8	99.1	109.8	106.3	107.0	107.3	107.4	112.3	111.9	r 115.4	113.8	--------
Refinery, primary ..... do	134.3	133.0	138.9	135.5	134.9	129.0	138.0	131.8	141.3	140.4	147.1	145.0	144.9	147.9	153.4	--------
From domestic ores ..... do	101.2	101.6	102.4	101.7	98.6	95.1	103.5	103.7	106.3	103.4	109.8	109.6	113.3	111.7	116.7	--------
From foreign ores ..... do	33.1	31.4	36.5	33.8	36.3	33.9	34.5	28.1	35.0	37.0	37.3	35.4	31.6	36.2	37.3	--------
Secondary, recovered as refined ..... do	22.7	24.0	24.4	17.7	23.3	24.9	25.8	23.3	23.7	24.1	22.4	29.4	27.0	27.0	28.5	--------
Imports (general):																
Refined, unrefined, scrap⊕¶ ..... do	40.1	45.1	46.2	41.3	55.1	70.8	51.7	33.0	54.0	45.9	35.4	60.0	42.1	50.6	48.0	--------
Refined ..... do	8.2	9.9	9.6	11.0	17.2	13.3	12.2	11.8	7.4	8.9	11.3	10.3	10.9	10.7	11.4	--------
Exports:																
Refined, scrap, brass and bronze ingots ..... do	32.1	30.0	32.0	27.6	37.5	29.5	29.5	30.0	39.7	34.3	31.4	33.2	33.6	33.4	33.4	--------
Refined ..... do	28.0	26.0	28.9	22.7	33.0	25.3	25.6	26.4	33.9	29.5	26.6	25.4	28.2	25.9	25.7	--------
Consumption, refined (by mills, etc.) ..... do	134.2	146.2	155.4	109.2	144.4	142.0	163.7	147.5	140.7	150.7	152.0	162.2	p 163.8	p 163.9	p 181.8	--------
Stocks, refined, end of mo., total ..... do	177.5	175.4	153.3	197.2	183.8	173.8	154.7	150.3	145.3	135.0	140.4	140.7	p 135.9	p 132.9	p 125.6	--------
Fabricators' ..... do	102.0	96.0	87.6	119.2	115.1	103.0	80.1	75.9	82.8	80.9	90.9	88.8	p 88.2	r 86.4	p 93.2	--------
Price, bars, electrolytic (N.Y.) ..... $ per lb	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3112	.3160	.3160	.3160	.3160
Copper-base mill and foundry products, shipments (quarterly avg. or total):																
Copper mill (brass mill) products ..... mil. lb	589	616	669	--------	--------	578	--------	--------	623	--------	--------	690	--------	--------	730	--------
Copper wire mill products⊕ ..... do	409	428	445	--------	--------	398	--------	--------	454	--------	--------	467	--------	--------	519	--------
Brass and bronze foundry products ..... do	229	239	239	--------	--------	234	--------	--------	249	--------	--------	259	--------	--------	260	--------
Lead:																
Production:																
Mine, recoverable lead‡ ..... thous. sh. tons	19.7	r 21.1	22.3	23.6	24.5	22.2	24.7	22.6	22.6	24.8	22.7	24.3	r 24.0	23.3	24.1	--------
Secondary, recovered from scrap⊕ ..... do	37.0	39.7	38.1	33.6	39.8	40.5	47.0	43.7	37.4	39.9	39.6	42.6	42.3	45.9	--------	--------
Imports (general), ore⊕, metal¶ ..... do	33.4	31.3	34.1	31.9	24.8	31.5	32.1	38.1	33.1	32.4	37.7	31.2	26.0	26.4	32.1	--------
Consumption, total‡ ..... do	92.5	96.9	93.4	85.0	92.7	93.5	108.6	101.9	100.7	105.4	93.7	92.1	97.4	96.7	--------	--------
Stocks, end of year or mo.:																
Producers', ore, base bullion, and in process⊕ (ABMS) ..... thous. sh. tons	91.0	110.2	90.6	98.8	97.0	105.3	111.1	112.2	110.2	109.5	117.4	111.5	109.2	r 97.7	--------	--------
Refiners' (primary), refined and antimonial (lead content) ..... thous. sh. tons	142.5	56.9	101.0	94.5	85.3	80.4	72.0	64.2	56.9	47.3	45.2	45.6	40.6	30.1	--------	--------
Consumers'♂ ..... do	93.5	115.5	95.7	101.8	104.3	109.4	108.5	111.5	115.5	111.2	111.4	118.6	120.3	117.7	--------	--------
Scrap (lead-base, purchased), all smelters ..... thous. sh. tons	46.1	62.7	45.9	52.6	54.8	57.0	57.3	55.7	62.7	67.2	71.9	72.8	70.8	67.4	--------	--------
Price, common grade (N.Y.) ..... $ per lb	.0963	.1114	.1071	.1107	.1135	.1163	.1194	.1215	.1250	.1298	.1300	.1300	.1300	.1300	.1300	.1300
Tin:																
Imports (for consumption):																
Ore⊕ ..... lg. tons	447	211	3	0	339	259	627	989	265	1,249	1,705	738	2,046	313	301	--------
Bars, pigs, etc. ..... do	3,422	3,596	4,384	3,451	4,081	2,327	3,546	3,080	3,109	3,227	2,378	3,146	2,227	2,272	2,530	--------
Estimated recovery from scrap, total⊕ ..... do	1,750	1,861	1,895	1,565	1,690	1,760	1,925	1,990	1,765	1,770	2,020	2,025	1,985	--------	--------	--------
As metal ..... do	250	255	210	220	215	235	240	290	270	190	260	255	260	--------	--------	--------
Consumption, pig, total ..... do	6,590	6,525	6,985	6,425	6,470	6,630	6,705	5,490	5,960	6,580	6,750	7,165	7,285	7,265	--------	--------
Primary ..... do	4,550	4,601	5,035	4,770	4,530	4,145	4,455	3,630	4,010	4,710	4,790	5,085	5,190	5,235	--------	--------
Exports, incl. reexports (metal) ..... do	36	135	410	97	151	265	170	102	165	207	297	964	1,079	343	--------	--------
Stocks, pig (industrial), end of mo§ ..... do	21,730	25,610	25,585	24,110	23,590	32,000	30,980	30,245	29,364	27,185	25,245	21,810	20,120	19,600	--------	--------
Price, pig, Straits (N.Y.), prompt ..... $ per lb	1.1461	1.1664	1.1772	1.1534	1.1484	1.1611	1.1997	1.2704	1.3020	1.3402	1.4012	1.3482	1.3351	1.3485	1.5060	1.5965
Zinc:																
Mine production, recoverable zinc‡ ..... thous. sh. tons	42.1	r 44.1	42.5	40.5	44.9	41.5	46.9	45.1	45.1	48.8	44.9	48.6	46.5	46.6	45.8	--------
Imports (general):																
Ores⊕¶ ..... do	39.0	31.1	34.8	33.9	31.7	27.0	26.9	29.8	33.0	23.6	32.2	28.5	27.6	35.9	33.5	--------
Metal (slab, blocks)¶ ..... do	11.8	12.1	7.7	11.9	8.2	19.4	11.0	15.2	14.7	11.4	10.6	10.5	9.7	9.1	8.9	--------
Consumption (recoverable zinc content):																
Ores⊕ ..... do	8.2	8.0	8.9	8.1	7.1	8.2	8.7	7.7	7.7	7.4	8.0	8.9	7.2	8.9	--------	--------
Scrap, all types ..... do	16.7	16.0	15.8	15.4	15.5	16.1	16.6	16.1	15.9	16.4	16.5	16.9	16.9	17.1	--------	--------

r Revised. p Preliminary. [1] Recoverable aluminum content. Monthly data are expressed in metallic content (incl. alloying constituents).
⊙Reflects new factor to derive tonnage equivalent (23.5 base boxes per ton of steel).
△Beginning Jan. 1963, net shipments of ingot derived by new method to include imports not previously included. ‡Revisions for 1962 are in the Sept. 1963 SURVEY.

⊕Basic metal content (for tin ore, through Aug. 1963; gross weight thereafter). ¶See similar note, bottom p. S-32.
♂Consumers' and secondary smelters' stocks of lead in refinery shapes and in copper-base scrap. §Effective Sept. 1962, includes surplus tin held by GSA (i.e., tin to be offered for sale and tin for which bids to purchase were rejected by GSA).

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
METALS AND MANUFACTURES—Continued																
NONFERROUS METALS AND PROD.—Con.																
Zinc—Continued																
Slab zinc:																
Production (primary smelter), from domestic and foreign ores ..... thous. sh. tons	73.3	74.9	69.6	69.0	72.6	72.5	78.1	79.3	83.8	76.0	76.8	86.0	83.7	84.8	------	------
Secondary (redistilled) production ..... do	4.9	4.5	4.4	4.1	4.6	5.4	6.0	5.3	4.8	4.8	4.9	5.2	4.7	5.3	------	------
Consumption, fabricators' ..... do	86.0	90.1	91.1	85.4	92.5	90.6	99.3	88.5	88.5	91.7	86.9	95.2	100.0	98.3	------	------
Exports ..... do	3.0	2.8	4.4	4.9	4.1	2.0	2.4	1.9	1.3	.4	2.4	1.7	2.6	3.6	2.7	------
Stocks, end of year or mo.:																
Producers', at smelter (AZI)△ ..... do	144.7	55.1	105.9	80.0	64.6	55.4	53.9	50.2	55.1	48.2	43.6	46.0	43.5	38.0	30.4	25.7
Consumers' ..... do	80.0	92.1	69.5	86.4	88.1	90.1	88.1	87.0	92.1	92.1	92.5	93.9	r 89.4	85.9	------	------
Price, prime Western (St. Louis) ..... $ per lb	.1162	.1200	.1150	.1202	.1250	.1250	.1250	.1250	.1294	.1300	.1300	.1300	.1332	.1350	.1400	.1350
HEATING EQUIPMENT, EXC. ELECTRIC																
Radiators and convectors, shipments:																
Cast iron ..... mil. sq. ft. radiation	1.0	1.0	.9	.7	1.0	1.4	1.4	1.1	1.0	.9	.9	1.1	.8	.5	------	------
Nonferrous* ..... do	------	9.2	9.0	9.1	11.6	12.4	13.9	9.8	8.0	8.1	8.2	7.4	7.0	8.1	------	------
Oil burners:																
Shipments ..... thous	39.8	48.8	48.7	41.9	58.5	75.7	72.4	55.9	32.8	42.3	41.7	40.2	36.6	38.5	------	------
Stocks, end of year or mo ..... do	49.9	42.2	65.8	65.1	63.8	51.8	49.5	43.9	42.2	44.1	44.2	47.9	49.8	54.5	------	------
Stoves and ranges, domestic cooking:																
Shipments, total (excl. liquid-fuel types) ..... do	166.7	176.0	177.3	155.3	185.0	198.9	207.3	173.7	162.2	158.1	167.7	200.0	195.4	173.1	------	------
Gas♂ ..... do	163.6	173.1	173.9	152.6	181.3	194.9	202.5	170.7	160.2	156.0	165.7	197.4	193.5	171.1	------	------
Stoves, domestic heating, shipments, total ..... do	157.0	161.9	158.4	180.8	254.2	239.1	258.2	183.6	120.5	91.0	70.8	112.9	89.6	105.7	------	------
Gas ..... do	94.1	101.5	103.4	110.0	171.4	146.3	170.4	132.0	81.6	54.3	38.7	77.5	53.4	66.0	------	------
Warm-air furnaces (forced-air and gravity air-flow), shipments, total ..... thous	108.9	117.8	113.1	116.4	140.2	168.8	170.4	132.4	97.6	95.8	95.9	99.3	99.7	96.1	------	------
Gas ..... do	87.1	95.3	91.4	94.6	110.4	130.6	134.5	106.5	81.6	79.2	79.4	82.9	84.3	80.4	------	------
Water heaters, gas, shipments ..... do	217.7	200.3	231.2	183.5	184.9	179.7	228.1	176.8	191.2	248.3	237.1	244.9	r 237.7	198.9	------	------
MACHINERY AND APPARATUS																
Fans, blowers, and unit heaters, qtrly. totals:																
Fans and blowers, new orders ..... mil. $	[1] 40.2	[1] 41.0	43.7	------	------	39.9	------	------	42.0	------	------	43.2	------	------	------	------
Unit-heater group, new orders ..... do	[1] 16.2	[1] 15.7	16.7	------	------	14.6	------	------	18.2	------	------	13.1	------	------	------	------
Foundry equipment (new), new orders, net mo. avg. shipments, 1957-59=100	111.4	131.9	135.1	127.6	160.4	122.3	184.8	127.1	129.6	235.8	251.8	272.9	242.6	244.1	221.4	------
Furnaces (industrial) and ovens, etc., new orders (domestic), net† ..... mil. $	7.0	8.2	7.2	5.3	9.2	9.6	7.6	8.5	6.1	5.8	9.7	10.5	7.4	7.4	7.5	------
Electric processing ..... do	1.2	1.1	1.5	1.0	1.0	.7	.9	.9	1.0	.8	1.0	1.3	1.2	1.0	1.2	------
Fuel-fired (exc. for hot rolling steel) ..... do	2.8	3.4	1.4	1.6	5.7	2.7	4.6	4.3	3.0	2.4	5.7	6.8	3.8	3.7	3.2	------
Material handling equipment (industrial):																
Orders (new), index, seas. adj ..... 1957-59=100	112.6	128.7	98.2	140.8	150.2	128.1	135.7	136.6	156.2	146.5	153.3	170.8	158.1	127.4	------	------
Industrial trucks (electric), shipments:																
Hand (motorized) ..... number	500	547	550	579	433	563	602	523	590	491	515	548	581	581	653	------
Rider-type ..... do	471	581	589	533	511	490	611	598	630	484	609	578	510	523	636	------
Industrial trucks and tractors (gasoline-powered), shipments ..... number	2,232	2,434	2,750	2,307	2,567	2,661	2,941	2,738	2,830	2,543	2,518	2,862	3,032	2,961	3,109	------
Machine tools:																
Metal cutting tools:																
Orders, new (net), total ..... mil. $	44.80	59.50	57.10	57.90	49.20	56.55	66.85	59.10	77.40	80.15	74.50	77.70	91.55	r 85.00	101.05	------
Domestic ..... do	36.70	47.50	44.40	47.90	38.55	45.40	53.35	49.65	64.15	60.60	60.45	61.40	79.55	r 70.10	83.85	------
Shipments, total ..... do	47.85	49.90	53.55	44.55	41.20	54.75	54.05	52.35	69.00	50.35	51.25	63.80	64.85	r 70.75	74.35	------
Domestic ..... do	35.15	41.10	46.50	38.65	33.30	42.85	42.95	41.75	56.30	39.85	39.10	48.45	52.35	r 57.50	62.65	------
Estimated backlog ..... months	4.2	5.2	5.2	5.5	5.6	5.4	5.7	5.6	5.6	6.2	6.3	6.4	6.7	r 6.6	6.6	------
Metal forming tools:																
Orders, new (net), total ..... mil. $	14.60	18.10	14.80	15.55	19.85	22.35	32.35	15.95	21.20	48.80	20.30	24.10	45.80	r 32.55	59.90	------
Domestic ..... do	11.65	15.90	13.15	13.90	18.15	17.60	29.95	15.20	19.80	47.40	18.85	19.35	43.30	r 30.35	55.70	------
Shipments, total ..... do	12.40	15.30	18.85	14.95	12.65	14.70	16.35	14.05	14.30	15.00	19.15	16.90	19.80	r 18.20	21.25	------
Domestic ..... do	9.30	12.80	17.45	12.70	11.40	12.10	13.00	11.30	12.50	12.40	16.15	15.40	18.25	r 16.50	19.95	------
Estimated backlog ..... months	4.6	4.7	3.9	3.8	4.2	4.6	5.4	5.6	5.8	7.6	7.7	8.0	8.9	r 9.3	10.6	------
Other machinery and equip., qtrly. shipments:																
Construction machinery (selected types), total♀ ..... mil. $	[2] 261.4	[2] 305.9	378.9	------	------	309.2	------	------	284.7	------	------	343.6	------	------	------	------
Tractors, tracklaying, total ..... do	[1] 64.2	[1] 78.5	98.1	------	------	80.2	------	------	78.6	------	------	79.6	[2] 37.8	[2] 40.4	------	------
Tractors, wheel (con. off-highway) ..... do	[1] 19.7	[1] 22.9	31.6	------	------	27.2	------	------	18.3	------	------	27.3	------	------	------	------
Tractor shovel loaders (integral units only), wheel and tracklaying types ..... mil. $	[1] 58.9	[1] 73.5	86.3	------	------	71.8	------	------	73.6	------	------	86.2	------	------	------	------
Tractors, wheel (excl. garden and contractors' off-highway types) ..... mil. $	[1] 130.1	[1] 150.9	166.1	------	------	100.6	------	------	159.0	------	------	189.1	[2] 72.9	[2] 59.5	------	------
Farm machines and equipment (selected types), excl. tractors⊙ ..... mil. $	[1] 197.7	[1] 213.7	262.6	------	------	199.7	------	------	150.9	------	------	------	------	------	------	------
ELECTRICAL EQUIPMENT																
Batteries (auto. replacement), shipments ..... thous	2,540	2,653	1,903	2,190	2,604	3,186	3,673	3,174	3,622	3,146	1,653	1,394	1,602	r 1,591	1,816	------
Household electrical appliances:																
Ranges (incl. built-ins), sales, total‡ ..... do	139.6	155.8	160.8	140.2	156.4	165.8	167.9	159.4	174.4	144.4	165.8	194.1	157.4	153.4	163.7	------
Refrigerators and home freezers, output 1957-59=100	119.2	127.9	145.1	133.8	93.1	149.0	127.8	129.0	128.6	131.3	150.3	150.8	151.5	150.9	163.0	------
Vacuum cleaners, sales billed ..... thous	309.3	353.9	291.2	297.1	326.1	423.0	416.4	382.6	349.7	324.7	365.0	420.5	383.8	337.8	335.2	------
Washers, sales (dom. and export) ..... do	305.5	329.1	358.6	281.2	379.7	403.7	367.4	336.9	273.5	302.5	330.0	372.0	299.2	300.8	345.8	------
Driers (gas and electric), sales (domestic and export) ..... thous	116.4	133.0	91.0	99.5	173.5	200.3	197.1	180.3	153.2	142.8	135.8	121.1	90.2	71.6	90.5	------
Radio sets, production§ ..... do	1,596.8	1,523.5	[3] 1,653.9	990.6	1,252.9	[3] 2008.2	1872.7	1,799.8	[4] 1,772.0	1,413.3	1,367.9	[3] 1,639.1	1,337.4	1,410.7	[3] 1,770.9	p 1078.9
Television sets (incl. combination), prod.§ ..... do	539.3	594.2	[3] 665.0	384.3	565.2	[3] 779.4	630.1	621.4	[4] 690.0	731.1	751.5	[3] 877.9	712.7	584.2	[3] 835.5	p 520.9
Electron tubes and semiconductors, factory sales ⊕ mil. $	75.9	73.6	76.8	59.5	77.4	82.5	81.5	71.7	73.0	52.1	52.6	56.9	52.4	51.4	53.9	------
Insulating materials, sales, index ..... 1947-49=100	154	148	153	127	142	154	160	144	151	154	146	167	163	------	------	------
Motors and generators:																
New orders, index, qtrly ..... do	[1] 149	[1] 151	155	------	------	154	------	------	154	------	------	159	------	------	------	------
New orders (gross):																
Polyphase induction motors, 1-200 hp ..... mil. $	12.4	12.4	13.3	11.1	12.8	13.7	12.7	12.1	13.3	12.4	13.5	14.9	14.4	15.2	------	------
D.C. motors and generators, 1-200 hp ..... do	2.2	2.6	3.0	1.9	3.3	2.9	2.5	2.1	2.3	2.6	3.4	2.8	2.8	3.6	------	------

r Revised. [1] Quarterly average. [2] For month shown. [3] Data cover 5 weeks; other months, 4 weeks. [4] Data cover 6 weeks. ♀Includes data not shown separately.

△Producers' stocks, elsewhere, end of July 1964, 22,900 tons.

*New series. Shipments (from The Institute of Boiler and Radiator Manufacturers) represent the following approximate percentages of total industry shipments: Convectors, 90 to 95%; radiators and baseboards, 80 to 85%.

♂Includes data for built-in gas fired oven-broiler units; shipments of cooking tops, not included in figures above, totaled 29,100 units in May 1964.

†As reported by the Industrial Heating Equip. Assoc. for member companies, includin orders (not shown separately) for indust. ovens, atmosphere generating and combustio equip., and miscel. items. Monthly data back to 1958 are available. ⊙Revisions fo 1962 appear in the June 1964 SURVEY.

‡Revisions for 1962-63 appear on p. S-34 of the Apr. 1964 SURVEY.

§ Radio production comprises table, portable battery, auto, and clock models; beginnin Jan. 1964, television sets include figures for color sets. ⊕ See similar note, p. S-35.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
PETROLEUM, COAL, AND PRODUCTS																
COAL																
Anthracite:																
Production ..... thous. sh. tons	1,408	r 1,522	1,455	r 1,124	r 1,606	r 1,574	r 1,822	r 1,615	r 1,535	1,527	1,311	1,155	1,427	1,665	r 1,789	1,127
Exports ..... do	156	279	286	212	420	407	345	319	309	248	149	86	84	151	171	.....
Prices:																
Retail, stove, composite ..... $ per sh. ton	28.63	29.39	28.62	28.84	29.04	29.79	30.00	30.54	30.95	31.35	31.40	31.40	31.40	30.69	30.30	.....
Wholesale, chestnut, f.o.b. mine ..... do	13.050	r 13.361	12.565	12.775	12.985	13.510	13.510	14.420	14.420	14.490	14.490	14.490	13.195	13.195	p 13.195	.....
Bituminous:																
Production ..... thous. sh. tons	35,178	37,667	38,862	27,629	41,650	39,710	44,195	38,228	38,491	40,430	34,790	36,790	r 37,490	r 38,270	40,215	30,350
Industrial consumption and retail deliveries, total ♀ ..... thous. sh. tons	32,314	34,106	31,401	31,615	32,470	31,596	33,814	34,388	40,199	39,768	36,755	36,439	33,054	r 32,702	33,211	.....
Electric power utilities ..... do	15,903	17,420	16,191	17,053	17,649	16,566	17,593	17,783	20,727	20,389	18,732	18,465	16,666	16,757	17,997	.....
Mfg. and mining industries, total ..... do	14,006	14,668	14,426	13,649	13,583	13,405	14,612	14,615	16,329	16,411	15,525	16,097	15,302	r 15,324	14,564	.....
Coke plants (oven and beehive) ..... do	6,188	6,474	6,948	6,545	6,112	6,039	6,370	6,241	6,570	6,789	6,540	7,014	7,044	r 7,537	7,346	.....
Retail deliveries to other consumers ..... do	2,349	1,962	703	841	1,153	1,536	1,511	1,905	3,118	2,968	2,496	1,872	1,030	r 518	562	.....
Stocks, industrial and retail dealers', end of month, total ♀ ..... thous. sh. tons	67,960	65,692	67,638	63,318	67,002	69,388	72,708	73,383	70,083	66,536	64,430	63,041	65,043	r 68,619	70,697	.....
Electric power utilities ..... do	46,665	46,139	46,799	44,625	46,912	49,138	51,722	52,383	49,314	46,422	44,961	43,717	45,045	47,886	49,331	.....
Mfg. and mining industries, total ..... do	20,845	19,103	20,381	18,199	19,555	19,712	20,423	20,391	20,270	19,659	19,121	19,070	19,743	r 20,420	21,009	.....
Oven-coke plants ..... do	9,044	7,373	8,202	6,386	6,919	7,290	7,912	8,054	8,014	7,780	7,900	8,299	8,411	r 8,841	9,372	.....
Retail dealers ..... do	449	450	458	494	535	538	563	609	499	455	348	254	255	313	357	.....
Exports ..... do	3,201	3,923	4,110	3,685	5,325	5,266	5,029	4,500	3,536	3,152	3,065	3,028	3,523	4,551	4,617	.....
Prices:																
Retail, composite ..... $ per sh. ton	17.30	17.46	17.04	17.13	17.13	17.46	17.69	17.73	17.83	17.89	17.89	17.89	17.76	17.31	17.23	.....
Wholesale:																
Screenings, indust. use, f.o.b. mine ..... do	[1] 4.918	[2] 4.748	4.753	4.757	4.752	4.752	4.745	4.748	4.748	4.726	4.731	4.731	4.807	r 4.832	p 4.832	.....
Domestic, large sizes, f.o.b. mine ..... do	[1] 7.443	[2] 7.014	6.633	6.813	6.886	7.061	7.231	7.257	7.257	7.276	7.221	7.026	6.524	r 6.482	p 6.511	.....
COKE																
Production:																
Beehive ..... thous. sh. tons	68	81	96	84	80	79	83	78	82	82	78	87	87	r 90	78	.....
Oven (byproduct) ..... do	4,258	4,442	4,734	4,467	4,200	4,157	4,391	4,289	4,540	4,661	4,485	4,821	4,855	r 5,192	5,036	.....
Petroleum coke§ ..... do	1,312	1,344	1,320	1,407	1,385	1,350	1,367	1,355	1,457	1,440	1,343	1,457	1,366	1,409	.....	.....
Stocks, end of month:																
Oven-coke plants, total ..... do	3,899	r 2,998	r 2,607	2,618	2,730	2,801	2,888	2,899	2,881	2,831	2,672	2,567	2,421	r 2,337	2,283	.....
At furnace plants ..... do	2,796	r 2,298	r 1,947	1,952	2,089	2,185	2,304	2,379	2,394	2,380	2,253	2,141	2,008	1,909	1,864	.....
At merchant plants ..... do	1,103	700	r 660	666	641	616	584	520	486	451	418	426	413	r 429	419	.....
Petroleum coke ..... do	1,053	1,200	1,129	1,157	1,152	1,171	1,195	1,381	1,297	1,284	1,313	1,329	1,359	1,379	.....	.....
Exports ..... do	33	38	63	44	39	33	23	41	19	19	23	27	25	83	40	.....
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed ..... number	1,781	[3] 1,691	1,542	1,860	1,809	1,725	1,633	1,480	1,768	1,567	1,628	1,564	1,566	1,557	.....	.....
Price at wells (Okla.-Kansas) ..... $ per bbl	2.97	2.93	2.93	2.93	2.93	2.93	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	p 2.92	.....
Runs to stills ..... mil. bbl	255.8	264.2	263.6	272.7	273.5	260.2	266.9	261.0	269.3	273.3	256.8	269.9	258.4	267.6	.....	.....
Refinery operating ratio ..... % of capacity	84	87	88	88	88	87	86	87	87	88	89	87	r 84	84	.....	.....
All oils, supply, demand, and stocks:‡																
New supply, total ..... mil. bbl	317.4	327.6	312.9	333.7	333.1	316.8	331.8	322.5	336.7	363.1	326.0	345.7	335.4	334.3	.....	.....
Production:																
Crude petroleum ..... do	223.0	229.4	226.9	235.1	236.8	225.2	233.6	226.3	232.8	238.1	224.5	240.6	233.1	235.8	.....	.....
Natural-gas liquids, benzol, etc ..... do	31.1	33.4	31.9	33.3	34.0	32.8	34.1	34.3	35.6	36.4	34.1	36.0	34.0	34.4	.....	.....
Imports:																
Crude petroleum ..... do	34.3	34.4	31.9	38.2	36.7	34.9	31.4	34.2	30.3	39.6	32.2	36.9	33.1	36.0	.....	.....
Refined products ..... do	29.1	30.4	22.3	27.0	25.5	23.9	32.7	27.6	38.0	49.0	35.2	32.2	35.2	28.2	.....	.....
Change in stocks, all oils (decrease,—) ..... do	1.0	.1	19.7	19.3	12.3	11.0	11.7	2.9	−54.9	−22.8	−9.9	6.4	8.8	24.7	.....	.....
Demand, total ..... do	316.4	327.5	293.2	314.4	320.8	305.8	320.1	319.6	391.6	385.8	335.9	339.4	326.6	309.7	.....	.....
Exports:																
Crude petroleum ..... do	.1	.1	.1	.2	.2	.1	.2	.1	.2	.1	.1	.2	.1	.2	.....	.....
Refined products ..... do	5.0	6.2	5.4	5.9	6.4	7.0	6.0	6.5	6.3	5.7	4.8	6.0	6.4	5.7	.....	.....
Domestic demand, total ♀ ..... do	311.3	321.2	287.6	308.3	314.3	298.7	313.8	313.0	385.1	379.0	331.0	333.1	320.1	303.8	.....	.....
Gasoline ..... do	132.1	[4] 136.2	140.7	150.0	151.1	134.0	142.0	132.9	134.7	130.5	121.8	135.5	140.6	144.9	.....	.....
Kerosene ..... do	13.7	[4] 14.4	9.8	10.9	12.4	13.3	12.5	15.4	21.9	21.2	17.7	15.2	12.6	11.1	.....	.....
Distillate fuel oil ..... do	61.0	[4] 62.3	39.7	40.3	43.0	50.5	49.5	61.5	102.2	96.1	81.5	73.4	59.6	46.8	.....	.....
Residual fuel oil ..... do	45.5	[4] 45.1	35.0	36.2	36.1	35.6	41.8	43.8	60.4	66.4	53.4	49.7	48.2	37.5	.....	.....
Jet fuel ..... do	9.4	9.7	8.7	10.8	11.8	10.2	10.9	9.1	8.8	9.7	8.4	9.5	10.3	10.4	.....	.....
Lubricants ..... do	3.6	3.6	3.8	3.7	4.0	3.4	4.3	3.3	2.9	4.0	3.4	3.8	4.4	3.6	.....	.....
Asphalt ..... do	9.5	9.8	13.8	16.5	16.2	14.6	14.2	6.9	4.1	3.3	3.3	4.3	7.1	11.9	.....	.....
Liquefied gases ..... do	21.3	[4] 19.5	14.8	17.0	17.2	16.1	17.6	20.9	29.5	27.8	22.2	19.9	16.9	15.8	.....	.....
Stocks, end of month, total ..... do	820.6	[4] 831.1	833.4	852.7	864.9	875.9	887.6	890.5	835.6	812.8	802.9	809.2	818.0	842.7	.....	.....
Crude petroleum ..... do	248.1	246.9	250.0	250.0	249.1	248.3	245.5	244.4	237.4	241.0	240.1	246.9	253.9	257.3	.....	.....
Natural-gas liquids ..... do	35.2	33.8	35.4	38.8	41.4	43.1	43.8	42.1	33.7	28.4	27.4	29.9	34.1	38.9	.....	.....
Refined products ..... do	537.3	[4] 550.4	547.9	563.9	574.5	584.6	598.3	604.0	564.5	543.3	535.4	532.5	530.0	546.5	.....	.....
Refined petroleum products:‡																
Gasoline (incl. aviation):																
Production ..... do	131.9	[4] 135.7	136.8	141.5	144.0	135.7	138.2	135.6	144.1	142.4	133.0	140.1	133.9	140.1	.....	.....
Exports ..... do	.5	.6	.7	.5	.5	.7	.8	.7	.9	.6	.4	.8	.4	.5	.....	.....
Stocks, end of month ..... do	188.6	[4] 192.8	192.6	184.7	178.3	181.3	178.3	181.3	190.9	203.2	215.1	220.4	214.7	210.9	.....	.....
Prices (excl. aviation)																
Wholesale, ref. (Okla., group 3) ..... $ per gal	.113	.109	.125	.115	.108	.115	.110	.090	.105	.105	.100	.100	.095	.105	p .103	.....
Retail (regular grade, excl. taxes), 55 cities (1st of following mo.) ..... $ per gal	.204	.201	.208	.208	.208	.200	.197	.201	.204	.196	.199	.199	.195	.196	.207	.....

r Revised. p Preliminary.
[1] Monthly average based on Apr.-Dec. data.
[2] Data beginning Jan. 1963 not entirely comparable with those for earlier periods.
[3] Beginning Jan. 1963, data exclude condensate wells formerly included.
[4] See note 1 for p. S-36.

♀ Includes data not shown separately.
§ Includes nonmarketable catalyst coke.
‡ Revised data for months of 1962 appear on p. 28 of the June 1964 SURVEY.

NOTE FOR ELECTRON TUBES, p. S-34—⊕ Beginning Jan. 1964, excludes sales of receiving tubes; 1963 sales of such tubes averaged $22,800,000 per month.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																
Refined petroleum products —Continued																
Aviation gasoline:																
Production ..... mil. bbl.	10.2	10.4	10.9	11.0	11.2	9.5	10.0	9.8	10.8	10.0	10.0	10.6	10.2	10.5	.....	.....
Exports ..... do	.4	.4	.5	.3	.3	.5	.5	.5	.6	.4	.2	.6	.2	.4	.....	.....
Stocks, end of month ..... do	10.5	10.7	11.6	10.4	9.5	9.6	9.3	8.8	9.4	9.7	10.8	10.3	10.3	9.9	.....	.....
Kerosene:																
Production ..... do	13.1	[1] 13.8	11.7	12.9	12.5	12.2	14.9	14.8	16.2	17.3	14.7	14.3	12.5	11.7	.....	.....
Stocks, end of month ..... do	30.6	[1] 31.7	32.3	35.2	36.2	36.0	39.1	39.1	34.1	30.9	28.5	28.5	29.1	30.5	.....	.....
Price, wholesale, bulk lots (N.Y. Harbor) $ per gal.	.104	.102	.101	.101	.101	.096	.096	.099	.104	.104	.104	.099	.096	.094	p .093	.....
Distillate fuel oil:																
Production ..... mil. bbl.	60.0	[1] 63.8	60.1	62.4	63.3	63.2	63.9	62.9	65.8	67.5	62.8	61.7	57.6	60.8	.....	.....
Imports ..... do	1.0	.8	.7	.7	.6	.7	.9	1.0	.8	1.6	1.1	.9	.8	.7	.....	.....
Exports ..... do	.7	1.2	1.0	1.0	1.1	1.4	1.1	1.3	.4	1.2	.4	.6	.3	.3	.....	.....
Stocks, end of month ..... do	133.4	[1] 135.8	123.4	145.2	165.2	177.2	191.4	192.6	156.7	128.5	110.5	99.2	97.8	112.2	.....	.....
Price, wholesale (N.Y. Harbor, No. 2 fuel) $ per gal.	.092	.092	.091	.091	.091	.086	.086	.089	.094	.094	.094	.089	.086	.084	p .083	.....
Residual fuel oil:																
Production ..... mil. bbl.	24.6	[1] 23.1	21.8	21.7	21.8	21.5	21.0	22.5	25.0	25.8	22.7	22.3	21.2	20.8	.....	.....
Imports ..... do	22.0	22.9	15.3	18.1	16.9	15.7	23.2	20.7	31.6	39.7	29.2	24.7	28.0	19.8	.....	.....
Exports ..... do	1.1	1.3	1.0	1.1	1.4	1.7	1.0	1.8	1.3	1.6	1.0	1.7	2.0	1.4	.....	.....
Stocks, end of month ..... do	46.6	[1] 48.6	48.1	50.9	52.5	52.6	54.4	52.2	47.5	45.4	43.3	39.1	38.5	40.5	.....	.....
Price, wholesale (Okla., No. 6) ..... $ per bbl.	1.58	1.57	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.80	1.65	1.50	1.35	1.35	p 1.35	.....
Jet fuel (military grade only):																
Production ..... mil. bbl.	8.6	8.3	9.0	9.1	8.9	8.5	7.8	8.3	7.8	7.8	7.9	9.1	8.9	9.5	.....	.....
Stocks, end of month ..... do	8.7	9.4	10.2	10.2	9.6	9.3	8.6	8.9	8.5	8.5	9.0	9.9	9.2	9.3	.....	.....
Lubricants:																
Production ..... do	5.1	5.3	5.3	5.6	5.4	5.4	5.4	5.3	5.0	5.2	4.8	5.2	5.3	5.4	.....	.....
Exports ..... do	1.5	1.5	1.3	1.8	1.5	1.6	1.5	1.4	1.8	1.2	1.4	1.4	2.0	1.3	.....	.....
Stocks, end of month ..... do	12.8	13.7	13.4	13.4	13.4	13.8	13.4	14.0	14.3	14.3	14.3	14.4	13.3	13.8	.....	.....
Price, wholesale, bright stock (midcontinent, f.o.b., Tulsa) ..... $ per gal.	.261	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	p .270	.....
Asphalt:																
Production ..... mil. bbl.	9.1	9.3	12.1	12.9	13.2	12.4	11.3	8.2	6.2	4.4	5.6	7.3	8.0	11.2	.....	.....
Stocks, end of month ..... do	16.3	16.7	19.8	16.8	14.5	12.8	10.4	11.9	14.4	15.8	18.1	21.3	22.3	22.0	.....	.....
Liquefied petroleum gases:																
Production ..... do	6.4	[1] 4.7	4.9	5.0	4.9	4.4	4.2	4.2	5.0	5.0	4.7	5.2	4.8	5.2	.....	.....
Transfers from gasoline plants ..... do	14.9	14.9	10.6	12.7	12.8	12.1	13.5	16.5	23.3	22.1	17.1	15.0	12.3	11.5	.....	.....
Stocks (at plants, terminals, underground, and at refineries), end of mo. ..... mil. bbl.	33.6	[1] 30.2	31.9	35.5	38.5	41.2	41.8	39.4	30.3	24.3	22.9	25.4	29.4	34.9	.....	.....
Asphalt and tar products, shipments:‡																
Asphalt roofing, total ..... thous. squares	5,367	5,372	6,309	7,684	6,954	6,419	7,114	4,604	3,103	3,134	4,521	4,705	5,719	r 6,921	7,586	.....
Roll roofing and cap sheet ..... do	1,913	2,009	2,167	2,746	2,602	2,450	2,764	1,810	1,214	1,213	1,610	1,777	2,042	r 2,389	2,545	.....
Shingles, all types ..... do	3,454	3,363	4,142	4,938	4,352	3,969	4,350	2,794	1,888	1,920	2,911	2,928	3,677	4,532	5,040	.....
Asphalt siding ..... do	67	66	58	78	78	81	102	85	52	43	60	48	50	r 49	55	.....
Insulated siding ..... do	77	70	81	93	100	93	102	56	37	31	36	44	57	65	75	.....
Saturated felts ..... thous. sh. tons	82	82	89	109	95	83	98	74	60	67	88	78	74	82	95	.....
PULP, PAPER, AND PAPER PRODUCTS																
PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts ..... thous. cords (128 cu. ft.)	3,668	3,816	3,574	3,656	4,370	3,945	4,335	3,821	3,495	4,030	4,175	4,157	3,843	3,992	.....	.....
Consumption ..... do	3,673	3,847	3,860	3,555	4,150	3,754	4,102	3,975	3,626	4,055	3,906	4,126	4,119	4,213	.....	.....
Stocks, end of month ..... do	5,225	5,124	4,652	4,819	5,180	5,118	5,353	5,116	4,976	4,936	4,981	4,987	4,690	4,428	.....	.....
Waste paper:																
Consumption ..... thous. sh. tons	756	729	742	663	762	737	797	710	668	741	748	799	821	803	.....	.....
Stocks, end of month ..... do	498	501	509	529	515	494	506	465	514	490	477	470	476	468	.....	.....
WOODPULP																
Production:																
Total, all grades ..... thous. sh. tons	2,326	2,453	2,397	2,308	2,576	2,390	2,631	2,593	2,283	2,605	2,530	2,667	2,706	2,821	.....	.....
Dissolving and special alpha ..... do	106	114	122	108	121	106	124	120	97	138	125	127	106	129	.....	.....
Sulfate ..... do	1,358	1,458	1,424	1,361	1,549	1,416	1,555	1,551	1,357	1,528	1,509	1,608	1,634	1,729	.....	.....
Sulfite ..... do	214	224	210	209	229	211	242	230	229	231	224	242	246	241	.....	.....
Groundwood ..... do	283	289	276	274	295	280	310	308	280	327	304	320	330	335	.....	.....
Defibrated or exploded ..... do	104	[2] 117	113	111	120	124	125	124	106	124	127	129	129	131	.....	.....
Soda, semichem., screenings, etc. ..... do	261	[2] 251	251	245	262	253	274	261	215	257	241	241	260	256	.....	.....
Stocks, end of month:																
Total, all mills ..... do	878	[3] 713	721	721	721	706	707	731	717	739	745	759	747	771	.....	.....
Pulp mills ..... do	297	263	279	256	252	243	246	264	235	266	266	271	265	286	.....	.....
Paper and board mills ..... do	509	[3] 372	364	380	378	381	384	394	408	396	399	403	387	394	.....	.....
Nonpaper mills ..... do	72	78	79	85	90	82	77	73	75	78	80	84	94	90	.....	.....
Exports, all grades, total ..... do	99	118	108	120	130	128	116	106	142	132	120	139	138	143	127	.....
Dissolving and special alpha ..... do	40	44	37	39	48	55	41	38	49	43	42	55	46	55	40	.....
All other ..... do	59	75	71	80	82	73	76	68	93	89	78	83	92	88	87	.....
Imports, all grades, total ..... do	232	231	256	229	242	220	258	225	236	235	224	265	228	225	256	.....
Dissolving and special alpha ..... do	23	22	24	21	21	16	23	19	22	22	21	23	26	18	23	.....
All other ..... do	210	210	231	208	221	204	235	206	214	213	203	242	202	208	233	.....
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, seas. adj. ..... thous. sh. tons	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All grades, total, unadjusted ..... do	3,137	3,250	3,273	3,014	3,456	3,200	3,514	3,314	2,973	3,395	3,276	3,477	3,553	3,511	.....	.....
Paper ..... do	1,382	1,436	1,408	1,312	1,508	1,387	1,540	1,481	1,375	1,535	1,448	1,515	1,547	1,518	.....	.....
Paperboard ..... do	1,458	1,507	1,544	1,387	1,605	1,496	1,620	1,529	1,334	1,563	1,533	1,632	1,662	1,648	.....	.....
Wet-machine board ..... do	14	11	13	9	11	11	12	11	10	11	11	12	11	11	.....	.....
Construction paper and board ..... do	284	296	309	306	333	306	343	293	254	286	284	318	333	333	.....	.....

r Revised. p Preliminary. [1] Beginning Jan. 1963, data for the indicated items exclude certain oils which have been reclassified as petrochemical feedstocks.
[2] Effective Jan. 1963, "screenings, etc." included with "defibrated or exploded."
[3] Effective Jan. 1963, excludes stocks of "own pulp" at paper and board mills.

‡Revised monthly data for 1962 for petroleum products appear on p. 28 of the June 1964 SURVEY; revisions for 1962 and for 1963 (also shown above) for asphalt and tar products appear on p. 32 of the Apr. 1964 SURVEY.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July

PULP, PAPER, AND PAPER PRODUCTS—Continued

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
PAPER AND PAPER PRODUCTS—Con.																
Paper and board—Continued																
New orders (American Paper and Pulp Assoc.):																
All grades, paper and board ... thous. sh. tons	3,131	3,268	3,265	3,170	3,424	3,308	3,523	3,193	2,913	3,458	3,298	r 3,499	3,554	.....	.....	.....
Wholesale price indexes:																
Printing paper ... 1957-59=100	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	.....
Book paper, A grade ... do	107.6	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	109.0	109.9	109.9	109.9	.....
Paperboard ♀ ... do	93.1	94.7	94.1	94.1	94.1	94.1	96.6	96.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	.....
Building paper and board ... do	97.2	96.2	97.5	97.5	97.5	97.6	96.9	95.1	95.2	95.2	95.0	93.7	93.5	r 94.4	94.4	.....
Selected types of paper (APPA): ‡																
Fine paper:																
Orders, new ... thous. sh. tons	166	174	170	164	179	171	192	173	157	185	184	r 184	r 197	199	.....	.....
Orders, unfilled, end of month ... do	88	99	92	103	102	103	108	100	90	85	93	r 83	r 92	92	.....	.....
Production ... do	170	177	178	159	185	177	190	180	169	187	183	r 191	r 196	196	.....	.....
Shipments ... do	168	174	175	160	187	170	190	179	153	183	187	r 188	r 192	197	.....	.....
Printing paper:																
Orders, new ... do	412	454	454	432	457	472	484	443	414	499	449	497	r 483	480	.....	.....
Orders, unfilled, end of month ... do	370	394	424	396	395	410	394	378	375	383	368	r 397	r 391	396	.....	.....
Production ... do	409	445	445	412	471	439	478	457	426	481	446	467	r 475	472	.....	.....
Shipments ... do	409	445	445	412	471	439	478	456	425	481	446	467	r 475	472	.....	.....
Coarse paper:																
Orders, new ... do	346	355	334	323	369	366	383	364	329	370	360	r 372	r 365	359	.....	.....
Orders, unfilled, end of month ... do	154	164	151	153	167	182	185	180	154	160	167	r 161	r 145	143	.....	.....
Production ... do	350	353	328	311	372	340	373	377	339	370	362	r 369	r 373	370	.....	.....
Shipments ... do	343	350	327	311	363	356	366	370	341	369	354	r 373	r 372	364	.....	.....
Newsprint:																
Canada:																
Production ... do	558	553	539	551	586	551	630	613	535	564	549	566	625	610	610	.....
Shipments from mills ... do	557	552	565	575	576	580	638	611	578	533	491	540	664	594	652	.....
Stocks at mills, end of month ... do	249	268	278	255	265	235	227	229	186	217	275	301	261	277	240	.....
United States:																
Production ... do	179	185	181	173	191	164	194	190	180	198	174	190	192	201	194	.....
Shipments from mills ... do	180	184	177	183	178	172	193	189	184	189	186	193	197	192	192	.....
Stocks at mills, end of month ... do	39	37	40	31	44	36	37	38	34	43	32	29	24	32	34	.....
Consumption by publishers ♂ ... do	465	465	483	421	443	490	529	524	522	455	452	518	528	550	496	.....
Stocks at and in transit to publishers, end of month ♂ ... thous. sh. tons	586	588	561	615	632	606	588	559	545	569	572	550	541	511	529	.....
Imports ... do	456	451	448	497	455	455	522	463	536	444	409	473	475	470	513	.....
Price, rolls, contract, f.o.b. mill, freight allowed or delivered ... $ per sh. ton	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	r 134.40	.....
Paperboard (National Paperboard Assoc.): §																
Orders, new (weekly avg.) ... thous. sh. tons	1 340	1 357	367	326	385	363	385	357	316	363	387	381	387	399	395	361
Orders, unfilled, end of month ... do	461	518	472	572	574	611	622	545	494	537	538	532	519	565	587	624
Production, total (weekly avg.) ... do	1 343	1 358	370	319	381	355	387	373	325	349	386	384	386	391	390	351
Percent of activity (based on 6.5-day week)	85	87	89	78	91	86	92	90	75	88	91	92	90	90	90	81
Paper products:																
Shipping containers, corrugated and solid fiber, shipments ⊙ ... mil. sq. ft. surf. area	10,182	10,711	10,508	10,135	11,903	10,848	12,482	10,649	9,870	10,833	10,460	11,039	11,520	11,399	11,284	11,198
Folding paper boxes, shipments, index of physical volume ... 1947-49=100	124.1	126.1	123.9	120.3	135.5	129.6	141.7	119.8	130.8	124.4	114.3	123.1	126.9	p 119.9	.....	.....

RUBBER AND RUBBER PRODUCTS

	1962	1963	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
RUBBER																
Natural rubber:																
Consumption ... thous. lg. tons	38.56	38.10	36.28	32.92	35.55	36.31	42.59	35.29	35.75	39.59	36.66	39.80	40.68	39.36	41.37	.....
Stocks, end of month ... do	68.47	72.70	77.76	75.19	73.00	68.88	64.30	61.32	60.58	62.44	64.34	64.97	64.74	69.08	67.14	.....
Imports, incl. latex and guayule ... do	35.13	31.63	25.57	25.72	31.68	26.24	30.58	27.09	28.61	38.78	26.30	41.75	28.79	44.07	31.24	.....
Price, wholesale, smoked sheets (N.Y.) ... $ per lb.	p .285	p .263	.270	.265	.253	.230	.255	.258	.240	.235	.236	.256	.259	.254	.251	.246
Synthetic rubber:																
Production ... thous. lg. tons	131.20	134.04	132.99	130.78	127.30	124.59	129.86	134.81	141.05	143.59	140.18	146.27	146.22	150.31	146.94	.....
Consumption ... do	101.66	108.90	103.54	92.34	100.42	105.70	127.89	109.26	107.54	120.74	111.12	116.69	121.85	118.49	123.71	.....
Stocks, end of month ... do	257.15	281.05	281.72	296.76	296.21	292.20	275.28	275.28	283.01	279.51	283.20	285.88	285.19	293.17	293.02	.....
Exports ... do	25.31	23.60	20.04	24.00	27.27	21.33	22.51	22.90	24.86	24.00	28.80	27.05	27.85	24.66	24.98	.....
Reclaimed rubber:																
Production ... do	23.38	23.45	22.79	21.12	20.11	22.42	26.00	21.25	22.17	25.11	21.75	24.03	24.50	23.96	25.22	.....
Consumption ... do	21.95	21.97	21.43	17.92	19.27	21.65	25.06	20.65	20.15	22.99	20.75	22.59	24.20	23.10	22.30	.....
Stocks, end of month ... do	29.77	30.30	29.65	32.12	31.22	31.35	30.88	29.78	31.19	31.47	30.51	30.37	30.42	29.76	30.92	.....
TIRES AND TUBES																
Pneumatic casings:																
Production ... thous.	11,156	11,594	r 11,186	10,182	9,368	10,540	13,469	11,502	11,496	12,681	11,835	12,563	13,331	13,214	14,041	.....
Shipments, total ... do	11,055	11,551	r 11,924	12,681	9,558	11,232	14,021	10,746	10,491	12,640	10,406	11,996	14,117	13,576	14,517	.....
Original equipment ... do	3,495	3,919	r 4,084	3,507	1,606	3,562	5,163	4,366	4,470	4,337	4,067	4,402	4,854	4,542	4,652	.....
Replacement equipment ... do	7,430	7,503	r 7,710	9,044	7,819	7,552	8,700	6,263	5,888	8,194	6,209	7,478	9,130	8,907	9,718	.....
Export ... do	130	129	r 130	131	132	117	158	117	134	110	130	116	133	126	146	.....
Stocks, end of month ... do	27,086	29,978	r 31,327	28,830	28,652	27,889	27,469	28,272	29,407	29,544	31,090	31,658	31,091	31,011	30,644	.....
Exports (Bu. of Census) ... do	89	82	78	97	81	78	86	82	73	77	85	78	92	106	105	.....
Inner tubes:																
Production ... do	3,403	3,305	3,183	3,021	2,792	2,860	3,408	2,827	3,138	3,914	3,673	3,837	3,956	3,591	3,699	.....
Shipments ... do	3,442	3,398	r 2,926	3,650	3,032	3,115	3,506	2,958	2,799	5,415	3,613	3,381	3,392	3,117	3,475	.....
Stocks, end of month ... do	8,913	9,462	r 10,457	9,818	9,576	9,180	9,155	9,088	9,529	8,201	8,424	9,020	9,587	10,172	10,471	.....
Exports (Bu. of Census) ... do	81	76	62	90	61	82	85	77	75	55	72	51	78	64	73	.....

r Revised. p Preliminary. 1 Weekly average for year.

♀ Revisions for 1961 are available upon request.

‡ Monthly averages for 1962 for new orders, production, and shipments reflect revisions to adjusted annual totals; revisions by months not available.

♂ As reported by publishers accounting for about 74.5 percent of total newsprint consumption in 1962 and 74 percent in 1963 and 1964.

§ Revised to reflect weekly averages for new orders and production, and percent activity on basis of 6.5 days per week; comparable data prior to 1962 will be shown later. ⊙ Revisions by months for 1962–Feb. 1963 will be shown later.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																
Production, finished cement ..... thous. bbl.	28,027	29,441	34,992	36,802	37,452	34,682	36,624	30,377	23,993	18,931	19,729	24,697	29,493	34,417	36,185	
Percent of capacity	75	74	89	91	93	88	90	77	59	46	51	61	75	84	92	
Shipments, finished cement ..... thous. bbl.	27,893	29,354	35,431	39,145	40,257	36,547	41,352	26,317	16,958	17,425	17,597	22,722	29,178	35,511	38,750	
Stocks, end of month:																
Finished ..... do	36,720	38,029	40,322	38,057	35,209	33,236	28,485	32,491	39,556	41,047	43,180	45,152	45,462	44,368	41,860	
Clinker ..... do	24,160	23,072	27,332	23,884	19,774	17,400	13,631	13,820	16,793	21,741	25,610	29,242	30,667	29,580	27,184	
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face) mil. standard brick	576.1	617.1	691.8	747.4	745.3	684.3	776.7	620.4	431.1	424.1	446.5	590.8	r 679.3	739.8		
Structural tile, except facing ..... thous. sh. tons	35.2	32.0	36.3	39.7	35.6	30.9	34.1	26.2	23.4	27.1	25.1	29.6	31.7	32.6		
Sewer pipe and fittings, vitrified ..... do	142.8	145.6	171.5	176.1	186.9	171.1	186.4	135.1	94.8	93.4	101.3	137.5	151.8	166.4		
Facing tile (hollow), glazed and unglazed mil. brick equivalent	33.6	29.7	32.7	32.4	33.1	29.7	35.7	29.2	25.8	22.8	21.9	26.4	27.8	25.2		
Floor and wall tile and accessories, glazed and unglazed ..... mil. sq. ft.	21.1	22.2	23.5	23.3	24.5	22.8	25.3	21.5	19.1	21.0	20.6	24.6	r 25.5	23.9		
Price index, brick (common), f.o.b. plant or N.Y. dock ..... 1957-59=100	104.9	106.1	106.4	106.4	106.4	105.8	105.8	105.9	106.1	106.1	107.1	107.1	107.3	107.3	107.1	
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments (qtrly. average or total) thous. $	71,497	78,274	75,501			80,857			89,298			r 78,211			80,644	
Sheet (window) glass, shipments ..... do	31,612	35,376	32,976			38,766			41,314			32,610			35,272	
Plate and other flat glass, shipments ..... do	39,885	42,904	42,525			42,091			47,984			r 45,601			45,372	
Glass containers:																
Production ..... thous. gross	14,655	15,166	16,214	16,202	17,095	14,803	15,677	14,271	12,712	14,424	14,704	15,877	16,391	16,776	17,652	
Shipments, domestic, total ..... do	14,319	14,730	15,866	15,601	17,741	14,805	15,497	13,283	13,382	13,714	13,397	15,377	16,514	15,283	16,967	
General-use food:																
Narrow-neck food ..... do	1,582	1,602	1,396	1,803	2,290	2,765	1,838	1,186	1,204	1,331	1,294	1,508	1,642	1,367	1,455	
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars) ..... thous. gross	4,110	4,100	4,031	4,048	5,275	4,124	4,633	3,847	3,848	4,181	4,054	4,134	3,911	4,040	4,355	
Beverage ..... do	1,187	1,350	2,141	1,969	1,430	858	921	959	1,382	845	987	1,422	1,700	2,105	2,395	
Beer bottles ..... do	2,183	2,453	3,215	3,264	2,983	1,971	2,157	2,101	2,286	2,054	2,137	2,683	3,542	2,822	3,543	
Liquor and wine ..... do	1,269	1,295	1,319	1,060	1,338	1,337	1,643	1,323	1,226	1,286	1,293	1,413	1,392	1,379	1,425	
Medicinal and toilet ..... do	3,066	3,061	2,867	2,588	3,431	2,933	3,401	3,095	2,704	3,263	2,956	3,364	3,490	2,890	3,089	
Chemical, household and industrial ..... do	786	742	789	686	812	679	765	648	584	639	602	751	699	590	637	
Dairy products ..... do	134	127	108	123	182	138	139	124	148	115	94	102	138	90	104	
Stocks, end of month ..... do	22,921	25,533	26,086	26,401	26,006	25,151	25,564	26,315	25,540	26,067	25,893	26,136	25,633	26,948	27,294	
GYPSUM AND PRODUCTS																
Crude gypsum, qtrly. avg. or total:																
Imports ..... thous. sh. tons	1,355	1,372	1,532			1,566			1,375			1,397			1,280	
Production ..... do	2,492	r 2,561	r 2,750			2,902			2,425			2,377			2,733	
Calcined, production, qtrly. avg. or total ..... do	2,205	2,295	2,403			2,518			2,226			2,209			2,437	
Gypsum products sold or used, qtrly. avg. or total:																
Uncalcined uses ..... thous. sh. tons	1,012	r 1,035	r 1,250			1,263			947			822			1,200	
Industrial uses ..... do	67	70	72			70			69			73			75	
Building uses:																
Plasters:																
Base-coat ..... do	256	259	283			284			232			237			269	
All other (incl. Keene's cement) ..... do	257	250	260			289			240			217			254	
Lath ..... mil. sq. ft.	396.2	387.3	401.3			437.0			365.6			365.7			391.8	
Wallboard ..... do	1,657.9	1,777.4	1,832.2			1,994.8			1,730.1			1,721.1			1,905.7	
All other§ ..... do	58.9	62.0	68.8			69.0			60.9			51.6			73.8	
TEXTILE PRODUCTS																
WOVEN FABRICS																
Woven fabrics (gray goods), weaving mills: ⊕																
Cloth woven, total ..... mil. linear yd.	975.5	981.9	929.4	[1] 923.2	934.4	939.8	[1] 1,179.7	957.0	887.1							
Cotton ..... do	760.2	756.9	710.0	[1] 710.7	720.9	719.1	[1] 915.3	736.3	684.2	[1] 893.8	741.3	733.0	[1] 898.5	729.1		
Stocks, end of year or mo., total♂ ..... do	1,488.0	1,509.3	1,518.0	[1] 1,491.5	1,506.1	1,505.0	[1] 1,475.7	1,494.5	1,564.0							
Cotton♂ ..... do	1,192.5	1,176.7	1,165.0	[1] 1,133.6	1,158.5	1,164.0	[1] 1,149.9	1,168.0	1,235.6	[1] 1,157.1	1,131.4	1,116.5	[1] 1,081.4	1,087.1		
Orders (unfilled), end of year or mo., total ¶ ..... do	2,472.3	2,491.5	2,311.0	[1] 2,436.3	2,506.4	2,546.1	[1] 2,827.9	2,968.9	2,892.8							
Cotton ¶ ..... do	1,848.9	1,800.8	1,672.1	[1] 1,760.3	1,798.8	1,848.8	[1] 2,023.4	2,127.1	2,084.8	[1] 1,882.5	1,797.4	1,682.2	[1] 1,555.8	1,624.8		
COTTON																
Cotton (exclusive of linters):																
Production:																
Ginnings△ ..... thous. running bales	[2] 14,864	[2] 15,283		245	r 1,326	r 4,786	r 10,055	r 12,820	[3] 14,070	[4] 15,117						15
Crop estimate, equivalent 500-lb. bales thous. bales	[2] 14,867	[2] 15,327														[5] 14,78
Consumption ⊙ ..... do	726	700	662	[1] 685	667	663	[1] 829	678	605	[1] 814	683	673	[1] 831	687	683	
Stocks in the United States, end of mo., total ⊙ thous. bales	14,696	17,741	11,893	11,216	24,531	24,046	23,360	22,296	21,170	19,512	18,407	16,957	15,700	14,683	13,712	
Domestic cotton, total ⊙ ..... do	14,593	17,613	11,794	11,123	24,395	23,899	23,207	22,146	21,019	19,373	18,277	16,839	15,594	14,588	13,632	
On farms and in transit ..... do	3,371	3,492	283	280	13,532	11,230	6,948	4,391	2,354	1,218	1,066	459	411	387	427	
Public storage and compresses ⊙ ..... do	9,564	12,762	10,183	9,647	9,807	11,688	15,209	16,510	17,260	16,557	15,539	14,664	13,582	12,750	11,933	
Consuming establishments ..... do	1,658	1,359	1,328	1,196	1,056	981	1,050	1,245	1,405	1,598	1,672	1,716	1,601	1,451	1,272	
Foreign cotton, total ⊙ ..... do	103	128	99	93	136	147	153	149	151	139	130	118	106	95	80	

r Revised. [1] Data cover 5 weeks; other months, 4 weeks. [2] Total crop for year. [3] Ginnings to Dec. 13. [4] Ginnings to Jan. 16. [5] Aug. 1 estimate of 1964 crop.

§ Comprises sheathing, formboard, and laminated board.

⊕ Effective Jan. 1964, the manmade fabrics classifications were revised and the survey expanded to include drapery fabrics; silk and chiefly silk mixtures were omitted from the canvass. Because of apparent reporting problems in the synthetics, data for total fabrics are being withheld; May 1964 figures for wool apparel fabrics (mil. yd.): Woven, 22.6; stocks, 34.0.

♂ Stocks are those owned by weaving mills and those billed and held for others, excep that stocks exclude denims stocks billed and held for others, and all bedsheeting stocks.

¶ Excludes orders for wool apparel fabrics and bedsheeting △ Total ginnings to end month indicated, except as noted. ⊙ Revisions for Aug.-Dec. 1962 are available; for stock monthly averages also reflect cotton released by GSA from the cotton stockpile (beginnin July 1962).

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TEXTILE PRODUCTS—Continued																
COTTON—Continued																
Cotton (exclusive of linters)—Continued																
Exports.....thous. bales..	321	363	244	183	274	361	384	501	628	587	570	490	400	381	387	.....
Imports.....do....	12	11	5	3	79	4	24	5	1	1	3	5	6	4	2	.....
Prices (farm), American upland.....cents per lb..	[1] 31.7	p [2] 31.9	32.5	31.8	32.0	32.7	32.9	32.5	31.3	30.1	29.4	30.7	31.7	32.1	32.4	32.5
Prices, middling 1", avg., 15 markets.....do....	[1] 33.5	p [2] 33.1	33.9	33.4	33.2	33.1	33.1	33.1	33.2	33.2	33.3	33.4	33.4	33.4	33.3	32.6
Cotton linters:																
Consumption⊙.....thous. bales..	109	111	115	[3] 99	114	106	[3] 131	100	99	[3] 129	111	108	[3] 132	109	118	.....
Production†.....do....	134	129	46	36	63	147	205	201	169	184	165	147	119	89	62	.....
Stocks, end of mo†.....do....	628	667	615	550	482	497	566	651	699	760	783	797	777	726	649	.....
COTTON MANUFACTURES																
Spindle activity (cotton system spindles):																
Active spindles, last working day, total..thous..	18,797	18,627	18,609	18,638	18,681	18,696	18,742	18,660	18,625	18,591	18,543	18,492	18,484	18,442	18,376	.....
Consuming 100 percent cotton.....do....	16,754	15,826	15,767	15,692	15,757	15,758	15,753	15,653	15,656	15,596	15,521	15,440	15,381	15,292	15,208	.....
Spindle hours operated, all fibers, total.....mil..	9,911	9,863	9,280	[3] 9,819	9,344	9,345	[3] 11,788	9,538	8,563	[3] 11,579	9,494	9,294	[3] 11,503	9,481	9,422	.....
Average per working day.....do....	458	456	464	393	467	467	472	477	428	463	475	465	460	474	471	.....
Consuming 100 percent cotton.....do....	8,801	8,359	7,833	[3] 8,162	7,870	7,903	[3] 9,903	8,000	7,220	[3] 9,742	7,978	7,798	[3] 9,609	7,892	7,836	.....
Cotton yarn, natural stock, on cones or tubes:																
Prices, f.o.b. mill:																
20/2, carded, weaving.....$ per lb..	.660	.644	.640	.640	.640	.645	.645	.650	.655	.655	.655	.655	.636	.631	p .631	.....
36/2, combed, knitting.....do....	.938	.912	.911	.911	.911	.911	.911	.920	.923	.923	.923	.918	.913	r .895	p .897	.....
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production, qtrly. avg. or total‡...mil. lin. yd..	2,312	2,195	2,242	.....	.....	2,072	.....	.....	r 2,215	.....	.....	2,231	.....	.....	.....	.....
Orders, unfilled, end of mo., as compared with avg. weekly production....No. weeks' prod..	10.8	10.6	9.6	12.6	10.1	10.5	11.5	12.3	12.8	11.0	10.1	9.7	9.1	9.4	.....	.....
Inventories, end of mo., as compared with avg. weekly production.....No. weeks' prod..	5.4	5.5	5.4	6.4	5.3	5.3	5.1	5.0	5.5	5.1	4.9	4.9	5.0	5.1	.....	.....
Ratio of stocks to unfilled orders (at cotton mills), end of mo., seasonally adjusted.....	.51	.52	.56	.52	.49	.48	.41	.39	.42	.47	.51	.52	.57	.56	.....	.....
Exports.....thous. sq. yd..	34,691	36,942	26,918	33,827	27,543	27,543	36,764	31,681	33,389	33,704	39,744	38,638	38,495	.....	.....	.....
Imports.....do....	38,671	38,223	32,832	39,150	35,263	31,448	33,606	22,672	35,266	42,685	23,996	31,987	.....	.....	.....	.....
Mill margins.....cents per lb..	25.24	25.20	24.25	24.71	25.27	25.80	26.23	26.73	26.92	26.87	25.85	26.87	26.37	25.95	25.11	25.35
Prices, wholesale:																
Denim, mill finished.....cents per yd..	39.6	38.1	38.3	38.3	38.2	37.7	37.7	37.7	37.7	37.7	37.7	38.0	37.7	37.7	p 37.0	.....
Print cloth, 39 inch, 68 x 72.....do....	15.4	15.9	15.7	15.7	15.9	16.0	16.3	17.0	17.0	17.0	17.0	17.0	16.5	15.8	p 15.7	.....
Sheeting, class B, 40-inch, 48 x 44-48....do...	17.0	17.0	17.0	17.0	16.9	16.9	16.9	17.1	17.8	17.8	17.5	17.7	17.8	17.8	p 16.7	.....
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly. avg. or total⊙....mil. lb..	597.3	659.2	640.7	.....	.....	676.8	.....	.....	705.8	.....	.....	728.1	.....	.....	.....	.....
Filament yarn (rayon and acetate).....do....	181.5	177.4	174.2	.....	.....	176.6	.....	.....	189.3	.....	.....	189.6	[4] 62.9	[4] 62.6	[4] 64.5	.....
Staple, incl. tow (rayon).....do....	125.0	144.8	141.2	.....	.....	146.0	.....	.....	152.6	.....	.....	162.2	[4] 52.7	[4] 44.0	[4] 44.8	.....
Noncellulosic (nylon, acrylic, protein, etc.)..do....	243.2	289.0	277.4	.....	.....	305.7	.....	.....	313.4	.....	.....	322.4	.....	.....	.....	.....
Textile glass fiber.....do....	47.6	48.0	47.9	.....	.....	48.5	.....	.....	50.5	.....	.....	53.9	.....	.....	.....	.....
Exports:																
Yarns and monofilaments.....thous. lb..	9,177	8,196	10,858	7,980	8,197	8,330	8,008	8,662	9,160	7,442	6,691	8,899	8,498	9,005	10,177	.....
Staple, tow, and tops.....do....	4,281	4,187	3,170	4,715	4,679	4,003	5,556	6,080	4,309	2,499	5,544	3,938	3,664	3,199	5,913	.....
Imports:																
Yarns and monofilaments.....do....	809	680	512	723	813	837	884	487	510	529	437	518	563	592	882	.....
Staple, tow, and tops.....do....	5,463	10,463	10,294	12,262	10,063	10,155	13,089	12,913	15,462	15,367	12,357	17,415	12,287	11,578	10,453	.....
Stocks, producers', end of mo.:																
Filament yarn (rayon and acetate).....mil. lb..	53.2	56.8	56.5	58.5	58.5	57.3	53.1	50.4	47.0	44.7	43.6	41.0	37.9	36.1	34.9	.....
Staple, incl. tow (rayon).....do....	48.4	35.5	29.4	32.1	32.1	33.9	38.5	35.7	37.9	40.3	41.9	48.3	52.5	56.6	60.9	.....
Noncellulosic fiber⊙.....do....	[5] 79.8	[5] 113.3	94.9	.....	.....	119.6	.....	.....	135.9	.....	.....	137.4	.....	.....	.....	.....
Textile glass fiber.....do....	[5] 27.0	[5] 28.5	28.0	.....	.....	27.9	.....	.....	29.7	.....	.....	29.0	.....	.....	.....	.....
Prices, rayon (viscose):																
Yarn, filament, 150 denier△.....$ per lb..	.82	.82	.82	.82	.82	.82	.82	.82	.82	.78	.78	.78	.78	.78	p .78	.....
Staple, 1.5 denier△.....do....	.26	.27	.27	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	p .28	p .28	.....
Manmade fiber broadwoven fabrics:																
Production, qtrly. avg. or total♀‡...mil. lin. yd..	682.8	754.2	757.5	.....	.....	725.0	.....	.....	795.5	.....	.....	.....	.....	.....	.....	.....
Rayon and acetate (excl. tire fabric).....do....	397.0	428.5	430.4	.....	.....	415.3	.....	.....	454.7	.....	.....	.....	.....	.....	.....	.....
Nylon and chiefly nylon mixtures.....do....	75.9	73.7	72.1	.....	.....	71.8	.....	.....	74.9	.....	.....	.....	.....	.....	.....	.....
Polyester and chiefly polyester blends...do....	147.8	188.2	187.8	.....	.....	177.6	.....	.....	200.3	.....	.....	.....	.....	.....	.....	.....
Exports, piece goods.....thous. sq. yd..	11,633	12,972	13,676	10,492	13,689	13,439	13,684	13,283	14,693	14,061	13,788	17,318	16,628	16,612	15,880	.....
SILK																
Imports, raw.....thous. lb..	539	532	492	427	591	536	767	806	792	565	940	677	595	519	498	.....
Price, raw, AAA, 20-22 denier ⊕.....$ per lb..	6.03	.....	7.70	6.80	6.93	6.48	6.16	6.42	6.25	5.97	p 5.68	p 5.65	p 5.62	p 5.62	p 5.77	.....
Production, fabric, qtrly. avg. or total‡ thous. lin. yd..	5,951	4,497	4,349	.....	.....	4,205	.....	.....	4,540	.....	.....	.....	.....	.....	.....	.....
WOOL																
Wool consumption, mill (clean basis):‡																
Apparel class.....mil. lb..	23.4	20.9	21.4	[3] 21.1	20.0	18.2	[3] 20.7	16.1	16.7	[3] 22.7	19.0	17.8	[3] 21.3	19.2	19.8	.....
Carpet class.....do....	12.4	13.4	10.6	[3] 12.1	13.5	13.6	[3] 16.0	12.0	10.6	[3] 13.6	10.6	9.4	[3] 11.1	7.5	8.6	.....
Wool imports, clean yield.....do....	23.1	23.8	20.1	29.6	22.2	16.0	20.6	13.7	25.9	21.6	21.6	17.8	18.5	18.5	13.8	.....
Duty-free (carpet class)*.....do....	11.8	14.0	11.2	22.0	16.0	10.4	14.7	6.9	14.8	11.8	11.5	8.9	9.8	11.5	6.6	.....
Wool prices, raw, clean basis, Boston:																
Good French combing and staple:																
Graded territory, fine.....$ per lb..	1.247	1.326	1.300	1.325	1.325	1.325	1.325	1.325	1.425	1.425	1.450	1.450	1.415	1.375	1.375	1.335
Graded fleece, ⅜ blood.....do....	1.090	1.175	1.140	1.175	1.175	1.191	1.205	1.226	1.255	1.255	1.255	1.255	1.255	1.289	1.300	1.300
Australian, 64s, 70s, good topmaking.....do....	1.155	1.285	1.275	1.275	1.275	1.275	1.275	1.275	1.455	1.455	1.455	1.455	1.439	1.375	1.375	1.375
WOOL MANUFACTURES																
Knitting yarn, worsted, 2/20s-50s/56s, Bradford system, wholesale price.....1957-59=100..	100.6	105.4	105.4	104.6	104.6	104.6	104.6	107.1	107.9	107.9	107.9	107.9	107.9	107.9	107.5	.....
Woolen and worsted woven goods, exc. felts:																
Production, qtrly. avg. or total‡....thous. lin. yd..	77,465	71,630	78,166	.....	.....	67,583	.....	.....	63,783	.....	.....	68,145	.....	.....	.....	.....
Apparel fabrics, total.....do....	75,310	68,864	75,246	.....	.....	65,544	.....	.....	61,027	.....	.....	66,159	.....	.....	.....	.....
Women's and children's.....do....	45,423	43,372	46,837	.....	.....	45,451	.....	.....	39,547	.....	.....	42,075	.....	.....	.....	.....
Suiting, price (wholesale), flannel, men's and boys, f.o.b. mill.....1957-59=100..	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	.....

r Revised. p Preliminary. [1] Season average. [2] Season average to Feb. 1, 1964. [3] Data cover 5 weeks; other months, 4 weeks. [4] For month shown. [5] Qrtly. average.
♀ Includes data not shown separately. ⊙ Revisions for 1962 are available.
† Production and stocks of linters at oil mills revised to approximate running bales; data back to Aug. 1958 are available.
⊕ Beginning Feb. 1963, price in skeins, AAA grade; comparable Jan. 1963 price, $7.67 per pound. ‡ Revisions for 1st half of 1962 are available upon request.
△ Effective Jan. 1964, data not strictly comparable with earlier prices.

*New series. Data cover wools, not finer than 46s, and camel hair, duty-free, for use in the manufacture of rugs, carpets and certain specified items. Prior to the Feb. 1964 SURVEY, imports of apparel class wool were shown; however, the calculated difference between total wool imports and the former apparel class is not comparable with the present carpet class, since the former "apparel" class included certain coarse wools (finer than 40s but not finer than 46s) duty-free effective July 1958, for use in carpets, etc. Monthly data for 1959-62 are available.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963							1964						
	Monthly average		June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TEXTILE PRODUCTS—Continued																
APPAREL																
Hosiery, shipments ... thous. doz. pairs	14,343	15,007	14,722	14,361	17,159	15,194	17,584	14,331	13,399	16,350	15,411	15,423	14,763	13,892	16,544	.....
Men's apparel, cuttings: †																
Tailored garments:																
Suits ... thous. units	1,685	1,799	1,666	1,131	1,838	1,589	2,011	1,787	1,677	1,934	1,771	1,664	1,929	1,724	.....	.....
Overcoats and topcoats ... do	401	329	473	314	489	343	316	231	158	189	209	225	309	362	.....	.....
Coats (separate), dress and sport ... do	943	1,054	992	730	1,024	882	1,218	1,022	967	1,169	1,030	1,021	1,173	1,116	.....	.....
Trousers (separate), dress and sport ... do	9,527	9,120	9,595	8,876	10,214	8,843	9,480	8,383	7,384	9,560	9,587	9,698	10,672	10,847	.....	.....
Shirts (woven fabrics), dress and sport ... thous. doz	2,061	2,071	1,929	1,548	2,201	1,918	2,276	2,100	1,853	2,138	2,101	2,020	2,118	2,098	.....	.....
Work clothing:																
Dungarees and waistband overalls ... do	281	366	325	372	425	410	475	373	325	402	424	433	444	409	.....	.....
Shirts ... do	303	313	340	283	335	311	341	307	219	336	325	319	339	306	.....	.....
Women's, misses', juniors' outerwear, cuttings: †																
Coats ... thous. units	2,002	2,046	2,161	2,488	2,739	2,440	2,529	2,001	1,727	2,247	2,445	1,588	1,032	1,541	.....	.....
Dresses ... do	20,880	21,914	20,721	19,340	21,061	18,874	22,353	18,933	15,915	21,920	24,866	28,149	29,943	25,521	.....	.....
Suits ... do	806	828	734	813	813	636	858	796	770	1,259	1,362	868	584	619	.....	.....
Blouses, waists, and shirts ... thous. doz	1,370	1,363	1,180	1,263	1,371	1,263	1,640	1,351	1,041	1,408	1,500	1,442	1,471	1,250	.....	.....
Skirts ... do	656	825	874	935	1,005	804	978	690	607	741	776	758	825	843	.....	.....
TRANSPORTATION EQUIPMENT																
AEROSPACE VEHICLES																
Orders, new (net), qtrly. avg. or total ... mil. $	3,741	4,414	4,020	.....	.....	5,194	.....	.....	3,656	.....	.....	4,899	.....	.....	.....	.....
U.S. Government ... do	2,996	3,519	3,209	.....	.....	4,003	.....	.....	2,758	.....	.....	3,863	.....	.....	.....	.....
Prime contract ... do	3,330	4,018	3,656	.....	.....	4,680	.....	.....	3,263	.....	.....	4,443	.....	.....	.....	.....
Sales (net), receipts or billings, qtrly. avg. or total ... mil. $	3,993	4,102	3,991	.....	.....	4,170	.....	.....	4,257	.....	.....	4,098	.....	.....	.....	.....
U.S. Government ... do	3,138	3,301	3,207	.....	.....	3,418	.....	.....	3,398	.....	.....	3,144	.....	.....	.....	.....
Backlog of orders, end of year or qtr. ♀ ... do	13,138	13,919	13,498	.....	.....	14,522	.....	.....	13,919	.....	.....	14,726	.....	.....	.....	.....
U.S. Government ... do	10,572	10,953	10,994	.....	.....	11,579	.....	.....	10,953	.....	.....	11,672	.....	.....	.....	.....
Aircraft (complete) and parts ... do	5,045	5,301	5,438	.....	.....	5,345	.....	.....	5,301	.....	.....	5,879	.....	.....	.....	.....
Engines (aircraft) and parts ... do	1,527	1,510	1,406	.....	.....	1,484	.....	.....	1,510	.....	.....	1,383	.....	.....	.....	.....
Missiles, space vehicle systems, engines, propulsion units, and parts ... mil. $	4,056	4,661	4,293	.....	.....	5,151	.....	.....	4,661	.....	.....	4,824	.....	.....	.....	.....
Other related operations (conversions, modifications), products, services ... mil. $	1,480	1,295	1,292	.....	.....	1,365	.....	.....	1,295	.....	.....	1,403	.....	.....	.....	.....
Aircraft (civilian): Shipments ⊕ ... do	81.8	57.2	57.4	47.1	48.7	58.4	63.3	52.8	88.1	84.6	66.5	96.7	114.6	92.3	96.0	.....
Airframe weight ⊕ ... thous. lb	1,682	1,340	1,250	1,023	1,097	1,199	1,380	1,306	2,045	1,815	1,567	2,011	2,297	1,997	2,091	.....
Exports ... mil. $	27.3	20.3	7.0	9.3	18.5	13.2	11.6	20.9	15.4	41.8	17.9	25.0	33.4	24.0	19.8	.....
MOTOR VEHICLES																
Factory sales, total ... thous.	681.1	758.4	804.1	790.0	251.4	598.8	945.7	873.3	881.8	859.6	814.1	860.5	939.9	r 875.7	893.2	p 710.6
Domestic ... do	654.6	730.0	778.1	763.7	240.3	566.1	906.2	836.8	846.4	831.5	784.8	829.3	909.3	r 845.1	862.6	.....
Passenger cars, total ... do	577.8	636.5	687.5	660.9	167.8	481.8	804.0	748.5	754.0	726.2	681.1	718.0	786.4	735.0	740.6	p 586.7
Domestic ... do	562.8	620.3	672.9	649.4	165.1	463.0	779.2	726.2	733.0	709.0	665.4	700.9	770.2	719.5	726.7	.....
Trucks and buses, total ... do	103.3	121.9	116.6	129.1	83.6	117.0	141.7	124.7	127.8	133.5	133.1	142.5	153.5	r 140.7	152.5	p 123.9
Domestic ... do	91.9	109.7	105.2	114.2	75.2	103.1	127.0	110.6	113.5	122.5	119.4	128.4	139.1	r 125.6	136.0	.....
Exports, total ... number	20,100	22,928	23,667	17,587	13,241	17,142	27,970	42,056	34,607	33,829	27,606	23,857	22,407	27,769	34,681	.....
Passenger cars (new and used) ... do	11,246	12,851	14,151	6,837	3,519	8,294	14,998	29,066	24,799	20,274	13,995	11,932	12,031	13,166	18,986	.....
Trucks and buses ... do	8,855	10,076	9,516	10,750	9,722	8,848	12,972	12,990	9,808	13,555	13,611	11,925	10,376	14,603	15,695	.....
Imports (cars, trucks, buses), total♂ ... do	33,080	36,534	31,049	39,834	21,978	32,350	38,835	39,086	40,952	45,588	38,426	47,238	46,104	41,211	47,015	.....
Passenger cars (new and used)♂ ... do	32,063	35,308	29,814	38,693	21,240	31,019	36,834	38,504	40,037	44,330	38,243	46,868	45,950	40,808	46,481	.....
Shipments, truck trailers: △																
Complete trailers and chassis ... do	6,081	6,465	6,407	6,153	6,541	6,404	7,434	6,590	6,503	6,135	5,910	7,184	8,141	7,991	8,185	.....
Vans ... do	3,733	3,885	3,792	3,514	3,879	3,736	4,556	4,311	4,139	3,802	3,609	4,246	4,745	4,562	4,614	.....
Trailers and chassis (detachable), sold separately ... number	537	445	341	505	276	285	365	427	459	342	289	515	607	623	627	.....
Registrations: ⊙																
New passenger cars ... thous.	578.2	629.7	691.6	706.0	552.9	493.6	714.7	640.2	712.0	612.0	551.8	636.9	812.3	780.6	754.3	.....
Foreign cars ... do	28.3	32.1	35.9	34.5	31.5	33.7	32.2	26.4	35.8	35.4	29.8	35.8	45.0	41.3	42.5	.....
New commercial cars (trucks) ... do	89.1	103.7	102.8	111.3	105.0	93.5	117.1	100.4	114.6	102.7	90.9	108.3	132.5	124.3	122.4	.....
RAILROAD EQUIPMENT																
Freight cars (ARCI):																
Shipments ... number	3,046	3,747	3,701	4,017	4,141	4,327	4,725	3,911	4,442	5,253	5,467	6,780	6,529	6,931	6,759	.....
Equipment manufacturers, total ... do	1,962	2,608	2,685	3,016	2,907	2,984	3,366	2,925	3,087	3,299	3,674	4,336	3,531	3,947	4,190	.....
Railroad shops, domestic ... do	1,085	1,140	1,016	1,001	1,234	1,343	1,359	986	1,355	1,954	1,793	2,444	2,998	2,984	2,569	.....
New orders ... do	3,076	r 5,143	2,349	4,354	3,020	2,319	r 8,066	8,273	10,382	r 10,552	3,701	7,696	r 2,799	r 7,183	4,594	.....
Equipment manufacturers, total ... do	1,979	r 3,665	1,908	2,083	2,986	1,921	r 3,637	6,673	7,868	3,441	3,172	5,464	r 2,499	r 5,134	3,554	.....
Railroad shops, domestic ... do	1,097	r 1,478	441	2,271	34	398	r 4,429	1,600	2,514	r 7,111	529	2,232	300	r 2,049	1,040	.....
Unfilled orders, end of year or mo ... do	14,315	22,183	21,959	21,925	20,749	18,388	22,196	26,611	32,311	37,836	36,080	36,922	34,690	33,410	30,631	.....
Equipment manufacturers, total ... do	6,788	12,645	13,233	12,279	12,303	11,188	11,626	15,425	20,161	20,291	19,789	20,960	19,930	21,084	20,383	.....
Railroad shops, domestic ... do	7,527	9,538	8,726	9,646	8,446	7,200	10,570	11,186	12,150	17,545	16,291	15,962	14,760	12,326	10,248	.....
Passenger cars: Shipments ... do	23	16	9	26	43	42	35	24	14	5	5	5	5	6	15	.....
Unfilled orders, end of mo ... do	174	198	204	178	250	220	202	178	317	352	387	382	377	371	356	.....
Freight cars, class 1 (AAR): §																
Number owned, end of year or mo ... thous.	1,552	1,515	1,530	1,531	1,528	1,527	1,521	1,519	1,515	1,513	1,507	1,505	1,503	1,502	1,501	.....
Held for repairs, % of total owned	8.0	6.8	7.6	7.9	7.7	7.7	7.1	7.0	6.8	6.5	6.3	6.3	6.2	6.1	6.0	.....

r Revised. p Preliminary estimate of production.
† Monthly revisions for Jan. 1961–Oct. 1962 are available upon request.
♀ Total includes backlog for nonrelated products and services and basic research.
⊕ Data include military-type planes shipped to foreign governments.
♂ Data cover complete units, chassis, and bodies.

△ Effective with the Apr. 1964 SURVEY, shipments have been substituted for production. Shipments of trailer chassis only and dump trailer chassis, sold separately, are now included with the complete trailers and chassis (except detachable). Data back to 1961 are available.
⊙ Courtesy of R. L. Polk & Co.; republication prohibited.
§ Excludes railroad-owned private refrigerator cars and private line cars.

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