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The Business Situation

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BUSINESS activity slowed down in October because of the General Motors strike. Total employment, retail trade and industrial production were lower, and personal income rose very little. If allowance is made for the loss in jobs, income and production in the auto industry and for the decline in retail auto sales, the situation appears quite favorable. Since the strike was fully settled in the second week of the current month, November should show a pickup. Whether a resumption of the underlying upward trend in total activity will be apparent is still not clear because of walkouts in several Ford plants.

Third quarter GNP, income and profits

The regular estimates of third quarter GNP and preliminary estimates of national income and corporate profits appear in the tables on pages 30-32.¹ On the basis of more complete data than were available for last month's preliminary figures, the third quarter GNP is now estimated at \$628½ billion, a rise of \$10 billion over the second quarter. Both the overall amount and the broad pattern of change in final sales were not very different from the numbers presented in October. The inventory change, however, was revised upward; the rise in inventories during the month of September was the largest since

April and reflected increases in trade as well as in manufacturing stocks.

Over the quarter personal consump-

tion expenditures rose \$8½ billion, producers' durable equipment and non-residential construction were up almost \$1½ billion, as were State and local outlays, and net exports. Residential construction eased, Federal Government purchases were lower and the rate of inventory accumulation fell.

According to preliminary estimates corporate profits were little changed in the third quarter from the very high second quarter rate. As measured for national income purposes—before taxes and including the inventory valuation adjustment—profits exceeded \$58 billion at a seasonally adjusted annual rate. With prices continuing to show little change, the inventory valuation adjustment continued to be almost negligible and book profits also approximated \$58 billion.

The year-to-year changes are especially impressive: before taxes book profits are up \$6¼ billion, or 13 percent, while after tax earnings, which reflect the further effect of the corporate tax cut, are up \$5¼ billion, or about one-fifth.

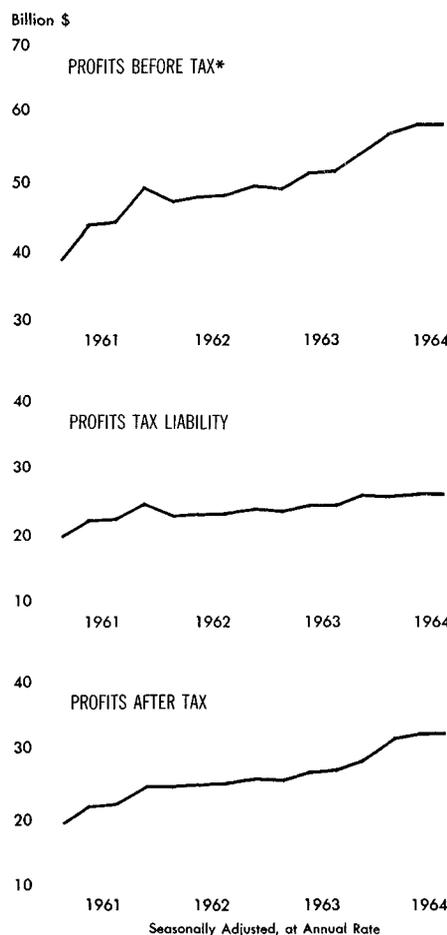
October personal income up, employment lower

With a substantial drop in payrolls of the automobile industry and many of its supplying plants, personal income increased only \$0.7 billion in October, to a seasonally adjusted annual rate of \$498.6 billion. Total payrolls were unchanged, however, because of moderate increases in payrolls in other private industries as a group, and a rather sharp advance in wages and salaries of State and local government

Profits Little Changed in 3d Quarter

OVER THE YEAR

- Before tax profits up 13 percent
- After tax profits up 20 percent



* Excludes inventory valuation adjustment

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

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1. Attention is called to the revision of second quarter 1964 Federal personal taxes and nontax receipts, which have been revised upward by \$1.2 billion on the basis of more complete information. (See tables.)

employees. Other types of income increased more than \$¼ billion over the month.

For the most part the payroll changes were a reflection of employment changes. Employment in nonfarm establishments was down 65,000 over the month, with durable goods manufacturing off by 250,000.

The unemployment situation did not change much from September to October, according to the regular household survey. Although the survey was taken while the General Motors walk-out was in progress, the figures were not especially affected by the strike, since those not working as a direct result of a work stoppage are classified as "with a job but not at work." The October unemployment rate was 5.2 percent, the same as the September figure; in general this ratio has been on a plateau since May.

Retail trade reflects auto decline

Retail store sales were strong in October, after allowance for the sharp drop in new car sales. While advance figures (seasonally adjusted) show that overall volume was off 3 percent from September, sales excluding those of auto dealers were up by a comparable percentage, after a dip in the previous month. If there was some diversion of spending from new cars to other types of goods last month it does not seem to have been very large. October retail sales, not counting the automotive group, did not appear to be unusually high gaged against the month-to-month changes since early this year.

Sales at nondurable goods outlets reached a new high in October, up about 2 percent from September, with good-sized increases in most kinds of business. Durable goods stores reported a 13-percent decline over the month. Sales of new domestic cars fell to 566,000

units, the lowest October total since 1961. This was an annual rate of 5½ million units, far below the third quarter average of 8¾ million. Partially offsetting the reduction in auto sales was an improvement in sales of furniture and appliance stores, which had changed little since early summer.

Construction outlays lower

Construction expenditures, which rose through the first three quarters of this year, now appear to be edging downward. Spending for new construction eased from September to October as a further gain in private nonresidential building outlays was more than offset by a drop in public activity and a continuation of the decline in private residential building. Total outlays for the month are estimated at a seasonally adjusted annual rate of \$65½ billion, down about 1 percent from the third quarter average.

Private nonresidential construction has been bolstered by the substantial increases in spending for industrial and commercial facilities. Outlays for industrial construction, now running at a \$3½ billion annual rate, are more than 15 percent above the first quarter 1964 average and are at their highest level since mid-1957. Commercial construction reached a new peak in October despite a further slight decline in construction of office buildings.

The downtrend in private residential construction reflects the decline in nonfarm housing starts that has been underway since early this year. Private residential construction expenditures reached an annual rate of more than \$28 billion in March and have since dropped fairly steadily, to a \$25½ billion rate in October.

Wholesale prices up a little

Wholesale prices of industrial commodities rose 0.4 percent in October,

after remaining virtually unchanged for 6 months. The October rise brought the index a little above its beginning-of-year level. Advances were widespread, and a large part of the overall increase was attributable to higher metals prices. Quotations on steel reinforcing bars went up sharply in mid-month and prices of large-diameter steel pipe were raised toward month-end. Prices of tin, lead, copper, and zinc rose considerably.

Consumer prices fairly steady

The consumer price index rose 0.2 percent in September to 108.4 percent of the 1957-59 average, an increase about in line with the usual seasonal movement. After a rough allowance for seasonality, it appears that higher food and service costs were offset by declines in clothing and automobile prices.

Food costs advanced mainly because of higher prices for meats, poultry, and fish, which reached their high point of the year. Very heavy marketings of cattle dropped wholesale beef quotations during October, and it is likely that some reduction in retail prices also occurred.

Prices of commodities other than food were somewhat lower on balance in September. The introduction of fall apparel lines was not accompanied by price increases as large as those of other recent years. New car prices declined somewhat more than seasonally, as dealers made intensive efforts to reduce stocks of 1964 models, and used car prices edged down again under the pressure of mounting used car inventories. The new 1965 models, which did not affect the September index, were introduced at very slightly higher prices. It is possible that some firming in auto prices, both new and used, may have come about in October because of the strike.

Government Programs in Fiscal 1965

IN fiscal year 1965 Federal Government purchases of goods and services—that part of Federal expenditures in the GNP—are expected to continue at the previous year's level, with offsetting changes occurring in the defense and nondefense outlays, according to the *Review of the 1965 Budget*, recently released by the Budget Bureau.

The expected stability of Federal purchases stands in contrast with a \$2½ billion rise last year, and annual increases that have averaged over \$3½ billion since fiscal 1961. Other types of Federal expenditures, primarily for transfer payments, grants to State and local governments, and interest, are expected to increase over \$2½ billion, thereby adding to purchasing power and spending in other sectors of the economy.

Table 1, based on the *Review of the 1965 Budget*, summarizes the fiscal

position of the Federal Government in terms of the administrative budget, the consolidated cash statement, and the national income and product accounts. (See note to this table for the principal differences.) Administrative budget expenditures are expected to total over \$97 billion, \$½ billion less than in fiscal 1964 and nearly \$¼ billion less than estimated in last January's budget. Receipts are estimated at \$91½ billion, over \$2 billion above fiscal year 1964 but \$1½ billion below the earlier estimate. The revision from the January estimate reflects the fact that under the Revenue Act of 1964, withholding rates were reduced one month later than had been assumed in January. In addition, certain structural tax changes assumed at that time were not incorporated in the Revenue Act.

On a consolidated cash statement basis, estimated expenditures of more than \$122 billion are expected to exceed receipts by about \$3½ billion. In terms of the national income and product accounts, expenditures in fiscal 1965 will rise about \$2¼ billion from fiscal 1964 levels to over \$121 billion, slightly less than the January estimate. Receipts, at \$118 billion, will fall short of expenditures by nearly \$3¼ billion, and will be more than \$¼ billion below the earlier estimate.

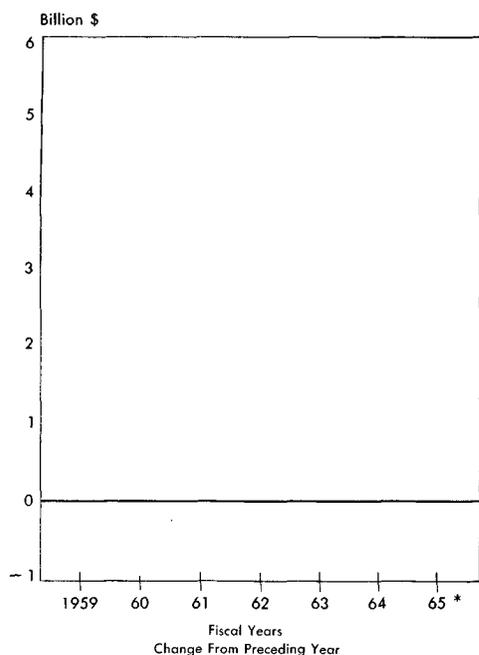
On all three bases, the estimated fiscal 1965 deficit is smaller than that in fiscal 1964. The anticipated 1964-65 decline in the Federal deficit on a national accounts basis, at about \$¾ billion, may be compared with a drop of over \$2½ billion in the administrative budget and one of close to \$1¼ billion in the cash statement deficits. The smaller decrease in the national income and product deficit reflects the expected decline in expenditures for loans and other financial transactions which are excluded from the national income accounts. In addition, deliveries of military hard goods, which

lagged behind Budget expenditures in fiscal 1964, are expected to run ahead in fiscal 1965. Table 2 contains a reconciliation between the various budgets.

Federal receipts up \$3½ billion

The \$3½ billion increase in Federal receipts on a national income basis for fiscal 1965 over the preceding year assumes a continued rise in personal income throughout the remainder of the fiscal year. Nevertheless, personal tax and nontax receipts will not contribute to the expansion of Federal revenues, because of the estimated \$9 billion tax cut. These taxes are projected to drop \$¾ billion from fiscal 1964 levels. The decline is not large because, in addition to the anticipated rise in personal income, refunds in 1965 on 1964 tax payments will be lower than usual and final settlements will be higher. This is largely because the decline in tax liability which became

Change in Federal Purchases of Goods and Services



* Estimated

Data: Budget Bureau & OBE

Table 1.—Federal Government Receipts and Expenditures, 1963-65

[Billions of dollars]

	Fiscal years			
	1963	1964	1965	
	Actual		Jan. 1964 estimate	Nov. 1964 estimate
Administrative Budget:				
Receipts.....	86.4	89.4	93.0	91.5
Expenditures.....	92.6	97.7	97.9	97.2
Surplus or deficit (-).....	-6.3	-8.3	-4.9	-5.7
Consolidated Cash Statement:				
Receipts.....	109.7	115.4	119.7	118.8
Expenditures.....	113.8	120.1	122.7	122.2
Surplus or deficit (-).....	-4.0	-4.7	-2.9	-3.5
National Income and Product Account:				
Receipts.....	109.6	114.7	118.8	118.0
Expenditures.....	112.3	118.5	121.5	121.2
Surplus or deficit (-).....	-2.8	-3.9	-2.8	-3.2

NOTE.—The difference between the administrative budget and the cash budget is largely accounted for by the inclusion in the latter of trust fund transactions. The national income and product account includes trust fund transactions, but differs in definition from the cash budget in several important respects. Corporate profits taxes are recorded on an accrual rather than a cash collections basis; loan transactions are either omitted or involve differences in timing; the acquisition of financial and second-hand assets are excluded; and an adjustment for the lag between deliveries and payments for goods is incorporated.

Sources: Review of the 1965 Budget, and Office of Business Economics.

effective with the Revenue Act of 1964 is expected to be less than the drop in withholding tax collections under the new 14 percent withholding rate. Net settlements in the first half of 1965 on calendar 1964 income are expected to total between \$1 billion and \$2 billion more than they customarily do.

Table 2.—Reconciliation of Estimated Federal Receipts and Expenditures, Budget and National Income Accounts, Fiscal 1965

[Billions of dollars]	
RECEIPTS	
Budget receipts	91.5
Less: Intragovernmental transactions.....	4.3
Receipts from exercise of monetary authority.....	.1
Plus: Trust fund receipts.....	31.7
Equals: Federal receipts from the public (consolidated cash receipts)	118.8
Adjustments for agency coverage:	
Less: District of Columbia revenues.....	.4
Adjustments for netting and consolidation:	
Plus: Contributions to Federal employees' retirement funds, etc.....	2.1
Less: Interest, dividends, and other earnings.....	1.2
Adjustments for timing:	
Plus: Excess of corporate tax accruals over collections; personal taxes, social insurance contributions, etc.....	- .2
Adjustments for capital transactions: ¹	
Less: Realization upon loans and investments, sale of government property, etc.....	1.1
Equals: Receipts—national income accounts	118.0
EXPENDITURES	
Budget expenditures	97.2
Less: Intragovernmental transactions.....	4.3
Accrued interest and other non-cash expenditures (net).....	.5
Plus: Trust fund expenditures.....	29.3
Government-sponsored enterprise expenditures (net).....	.3
Equals: Federal payments to the public (consolidated cash expenditures)	121.9
Adjustments for agency coverage:	
Less: District of Columbia expenditures.....	.4
Adjustments for netting and consolidation:	
Plus: Contributions to Federal employees' retirement funds, etc.....	2.1
Less: Interest received and proceeds of government sales.....	.3
Adjustments for timing:	
Plus: Excess of interest accruals over payments on savings bonds and Treasury bills.....	.6
Excess of deliveries over expenditures.....	.3
Miscellaneous ².....	.5
Less: Commodity Credit Corporation foreign currency exchanges.....	.1
Adjustments for capital transactions: ¹	
Less: Loans—FNMA secondary market mortgage purchases, redemption of IMF notes, etc.....	3.1
Trust and deposit fund items.....	.0
Purchase of land and existing assets.....	.3
Equals: Expenditures—national income accounts	121.2

1. Consist of transactions in financial assets and liabilities, land and secondhand assets. Acquisition of newly produced tangible assets are included in expenditures for goods and services as defined in the national income and product accounts.

2. Includes net change in Commodity Credit Corporation guaranteed non-recourse loans and increase in clearing account.

Sources: Bureau of the Budget and U.S. Department of Commerce, Office of Business Economics.

Table 3.—Federal Government Receipts and Expenditures on National Income and Product Account Basis, Fiscal 1963-65

	[Billions of dollars]				Fiscal years		1963		1964		
	1963	1964	1965 ¹		III	IV	I	II	III		
	Actual	Actual	Jan. 1964 estimate ¹	Nov. 1964 estimate ¹	Seasonally adjusted at annual rates						
Federal government receipts	109.6	114.7	118.8	118.0	114.2	117.2	114.8	112.3	114.0		
Personal tax and nontax receipts.....	50.1	51.4	52.3	50.7	52.2	53.4	51.2	47.3	48.2		
Corporate profits tax accruals.....	22.1	23.5	24.9	25.7	23.0	24.4	23.9	24.4	24.4		
Indirect business tax and nontax accruals.....	15.2	16.0	17.3	16.8	15.7	15.9	15.9	16.4	16.6		
Contributions for social insurance.....	22.1	23.8	24.2	24.8	23.2	23.5	23.9	24.2	24.7		
Federal government expenditures	112.3	118.5	121.5	121.2	114.9	116.6	117.2	120.2	119.2		
Purchases of goods and services.....	63.6	66.1	69.1	66.2	64.4	64.9	64.3	67.1	65.5		
National defense.....	53.9	56.2	58.5	55.8	55.5	55.3	54.0	57.0	55.2		
Transfer payments.....	29.2	30.4	31.8	31.6	29.6	30.3	31.1	30.7	30.8		
To persons.....	27.6	28.8	30.1	30.0	28.0	28.6	29.5	29.1	29.1		
Foreign (net).....	1.6	1.6	1.7	1.6	1.6	1.7	1.5	1.6	1.7		
Grants-in-aid to State and local governments.....	8.3	9.8	9.7	11.0	9.4	9.9	9.8	10.4	10.6		
Net interest paid.....	7.4	8.1	8.5	8.6	7.8	7.9	8.3	8.4	8.4		
Subsidies less current surplus of government enterprises.....	3.8	4.1	2.5	3.8	3.7	3.5	3.7	3.6	3.9		
Surplus or deficit (-) on income and product account	-2.8	-3.9	-2.8	-3.2	-7.7	.6	-2.4	-7.8	-5.2		

1. Estimate from *Review of the 1965 Budget*. [†] Revised. [‡] Preliminary.

Sources: Bureau of the Budget, Treasury Department, and Department of Commerce.

Corporate profits tax accruals for fiscal 1965 are expected to rise over \$2 billion above fiscal 1964 levels despite a reduction in the top corporate rate 52 percent to 50 percent in calendar 1964 and from 50 percent to 48 percent in calendar 1965. There will be no further change in the current 22 percent rate on the first \$25,000 of taxable income. The mid-year budget estimates assume that calendar 1964 corporate profits before taxes will be \$58 billion, \$2 billion above the level assumed in the January budget and more than \$6.5 billion greater than profits in calendar 1963.

The anticipated rise in economic activity should boost indirect business tax accruals by over \$¼ billion in fiscal 1965, \$½ billion below the earlier forecast. Returns from excise taxes on automobiles and liquor, as well as customs duties, account for a major part of the increase over fiscal 1964. No reduction or elimination of current excise taxes is implied in the projection of fiscal 1965 receipts.

Social insurance contributions are expected to rise \$1.0 billion from fiscal 1964 due chiefly to rising levels of income. The last statutory increase in the tax rate for OASI contributions was in January 1963; the next is scheduled for January 1966.

Defense purchases decline

Defense purchases are estimated to edge below \$56 billion, off less than \$½ billion from fiscal 1964. This is counterbalanced in the total of Federal purchases by a rise in the nondefense outlays to a total of about \$11¼ billion.

The lower defense outlays can be attributed to the estimated reduction of nearly \$1½ billion in expenditures for military functions of the Department of Defense and for military assistance. The drop reflects the effect of Congressional reductions in appropriations and the impact of the Department's cost reduction program. Most of the reduction is in procurement expenditures, where the strengthening of current strategic retaliatory forces—Polaris missiles, for example—is nearing desired levels. Some decline is also expected in research, development, test

(Continued on page 30)

Changes in Consumer Spending and Saving

CONTINUING to reflect the stimulus of the tax cut, consumer demand expanded rapidly during the summer quarter, increasing \$8½ billion or more than 2 percent from the second quarter rate. This gain exceeded the \$5½

billion rise in disposable (after-tax) income in the quarter, and personal saving fell \$3 billion. Thus, the saving rate fell after its sharp rise the quarter before.

Auto buying, after hesitating toward the end of the second quarter, was up \$1½ billion in the summer and accounted for one-fifth of the entire third quarter rise in consumer expenditures. Domestic car sales were at a record 8¼ million seasonally adjusted annual rate. Sales of a wide variety of nondurable goods, especially food and clothing, continued to increase vigorously. On the other hand, sales of durables other than autos were little changed after three successive rapid quarterly gains. Consumer services continued to advance at a slightly faster pace, with the rise exceeding \$2½ billion or 1 percent per quarter.

Tax cut reflected in stepped up demand

Since the closing quarter of 1963—the quarter preceding the tax cut—disposable income has risen \$24½ billion, or 6 percent. About two-thirds of the recent increase is traceable directly to the continued strong advance in personal income and about one-third to the tax cut. During this period, consumption expenditures have risen \$23¼ billion, or more than 6 percent. Only once before—during the period of scare buying early in the Korean War—was there a larger three-quarter gain.

The vigorous advance of consumer demand over the last 9 months has been strong enough to absorb most of the large increase in disposable income. At \$31 billion in the third quarter, personal saving was up only \$1¼ billion over this period. The saving rate, after approaching 8 percent in the spring, fell back to about 7 percent in the summer. The latter was about equal to the rate in the fourth quarter

of 1963 and was only slightly different from the post-Korean average of 7.2 percent.

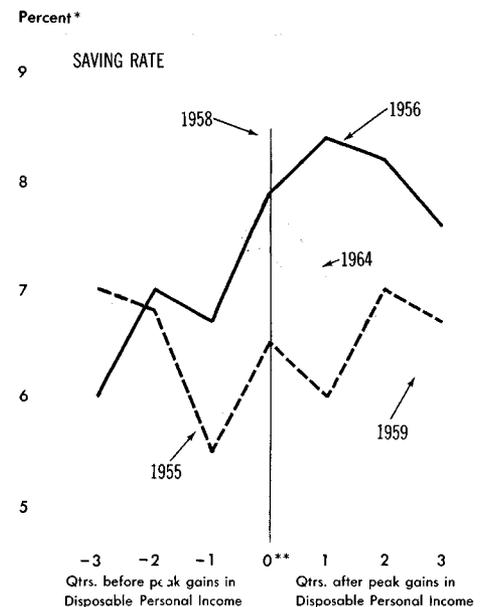
Recent Saving Rate Swing is Typical

The large rise in the saving rate in the second quarter and the subsequent decline in the latest quarter are broadly typical of the saving rate swings that have occurred in other postwar periods when there has been an exceptionally large gain in DPI in one quarter and a more moderate advance in the next.

Usually quarterly changes in disposable income and the associated changes in the saving rate are comparatively

Response of Personal Saving Rate to Spurts in Disposable Personal Income

Saving rate jumps initially and then usually falls back



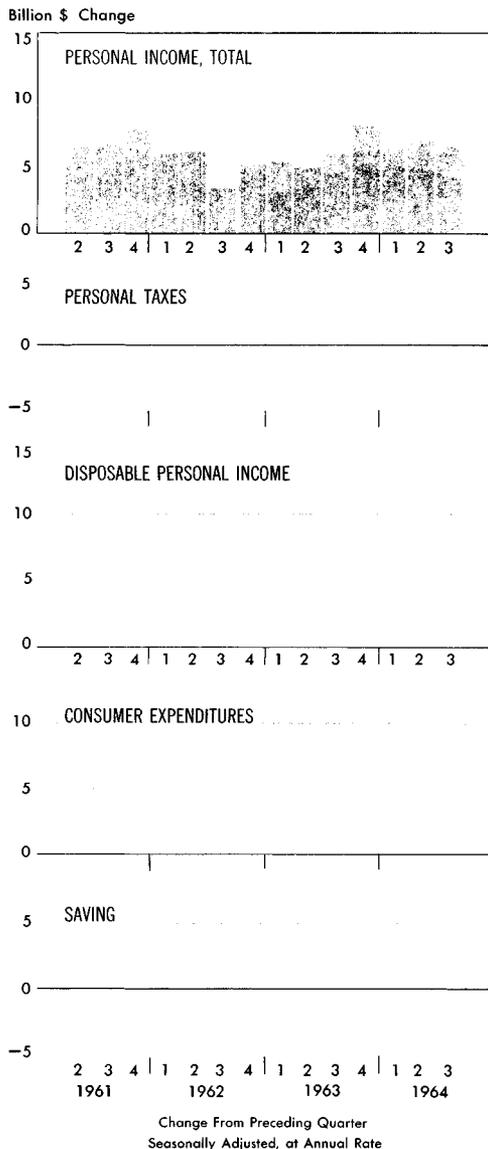
*Saving as a percent of Disposable Personal Income

**Peak gains in Disposable Personal Income are defined as those in which DPI increased by 2 1/4 percent or more

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Recent Changes in Personal Income And Its Disposition



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small. During the postwar period most quarterly changes in income have varied in a rather narrow range—from slightly less than $\frac{1}{2}$ percent to approximately 2 percent. The changes in the saving rate in these quarters have fallen mostly in the range between $\frac{3}{4}$ and minus $1\frac{1}{2}$ percentage points. For all of these particular quarters taken together, changes in the saving rate have averaged close to zero.

“Large” quarterly increases in DPI have been comparatively rare in the postwar. If the entire Korean experience is disregarded, there have been only nine quarters when disposable income has increased by more than $2\frac{1}{4}$ percent. In all but one of these nine quarters the saving rate has increased by more than a full percentage point. In the second quarter of this year a $2\frac{1}{2}$ percent rise in DPI was accom-

panied by an increase in the saving rate of 1 percentage point. The chart on page 5 shows the personal saving rate for the five post-Korean War quarters in which disposable income has increased by more than $2\frac{1}{4}$ percent. The following text table gives similar data for these five quarters and for the four quarters between the close of the Second World War and the opening of the Korean War, in which there were large income gains.

To round out the picture—it is interesting to note that in each of the seven postwar quarters when disposable income declined, the saving rate also fell. Thus, changes in the saving rate in the short run serve to absorb much of the large increases and some of the decreases in spendable income; conversely, the income changes are reflected more gradually in personal consumption.

Saving Rate and Large Increases in Disposable Personal Income

[Change from preceding quarter]

Year and quarter	Quarter of large increase		Subsequent quarter
	Disposable personal income (percent)	Saving rate (percentage points)	Saving rate (percentage points)
1947 III.....	4.6	2.5	-.4
1948 II.....	5.2	3.3	1.4
1948 III.....	3.1	1.4	-.6
1950 I.....	6.1	4.8	-1.7
1955 II.....	3.1	1.0	-.5
1956 II.....	2.3	1.2	.5
1958 III.....	2.4	1.1	-.7
1959 II.....	2.5	.1	-.9
1964 II.....	2.6	.9	-.8
Average.....	3.5	1.8	-.4

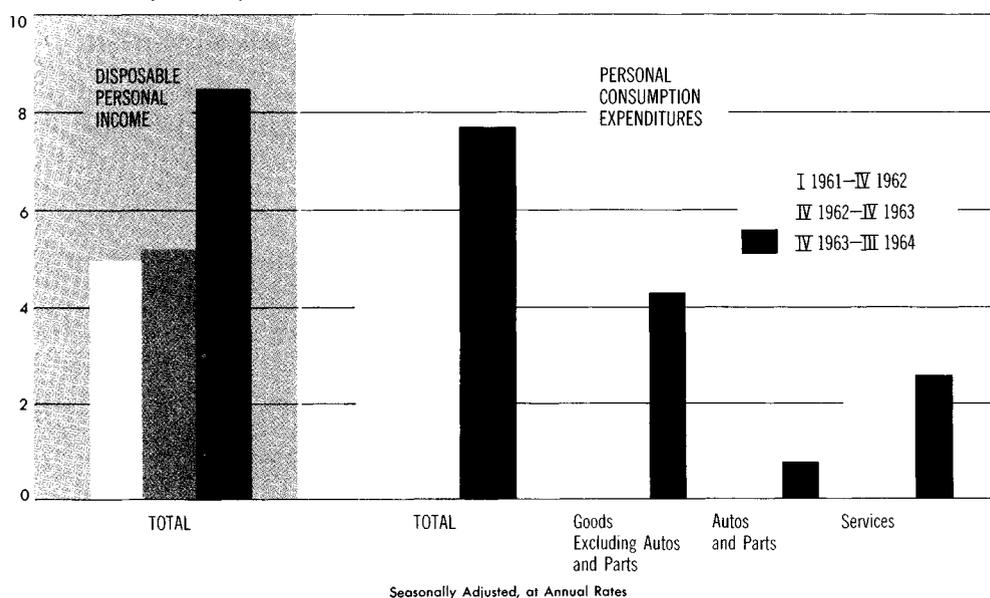
NOTE.—Includes all quarters 1947–64 (excluding the Korean War) in which disposable personal income increased by $2\frac{1}{4}$ percent or more.

The third quarter 1964 decline in the saving rate of 0.8 percentage points was also approximately in line with postwar experience. (See table and chart.) In seven of the nine quarters following the initial large jumps in income and saving, the saving rate fell back. In many of these quarters, the drop in the ratio reflected a sharp rise in consumer buying of durable goods. Thus, in a typical sequence, a large gain in disposable income seems to be reflected initially in a large gain in the saving rate and, in the following quarter, in a jump in spending on durable goods. However no regularity of behavior has been observed in the saving rate beyond the first quarter following the large increases in income.

In the third quarter of 1948—one of the two atypical quarters in which the saving rate did not fall back—income rose by a large amount for the second successive time. In the other exceptional case—third quarter of 1956—consumer spending on durables was falling back from the abnormally high levels of late 1955–early 1956.

Consumer Demand Sharply Higher This Year

Billion Dollar Change (Average Per Quarter)



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

64-11-5

Recent Financial Developments

INVESTMENT, saving, and borrowing have shown little change in the aggregate over the first nine months of this year despite wide swings in components. Among the various investment categories, business fixed asset spending moved up sharply, while inventory investment and residential construction declined. A \$10 billion rise in total private saving was matched by a shift of similar amount from a Government surplus to a deficit on national income and product account.

So far this year, this pattern of stability in aggregate measures and wide swings in components has been evident also in financial flows. As compared with the final quarter of 1963, there were increases in corporate security issues, consumer credit, one-to four-family residential mortgages, and Federal Government borrowing, but reductions in bank lending to business, multifamily residential and commercial mortgages, and State and local security issues.

There was little movement in interest rates over this period: at the end of September both short- and long-term interest rates were little changed from the levels reached at the beginning of the year.

Monetary policy easy

During the first three quarters of 1964, the Federal Reserve continued its stimulative credit policy. It supplied reserves to the banking system by purchasing Treasury securities in quantities adequate to permit a near-record growth in bank credit, without increases in bank borrowing from the Federal Reserve.

The ready availability of reserves encouraged banks to continue to extend credit at a near-record pace (see chart). Loans rose sharply during the second quarter, but as demand eased during the summer quarter, banks rebuilt their holdings of U.S. Government

securities and resumed purchasing tax-exempt securities on a substantial scale.

With a higher portion of credit expansion taking the form of demand deposits this year than in other recent years, a larger volume of Federal Reserve open market purchases was required to maintain an adequate level of bank reserves.

Corporations step up investment

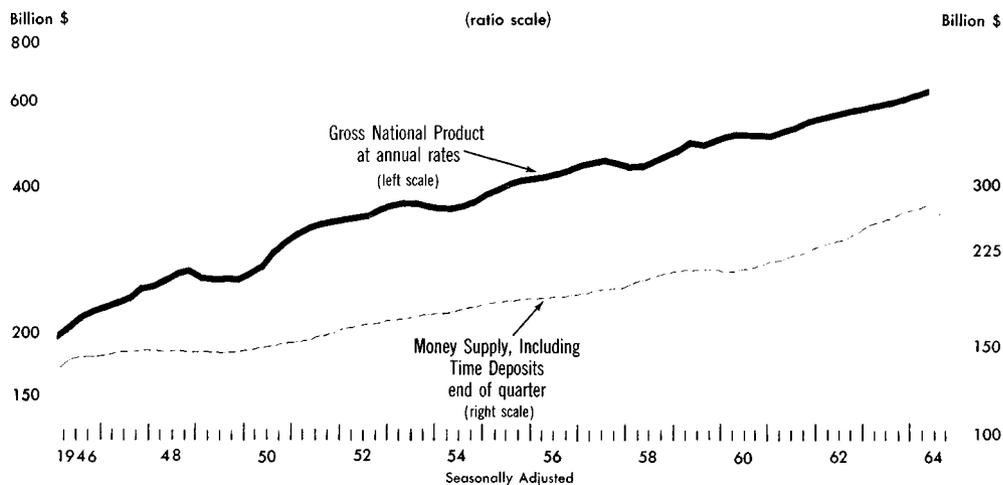
Nonfinancial corporations stepped up their fixed investment by an average

of \$1 billion per quarter during the first nine months of the current year at seasonally adjusted annual rates. This was the fastest rate of increase since the 1956-57 investment boom. The pace of corporate spending quickened in all major industries, but was particularly sharp in manufacturing. Public utility investment spurted, with the rate approaching the previous record set in 1957.

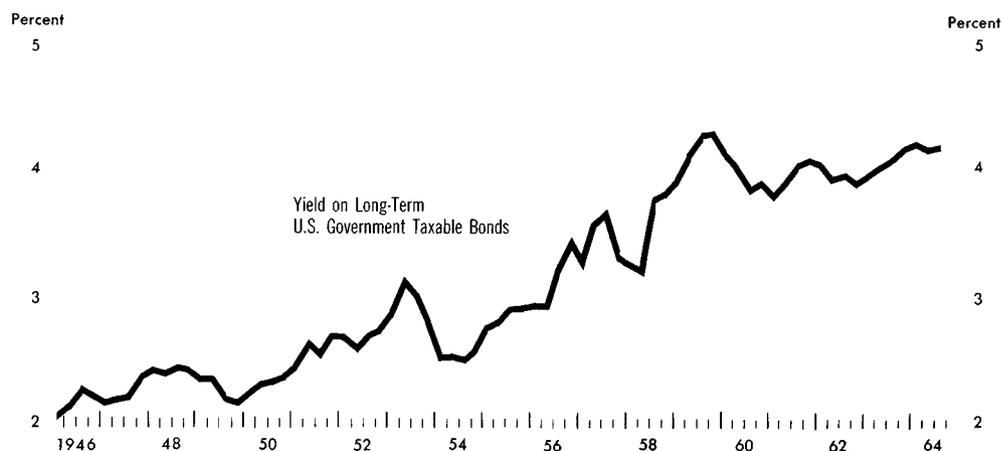
The increase in fixed investment was almost exactly matched by a wide-

Output, Money, and Interest Rates

Since 1960 the money supply has accelerated relative to output . . .



and the rise in long-term interest rates has moderated



Data: OBE-FRB

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

64-11-6

spread decline in the pace of corporate inventory buying. Total corporate purchases of physical assets were thus approximately unchanged over the period under review.

Since the start of the year, the rate of increase in total corporate internal funds was the sharpest recorded during the postwar era except for the initial quarters of recovery from cyclical lows. The cut in corporate taxes was a major factor in this rapid increase but continued growth in business activity also contributed to the advance.

With internal funds expanding and little change in total investment outlays, corporations continued to add substantial

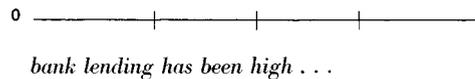
Bank Credit Easy

With substantial credit available . . .

Billion Dollar Change

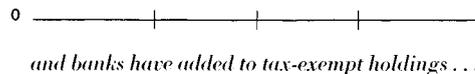
8 TOTAL LOANS AND INVESTMENTS

4

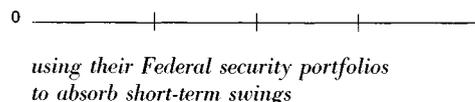


8 TOTAL LOANS

4



4 STATE AND LOCAL SECURITIES



4 U.S. GOVERNMENT SECURITIES

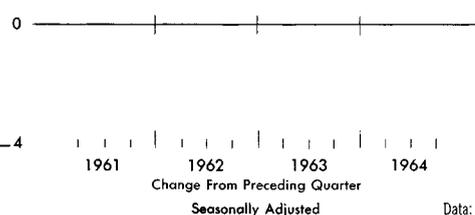


Table 1.—Sources and Uses of Corporate Funds, Annual, 1960–63; Half Years, 1960–64^{1,2}

[Billions of dollars]

	Year				First half ³					Second half ³			
	1960	1961	1962	1963	1960	1961	1962	1963	1964	1960	1961	1962	1963
Sources, total	46.2	52.3	59.2	62.5	23.3	20.3	27.1	29.3	28.3	22.9	32.0	32.1	33.3
Internal sources, total.....	29.1	29.7	35.2	36.8	15.1	14.3	17.6	18.3	20.4	14.0	15.5	17.6	18.7
Retained profits ⁴	6.2	5.6	7.7	8.0	3.8	2.4	4.0	4.0	5.4	2.4	3.2	3.7	4.0
Depreciation.....	22.9	24.1	27.5	28.8	11.3	11.8	13.5	14.2	15.0	11.5	12.3	13.9	14.6
External long-term sources, total.....	9.8	11.8	11.3	10.9	4.6	6.5	5.9	5.2	7.1	5.2	5.3	5.4	5.7
Stocks.....	3.0	4.5	2.1	.6	1.6	2.8	1.4	.5	2.1	1.4	1.7	.6	.1
Bonds.....	5.0	5.1	5.0	5.2	2.0	2.7	2.7	2.5	2.9	3.1	2.4	2.3	2.8
Other debt.....	1.7	2.2	4.2	5.0	1.0	.9	1.7	2.2	2.1	.8	1.3	2.5	2.8
Short-term sources, total.....	7.4	10.8	12.7	14.8	3.6	-.5	3.7	5.8	.8	3.7	11.3	9.1	9.0
Bank loans.....	1.3	.4	3.0	4.3	1.3	-.4	.6	(⁵)	-1.7	(⁵)	.7	2.4	4.3
Trade payables.....	4.5	7.4	5.6	6.8	2.2	.7	1.3	4.6	1.7	2.2	6.7	4.3	2.2
Federal income tax liabilities.....	-1.6	.7	.9	1.2	-2.4	-2.1	-.5	-.8	-1.0	.8	2.8	1.4	2.0
Other.....	3.2	2.3	3.2	2.5	2.5	1.3	2.2	2.0	1.9	.7	1.1	1.0	.4
Uses, total	43.8	48.8	54.4	58.4	21.7	19.8	25.3	26.2	26.9	22.1	28.9	29.0	32.2
Increase in physical assets, total.....	33.3	30.9	36.4	37.5	18.7	14.5	19.0	18.4	20.7	14.5	16.4	17.4	19.2
Plant and equipment.....	30.8	29.6	32.0	33.8	14.6	13.9	15.1	15.4	18.0	16.1	15.7	16.9	18.4
Inventories (book value).....	2.5	1.3	4.4	3.7	4.1	-.6	4.0	2.9	2.7	-1.6	.7	.5	.8
Increase in financial assets, total.....	10.5	17.8	18.0	20.8	2.9	5.3	6.3	7.8	6.2	7.6	12.5	11.6	13.0
Receivables.....	8.6	9.9	11.3	12.9	4.1	2.9	5.4	6.3	5.3	4.5	7.0	5.9	6.6
Consumer.....	1.8	.1	2.2	2.4	1	-2.0	-.3	-.4	-.1	1.7	2.1	2.5	2.8
Other.....	6.9	9.8	9.1	10.5	4.1	4.8	5.7	6.7	5.3	2.8	5.0	3.4	3.8
Cash and U.S. Government securities.....	-1.7	3.6	2.0	2.0	-3.6	.1	-2.6	-2.5	-2.4	1.9	3.6	4.7	4.5
Cash (including deposits).....	1.0	3.8	1.8	1.7	-2.0	.2	-2.4	-2.6	-2.0	3.0	3.7	4.2	4.2
U.S. Government securities.....	-2.6	-.2	.3	.4	-1.6	-.1	-.3	.1	-.4	-1.0	-.1	.5	.3
Other assets.....	3.5	4.3	4.7	5.9	2.4	2.4	3.5	4.0	3.3	1.1	2.0	1.1	1.9
Discrepancy (uses less sources)	-2.4	-3.5	-4.9	-4.1	-1.6	-.5	-1.8	-3.1	-1.4	-.8	-3.1	-3.1	-1.1

1. Data for 1946–55 may be found in table V–10 of U.S. *Income and Output*, and 1956–59 estimates are in table 34 of July 1962 *Survey*. 2. Excludes banks and insurance companies.

3. Since the data are not adjusted for seasonal variation the first halves of successive years are shown together to facilitate analysis, as are the second halves. 4. Includes depletion. 5. Less than \$50 million.

Sources: U.S. Department of Commerce, Office of Business Economics, based on Securities and Exchange Commission and other financial data.

amounts to their liquid assets, as they have throughout the present expansion.

Despite the improvement in corporate liquidity, there was a stepup in long-term external financing. In part this heightened use of external funds reflected the fact that certain industries which normally rely substantially on external funds—e.g., utilities, and real estate firms—expanded their investment outlays.

Corporations more liquid during current advance

Corporations have been more liquid than they have been in prior periods of economic expansion. Many factors have contributed to this difference. Most striking, perhaps, has been the continued rise in internal funds throughout the current expansion. During previous expansions, there was a distinct tendency for profits—and therefore internal funds—to level off and then decline as the economic advance matured. This time, profits have tended to rise throughout the business expansion. A number of Federal actions affecting taxes during recent years have also tended to raise internal

funds: during 1962, depreciation rules were liberalized and the investment credit instituted; while this year there was a cut in corporate income tax rate.

A lower rate of inventory accumulation also contributed to greater liquidity this time; the increase in inventories has not been enough to keep inventory-sales ratios from falling, in contrast to the rapid buildups which occurred during prior advances. The rise in plant and equipment spending this time has also been somewhat smaller than in earlier business expansions. In the current expansion the better profits position relative to investment requirements has been reflected both in the reduced importance of external long-term financing and in the buildup of corporate liquid assets. In earlier periods, firms stepped up their external long-term financing as the expansion wore on and drew upon previously accumulated liquid assets to finance some of their expanded investment outlays.

Consumer borrowing continues rise

Neither the marked rise in personal saving during the second quarter nor

the return to a more normal saving rate in the third seemed to have any significant effect on consumer borrowing, which continued to rise throughout the period under review. In large part this reflects the fact that much consumer borrowing is associated with the purchase of autos and other big-ticket items, which have moved up this year.

A large part of the increase in borrowing was to finance larger sales of residential housing. Although housing starts declined, purchases of new and existing houses continued to rise, as did extensions of one- to four-family mortgage debt. With only a moderate increase in the volume of debt repayments, record amounts have been added to consumer and mortgage debt this year.

On the whole, individuals continued to add substantially to their holdings of liquid assets during the past three quarters. There was some shift away from time deposits and savings and loan shares toward currency and demand deposits.

There was much evidence of renewed participation by individuals in the stock market: several major stock issues had substantial participation on the part of small investors and there has been a marked increase in mutual fund and odd-lot purchases. Together with heightened institutional activity, this expansion of individual interest has helped to increase stock prices throughout the year. By September, the Standard and Poor index of industrial stock prices stood 13 percent above the level at the opening of 1964.

Government finances

The Federal Government cut taxes quite sharply early this year. As a first result of this stimulative move, the Government's income and product surplus of \$½ billion in the final quarter of 1963 was reduced to a deficit of \$2½ billion in the first quarter of 1964, and fell further to a deficit of about \$8 billion in the second. Rising business activity and a small decline in expenditures brought the deficit to about \$5 billion in the third quarter.

Federal borrowing moved up over this period. However, the rise was much less than would have been needed

to finance the swing in the deficit, had this deficit been fully reflected in the cash position of the Government. The need for borrowing was minimized by the fact that corporation tax payments were higher than accruals, both because of a speedup in tax payment schedules, and because a substantial volume of taxes were being collected on income taxed at the higher 1963 rates.

Table 2.—Sources and Uses of Corporate Funds by Industry, 1957-64
(Billions of dollars)

	Calendar years						Years ended June 30							
	1957	1958	1959	1960	1961	1962	1963	1958	1959	1960	1961	1962	1963	1964
Manufacturing and Mining:														
Sources, total	18.6	17.0	25.4	19.6	23.8	25.8	28.5	14.9	26.0	21.8	18.6	26.7	27.2	28.5
Retained profits ¹	7.1	4.4	7.5	5.7	5.1	6.1	6.8	4.4	7.2	6.7	4.5	6.1	6.2	8.0
Depreciation.....	9.6	10.2	10.6	11.1	11.7	13.5	14.1	9.9	10.5	10.9	11.3	12.6	13.8	14.4
External long-term sources ²	4.1	2.9	1.4	1.6	2.6	2.4	2.6	3.1	2.3	1.3	2.5	2.1	2.9	1.8
Stocks.....	1.4	(3)	.5	.4	-.2	-.6	-1.0	.4	.4	.3	.4	-.8	-.6	-1.0
Bonds.....	1.8	2.2	.3	.5	2.0	1.5	1.8	1.9	1.4	.2	1.4	1.8	1.6	1.3
Short-term sources ⁴	-2.3	-4	5.8	1.2	4.5	3.8	5.1	-2.5	6.0	2.9	.3	5.9	4.3	4.3
Uses, total	17.4	14.0	22.5	16.3	22.2	22.9	25.7	11.6	24.8	18.3	16.5	23.8	24.5	25.4
Plant and equipment.....	17.0	12.2	12.9	15.3	14.5	15.5	16.5	15.0	11.9	14.3	14.9	14.9	15.9	17.7
Inventories (book value).....	.8	-2.3	4.4	1.0	1.3	2.6	2.2	-2.7	3.1	3.4	-.8	3.2	2.1	1.6
Receivables and misc. assets.....	.1	2.6	3.9	2.3	5.1	3.1	4.8	(3)	5.2	2.7	2.6	4.8	5.1	4.2
Cash and U.S. Government securities.....	-6	1.4	1.3	-2.3	1.3	1.7	2.2	-7	4.6	-2.1	-.2	.9	1.4	1.9
Discrepancy (uses less sources)	-1.2	-3.0	-2.9	-3.3	-1.6	-2.9	-2.8	-3.3	-1.2	-3.5	-2.1	-2.9	-2.7	-3.1
Public Utilities and Communications:														
Sources, total	8.2	8.3	8.7	8.3	8.5	9.1	7.9	8.3	8.2	8.6	8.8	8.5	8.4	9.6
Retained profits ¹.....	.2	.2	.5	.7	.5	.8	.8	(3)	.4	.6	.6	.6	.8	.9
Depreciation.....	2.8	3.1	3.3	3.6	3.8	4.2	4.5	2.9	3.2	3.5	3.7	4.0	4.3	4.6
External long-term sources ²	4.9	4.7	3.8	5.5	3.8	3.4	1.9	5.2	3.7	3.5	4.3	3.4	2.3	3.8
Stocks.....	1.0	2.1	1.5	1.0	2.2	.9	.7	1.5	1.8	1.1	2.1	1.0	.8	2.1
Bonds.....	3.8	2.6	2.2	2.6	1.8	2.5	1.3	3.7	1.9	2.3	2.5	2.4	1.7	1.8
Short-term sources ⁴.....	.3	.3	1.1	.6	.4	.7	.7	.1	1.0	1.1	.2	.4	1.0	.2
Uses, total	9.3	9.4	9.0	9.4	9.4	10.1	9.3	9.8	9.1	9.0	10.1	9.1	9.8	11.0
Plant and equipment.....	9.2	8.7	8.3	8.8	8.7	9.1	9.4	9.1	8.6	8.5	8.7	8.9	9.1	10.0
Inventories (book value).....	(3)	(3)	.1	(3)	(3)	(3)	.1	(3)	(3)	.1	(3)	(3)	(3)	.1
Receivables and misc. assets.....	.4	.5	.5	.7	.2	.5	.2	.3	.5	.4	.4	.3	.4	.6
Cash and U.S. Government securities.....	-3	.3	.1	-1	.6	.6	-.4	.4	.1	(3)	1.0	-.1	.2	.3
Discrepancy (uses less sources)	1.0	1.2	.3	1.1	.9	1.1	1.4	1.5	.9	.4	1.3	.7	1.4	1.4
Railroads:														
Sources, total.....	.7	.4	.7	.4	.5	.7	1.0	.2	.8	.6	.3	.6	.9	.7
Retained profits ¹	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.3	-.2	-.2	-.2
Depreciation.....	.9	.9	.9	.8	.8	1.0	1.0	.9	.9	.9	.8	.9	1.0	1.0
External long-term sources ²	(3)	-.2	-.2	-.1	-.2	-.2	(3)	-.2	-.2	-.1	-.2	-.2	(3)	-.1
Stocks.....	(3)	-.1	(3)	(3)	(3)	(3)	(3)	(3)	-.1	(3)	(3)	(3)	(3)	(3)
Bonds.....	(3)	(3)	-.2	-.1	-.2	-.1	(3)	(3)	-.1	-.1	-.2	-.2	(3)	(3)
Short-term sources ⁴	-.1	-.2	.1	(3)	.2	(3)	.1	-.3	.2	.1	(3)	.1	.1	(3)
Uses, total	1.0	.7	1.0	.8	.8	.9	1.4	.5	1.3	1.0	.6	.9	1.1	1.5
Plant and equipment.....	1.4	.8	1.0	1.0	.7	.8	1.1	1.2	.7	1.0	.8	.8	.9	1.3
Inventories (book value).....	(3)	-.1	(3)	(3)	(3)	(3)	(3)	-.1	(3)	.1	(3)	(3)	(3)	(3)
Receivables and misc. assets.....	-.1	(3)	(3)	(3)	.1	(3)	(3)	-.1	(3)	(3)	(3)	(3)	(3)	-.1
Cash and U.S. Government securities.....	-3	(3)	(3)	-.2	.1	.1	.3	-.5	.5	-.1	-.3	.2	.2	.1
Discrepancy (uses less sources).....	.4	.3	.3	.4	.4	.2	.5	.3	.5	.3	.3	.3	.2	.8
Transportation other than rail:														
Sources, total	1.5	1.6	2.5	1.7	1.9	1.9	2.5	1.7	2.1	2.3	1.7	1.9	2.2	2.1
Retained profits ¹	(3)	(3)	(3)	-.1	-.1	(3)	.1	(3)	(3)	-.1	-.1	(3)	(3)	.1
Depreciation.....	1.1	1.2	1.3	1.4	1.5	1.7	1.8	1.1	1.2	1.4	1.4	1.6	1.7	1.8
External long-term sources ².....	.3	.5	.5	.3	.3	.1	.3	.5	.5	.4	.4	.1	.2	.3
Stocks.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	-.1	(3)
Bonds.....	.3	.4	.5	.3	.3	.1	.3	.4	.4	.4	.4	.1	.2	.3
Short-term sources ⁴	(3)	(3)	.7	.1	.2	.1	.4	.1	.3	.6	(3)	.3	.3	-.1
Uses, total	1.6	1.3	2.3	2.0	2.0	1.9	1.8	1.3	2.0	2.2	2.0	1.9	2.0	1.9
Plant and equipment.....	1.5	1.3	1.8	1.7	1.7	1.8	1.6	1.5	1.4	1.9	1.6	1.8	1.7	1.9
Inventories (book value).....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Receivables and misc. assets.....	-.1	.1	.4	.2	.3	.2	.2	.1	.3	.3	.3	.2	.3	(3)
Cash and U.S. Government securities.....	(3)	-.1	.1	(3)	.1	-.1	(3)	-.2	.3	(3)	.1	-.1	(3)	(3)
Discrepancy (uses less sources).....	.2	-.4	-.2	.3	.1	(3)	-.7	-.4	-.1	-.1	.3	(3)	-.2	-.2

¹ Includes depletion.

² Also includes long-term bank loans, mortgages, and other long-term debt.

³ Less than \$50 million.

⁴ Includes short-term bank loans, trade payables, Federal income tax liabilities, and miscellaneous liabilities.

Source: U.S. Department of Commerce, Office of Business Economics, based on Securities and Exchange Commission, and other financial data.

The Interindustry Structure of the United States

A Report on the 1958 Input-Output Study

THIS report presents preliminary results of the 1958 Interindustry Relations Study. The 1958 study is part of a major new program of the Office of Business Economics which involves the periodic preparation of a set of interindustry (input-output) tables as part of an integrated system of national accounts.¹ Such an expanded system of integrated national accounts permits a much more comprehensive understanding of the interaction between the various industries and final markets of the economy.

The program was instituted in the latter half of 1959 in response to a recommendation of the National Accounts Review Committee which was set up at the request of the Bureau of the Budget to evaluate the national accounts work of the United States. One of the principal recommendations made by the Review Committee was that input-output accounts be prepared regularly as an important and integral component of the national accounts.² The relationship of input-output to the income and product account.

1. The development of the input-output tool of economic analysis and the actual construction of the first input-output tables were the work of Wassily W. Leontief. Professor Leontief constructed such tables for the United States for 1919, 1929, and 1939. These tables appear in Leontief's work, *The Structure of the American Economy, 1961*. The Bureau of Labor Statistics prepared an input-output table for 1947 which was released in 1952. These tables were not integrated with the National Income and Product Accounts.

2. The findings of this committee were published in *The National Economic Accounts of the United States, Hearings Before the Subcommittee on Economic Statistics of the Joint Economic Committee, Congress of the United States, 1957*.

NOTE.—A study of this magnitude requires the efforts of a large number of people. Important contributions were made by staff in the Farm Income Branch of the Department of Agriculture's Economic Research Service and in the Division of Economic Analysis of the Bureau of Mines. Within the Office of Business Economics, responsibility for the estimates centered in the National Economics Division with important assistance from staff of the National Income

The 1958 input-output table was prepared as an integral part of the U.S. national economic accounts. To understand the relationship, it is useful to review briefly the National Income and Product Account which provides the takeoff point for the input-output account.

The National Income and Product Account presents the output of the Nation both in terms of final product flows and in terms of the basic income types generated in its production. The final product flows are shown in terms of sales to consumers (personal consumption expenditures), sales to investors and inventory change (gross private domestic investment), sales to government and net sales to foreigners. The income, referred to in this article as value added, is shown separately for compensation of employees, proprietors' income, rental income of persons, corporate profits, net interest, capital consumption allowances, indirect business taxes, business transfer payments and current surplus of government enterprises less subsidies. The flows of raw materials, semi-finished products, and services among the various industries are cancelled. The values of these flows are reflected in the final output.

The input-output table also shows final product flows and value added. The final product flows are shown as sales by each industry to the same final markets (consumers, investors, government and foreigners). The value added is shown by industry in which it originates. However, the input-output account extends the data to cover the flows of raw materials, semi-finished products and services among industries as well. In fact, it is the tracing of these flows which forms the basis of the major contribution of input-output.

Usually, input-output data are presented in a table in which each industry is represented by a row and a column; each final market by a column; and value added by one or more rows. The row for an industry shows the distribution of its output to itself and to other industries and final markets; the column shows its consumption of goods and services of the various industries and its value added.

Because the 1958 interindustry accounts have been constructed as a conceptually and statistically integrated complement of the national income and product accounts, the measurement of total GNP as well as of the flows to each of the final markets (personal consumption, gross private domestic investment, government purchases, and net exports) will be the same in the two sets of accounts.³ The detail of the two accounts will differ, however. In the interindustry accounts the detail of these various final demand columns will be by industry (Table A shows the percent which each industry's sales is of the total sales to that final market). For the national income accounts other types of breakdown are shown.

With respect to value added, the income and product accounts show the several components separately, e.g., compensation of employees, corporate profits, capital consumption allowances, etc. The input-output tables included in this report combine all the components into a single "value added" row. While the value added total for all industries will be identical in the input-output and the national income

3. The dollar estimates of final markets and value added implied in the 1958 input-output study will, however, differ from those which appear in the July 1962 *Survey of Current Business*. In the course of developing the 1958 estimates, both for the input-output table and the national income and product benchmark, a number of statistical, conceptual, and definitional changes have been introduced. A revised time series on National Income and Product which incorporates these changes will be forthcoming at a later date.

Table A.—Industrial Composition of Purchases by Final Demand Categories, 1958

(Percent)

Producing industry	Final demand categories ¹					
	Personal consumption expenditures	Gross private fixed capital formation	Net inventory change ²	Gross exports of goods and services	Federal Government purchases	State and local government purchases
Total	100.00	100.00	100.00	100.00	100.00	100.00
1. Livestock and Livestock Products	.73	0	40.29	.16	-.01	.03
2. Other Agricultural Products	.85	0	28.74	7.52	2.09	.07
3. Forestry and Fishery Products	.10	0	1.29	.13	-.26	(*)
4. Agricultural, Forestry and Fishery Services	0	0	1.34	.01	.08	-.17
5. Iron and Ferroalloy Ores Mining	0	0	-1.54	.17	0	0
6. Nonferrous Metal Ores Mining	0	0	-2.18	.02	.36	0
7. Coal Mining	.09	0	-1.50	1.41	0	.15
8. Crude Petroleum and Natural Gas	0	0	-2.70	.12	0	0
9. Stone and Clay Mining and Quarrying	.01	0	.24	.10	.02	-.03
10. Chemicals and Fertilizers Mineral Mining	(*)	0	-.09	.24	.02	.03
11. New Construction	0	59.23	0	.01	6.32	29.75
12. Maintenance and Repair Construction	0	0	0	0	1.98	8.28
13. Ordnance and Accessories	.05	0	5.64	.07	4.24	.01
14. Food and Kindred Products	15.77	0	16.63	4.82	.41	.67
15. Tobacco Manufactures	1.46	0	-1.71	1.86	0	(*)
16. Broad and Narrow Fabrics, Yarn and Thread Mills	.25	0	-6.97	.90	.09	.02
17. Misc. Textile Goods and Floor Coverings	.26	.07	-1.78	.20	.01	(*)
18. Apparel	3.85	0	-8.27	.60	.07	.23
19. Miscellaneous Fabricated Textile Products	.38	0	-.07	.08	.19	(*)
20. Lumber and Wood Products, Except Containers	.05	.01	4.19	.47	-.01	(*)
21. Wooden Containers	0	0	-.63	.01	(*)	(*)
22. Household Furniture	.83	.20	-.43	.06	.05	.14
23. Other Furniture and Fixtures	.04	1.28	.04	.08	.05	.31
24. Paper and Allied Products, Except Containers	.29	0	-.17	1.11	.13	.01
25. Paperboard Containers and Boxes	.01	0	-.08	.08	.01	(*)
26. Printing and Publishing	.84	0	.71	.40	.17	.43
27. Chemicals and Selected Chemical Products	.07	0	-1.63	2.88	1.38	.60
28. Plastics and Synthetic Materials	(*)	0	-2.92	1.44	.01	0
29. Drugs, Cleaning and Toilet Preparations	1.28	0	3.75	1.38	.25	.44
30. Paints and Allied Products	.01	0	-.25	.12	.01	(*)
31. Petroleum Refining and Related Industries	2.50	0	-12.48	2.79	1.35	.94
32. Rubber and Miscellaneous Plastics Products	.45	.08	-2.18	.90	.22	.18
33. Leather Tanning and Industrial Leather Products	0	0	-.17	.12	0	0
34. Footwear and Other Leather Products	.90	.01	2.16	.15	.04	(*)
35. Glass and Glass Products	.04	0	-.36	.29	(*)	0
36. Stone and Clay Products	.07	0	1.85	.42	.01	.01
37. Primary Iron and Steel Manufacturing	.01	0	-10.71	2.28	.21	(*)
38. Primary Nonferrous Metal Manufacturing	(*)	0	-.65	1.30	.62	0
39. Metal Containers	0	.02	.90	.11	.03	0
40. Heating, Plumbing and Structural Metal Products	.02	1.13	-4.60	.96	(*)	0
41. Stampings, Screw Machine Products & Bolts	.09	0	-4.47	.12	.17	.01
42. Other Fabricated Metal Products	.13	.27	-3.22	1.07	.21	.11
43. Engines & Turbines	.04	.92	-4.03	.90	.45	.01
44. Farm Machinery & Equipment	(*)	2.68	-1.49	.80	.01	.04
45. Construction, Mining & Oil Field Machinery	0	2.11	-4.93	3.02	.15	.05
46. Materials Handling Machinery & Equipment	0	.56	-1.60	.33	.25	.12
47. Metalworking Machinery & Equipment	.01	1.85	-8.81	1.41	.32	.01
48. Special Industry Machinery & Equipment	.01	2.35	-7.15	1.57	.06	.07
49. General Industrial Machinery & Equipment	0	1.68	-5.46	1.17	.37	.01
50. Machine Shop Products	0	0	-.70	.06	.08	.09
51. Office, Computing & Accounting Machines	.02	1.63	-.98	.58	.14	.22
52. Service Industry Machines	.09	1.53	-2.40	.58	.12	.05
53. Electric Industrial Equipment & Apparatus	.01	2.59	-8.92	1.20	.34	.01
54. Household Appliances	.83	.15	-4.26	.70	.04	(*)
55. Electric Lighting & Wiring Equipment	.11	.04	-1.97	.27	.03	.02
56. Radio, Television & Communication Equipment	.47	1.62	-4.79	.86	2.61	.15
57. Electronic Components & Accessories	.05	.04	-3.22	.38	.44	(*)
58. Misc. Electrical Machinery, Equipment & Supplies	.09	.13	-1.64	.30	.17	.08
59. Motor Vehicles & Equipment	3.17	5.73	-35.46	3.91	.57	1.08
60. Aircraft & Parts	.01	.57	-17.56	2.38	12.13	(*)
61. Other Transportation Equipment	.25	1.89	-5.05	1.27	1.22	.09
62. Scientific & Controlling Instruments	.12	.85	-.53	.78	1.02	.21
63. Optical, Ophthalmic & Photographic Equipment	.16	.26	.36	.38	.25	.04
64. Miscellaneous Manufacturing	.87	.45	2.28	.49	.07	.44
65. Transportation & Warehousing	2.98	.81	10.30	9.77	2.70	.99
66. Communications; Except Radio & T.V. Broadcasting	1.35	.58	0	.27	.32	.47
67. Radio & T.V. Broadcasting	0	0	0	.04	0	0
68. Electric, Gas, Water & Sanitary Services	2.78	0	0	.15	.65	1.20
69. Wholesale & Retail Trade	21.22	6.01	4.63	5.99	1.23	.45
70. Finance & Insurance	4.07	0	0	.09	(*)	.47
71. Real Estate & Rental	13.78	1.94	0	1.09	.21	.58
72. Hotels; Personal & Repair Services Exc. Auto	3.26	0	0	0	.46	.22
73. Business Services	.65	0	0	.72	1.07	1.37
74. Research & Development	0	0	0	0	9.66	0
75. Automobile Repair & Services	1.51	0	0	0	.24	.20
76. Amusements	1.12	0	1.47	1.10	.03	-.11
77. Medical, Educational Services & Non-Profit Org.	7.05	0	0	.03	.22	.77
78. Federal Government Enterprises	.22	0	0	.26	.11	.17
79. State & Local Government Enterprises	.11	0	0	.01	.21	.01
80. Gross Imports of Goods & Services	1.33	.02	.54	.83	5.07	.01
81. Business Travel, Entertainment & Gifts	0	0	0	0	0	0
82. Office Supplies	0	0	0	0	.14	.33
83. Scrap, Used, Second Hand Goods	(*)	-1.32	-13.78	.89	.22	.84
84. Government Industry	0	0	0	0	37.24	46.99
85. Rest of the World Industry	-.40	0	0	18.46	-1.16	0
86. Household Industry	1.21	0	0	0	0	0
87. Inventory Valuation Adjustment ³	0	0	-20.86	0	0	0

¹ The industrial distribution of final purchases is based on producers' prices. Final purchases are shown net of sales; this can result in negative percents where sales exceed purchases.

² The industrial distribution of inventory change represents the change in inventories of primary products of an industry (wherever held), rather than the change in all inventories held by an industry.

³ For the input-output table, the inventory valuation adjustment has been made in total only.

* Less than .005 percent. NOTE.—Detail may not add to total due to rounding.

Source: U.S. Department of Commerce, OBE.

accounts, the industrial distribution will differ. A detailed industry-by-industry reconciliation will be included in a subsequent publication.

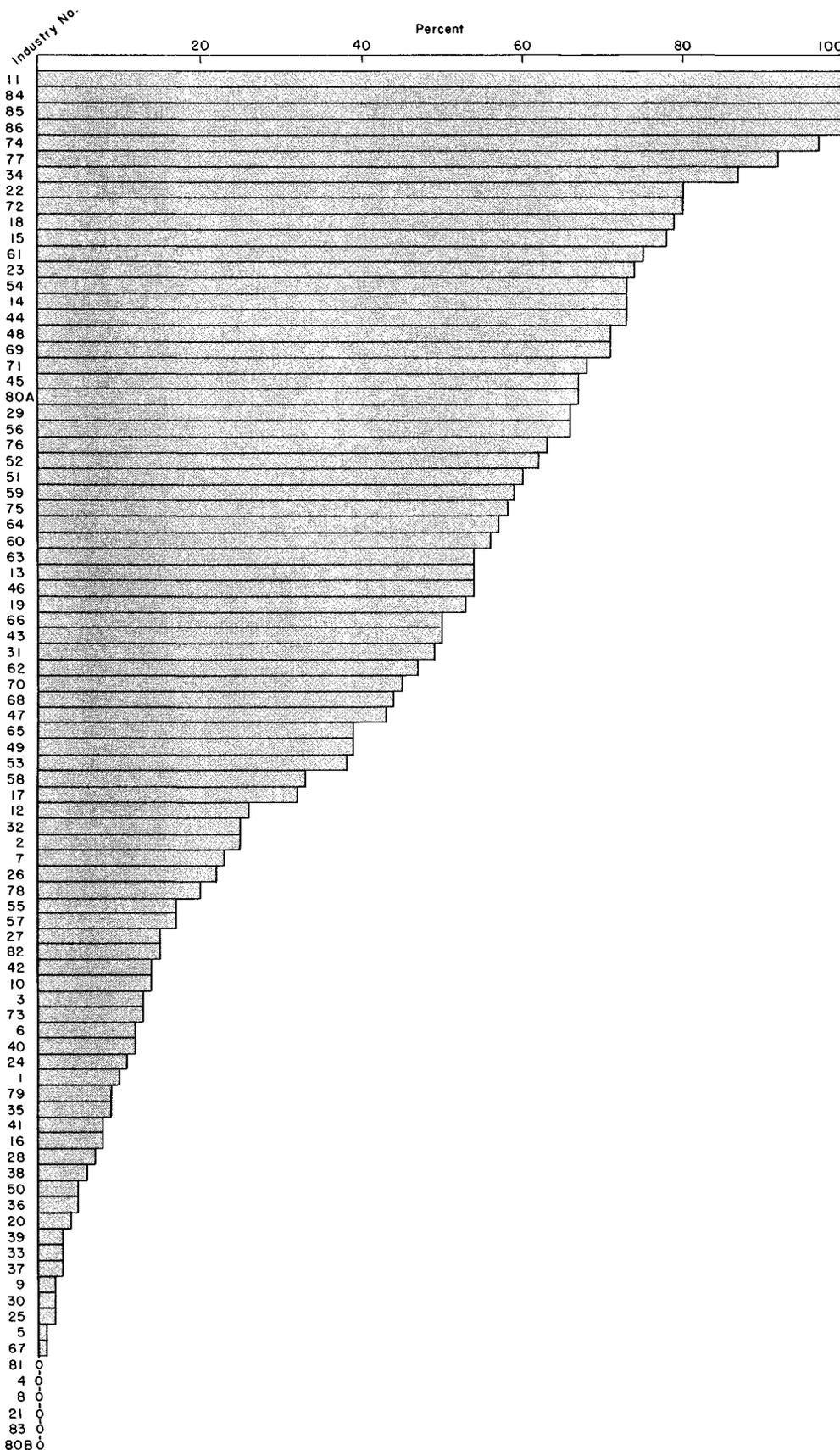
Uses of input-output

Input-output analysis has a variety of applications including such diverse uses as evaluating an individual firm's sales potential and probing the implications of broad economic programs. For example, a businessman can compare his company's marketing position with that of the industry as a whole and note possible areas of additional market potential. Moreover, while companies frequently know the industries which use their products and services, they less frequently know the industries which use the products and services of their customers. Furthermore, their knowledge diminishes rapidly as these relationships are extended to the customers' customers, and so on. An approach, such as input-output, which traces these myriad purchase and sale relationships permits an understanding of the probable changes in demand for the products of any given industry that may result from expected changes in other industries or markets which are seemingly unrelated.

Input-output is a powerful tool for analyzing changes in the economy because it provides a series of links between the demands of final markets and the outputs of industries. Consequently, it brings into focus the possible repercussions of changes in gross national product or its components on the output of each of the industries. For example, it permits identifying the industries which are affected directly and indirectly (and the extent to which they are affected) by specified changes in consumer expenditures, by increasing exports or imports, by changes in the level of defense expenditures, or by an expansion of Federal road building programs.

By use of supplementary data on the employment required per unit of output, the output requirement from each industry can, in turn, be translated into requirements for employment. In a parallel fashion, supplementary information on capital and capacity might be used to shed light on the possible needs for additional plant and equipment.

Producing Industries Ranked by Percent of Output Sold Directly to Final Demand, 1958



A simple example may serve to clarify the way in which input-output can be useful in analyzing changes in the economy. Suppose there is an increased demand by consumers for passenger cars. We know that the increased output of the automobile industry will generate a series of increased demands for output of a large number of other industries. There will be increased demand for steel which in turn will require more chemicals, such as sulfuric acid, more iron, more limestone, and more coal. There will be more demand for upholstery fabrics which will require more natural fibers from agriculture, more synthetic fibers from the chemical industry, and more plastics. The chemical industry will also be called upon to supply more synthetics such as nylon and rayon for the tire industry. These are only a few of the resulting demands occasioned by the single change in consumer requirements. The input-output tables permit tracing this complicated and highly intricate chain reaction through our industrial structure and measuring the demands, both direct and indirect, imposed upon each of the industries.

In conjunction with auxiliary information on the geographic distribution of industries, input-output analysis can be used to shed light on the regional implications of many national programs.

Input-output information is also useful in price analysis. By providing a chain of relationships and a set of weights for these relationships, it enables one to examine, for example, the possible impact on other industries of a given change in wages and/or prices in a specified industry.

Many of the uses of input-output involve the simplifying assumption that the relationships developed in the basic table are appropriate for other years and through a limited range of output levels. It is recognized that there are theoretical limitations to this assumption. However, for the most part, it is close enough to reality to yield satisfactory results.⁴ Where significant

4. Further discussion of the nature and implications of the assumption is contained in the unpublished document available, upon request, from OBE. In addition, while the Office of Business Economics has applied the input-output technique to a limited extent in the course of developing the basic estimates, further analytical studies aimed partly at shedding light on the validity of the assumptions under varying conditions are planned for the future.

changes in relationships do occur, proper use of the input-output technique requires that such changes be introduced.

Description of the tables

Three basic tables on 1958 input-output relationships—the output distribution table, the direct requirements table, and the total requirements table—are presented in this first report on the 1958 input-output study.⁵ These tables and some of the important economic relationships which they reveal are described below.⁶

Output distribution table (table 1). Table 1 provides information on the 1958 market patterns for the output of each of the industrial categories of goods or services. Each row of this table shows the distribution (in percentages) to each of the industries and final users of the goods and services of the industry. It provides the data needed by a firm to compare its sales pattern with that of its industry, thus identifying potential markets.

It can be noted from table 1 that the direct relationship between the production of an industry and its sales to final users varies considerably. Some industrial categories such as tobacco manufactures (15) and household furniture (22) sold over three-fourths of their total output to final users and are, therefore, directly affected by changes in final markets. On the other hand, other industrial cate-

gories such as agricultural services (4) and iron and ferroalloy ores mining (5) sold virtually all of their output to intermediate consumers. For such industries the connection between production and final markets is remote and can be traced only through the sales of their customers. Of the 86 separate industries examined, 51 sold over half of their output to intermediate users; as many as 36 sold more than three-fourths of their output to industrial users. The wide range in the percentage of total output sold directly to final demand is shown in the chart on page 12 which arrays the 86 producing industries by the proportion of their output which was sold directly to final users.

It can also be noted from table 1 that there are wide differences amongst industrial categories in the degree of diversity of their intermediate distribution patterns. For example, while the primary iron and steel manufacturing industry (37) and the metal container industry (39) both sold over 90 percent of their output to other producing industries, the former sold its output to 55 intermediate industries no one having purchased more than 20 percent of its output, while the latter sold its output to only 12 industries with one industry, food and kindred products (14), having absorbed 73 percent of its output.

It is important to bear in mind that the output distributions shown in table 1 refer to 1958 and, therefore, reflect the demand, prices, and product mixture for that year. This output distribution pattern is likely to fluctuate over time as a result of changes in relative importance of industrial markets. Thus, this pattern should be applied with caution to other years.

Direct requirements table (table 2). Table 2 relates each of the inputs of an industry to its total output. Each column of table 2 shows the inputs that the industry named at the top of that column required from each of the industries named at the beginning of the rows to produce a dollar of its output. For example, to produce a dollar of output, the chemicals manufacturing industry (col. 27) required 19 cents of its own production, 5 cents from the petroleum refining industry (row 31), 3 cents from the chemical mining industry (row 10), etc.

The information in table 2 reflects the relatively complex and specialized nature of the United States production process. The table shows quite clearly the heavy interdependence amongst the various producing industries. Ours is not a production process characterized by a simple structure which combines basic raw materials with labor and machines to turn out products which are sold to the final user. Rather, it is characterized by a highly specialized system which fabricates semiprocessed goods and various business services for combination into still further advanced stages of fabrication.

Almost all industries required inputs from at least 25 different industries. As many as 58 producing industries required inputs from over 50 different industries. The chemicals industry (column 27) for example, required inputs from 71 different industries and only 8 of these supplying industries can be considered producers of basic raw materials.

The data in table 2 permit the tracing of the interconnections among the various industries and final demand in a systematic way. For example, assume that the household furniture industry produces \$1 million of furniture for sale to consumers. By reference to column 22 it is seen that the household furniture industry would require slightly under \$15,000 ($\$1,000,000 \times .01488$) from itself. Thus, industry 22 would have to produce a minimum of \$1,015,000. Continuing the example, this amount of output would require almost \$58,000 ($\$1,015,000 \times .05685$) of fabrics from industry 16, a little over \$125,000 ($\$1,015,000 \times .12421$) of wood products from industry 20 (and so on down the column).

Next we can calculate the output required by each of the supplying industries to meet the requirement placed on them. For example, industry 22 has so far placed a demand on industry 16 for \$58,000 of fabrics. In order to produce this value of fabrics, calculating in a similar fashion, industry 16 imposes a demand of \$20,000 ($\$58,000 \times .34664$) on itself, and for the resulting output requires almost \$7,000 ($\$78,000 \times .08465$) of man-made fibers and other plastic materials from industry 28, and so on.

5. This report does not include one of the standard tables for the presentation of input-output relationships—the transactions or flow table. This table shows the dollar values of the transactions among the various industries, of the value added, and of the final markets of the economy. The sum of the appropriate final demand columns in such a table is equivalent to gross national product in the year of the table. The preliminary estimates of GNP for 1958 developed as part of the input-output analysis are subject to modification in the course of the development of the revised time series on GNP. Until the time series is completed, the 1958 dollar values cannot be considered as final. However, changes in these values would not affect the interindustry structural relationships presented in this article.

6. It should be noted that information presented in these tables is influenced by the concepts and conventions adopted for the 1958 input-output study. Thus, the various patterns are based on producers' prices. The information does not show sales to wholesale and retail trade for resale but shows the flow of goods directly from producer to user. Some of the distributions do not represent actual sales (or purchases) but reflect "fictitious sales" (transfers) of secondary products to the primary producing industries. Consumption does not distinguish between domestic production and imports when the two are substitutable. The distributions to other industries represent actual consumption and do not include purchases for inventory accumulation or on capital account. Such purchases are included in the final demand categories, net inventory change and gross private fixed capital formation, respectively. The concepts and conventions are described briefly in the final section of this article.

Table B.—Total, Direct, and Indirect Output Attributable to Each Category of Final Demand, 1958

(Percent)

Producing Industry	Personal consumption expenditures			Gross private fixed capital formation			Net inventory change			Gross exports			Federal government purchases			State and local government purchases		
	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect
1. Livestock & Livestock Products.....	89.9	8.0	81.9	1.4	0	1.4	3.4	2.3	1.1	3.0	.1	2.9	1.4	(*)	1.4	.9	(*)	.9
2. Other Agricultural Products.....	76.2	10.5	65.7	2.9	0	2.9	3.0	1.8	1.2	10.3	7.5	2.8	6.3	4.7	1.6	1.3	.1	1.2
3. Forestry & Fishery Products.....	64.1	19.4	44.7	25.3	0	25.3	1.8	1.3	.5	5.0	2.1	2.9	-5.3	-9.4	4.1	9.1	(*)	9.1
4. Agricultural, Forestry & Fishery Services.....	80.6	0	80.6	3.8	0	3.8	4.1	1.3	2.8	7.3	.2	7.1	7.1	2.9	4.2	-2.9	-4.4	1.5
5. Iron & Ferroalloy Ores Mining.....	32.1	0	32.1	37.2	0	37.2	-4.5	-1.8	-2.7	13.5	3.3	10.2	12.8	0	12.8	8.9	0	8.9
6. Nonferrous Metal Ores Mining.....	26.0	0	26.0	26.6	0	26.6	-4.4	-2.4	-2.0	9.1	.3	8.8	35.6	14.5	21.1	7.1	0	7.1
7. Coal Mining.....	53.9	9.5	44.4	14.9	0	14.9	-1.8	-1.8	-1.0	19.1	12.1	7.0	6.3	0	6.3	7.6	2.2	5.4
8. Crude Petroleum & Natural Gas.....	72.1	0	72.1	9.0	0	9.0	-1.3	-1.4	-9.9	6.6	.3	6.3	7.8	0	7.8	5.8	0	5.8
9. Stone & Clay Mining & Quarrying.....	24.2	1.1	23.1	46.5	0	46.5	.2	.2	(*)	4.5	1.4	3.1	8.2	.6	7.6	16.4	-7	17.1
10. Chemicals & Fertilizers Mineral Mining.....	46.6	.2	46.4	11.8	0	11.8	-5	-2	-3	20.5	9.8	10.7	13.1	1.9	11.2	8.5	2.1	6.4
11. New Construction.....	0	0	0	70.5	70.5	(*)	0	0	0	(*)	(*)	(*)	6.5	6.5	(*)	23.0	23.0	(*)
12. Maintenance & Repair Construction.....	60.7	0	60.7	5.4	0	5.4	1	0	.1	2.5	0	2.5	9.4	6.3	3.1	21.9	19.9	2.0
13. Ordnance & Accessories.....	7.0	3.4	3.6	2.8	0	2.8	1.4	1.8	-4	1.7	.4	1.3	86.7	48.6	38.1	.4	.1	.3
14. Food & Kindred Products.....	94.0	70.2	23.8	1.0	0	1.0	.6	.4	.2	2.5	1.7	.8	1.0	.3	.7	.9	.4	.5
15. Tobacco Manufactures.....	90.3	71.5	18.8	.5	0	.5	-.5	-.4	-1	9.2	7.3	1.9	.3	0	.3	.2	(*)	.2
16. Broad & Narrow Fabrics, Yarn & Thread Mills.....	89.9	6.5	83.4	3.0	0	3.0	-2.3	-1.0	-1.3	4.9	1.9	3.0	3.1	.5	2.6	1.4	.1	1.3
17. Misc. Textile Goods & Floor Coverings.....	80.5	29.7	50.8	9.3	1.8	7.5	-1.7	-1.1	-6	5.2	1.8	3.4	4.4	.2	4.2	2.3	(*)	2.3
18. Apparel.....	97.5	78.1	19.4	.6	0	.6	-1.1	-1.1	-9	2.2	1.4	1.0	.4	.7	.3	.4	.9	.3
19. Miscellaneous Fabricated Textile Products.....	86.6	48.1	38.5	3.6	0	3.6	-.3	(*)	-.3	2.5	.8	1.7	6.5	4.5	2.0	1.1	(*)	1.1
20. Lumber & Wood Products, Except Containers.....	27.7	1.8	25.9	45.2	.1	45.1	-.8	-.7	.1	3.8	1.3	2.5	6.7	-.1	6.8	15.8	(*)	15.8
21. Wooden Containers.....	73.1	0	73.1	12.4	0	12.4	-1.6	-2.1	.5	6.3	.6	5.7	6.1	.4	5.7	3.7	.1	3.6
22. Household Furniture.....	78.1	73.2	4.9	13.3	3.8	9.5	-.3	-.2	-.1	.9	.5	.4	3.7	.8	2.9	4.3	1.7	2.6
23. Other Furniture & Fixtures.....	14.2	8.6	5.6	66.6	53.4	13.2	-.1	(*)	-.1	1.8	1.2	.6	4.9	1.7	3.2	12.6	8.5	4.1
24. Paper & Allied Products, Except Containers.....	68.2	8.1	60.1	12.9	0	12.9	-.2	(*)	-.2	6.8	2.4	4.4	6.6	.7	5.9	5.7	.1	5.6
25. Paperboard Containers & Boxes.....	73.9	1.0	72.9	11.4	0	11.4	-.2	(*)	-.2	5.1	.5	4.6	5.9	-.1	5.8	3.9	(*)	3.9
26. Printing & Publishing.....	73.1	19.3	53.8	10.2	0	10.2	(*)	.1	-.1	3.7	.7	3.0	6.2	.7	5.5	6.8	1.4	5.4
27. Chemicals & Selected Chemical Products.....	53.3	1.8	51.5	12.0	0	12.0	-.5	-.2	-.3	13.2	5.6	7.6	14.6	6.1	8.5	7.4	2.0	5.4
28. Plastics & Synthetic Materials.....	63.5	.2	63.3	12.5	0	12.5	-2.3	-1.0	-1.3	14.0	7.9	6.1	7.8	.1	7.7	4.5	0	4.5
29. Drugs, Cleaning & Toilet Preparations.....	82.6	55.9	26.7	2.3	0	2.3	.8	.8	(*)	6.3	4.9	1.4	4.1	2.0	2.1	3.9	2.7	1.2
30. Paints & Allied Products.....	52.2	.9	51.3	19.4	0	19.4	-.6	-.2	-.4	5.1	1.5	3.6	8.9	.1	8.8	15.0	(*)	15.0
31. Petroleum Refining & Related Industries.....	70.9	40.3	30.6	9.3	0	9.3	-1.0	-1.0	(*)	6.8	3.6	3.2	8.1	4.0	4.1	5.9	2.1	3.8
32. Rubber & Miscellaneous Plastics Products.....	62.9	19.0	43.9	16.1	.8	15.3	-1.0	-.5	-.5	7.2	3.1	4.1	9.6	1.7	7.9	5.2	1.1	4.1
33. Leather Tanning & Industrial Leather Products.....	88.7	0	88.7	2.9	0	2.9	.5	-.3	.8	5.4	3.1	2.3	1.7	0	1.7	.8	0	.8
34. Footwear & Other Leather Products.....	95.3	83.6	11.7	.7	.2	.5	1.1	1.0	.1	1.5	1.2	.3	1.1	.7	.4	.3	.1	.2
35. Glass & Glass Products.....	68.2	5.9	62.3	14.5	0	14.5	-.7	-.2	-.5	6.9	3.1	3.8	6.4	.1	6.3	4.7	0	4.7
36. Stone & Clay Products.....	20.0	2.8	17.2	50.6	0	50.6	(*)	-.4	-.4	3.6	1.3	2.3	8.3	.1	8.2	17.5	(*)	17.5
37. Primary Iron & Steel Manufacturing.....	31.4	.1	31.3	39.6	0	39.6	-2.7	-.8	-1.9	10.1	2.8	7.3	12.5	.6	11.9	9.1	(*)	9.1
38. Primary Nonferrous Metal Manufacturing.....	28.2	.1	28.1	32.6	0	32.6	-1.6	-.1	-1.5	10.1	3.0	7.1	22.3	3.3	19.0	8.4	0	8.4
39. Metal Containers.....	84.5	0	84.5	3.8	.5	3.3	1.0	.6	.4	4.8	1.2	3.6	3.6	.8	2.8	2.3	0	2.3
40. Heating, Plumbing & Structural Metal Products.....	11.9	.9	11.0	60.0	8.8	51.2	-1.1	-.9	-.2	4.1	2.8	1.3	7.0	(*)	7.0	18.1	0	18.1
41. Stampings, Screw Machine Products & Bolts.....	47.1	6.7	40.4	26.4	0	26.4	-3.7	-1.8	-1.9	7.1	.8	6.3	18.2	2.5	15.7	4.9	.1	4.8
42. Other Fabricated Metal Products.....	42.7	5.8	36.9	30.6	2.5	28.1	-1.9	-.7	-1.2	8.6	3.8	4.8	11.9	1.7	10.2	8.1	.7	7.4
43. Engines & Turbines.....	21.1	5.7	15.4	46.1	26.1	20.0	-3.8	-2.7	-1.1	14.8	9.6	5.2	19.7	10.8	8.9	2.1	.1	2.0
44. Farm Machinery & Equipment.....	13.3	.3	13.0	73.0	65.1	7.9	-.9	-.9	(*)	10.0	7.3	2.7	2.9	.2	2.7	1.7	(*)	1.0
45. Construction, Mining & Oil Field Machinery.....	8.3	0	8.3	57.8	42.8	15.0	-3.0	-2.4	-.6	26.9	23.0	3.9	6.1	2.6	3.5	3.9	.7	3.2
46. Materials Handling Machinery & Equipment.....	6.8	0	6.8	57.6	32.1	25.5	-2.6	-2.2	-.4	9.4	7.0	2.4	17.2	12.4	4.8	11.6	4.5	7.1
47. Metalworking Machinery & Equipment.....	19.0	.8	18.2	48.7	31.5	17.2	-4.9	-3.6	-1.3	14.0	9.0	5.0	20.6	4.7	15.9	2.6	.1	2.5
48. Special Industry Machinery & Equipment.....	13.0	.8	12.2	67.3	57.8	9.5	-4.8	-4.2	-.6	17.5	14.6	2.9	4.3	1.2	3.1	2.7	1.2	1.5
49. General Industrial Machinery & Equipment.....	14.4	0	14.4	56.0	28.0	28.0	-3.6	-2.2	-1.4	13.4	7.3	6.1	15.3	5.3	10.0	4.5	.1	4.4
50. Machine Shop Products.....	29.0	0	29.0	20.9	0	20.9	-1.8	-.7	-1.1	7.0	.9	6.1	39.0	2.6	36.4	5.9	2.2	3.7
51. Office, Computing & Accounting Machines.....	23.5	2.6	20.9	55.0	45.0	10.0	-.8	-.6	-.2	8.1	6.0	2.1	7.7	3.3	4.4	6.5	3.9	2.6
52. Service Industry Machines.....	24.9	11.0	13.9	57.6	42.4	15.2	-2.0	-1.6	-.4	7.7	6.0	1.7	7.1	2.9	4.2	4.7	.9	3.8
53. Electric Industrial Equipment & Apparatus.....	16.1	.3	15.8	56.1	31.3	24.8	-3.7	-2.6	-1.1	9.8	5.4	4.4	17.0	3.5	13.5	4.7	.1	4.6
54. Household Appliances.....	75.8	67.2	8.6	11.4	2.6	8.8	-2.0	-1.8	-.2	5.4	4.5	.9	7.0	.6	6.4	2.4	(*)	2.4
55. Electric Lighting & Wiring Equipment.....	33.7	13.6	20.1	36.5	1.1	35.4	-1.9	-1.3	-.6	5.5	2.8	2.7	14.5	.8	13.7	11.7	.4	11.3
56. Radio, Television & Communication Equipment.....	32.3	22.5	9.8	21.9	16.7	5.2	-1.6	-1.2	-.4	4.8	3.3	1.5	40.7	23.1	17.6	1.9	1.0	.9
57. Electronic Components & Accessories.....	35.7	5.6	30.1	18.8	1.0	17.8	-3.1	-1.8	-1.3	7.6	3.4	4.2	38.9	8.8	30.1	2.1	(*)	2.1
58. Misc. Electrical Machinery, Equipment & Supplies.....	53.4	16.7	36.7	20.3	5.4	14.9	-.8	-1.6	-1.2	8.9	4.6	4.3	15.1	5.8	9.3	5.1	2.1	3.0
59. Motor Vehicles & Equipment.....	64.7	39.2	25.5	24.4	15.2	9.2	-3.3	-2.3	-1.0	6.4	3.9	2.5	4.6	1.3	3.3	3.2	1.9	1.3
60. Aircraft & Parts.....	3.9	.2	3.7	5.5	2.8	2.7	-2.5	-2.1	-.4	6.1	4.4	1.7	86.7	51.0	35.7	.3	(*)	.3
61. Other Transportation Equipment.....	30.6	19.2	11.4	38.4	31.2	7.2	-2.3	-2.0	-.3	10.1	7.9	2.2	20.9	17.3	3.6	2.3	1.0	1.3
62. Scientific & Controlling Instruments.....	31.2	9.7	21.5	26.7	14.7	12.0	-.7	-.2	-.5	7.3	5.1	2.2	30.2	15.2	15.0	5.3	2.4	2.9
63. Optical, Ophthalmic & Photographic Equipment.....	59.1	28.9	30.2	15.2	10.1	5.1	.2	.3	-.1	7.4	5.6	1.8	15.4	8.4	7.0	2.7	.9	1.8
64. Miscellaneous Manufacturing.....	75.1	45.7	29.4	11.0	5.0	6.0	.5	.6	-.1	3.6	2.1	1.5	4.0	.6	3.4	5.8	3.2	2.6
65. Transportation & Warehousing.....	61.9	25.4	36.5	13.7	1.5	12.2	.3	.4	-.1	9.9	6.7	3.2	8.9	4.2	4.7	5.3	1.2	4.1
66. Communications; Except Radio & T.V. Broadcasting.....	76.6	42.1	34.5	11.0	3.9	7.1	-.1	0	-.1	2.8	.7	2.1	5.3	1.8	3.5	4.4	2.0	2.4
67. Radio & T.V. Broadcasting.....	65.8	0	65.8	15.4	0	15.4	-.1	0	-.1	4.6	.6	4.0	7.1	0	7.1	7.2	0	7.2
68. Electric, Gas, Water & Sanitary Services.....	79.4	39.7	39.7	7.4	0	7.4	-.2	0	-.2	2.6	.2	2.4	5.6	1.7	3.9	5.2	2.4	2.8
69. Wholesale & Retail Trade.....	80.6	64.6	16.0	11.1	3.9	7.2	(*)	.1	-.1	2.7	1.5	1.2	3.0	.7	2.3	2.6	.2	2.4
70. Finance & Insurance.....	86.7	44.6	42.1	6.1	0	6.1	(*)	0	(*)	1.9	.1	1.8	2.5	(*)	2.5	2.8	.7	2.1
71. Real Estate & Rental.....	89.6	64.5	25.1	5.2	2.0	3.2	(*)	0	(*)	1.8	.4	1.4	1.9	.2	1.7	1.5	.4	1.1
72. Hotels; Personal & Repair Services Exc. Auto.....	92.1	77.7	14.4	2.5	0	2.5	-.1	0	-.1	.7	0	.7	3.3	2.0	1.3	1.5	.7	.8
73. Business Services.....	65.9	7.7	58.2	15.6	0	15.6	-.1	0	-.1	4.1	.7	3.4	7.2	2.3	4.9	7.3	2.3	5.0
74. Research & Development.....	1.8	0	1.8	.5	0	.5	(*)	0	(*)	.2	0	.2	97.4	97.0	.4	.1	0	.1
75. Automobile Repair &																		

This chain of repeated calculations of output requirements which spread through the economy can be traced, and the total amount of output required from each industry to produce \$1 million of household furniture for consumers can thus be derived. This is a very laborious and time-consuming procedure unless performed on an electronic computer. However, there is an alternative, table 3, for which the relationships in table 2 have been completely traced and summarized.

Total requirements table (table 3). Each column of table 3 shows the amount of output required both directly and indirectly from the industry named at the beginning of each row for each dollar of deliveries to final demand by the industry named at the head of the column.⁷ Table 3 is set up to measure the total requirements (direct and indirect) per dollar of delivery to final demand. This table permits calculating the impact on the various industries of the economy which result from stipulated changes in the final demand.

Returning to the example of the household furniture described above, we see that instead of the laborious tracing of the impacts from industry to industry, it is possible to calculate the impacts quite simply. Thus, the column for industry 22 shows that to provide final demand with an additional \$1 million of household furniture, \$1,016,000 ($\$1,000,000 \times 1.01602$) is required in total from industry 22, almost \$99,000 ($\$1,000,000 \times .09888$) from industry 16, almost \$183,000 ($\$1,000,000 \times .18274$) from industry 20, etc.

As a further illustration of the link provided by input-output between final demand and the output of each industry, a series of calculations were performed using table 3. The results of these calculations appear in table B, which shows the percentage of output of each industry which was attributable, directly or indirectly, to each category of final demand in 1958.

A number of interesting observations emerge from this table. For example, it is seen that while only 8 percent of the output of the paper industry (24) was sold to persons, 68 percent of its output was attributable to total consumption by persons. The table also shows that almost 13 percent of the paper industry's output was indirectly associated with fixed investment (including residential construction) by all industries. Reading further, we find the 10 percent of chemical mining (10) which was exported directly was augmented by an additional 11 percent of output which was attributable to the exports of other commodities.

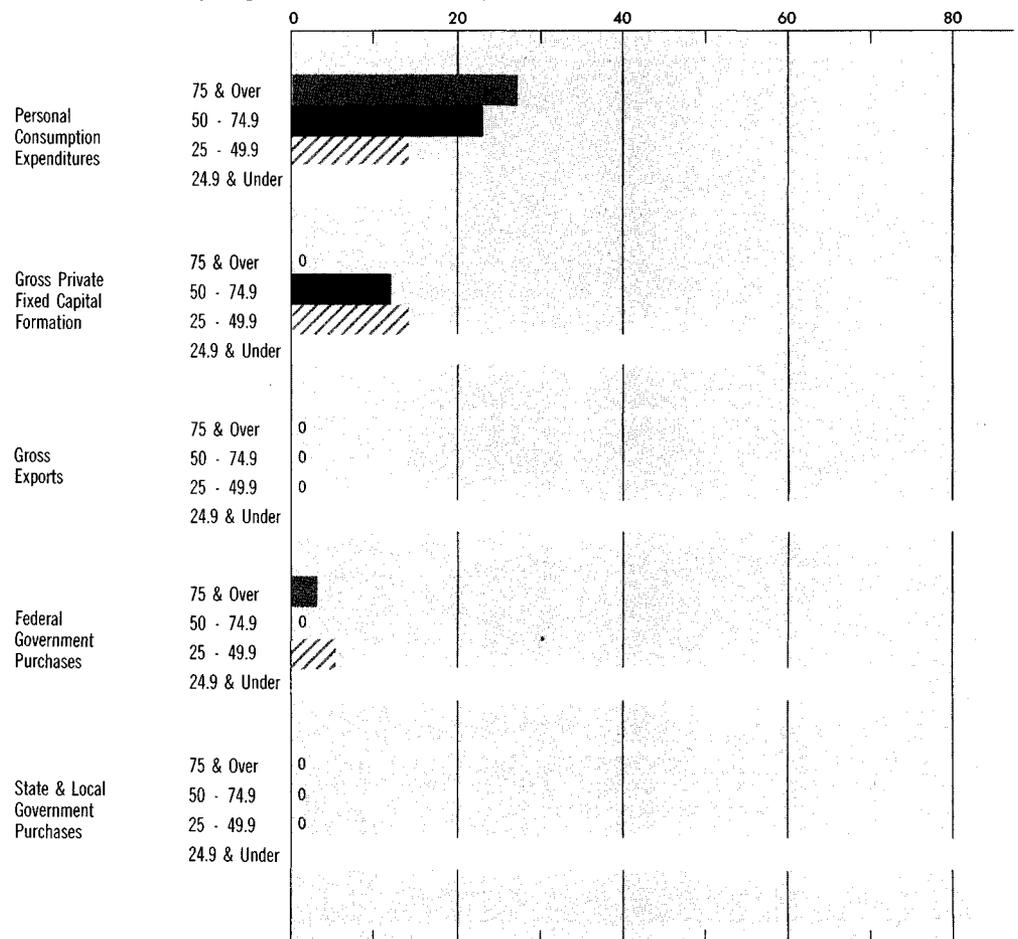
The information in table B showing the percentage of total output of each industry attributable to each final

demand category, has been summarized in the chart below. As would be expected, most industries are heavily dependent on consumer expenditures. Of the 82 industries included in this chart, 50 attribute half or more of their output to consumer purchases. Another 12 attribute more than half of their output to fixed investment and only 3 attribute more than half to Federal Government. The remaining eighteen industries depend on more than one final demand category for the bulk of their output. The maximum share of the output of any industry attributable to State and local governments was under 25 percent.

While table 3 is more convenient for calculating total requirements, table 2 will sometimes be preferred, because it

This category of final demand, directly and indirectly generated . . . this percent of output . . . in this number of industries

Extent to Which Each Category of Final Demand Generated Output of Industries, 1958



7. The mathematical procedures for converting direct requirements to total requirements are described in *Inter-industry Economics* by Chenery and Clark, *Input-Output in National Accounts* by Richard Stone, and other similar texts. The total requirements shown in table 3 were calculated using a program for electronic computers developed at the Harvard Economic Research Project.

Classification of industries. All productive activities of the U.S. economy have been grouped into 86 industries. Most of these are combinations of industries as defined in the Standard Industrial Classification (SIC) Manual, 1957 edition. Three are "dummy" industries established to simplify the estimating procedures. A list of the industrial categories and their composition in terms of the SIC, where relevant, are given on this page.

Secondary products or activities. In most cases, secondary products were treated as if sold by the producing industry to the primary industry and added to the output of the primary industry.¹²

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

Imports. Imports used for production (intermediate goods and services) which are substitutable for domestically produced goods and services¹³ were treated in a parallel manner to secondary products; that is, they were shown as if purchased by the industry producing the substitutable item and added to that industry's output.

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

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

Gross input of an industry is equal to the sum of the values of the following elements: (a) total consumption of goods and services required for the industry's total production; (b) value added by the industry; (c) the producers' value of the secondary products or services of other industries which are primary to the given industry; and (d) the domestic port value of imports which are distributed as part of the output of the given industry.¹⁴

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

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

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

14. Secondary products and imports are added to both the inputs and outputs.

Inventories. The inventory change shown for each industry represents the change in inventories of the industry's products regardless of which industry actually owns or holds the inventories. (This is different from the customary industry inventory figures which represent inventories held by each industry.) Inventories are so classified in the input-output table in order to provide the balance between the output of each industry and the total consumption of its products. Current production includes products which end up in

inventories and are therefore not reflected in consumption. On the other hand, consumption may come from inventories of the producer, of the consumer, or of trade companies as well as from current output. To the extent it comes from inventories, it is not included in current production. Therefore, adding inventory increases of products of the industry to, and subtracting depletions from, the consumption of that industry's products achieves the balance with gross output of the industry.

Industry Numbering for the 1958 Input-Output Study

Industry No. and Industry Title	Related SIC Codes (1957 Edition)	Industry No. and Industry Title	Related SIC Codes (1957 Edition)
Agricultural, forestry & fisheries			
1 Livestock & livestock products.....	013, pt. 014, 0193, pt. 02, pt. 0729	46 Materials handling machinery & equipment.	3534, 3535, 3536, 3537
2 Other agricultural products.....	011, 012, pt. 014, 0192, 0199, pt. 02	47 Metalworking machinery & equipment.	354
3 Forestry & fishery products.....	074, 081, 082, 084, 086, 091	48 Special industry machinery & equipment.	355
4 Agricultural, forestry & fisheries services.	071, 0723, pt 0729, 085, 098	49 General industrial machinery & equipment.	356
Mining			
5 Iron & ferroalloy ores mining.....	1011, 106	50 Machine shop products.....	359
6 Nonferrous metal ores mining.....	102, 103, 104, 105, 108, 109	51 Office, computing & accounting machines.	357
7 Coal mining.....	11, 12	52 Service industry machines.....	358
8 Crude petroleum & natural gas.....	1311, 1321	53 Electric transmission & distribution equipment, & electrical industrial apparatus.	361, 362
9 Stone & clay mining & quarrying....	141, 142, 144, 145, 148, 149	54 Household appliances.....	363
10 Chemical & fertilizer mineral mining.	147	55 Electric lighting & wiring equipment.	364
Construction			
11 New construction.....	138, pt. 15, pt. 16, pt. 17, pt. 6561	56 Radio, television, & communication equipment.	365, 366
12 Maintenance & repair construction....	pt. 15, pt. 16, pt. 17	57 Electronic components & accessories.	367
Manufacturing			
13 Ordnance & accessories.....	19	58 Miscellaneous electrical machinery, equipment, & supplies.	369
14 Food & kindred products.....	20	59 Motor vehicles & equipment.....	371
15 Tobacco manufactures.....	21	60 Aircraft & parts.....	372
16 Broad & narrow fabrics, yarn & thread mills.	221, 222, 223, 224, 226, 228	61 Other transportation equipment.....	373, 374, 375, 379
17 Miscellaneous textile goods & floor coverings.	227, 229	62 Professional, scientific, & controlling instruments & supplies.	381, 382, 384, 387
18 Apparel.....	225, 23(exc. 239), 3992	63 Optical, ophthalmic, & photographic equipment & supplies.	383, 385, 386
19 Miscellaneous fabricated textile products.	239	64 Miscellaneous manufacturing.....	39 (exc. 3992)
20 Lumber & wood products, except containers.	24 (exc. 244)	Transportation, communication, electric, gas, & sanitary services	
21 Wooden containers.....	244	65 Transportation & warehousing.....	40, 41, 42, 44, 45, 46, 47
22 Household furniture.....	251	66 Communications, except radio & television broadcasting.	481, 482, 489
23 Other furniture & fixtures.....	25 (exc. 251)	67 Radio & T.V. broadcasting.....	483
24 Paper & allied products, except containers & boxes.	26 (exc. 265)	68 Electric, gas, water, & sanitary services.	49
25 Paperboard containers & boxes.....	265	Wholesale & retail trade	
26 Printing & publishing.....	27	69 Wholesale & retail trade.....	50 (exc. manufacturers sales offices), 52, 53, 54, 55, 56, 57, 58, 59, pt. 7399
27 Chemicals & selected chemical products.	281 (exc. alumina pt. of 2819), 286, 287, 289	Finance insurance & real estate	
28 Plastics & synthetic materials.....	282	70 Finance & insurance.....	60, 61, 62, 63, 64, 66, 67
29 Drugs, cleaning, & toilet preparations.	283, 284	71 Real estate & rental.....	65 (exc. 6541 & pt. 6561)
30 Paints & allied products.....	285	Services	
31 Petroleum refining & related industries.	29	72 Hotels & lodging places; personal & repair services, except automobile repair.	70, 72, 76 (exc. 7694 & 7699)
32 Rubber & miscellaneous plastics products.	30	73 Business services.....	6541, 73 (exc. 7301, 7301, & pt. 7399), 7694, 7699, 81, 89 (exc. 8921)
33 Leather tanning & industrial leather products.	311, 312	74 Research & development.....	75
34 Footwear & other leather products....	31 (exc. 311, 312)	75 Automobile repair & services.....	78, 79
35 Glass & glass products.....	321, 322, 323	76 Amusements.....	0722, 7361, 80, 82, 84, 86, 8921
36 Stone & clay products.....	324, 325, 326, 327, 328, 329	77 Medical, educational services, & nonprofit organizations.	
37 Primary iron & steel manufacturing....	331, 332, 3391, 3399	Government enterprises	
38 Primary nonferrous metals manufacturing.	2819 (alumina only), 333, 334, 335, 336, 3392	78 Federal Government enterprises.....	
39 Metal containers.....	3411, 3491	79 State & local government enterprises.	
40 Heating, plumbing & fabricated structural metal products.	343, 344	Imports	
41 Screw machine products, bolts, nuts, etc., & metal stampings.	345, 346	80 Gross imports of goods & services.....	
42 Other fabricated metal products.....	342, 347, 348, 349 (exc. 3491)	Dummy industries	
43 Engines & turbines.....	351	81 Business travel, entertainment, & gifts.	
44 Farm machinery & equipment.....	352	82 Office supplies.....	
45 Construction, mining, oil field machinery & equipment.	3531, 3532, 3533	83 Scrap, used & secondhand goods.....	
		Special industries	
		84 Government industry.....	
		85 Rest of the world industry.....	
		86 Household industry.....	

A more complete discussion of the 1958 input-output study, with special emphasis on the technical and conceptual aspects, is contained in an unpublished document available upon request from the Office of Business Economics.

Table 1.—Percent Distribution of Gross Output, 1958

(Producers' prices)

	Total	For the distribution of output of an industry read the row for that industry														
		Livestock & livestock products	Other agricultural products	Forestry & fishery products	Agricultural, forestry & fishery services	Iron & ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum & natural gas	Stone & clay mining & quarrying	Chemical & fertilizer mineral mining	New construction	Maintenance & repair construction	Ordnance & accessories	Food & kindred products	Tobacco manufactures	Bread & narrow fabrics, yarn & thread mills
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Livestock & Livestock Products.....	100.0	15.9	6.5	0	0.8	0	0	0	0	0	0	0	0	56.7	0	0.4
2. Other Agricultural Products.....	100.0	28.1	3.0	0	0	0	0	0	0	0	1.0	0	0	20.1	4.6	0.5
3. Forestry & Fishery Products.....	100.0	0	0	1.1	0	0	0	0	0	0	0	0	0	19.0	0	0.0
4. Agricultural, Forestry & Fishery Services.....	100.0	31.5	56.2	1.1	0.1	0	0	0	0	0	0	0	0	0	0	0.0
5. Iron & Ferroalloy Ores Mining.....	100.0	0	0	0	0	5.1	0	0	0	0	0	0	0	0	0	0.0
6. Nonferrous Metal Ores Mining.....	100.0	0	0	0	0	1.6	17.5	0	0	0	0	0	0	0	0	0.6
7. Coal Mining.....	100.0	0	0	0	0	0	17.1	0	0	0	0	0	0	0	0	0.0
8. Crude Petroleum & Natural Gas.....	100.0	0	0	0	0	0	0	0	0.1	0	0	0	0	1.5	0	0.0
9. Stone & Clay Mining & Quarrying.....	100.0	0	4.1	0	0	0	0	0	0.7	0	0	0	0	0.2	0	0.0
10. Chemical & Fertilizer Mineral Mining.....	100.0	0	5.0	0	0	0	0	0	0	5.6	38.5	8.1	0	1.5	0	0.1
11. New Construction.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
12. Maintenance & Repair Construction.....	100.0	1.4	2.2	0	0	0	0	0	0	0	0	0	0	1.4	0	0.0
13. Ordnance & Accessories.....	100.0	0	0	0	0	0	0	0	0	0	0	0	1.8	0	0	0.0
14. Food & Kindred Products.....	100.0	4.5	0	0	0	0	0	0	0	0	0	0	0	16.2	0	0.0
15. Tobacco Manufactures.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.1	0.0
16. Broad & Narrow Fabrics, Yarn & Thread Mills.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33.9
17. Miscellaneous Textile Goods & Floor Coverings.....	100.0	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0.0
18. Apparel.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
19. Miscellaneous Fabricated Textile Products.....	100.0	0	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0.0
20. Lumber & Wood Products, Except Containers.....	100.0	0	0	0	0	0	0	0	0	0	38.9	5.0	0	0	0	0.0
21. Wooden Containers.....	100.0	0	22.2	0	0	0	0	0	0	0	0	0	1.0	21.8	2.1	0.0
22. Household Furniture.....	100.0	0	0	0	0	0	0	0	0	0	9.0	0	0	0	0	0.0
23. Other Furniture & Fixtures.....	100.0	0	0	0	0	0	0	0	0	0	13.7	1.1	0	0	0	0.0
24. Paper & Allied Products, Except Containers.....	100.0	0	0	0	0	0	0	0	0	0	3.1	0.6	0	3.5	0.7	0.2
25. Paperboard Containers & Boxes.....	100.0	0.4	1	0.3	0	0	0	0	0	0	0	0	0	24.2	1.9	2.3
26. Printing & Publishing.....	100.0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0.1
27. Chemicals & Selected Chemical Products.....	100.0	0.3	9.4	0	0	0	0	0	0	0	3.0	0.6	0	1.5	0	1.4
28. Plastics & Synthetic Materials.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.5	21.5
29. Drugs, Cleaning, & Toilet Preparations.....	100.0	0	4	0	0	0	0	0	0	0	0	0	0	2.4	1	0.4
30. Paints & Allied Products.....	100.0	0	0	0.1	0	0	0	0.3	0	0	10.5	46.9	0	0	0	0.2
31. Petroleum Refining & Related Industries.....	100.0	0.3	5.0	0	0	0	0	0	0	0	5.5	2.1	0	1.6	0	0.1
32. Rubber & Miscellaneous Plastics Products.....	100.0	0.3	2.3	0	0	0	0	0	0	0	4.5	1.0	1.6	2.1	0	0.6
33. Leather Tanning & Industrial Leather Products.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2
34. Footwear & Other Leather Products.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
35. Glass & Glass Products.....	100.0	0	0	0	0	0	0	0	0	0	3.9	3.7	0	27.5	0	1.1
36. Stone & Clay Products.....	100.0	0	0	0	0	0	0	0	0	0	53.7	7.2	0	0	0	0.0
37. Primary Iron & Steel Manufacturing.....	100.0	0	0	0	0	0	0	0	0	0	11.5	1.4	0	0	0	0.0
38. Primary Nonferrous Metals Manufacturing.....	100.0	0	0	0	0	0	0	0	0	0	8.6	2.8	2.2	0	0	0.0
39. Metal Containers.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	72.8	0	0.4
40. Heating, Plumbing & Structural Metal Products.....	100.0	0	0	0	0	0	0	0	0	0	64.5	10.9	0	0	0	0.0
41. Stampings, Screw Machine Products & Bolts.....	100.0	0	0	0	0	0	0	0	0	0	2.4	0.6	0	4.7	0	0.0
42. Other Fabricated Metal Products.....	100.0	0	0	0	0	0	0	0	0	0	13.3	0.8	0	1.3	0	0.1
43. Engines & Turbines.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
44. Farm Machinery & Equipment.....	100.0	0	7.6	0	0	0	0	0	0	0	1.1	0	0	0	0	0.0
45. Construction, Mining, & Oil Field Machinery.....	100.0	0	0	0	0	0	0	0	0	0	5.5	0.7	0	0	0	0.0
46. Materials Handling Machinery & Equipment.....	100.0	0	0	0	0	0	0	0	0	0	22.8	0.8	0	0	0	0.0
47. Metalworking Machinery & Equipment.....	100.0	0	0	0	0	0	0	0	0	0	0	0	1.4	0	0	0.1
48. Special Industry Machinery & Equipment.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.5
49. General Industrial Machinery & Equipment.....	100.0	0	0	0	0	0	0	0	0	0	7.3	0.5	0	0	0	0.0
50. Machine Shop Products.....	100.0	0	0	0	0	0	0	0	0	0	0	0	23.2	0	0	0.0
51. Office, Computing & Accounting Machines.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
52. Service Industry Machines.....	100.0	0	0	0	0	0	0	0	0	0	8.7	1.0	0	0	0	0.0
53. Electric Industrial Equipment & Apparatus.....	100.0	0	0	0	0	0	0	0	0	0	8.2	1.5	1.8	0	0	0.0
54. Household Appliances.....	100.0	0	0	0	0	0	0	0	0	0	5.7	1.7	0	0	0	0.0
55. Electric Lighting & Wiring Equipment.....	100.0	0	0	0	0	0	0	0	0	0	34.6	5.4	2.3	1.0	0	0.1
56. Radio, Television & Communication Equipment.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
57. Electronic Components & Accessories.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
58. Misc. Electrical Machinery, Equipment & Supplies.....	100.0	0	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0.0
59. Motor Vehicles & Equipment.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
60. Aircraft & Parts.....	100.0	0	0	0	0	0	0	0	0	0	0	0	4.8	0	0	0.0
61. Other Transportation Equipment.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
62. Scientific & Controlling Instruments.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
63. Optical, Ophthalmic & Photographic Equipment.....	100.0	0	0	0	0	0	0	0	0	0	5.3	0	0	0	0	0.0
64. Miscellaneous Manufacturing.....	100.0	0	0	0	0	0	0	0	0	0	1.5	0.9	0	0	0	0.0
65. Transportation & Warehousing.....	100.0	1.5	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0.0
66. Communications; Except Radio & T.V. Broadcasting.....	100.0	0	0	0	0	0	0	0	0	0	1.2	0	0	1.7	0	0.2
67. Radio & T.V. Broadcasting.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
68. Electric, Gas, Water & Sanitary Services.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
69. Wholesale & Retail Trade.....	100.0	1.0	1.0	0	0	0	0	0	0	0	5.2	1.4	0	2.4	0	0.3
70. Finance & Insurance.....	100.0	0	1.1	0	0	0	0	0	0	0	1.6	0	0	1.3	0	0.2
71. Real Estate & Rental.....	100.0	0	2.9	0	0	0	0	0	0	0	0	0	0	0	0	0.0
72. Hotels; Personal & Repair Services Exc. Auto.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
73. Business Services.....	100.0	0	3.2	0	0	0	0	0	0	0	10.5	0	0	6.6	1.1	0.4
74. Research & Development.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
75. Automobile Repair & Services.....	100.0	0	0	0	0	0	0	0	0	0	3.3	0	0	3.6	0	0.1
76. Amusements.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
77. Medical, Educational Services, & Non-Profit Organizations.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
78. Federal Government Enterprises.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
79. State & Local Government Enterprises.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
80A. Directly Allocated Imports ¹	100.0	1	2.4	0	0	0	0	0	0	0	0	0	0	14.7	0	0.8
80B. Transferred Imports ¹	100.0	1.8	2.7	2.5	0	3.2	2.2	8.6	0	0	0	0	0	10.4	0	1.6
81. Business Travel, Entertainment, & Gifts.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
82. Office Supplies.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
83. Scrap, Used & Secondhand Goods.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
84. Government Industry.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
85. Rest of the World Industry.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
86. Household Industry.....	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

Table 1.—Percent Distribution of Gross Output, 1958—Continued

(Producers' prices)

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	Industry number
Miscellaneous textile goods & floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber & wood products, except containers	Wooden containers	Household furniture	Other furniture & fixtures	Paper & allied products, except containers	Paperboard containers & boxes	Printing & publishing	Chemicals & selected chemical products	Plastics & synthetic materials	Drugs, cleaning & toilet preparations	Paints & allied products	Petroleum refining & related industries	Rubber & miscellaneous plastics products	Leather tanning & industrial leather products	Footwear & other leather products	Glass & glass products	Stone & clay products	Primary iron & steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing & structural metal products	Stampings, screw machine products & bolts	Other fabricated metal products	Engines & turbines	Farm machinery & equipment	Construction, mining & oil field machinery	Industry number
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42
0.0	0.0	0.0	0																										

Table 1.—Percent Distribution of Gross Output, 1958—Continued
(Producers' prices)

For the distribution of output of an industry read the row for that industry	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	
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*Less than .05 percent. Not applicable

† For this table, industry 80 is split into two rows. Row 80A shows the direct allocation to consuming industries of imported goods and services which are not substitutable for do-

mentally produced goods and services. It also shows the distribution to final demand categories of all imported goods and services which are consumed by final demand in substantially the same form in which they were imported. 48 percent of total imports have been

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958

(Producers' prices)

For industrial composition of input into an industry read the column for that industry	Livestock & live-stock products	Other agricultural products	Forestry & fishery products	Agricultural, forestry & fishery services	Iron & ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum & natural gas	Stone & clay mining & quarrying	Chemical & fertilizer mineral mining	New construction	Maintenance & repair construction	Ordnance & accessories	Food & kindred products	Tobacco manufactures	Broad & narrow fabrics, yarn & thread mills
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Livestock & Livestock Products	0.16093	0.07268	0.05163	0.13924	0	0	0	0	0	0	0	0	0	0.24959	0	0.00957
2. Other Agricultural Products	0.25033	0.03017	0.11284	0.35129	0	0	0	0	0	0	0.00452	0	0	0.07365	0.18322	0.10827
3. Forestry & Fishery Products	0	0	0.01102	0	0	0	0	0	0	0	0	0	0	0.00424	0	0
4. Agricultural, Forestry & Fishery Services	0.01868	0.03744	0.01203	0.00105	0	0	0	0	0	0	0	0	0	0	0	0
5. Iron & Ferroalloy Ores Mining	0	0	0	0	0.05144	0.00966	0	0	0.00025	0.00063	0	0	0	0	0	0
6. Nonferrous Metal Ores Mining	0	0	0	0	0.03217	0.17547	0	0	0.00059	0.00053	0	0	0	0	0	0
7. Coal Mining	0.00023	0.00002	0	0	0.00375	0.00096	0.17116	0.00002	0.00162	0.00083	(*)	0	0	0.00062	0.00023	0.00144
8. Crude Petroleum & Natural Gas	0	0	0	0	0	0	0.02225	0	0.00213	0	0	0	0	0	0	0
9. Stone & Clay Mining & Quarrying	0.00003	0.00284	0	(*)	0	0.00006	0.00051	0	0.00727	0.01642	0.01193	0.00777	0	0.00006	0	0
10. Chemical & Fertilizer Mineral Mining	0	0.00121	0.00005	0	0	0.00092	0.00002	0	0.00041	0.05875	0	0	0	0.00013	0	0.00007
11. New Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Maintenance & Repair Construction	0.00888	0.01607	0.0023	0.00127	0.00053	0.00092	0.00088	0.00039	0.00122	0.00059	0.00013	0.00006	0.00162	0.00358	0.00005	0.00064
13. Ordnance & Accessories	0	0	0	0	0	0	0	0	0	0	0.0010	0	0.01779	0	0	0
14. Food & Kindred Products	0.11187	0.00012	0.01706	0.00482	0	0	0	0	0	0.0010	0.00032	0	0	0.16716	0.00595	0.00216
15. Tobacco Manufactures	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00001	0.19102	0
16. Broad & Narrow Fabrics, Yarn & Thread Mills	0	0.0030	0	0	0.00012	0.00138	0.00067	0	0	0.00033	0	0	0	0.00012	0.00019	0.34664
17. Miscellaneous Textile Goods & Floor Coverings	0.00022	0.00113	0.00801	0.00761	0	0	0	0.00020	0.00003	0	0.00007	0.00006	0.00010	0.00001	0.00001	0.02289
18. Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0.00058	0.00060	0	0.00152
19. Miscellaneous Fabricated Textile Products	0.00031	0.00149	0	0	0	0	0	0	0	0	0.00001	0.00004	0	0.00153	0	0.00313
20. Lumber & Wood Products, Except Containers	0.00007	0.00007	0	0	0.00482	0.00101	0.00683	0.00053	0.00002	0.00041	0.06258	0.02476	0.00024	0.00006	0.00022	0.00012
21. Wooden Containers	0	0.00427	0	0.00005	0	0	0	0	0	0	0	0	0.00096	0.00151	0.00156	0
22. Household Furniture	0	0	0	0	0	0	0	0	0	0	0.00566	0	0.00002	0	0	0.00002
23. Other Furniture & Fixtures	0	0	0	0	0	0	0	0	0	0	0.00390	0.00098	0	0	0	(*)
24. Paper & Allied Products, Except Containers	0	0	0.00564	0.00126	0.00002	0.00039	0.00230	0.00042	0.00836	0.00528	0.00617	0.00404	0.00148	0.00571	0.01172	0.00153
25. Paperboard Containers & Boxes	0.00053	0.00011	0.00649	0.00393	0	0	0.00054	0.00005	0.00186	0.00089	0	0	0.00341	0.01353	0.01182	0.00780
26. Printing & Publishing	0.00019	0.00031	0.00006	0.00002	0.00004	0.00031	0.00027	0.00008	0.00031	0.00005	0.00015	0.00007	0.00202	0.00189	0.00217	0.00076
27. Chemicals & Selected Chemical Products	0.00130	0.04878	0.00012	0.00020	0.01052	0.03161	0.01593	0.00449	0.01080	0.00373	0.00700	0.00419	0.00225	0.00338	0.00087	0.01528
28. Plastics & Synthetic Materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00022	0.01773	0.08465
29. Drugs, Cleaning, & Toilet Preparations	0.00109	0	0	0.00003	(*)	0.00008	0	0.00007	0.00012	0.00018	0	0	0	0.00060	0.00326	0.00127
30. Paints & Allied Products	0	0	0.00128	0	0.00001	0.00015	0.00032	0.00046	0	0	0.00375	0.05211	0.00049	0.00009	0.00002	0.00034
31. Petroleum Refining & Related Industries	0.00182	0.03829	0.01302	0.00169	0.00832	0.00623	0.01100	0.00478	0.02795	0.00957	0.01882	0.02222	0.00218	0.00436	0.00045	0.00239
32. Rubber & Miscellaneous Plastics Products	0.00080	0.00664	0.00591	0.00117	0.00051	0.00287	0.00826	0.00287	0.01808	0.00479	0.00594	0.00391	0.02422	0.00222	0.00165	0.00395
33. Leather Tanning & Industrial Leather Products	0	0	0	0	0	0	0	0	0	0	0	0	0	(*)	0.00004	0.00016
34. Footwear & Other Leather Products	0.00003	0.00016	0.00001	(*)	(*)	(*)	(*)	(*)	(*)	0.00001	0.00001	(*)	0.00004	(*)	(*)	0.00003
35. Glass & Glass Products	0.00013	0	0	0	0	0	0	0.00004	0	0	0.00163	0.00483	0.00091	0.00929	0	0.00215
36. Stone & Clay Products	0.00004	0.00107	0	0	0.00065	0.00465	0.00228	0.00036	0.06233	0.00051	0.07793	0.03247	0.00272	0.00004	0.00001	0.00018
37. Primary Iron & Steel Manufacturing	0	0	0	0	0.01496	0.03873	0.00826	0.00027	0.01375	0.01845	0.04246	0.01622	0.01321	0.00002	0	0.00036
38. Primary Nonferrous Metals Manufacturing	0.00004	0.00003	0	0	0.00148	0.00486	0.00602	0.00666	0.00109	0.00322	0.01658	0.01668	0.04822	0.00055	0.00115	0.00023
39. Metal Containers	0.00020	0.00063	0	0	0	0	0	0	0	0	0	0	0	0.02341	0.00130	0
40. Heating, Plumbing & Structural Metal Products	0	0	0	0	0.00004	0.00035	0.00038	0.00057	0.00001	0.00018	0.09906	0.05223	0.00193	0	0	0.00005
41. Stampings, Screw Machine Products & Bolts	0.00083	0	0	0	0.00023	0.00045	0.00571	0.00052	0.00014	0.00076	0.00168	0.00124	0.00662	0.00268	0.00006	0.00011
42. Other Fabricated Metal Products	0.00110	0.00164	0.00048	0.00577	0.00070	0.00103	0.00510	0.00463	0.00058	0.00086	0.01658	0.00309	0.01029	0.00131	0.00150	0.00082
43. Engines & Turbines	0	0	0.00009	0	0.00031	0.00040	0	0.00137	(*)	0.00030	0.00004	0.00002	0.00103	0	0	0
44. Farm Machinery & Equipment	0.00019	0.00834	0	0	0	0	0	0	0.00001	0	0.00005	0	0.00107	0	0	0
45. Construction, Mining & Oil Field Machinery	0	0	0	0	0.01929	0.02190	0.03625	0.00364	0.04664	0.02620	0.00325	0.00126	0.00043	0	0	0
46. Materials Handling Machinery & Equipment	0	0	0	0	0.00002	0.00011	0.00399	0	0.01402	0.00531	0.00477	0.00049	0.00001	0	0	0
47. Metalworking Machinery & Equipment	0	0	0	0	0.00006	0.00054	0.00355	(*)	0.00007	0.00002	0.00002	0.00001	0.01117	0.00021	0.00006	0.00020
48. Special Industry Machinery & Equipment	0	0	0	0	(*)	(*)	0.00083	0	0	0	0	0	0.00115	(*)	0	0.00584
49. General Industrial Machinery & Equipment	0	0	0	0	0.00018	0.00179	0.00175	0.00740	0.00321	0.00143	0.00521	0.00111	0.00634	0.00003	0.00003	0.00011
50. Machine Shop Products	0.00007	0.00012	0	0	0.00006	0.00007	0.00020	0.00007	0.00031	0.00018	0.00005	0.00002	0.07969	0.00001	0.00002	0.00002
51. Office, Computing & Accounting Machines	0	0	0	0	0	0	0	0	0	0	0	0	0.00086	0	0	0
52. Service Industry Machines	0	0	0	0	0	0	0	0	0	0	0.00374	0.00129	0.00394	(*)	0	0
53. Electric Industrial Equipment & Apparatus	0	0	0	0	0.00062	0.00364	0.00207	0.00305	0.00183	0.00500	0.00809	0.00467	0.02192	0.00012	0.00001	0.00005
54. Household Appliances	0	0	0	0	0	0	0	0	0	0	0.00392	0.00354	0.00021	0	0	0
55. Electric Lighting & Wiring Equipment	0.00003	0.00004	0.00007	0	0.00030	0.00038	0.00151	0.00006	0.00008	0.00005	0.01517	0.00729	0.01176	0.00034	0.00010	0.00025
56. Radio, Television & Communication Equipment	0	0	0	0	0.00101	0	0	0	0	0	0.00070	0.00128	0.03435	0	0	0
57. Electronic Components & Accessories	0	0	0	0	0	0	0	0.00105	0	0	0.00004	0.00001	0.00071	0	0	0
58. Misc. Electrical Machinery, Equipment & Supplies	0.00028	0.00090	0	0	0.00019	0.00013	0.00010	0.00010	0.00017	0.00010	0.00028	0.00029	0.00029	0.00006	0.00001	0.00001
59. Motor Vehicles & Equipment	0.00090	0.00146	0	0	0.00044	0.00075	0.00206	0.00083	0.00372	0.00223	0.00002	0.00001	0.00428	0	0	0
60. Aircraft & Parts	0	0	0	0	0	0	0	0	0	0	0	0	0.20606	0	0	0
61. Other Transportation Equipment	0	0.00013	0.01408	0	0.00197	0	0.00418	0	0.00017	0.00036	0.00005	0	0.00353	0	0	0
62. Scientific & Controlling Instruments	0	0	0	0	0.00016	0.00032	0.00005	0.00005	0.00020	0.00018	0.00365	0.00094	0.02252	(*)	0	0.00002
63. Optical, Ophthalmic & Photographic Equipment	0	0	0	0	0.00005	0.00006	0.00002	(*)	0.00006	0.00006	(*)	0	0.00070	0	0	0.00002
64. Miscellaneous Manufacturing	0.00004	0.00002	0.00158	0.00032	0.00001	0.00001	0.00143	0.00004	0.00037	0.00021	0.00160	0.00287	0.00256	0.00047	0.00110	0.00153
65. Transportation & Warehousing	0.01977	0.01246	0.01606	0.00699	0.00959	0.03528										

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958—Continued

(Producers' prices)

Misc. textile goods & floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber & wood products, except containers	Wooden containers	Household furniture	Other furniture & fixtures	Paper & allied products, except containers	Paperboard containers & boxes	Printing & publishing	Chemicals & selected chemical products	Plastics & synthetic materials	Drugs, cleaning, & toilet preparations	Paints & allied products	Petroleum refining & related industries	Rubber & miscellaneous plastics products	Leather tanning & industrial leather products	Footwear & other leather products	Glass & glass products	Stone & clay products	Primary iron & steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Industry number	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39		
0.02161	0	0	0	0	0	0	0	0	0	0	0	0.00073	0	0	0	0	0	0	0	0	0	0	1	
0.00596	0.00059	0	0.02404	0	0	0	0	0	0	0.00111	0	0.00037	0	0	0	0	0	0	0.00052	0	0	0	2	
0	0.00982	0.00038	0.09323	0	0	0	0	0	0	0.00122	0	0	0	0	0	0.00106	0	0	0	0	0	0	3	
0	0	0	0.00094	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
0	0	0	0	0	0	0	0	0	0	0.00460	0	0	0	0.00015	0	0	0	0	0.00118	0.05405	0.00214	0	5	
0	0	0	0.00003	0	0	0	0	0	0	0.00466	0	0.00007	0.00009	0	0	0	0	0.00004	0.00053	0.00036	0.07906	0	6	
0.00060	0.00005	0	0.00019	0	0.00065	0	0.00699	0.00029	0	0.00501	0.00537	0.00058	0.00029	0.00053	0.00145	0.00240	0	0.00130	0.00825	0.02615	0.00121	0.00018	7	
0	0	0	0	0	0	0	0	0	0	0.00195	0	0	0	0.00159	0.00012	0.00055	0.00046	0.00333	0.00087	0	0	0	8	
0.00002	0	0	0.00002	0	0	0	0.00337	0	0	0.00159	0.00012	0.00055	0.00046	0.00333	0.00087	0	0	0.00112	0.06507	0.00282	0.00044	0	9	
0.00001	0.00002	0	0.00001	0	0	0	0.00149	0	0	0.02898	0.00012	0.00001	0	0.00006	0.00110	0.00093	0	0.00029	0.00299	0.00039	0.00018	0	10	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
0.00016	0.00056	0.00015	0.00183	0.00009	0.00057	0.00030	0.00396	0.00357	0.00350	0.00049	0.00620	0.00026	0.00038	0.00141	0.00095	0.00009	0.00013	0.00044	0.00046	0.00659	0.00036	0.00025	12	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00006	0.00015	0	13	
0.00126	0	0	0	0	0.00846	0.00007	0.00620	0.00006	0.00043	0	0.01020	0.00409	0.02927	0.03143	0.00061	0.00020	0.00227	0	0.00082	0.00035	0.00006	0	14	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
0.16500	0.27357	0.44065	0	0	0.05685	0.00192	0.00557	0	0.00006	0.00008	0.00094	0.00010	0.00021	0	0.02109	0.00006	0.02569	0	0.00180	0	0.01500	0	16	
0.08356	0.00555	0.07272	0.00019	0	0.01320	0.01716	0.00155	0	0.00141	0.00017	0.00018	0	0	0	0.06671	0.00006	0.01330	0.00005	0.00021	0.00005	0.00051	0	17	
0.00280	0.17243	0.00870	0.00126	0.00002	0.00034	0.00102	0.00666	0.00089	0	0.00043	0.00046	0.00035	0.00040	0.00016	0.00263	0.00001	0.00560	0.00019	0	0.00077	0.00051	0	18	
0.00483	0.01254	0.06310	0.00018	0	0.00128	0.00099	0.00228	0.00009	0	0.00241	0	0.00050	0	0.00008	0.00044	0.00153	0.00001	0.00044	0.00001	0.00044	0.00011	0.00020	19	
0.00001	0	0.00001	0.28357	0.37072	0.12421	0.05947	0.06285	0.00082	0.00004	0.00254	0.00023	0.00104	0.00080	0.00013	0.00162	0	0.00870	0.01511	0.00174	0.00102	0.00102	0.00041	20	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	
0.00252	0	0	0.00243	0.00346	0.00013	0.00005	0.00051	0.00055	0	0.00025	0.00021	0	0	0.00001	0	0.00001	0	0.00032	0.00227	0	0.00146	0.00017	0.00048	22
0	0	0	0.00297	0.00219	0.00599	0.01488	0.02824	0.00002	0	0	0.00001	0	0	0	0.00007	0	0.00032	0.00227	0	0.00008	0	0.00002	23	
0.01039	0.00098	0.00263	0.00036	0.00111	0.00748	0.01983	0.00014	0	0.00040	0	0	0	0	0.00015	0	0.00001	0	0	0	0	0	0	24	
0.00601	0.00619	0.00960	0.00425	0.00222	0.01849	0.01859	0.02643	0.03871	0.00502	0.00585	0.00550	0.03027	0.01080	0.00181	0.00728	0.00145	0.01234	0.07561	0.00957	0.00079	0.00070	0.01336	25	
0.00046	0.00095	0.00124	0.00376	0.00212	0.00036	0.00101	0.00960	0.00685	0.00355	0.00249	0.00099	0.00408	0.00238	0.00004	0.00311	0.00188	0.00543	0.00149	0.00203	0.00147	0.00089	0.00301	26	
0.00288	0.00296	0.00012	0.00710	0.00002	0.00016	0.00185	0.00236	0.01430	0.00000	0.19418	0.34087	0.12509	0.22945	0.02906	0.04681	0.06825	0.00032	0.03789	0.00000	0.00954	0.00969	0.00002	27	
0.15957	0.01022	0	0.00663	0	0.00034	0.00111	0.00880	0.00314	0	0.01981	0.02682	0.00237	0.12234	0.00833	0.14261	0	0.00066	0	0.01097	0.00024	0.01121	0.00097	28	
0.00042	0.00009	0.00073	0.00108	0.00055	0.00003	0.00004	0.00200	0.00160	0.00049	0.01248	0.01062	0.06226	0.01086	0.00275	0.00092	0.02481	0.00033	0.00149	0.00604	0.00184	0.00097	0.00235	29	
0.00047	0.00002	0.00018	0.00447	0.00089	0.02034	0.01640	0.00025	0	0	0.00352	0.00620	0.00206	0.00157	0.00033	0.00018	0.00002	0.00001	0.00004	0.00114	0.00078	0.00073	0.01672	30	
0.00169	0.00040	0.00094	0.00899	0.00611	0.00212	0.00201	0.01147	0.00681	0.00089	0.05439	0.01300	0.00952	0.00900	0.06960	0.00241	0.00391	0.00031	0.00308	0.01124	0.00759	0.00414	0.00271	31	
0.01399	0.00164	0.02943	0.00631	0.00122	0.00445	0.00910	0.01361	0.00859	0.00120	0.00691	0.01762	0.00950	0.00298	0.00038	0.03090	0.00911	0.05888	0.00350	0.01021	0.00318	0.00164	0.01458	32	
0.00012	0.00263	0.00001	0	0	0.00116	0.00135	0	0	0.00001	0	0	0	0	0.00001	0.00073	0.13837	0.20792	0	0.00009	0	0	0.00037	33	
0.00036	0.00078	0.00263	0.00006	0.00001	0.00031	0.00001	0.00010	0.00014	0.00004	0.00001	0	0.00002	0.00001	0	0.00112	0.00207	0.08361	0.00001	0.00004	0	0	0	34	
0.00074	0	0.00001	0.00117	0	0.01409	0.03723	0.00004	0.00188	0	0.00148	0.00027	0.01995	0	0.00013	0.00639	0.00004	0.00008	0.04826	0.00078	0.00006	0.00003	0.00002	35	
0.00079	0.00001	0	0.00384	0.00151	0.00258	0.00172	0.00468	0.00006	0.00001	0.00307	0.00040	0.00181	0.00983	0.0192	0.00353	0.00918	0.00231	0.02830	0.12003	0.01540	0.04669	0.00197	36	
0.00031	0.00007	0.00035	0.00004	0.03985	0.02404	0.09310	0.00100	0.00553	0	0.00564	0	0.00102	0.00562	0.00002	0.00207	0	0	0	0.00277	0.22710	0.01183	0.43903	37	
0.00022	0	0.00003	0.00115	0	0.00851	0.01325	0.00134	0.00014	0.00120	0.01453	0.00035	0.00015	0.00032	0.00010	0.00189	0.00020	0.00040	0.00217	0.00193	0.01646	0.30357	0.00957	38	
0	0	0	0.00001	0.00005	0.00001	0.00000	0.00000	0.00390	0	0.00693	0.00119	0.01621	0.04665	0.00676	0	0	0	0	0	0	0	0.00664	39	
0	0	0.00001	0.00036	0.00051	0.00318	0.01271	0.00004	0	0	0.00017	0.00023	0.00004	0.00053	0.00014	0.00044	0	0.00012	0.00041	0.00066	0.00248	0.00030	0.00477	40	
0.00011	0	0.00028	0.00245	0.00210	0.00519	0.00727	0.0147	0.00100	0.00025	0.00082	0.00076	0.00322	0.00045	0.00012	0.00328	0.00077	0.00055	0.00455	0.00148	0.00648	0.00929	0.01331	41	
0.00107	0.00121	0.00197	0.00786	0.00645	0.00651	0.03646	0.01025	0.00239	0.00168	0.00357	0.00134	0.00873	0.00138	0.01047	0.01120	0.00153	0.00765	0.00393	0.01187	0.00731	0.01064	0.00397	42	
0.00036	0	0	0.00003	0	0	0	0	0	0.00002	0	0	0	0	0.00013	0	0	0.00007	0.00021	0	0.00004	0.00039	0.00005	44	
0	0	0	0	0	0	0	0.00033	0	0	0.00003	0	0	0	0	0.00001	0	0	0.00007	0.00007	0.00007	0.00001	0.00001	45	
0	0	0	0.00045	0	0.00061	0.00004	0	0	0	0.00048	0	0	0	0	0.00002	0	0.00002	0.00002	0.00002	0.00002	0.00012	0.00010	46	
0.00019	0.00001	0.00018	0.00015	0.00032	0.00099	0.00264	0.00077	0.00059	0.00011	0.00068	0.00130	0.00012	0.00010	0.00014	0.00061	0.00067	0.00009	0.00147	0.00122	0.00663	0.00714	0.01266	47	
0.00063	0	0	0.00154	0.00095	0.00287	0.00039	0.00270	0.00367	0.00276	0.00955	0.00130	0.00137	0.00002	0	0.00080	0	0.00001	0	0.00081	0.00126	0.00020	0	48	
0.00010	0.00001	0.00048	0.00122	0.00030	0.00030	0.00067	0.00054	0.00049	0.00009	0.00033	0.00053	0.00005	0.00017	0.00007	0.00087	0.00025	0.00011	0.00137	0.00034	0.00309	0.00316	0.00680	49	
0.00003	0	0.00007	0.00001	0.00032	0.00011	0.00018	0.00034	0.00026	0.00005	0.00035	0.00027	0.00002	0.00009	0.00002	0.00263	0.00014	0.00009	0.00066	0.00046	0.00744	0.00333	0.00475	50	
0	0	0.00001	0	0																				

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958—Continued

(Producers' prices)

For industrial composition of input into an industry read the column for that industry	Direct Requirements Per Dollar of Gross Output, 1958—Continued																					
	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*Less than .00005.

To prevent requirements for scrap and by-products from generating production, scrap and by-products have been treated as inputs to the producing industry rather than to the consuming industry. As a result of this treatment, the sum of the coefficient is increased in the

by-products have been treated as inputs to the producing industry rather than to the consuming industry. As a result of this treatment, the sum of the coefficient is increased in the

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958—Continued

(Producer's prices)

Scientific & controlling instruments	Optical, ophthalmic & photographic equipment	Miscellaneous manufacturing	Transportation & warehousing	Communications; except radio & T. V. broadcasting	Radio & T. V. broadcasting	Electric, gas, water & sanitary services	Wholesale & retail trade	Finance & insurance	Real estate & rental	Hotels; personal & repair services exc. auto.	Business services	Research & development	Automobile repair & services	Amusements	Medical, educational services & nonprofit org.	Federal government enterprises	State & local government enterprises	Gross imports of goods & services	Business travel, entertainment & gifts	Office supplies	Industry number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
0	0	0	0.0005	0	0	0	0	0	0.0141	0	0	0	0	0.00193	0.00020	0.00042	0	0	0.00414	0	1
0.00120	0	0.00132	0.00101	0	0	0	0	0	0.02188	0	0	0	0	0	0.00023	0.15143	0	0	0.00997	0	2
0	0	0.00052	0.00004	0	0	0	0	0	0.00002	0	0	0	0	0	0	0	0	0	0.00232	0	3
0	0	0	0	0	0	0	0	0.00161	0	0	0	0	0	0.00055	0	0	0.00012	0	0	0	4
0	0	0	0	0	0	0	0	0	0.00008	0	0	0	0	0	0	0.00043	0	0	0	0	5
0.00041	0	0	0	0	0	0.00014	(*)	0	0.00008	0	0	0	0	0	0	0	0	0	0	0	6
0	0.00152	0.00014	0.00078	0	0	0.02689	0.00004	0.00023	0.00017	0	0.00123	0	0.00133	0	0.00001	0.01140	0.01657	0	0	0	7
0	0	0	0	0	0	0.05747	(*)	0	0.00195	0	0	0.00009	0	0	0	0	0.00417	0	0	0	8
0	0.00003	0.00007	0.00004	0	0	0.00001	0.00004	0	0.00013	0	0	0	0	0	0	0.00010	0	0	0	0	9
0	0	0	0.00003	0	0	(*)	(*)	0	0.00002	0	0	0	0	0	0	0	0	0	0	0	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0.00015	0.00032	0.00280	0.03660	0.03153	0.00517	0.02715	0.00814	0.00452	0.09529	0.00288	0.00090	0	0.01368	0.02242	0.02997	0.00345	0.24917	0	0	0	12
0.02839	0.0124	0.00009	0	0	0	0.00001	0.00009	0	0.00006	0	0	0.19828	0	0	0	0	(*)	0	0.00069	0	13
0.00320	0	0.00141	0.00293	0	0	0.00002	0.00556	0	0.01011	0.00108	0	0.00075	0	0	0.00747	0.06319	0.00011	0	0.29692	0	14
0	0	0.00011	0	0	0	0.00001	0.00003	0	0.00003	0	0	0	0	0	0.00001	0	0	0	0.02149	0	15
0.00764	0.00051	0.01767	0.00020	0.00037	0.00009	0.00010	0.00026	0.01028	0.01028	0.01028	0.00019	0.00019	0	0	0.00011	0	0	0	0	0	16
0.00174	0.00030	0.00622	0.00046	0.00038	0.00113	(*)	0.00025	0.00080	0.00191	0.00057	0.00057	0.00057	0.00205	0.00057	0.00100	0	0.00045	0	0	0	17
0.00269	0.00082	0.00155	0.00013	0	0	0.00055	0.00001	0.00042	0.00794	0.00018	0.00027	0.00014	0	0.00168	0	0.00035	0	0.00098	0	0	18
0.00035	0	0.00123	0.00044	0.00055	0.00166	0.00041	0.00118	0.00005	0.01066	0.00089	0.00048	0.02321	0.00097	0.00151	0.00049	0	0	0	0	0	19
0.00075	0.00007	0.01785	0.00027	0.00002	0	0.00013	0.00061	0	0.00038	0.00041	0	0	0	0	0.00014	0	0.00001	0	0.00025	0	20
0.00029	0	0.00034	0.00051	0	0	0	0.00096	0	0.00003	0	0	0	0	0	0	0	0	0	0	0	21
0.00061	0	0.00027	0	0	0	(*)	0.00013	0	0.00005	0.00091	0	0	0	0	0	0	0	0	0	0	22
0.00360	(*)	0.00090	0	0	0	0.00014	0.00002	0.00028	0.00002	0.00028	0	0	0	0	0	0	0	0	0	0	23
0.00484	0.03145	0.02117	0.00098	0	0.00535	0.00080	0.00482	0.00384	0.00017	0.01196	0.00269	0.00127	0.00041	0.00060	0.00373	0.00660	0.00040	0	0.00047	0.24155	24
0.00767	0.00649	0.03678	0.00025	0	0.00128	0.00002	0.00370	0.00092	0.00015	0.00055	0.00033	0.00030	0.00012	0.00014	0.00089	0.00158	0	0	0	0	25
0.00054	0.00025	0.00507	0.00221	0.01186	0.00630	0.00025	0.00247	0.01487	0.00092	0.00053	0.00009	0.00009	0.00129	0.00353	0.01420	0.00920	0.00251	0	0.00094	0.57734	26
0.00295	0.05869	0.00803	0.01004	0.00003	0	0.00048	0.01006	0	0.00121	0.00806	0.00056	0.01573	0.00001	0	0.00020	0	0.00497	0	0	0.00702	27
0.00236	0.00067	0.02180	(*)	0	0	0.00010	0.00004	0	0.00017	0	0	0.00150	0	0	0	0	0.00001	0	0	0	28
0.00194	0.00007	0.00268	0.00034	0.00010	0.00003	0.00003	0.00126	0.00042	0.00043	0.01454	0.00114	0.00433	0.00118	0.00017	0.02591	0	0.00060	0	0.00477	0	29
0.00051	0.00019	0.00709	0.01110	0	0	(*)	0.00024	0	0.00017	0.00001	0	0	0.00773	0	0	0	0.00002	0	0	0	30
0.00129	0.00255	0.00302	0.04450	0.00175	0.00130	0.01206	0.00764	0.00353	0.00586	0.01181	0.00444	0.00358	0.00344	0.00066	0.00309	0.00150	0.00844	0	0	0	31
0.01147	0.00707	0.03408	0.00754	0.00067	0.00055	0.00042	0.00249	0.00201	0.00071	0.00566	0.00268	0.00546	0.03436	0.00031	0.00283	0.00026	0.00114	0	0.00026	0.00666	32
0.00072	0.00007	0.00003	0.00010	0	0	(*)	0.00002	0	0.00001	0	0	0	0	0	0	0	0	0	0	0	33
0.00087	0.00047	0.00588	0.00001	0.00003	0.00003	0.00001	0.00019	0.00004	0.00007	0.00056	0.00002	0	0.00001	0.00174	0.00011	0.00018	0	0.00384	0	0	34
0.00311	0.01066	0.00493	0.00016	0	0	0	0.00111	0	0.00009	0.00026	0	0.00019	0.01226	0	0.00028	0	0	0.00033	0.00045	0	35
0.00341	0.01817	0.00223	0.00011	0	0	0.00118	0.00126	0.00032	0.00425	0.00001	0	0	0.00496	0	(*)	0.00287	0.00013	0	0.00029	0	36
0.01867	0.0570	0.02629	0.00111	0	0	0.00111	0.00008	0	0.00033	0	0	0.00094	0	0	0	0	0.00047	0	0	0.00176	37
0.03871	0.02622	0.04459	0.00143	0.00246	0	0.00042	0.00016	0	0.00018	0.00052	0.00064	0.00243	0	0	0	0	0	0	0	0	38
0.00234	0	0	0	0	0	0	0.00008	0	0.00004	0	0	0.00019	0	0	0	0	0	0	0	0	39
0.00124	0	0.00036	0.00002	0	0	0	0.00102	0	0.00015	0	0	0.00281	0	0	0	0	0	0	0	0	40
0.01735	0.00584	0.01295	0.00045	0	0	0	0.00046	0	0.00008	0	0	0.00056	0	0	0.00089	0	0	0	0	0	41
0.01592	0.00971	0.01665	0.00120	0.00031	0	0.00779	0.00066	0	0.00011	0.00229	0.00003	0.00337	0.01435	0	0.00002	0.00072	0.00449	0	0.00054	0.00307	42
0.00001	0	0.00001	0.00238	0	0	0.00009	0.00012	0	0.00007	0.00419	0.00009	0	0	0	0	0	0	0	0	0	43
0.00033	0	0.00031	0	0	0	0.00001	0.00019	0	0.00010	0.00555	0.00225	0	0	0	0	0	0	0	0	0	44
0.00061	0.00025	0.00001	0	0	0	0	0.00029	0	0.00012	0	0.00073	0.00071	0	0	0	0	0	0	0	0	45
(*)	0	0.00001	0.00041	0	0	0	0.00014	0	0.00007	0	0	0.00056	0	0	0	0	0	0	0	0	46
0.01180	0.00420	0.00075	0.00069	0.00001	0	0.00011	0.00015	0	0.00055	0	0.00075	0.01928	0.00012	0	0	0	0	0	0	0	47
0.00169	0.00124	0.00036	0	0	0	0	0.00029	0	0.00018	0.00005	0	0.00067	0	0	0	0	0	0	0	0	48
0.00565	0	0.00096	0.00042	0	0	0	0.00031	0	0.00014	0	0	0.00056	0	0	0	0	0	0	0	0	49
0.00722	0.00062	0.00216	0.00020	0	0	0	0.00023	0	0.00014	0	0.00002	0.00041	0.01326	0	0.00001	0.00018	0.00022	0	0	0	50
0.01271	0.00049	0.00252	0.00007	0	0	0.00039	0.00046	0.00018	0.00013	0	0.01965	0.00225	0	0	0.00013	0	0	0	0.00475	0	51
0.00159	0	0.00028	0.00006	0	0	0	0.00037	0	0.00021	0.00328	0.00352	0.00197	0	0	0	0	0	0	0	0	52
0.03316	0.01270	0.00555	0.00090	0.00004	0	0.00049	0.00025	0	0.00011	0.00054	(*)	0.00165	0.00077	0	0	0	0	0	0	0	53
0.00083	0	0.00198	0	0	0	0	0.00025	0	0.00017	0.00069	0	0.02809	0	0	0	0	0	0.00374	0	0	54
0.00323	0.00372	0.00287	0.00021	0	0	0.00012	0.00019	0	0.00005	0.00061	(*)	0.01348	0.00419	0	(*)	0.00005	0.00006	0	0	0	55
0.01041	0.00432	0.00243	0.00052	0.01244	0.02265	0.00019	0.00067	0	0.00018	0.00082	0	0.06980	0	0	0.00048	0	0	0	0.00553	0	56
0.02812	0.00013	0.00192	0.00073	0.00057	0	0	0.00010	0	0.00022	0.01913	0	0.02641	0	0	0	0	0	0	0	0	57
0.00089	0.00341	0.00018	0.00214	0.00048	0	0.00002	0.00052	0.00007	0.00005	0.00030	0.00019	0.00431	0.01489	0	0.00051	0.00012	0.00020	0	0	0	58
0.01412	0	0.00108	0.00258	0	0	0.00004	0.00218	0	0.00030	0	0.00021	0.03446	0.14297	0	0.00008	0.00228	0.00257	0	0	0	59
0.01561	0.00006	0.00074	0.00479	0	0	(*)	0.00071	0	0.00021	0											

Table 3.—Total Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1958

(Producers' prices)

Each entry represents the output required, directly and indirectly, from the industry named at the beginning of the row for each dollar of delivery to final demand by the industry named at the head of the column

	Livestock & livestock products		Other agricultural products		Forestry & fishery products		Agricultural, forestry & fishery services		Iron & ferroalloy ores mining		Nonferrous metal ores mining		Coal mining		Crude petroleum & natural gas		Stone & clay mining & quarrying		Chemical & fertilizer mineral mining		New construction		Maintenance & repair construction		Ordnance & accessories		Food & kindred products		Tobacco manufactures		Broad & narrow fabrics, yarn & thread mills		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1. Livestock & Livestock Products.....	1.28309	0.10846	0.09107	0.21979	0.00333	0.00316	0.00284	0.00462	0.00293	0.00322	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543	0.00341	0.00543		
2. Other Agricultural Products.....	0.36083	1.07990	1.5396	0.43224	0.04333	0.03999	0.0381	0.0580	0.00348	0.00346	0.1292	0.00436	0.00526	0.00274	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	
3. Forestry & Fishery Products.....	0.00116	0.00071	0.11169	0.00052	0.01456	0.01192	0.01243	0.01370	0.02948	0.02277	0.01802	0.00898	0.01850	0.00792	0.01457	0.00995	0.01707	0.00175	0.00409	0.00091	0.01719	0.00670	0.0129	0.0143	0.0044	0.01274	0.01835	0.01916	0.01115	0.00135	0.00157	0.00122	0.00146
4. Agricultural, Forestry & Fishery Services.....	0.03768	0.04265	0.1974	0.02145	0.0031	0.0031	0.0033	0.0036	0.0029	0.0028	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	0.00101	0.0048	
5. Iron & Ferroalloy Ores Mining.....	0.00069	0.00069	0.00052	0.00058	0.05666	0.01696	0.00226	0.0053	0.00277	0.00333	0.00676	0.00322	0.00425	0.00518	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	
6. Nonferrous Metal Ores Mining.....	0.00060	0.00097	0.00044	0.00056	0.4203	1.21532	0.00200	0.0056	0.0181	0.00221	0.00533	0.00395	0.01123	0.00084	0.00070	0.00137	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	
7. Coal Mining.....	0.01490	0.00200	0.01300	0.0128	0.0727	0.0616	1.20977	0.0116	0.0608	0.0546	0.00639	0.00328	0.00404	0.00350	0.00194	0.00657	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	
8. Crude Petroleum & Natural Gas.....	0.01770	0.03034	0.11453	0.01456	0.1192	0.1243	0.1370	0.2948	0.2277	0.1802	0.00898	0.01850	0.00792	0.01457	0.00995	0.01707	0.00175	0.00409	0.00091	0.01719	0.00670	0.0129	0.0143	0.0044	0.01274	0.01835	0.01916	0.01115	0.00135	0.00157	0.00122	0.00146	
9. Stone & Clay Mining & Quarries.....	0.01175	0.00409	0.00091	0.01719	0.00670	0.0129	0.0143	0.0044	0.01274	0.01835	0.01916	0.01115	0.00135	0.00157	0.00122	0.00146	0.00069	0.00069	0.00052	0.00058	0.05666	0.01696	0.00226	0.0053	0.00277	0.00333	0.00676	0.00322	0.00425	0.00518	0.00052	0.00114	
10. Chemical & Fertilizer Mineral Mining.....	0.0146	0.0371	0.0082	0.0159	0.0070	0.00295	0.0105	0.0034	0.0152	0.06399	0.0127	0.00676	0.00322	0.00425	0.00518	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	0.00114	0.00052	
11. New Construction.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12. Maintenance & Repair Construction.....	0.2857	0.3277	0.1264	0.1912	0.1603	0.1315	0.1099	0.1791	0.1126	0.1240	0.1198	0.10700	0.1090	0.12298	0.1125	0.1670	0.1090	0.12298	0.1125	0.1670	0.1090	0.12298	0.1125	0.1670	0.1090	0.12298	0.1125	0.1670	0.1090	0.12298	0.1125	0.1670	
13. Ordnance & Accessories.....	0.0013	0.0017	0.0012	0.0010	0.0015	0.0019	0.0017	0.0013	0.0018	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	
14. Food & Kindred Products.....	1.7882	0.1971	0.3862	0.3862	0.0462	0.0587	0.0532	0.0499	0.0576	0.0765	0.0964	0.0772	0.1390	0.2618	0.1717	0.1895	0.0018	0.0019	0.0016	0.0014	0.0021	0.0027	0.0026	0.0026	0.0028	0.0039	0.0042	0.0025	0.0085	0.0036	1.23632	0.0037	
15. Tobacco Manufactures.....	0.0018	0.0019	0.0016	0.0014	0.0021	0.0027	0.0026	0.0026	0.0028	0.0039	0.0042	0.0025	0.0085	0.0036	1.23632	0.0037	0.0018	0.0019	0.0016	0.0014	0.0021	0.0027	0.0026	0.0026	0.0028	0.0039	0.0042	0.0025	0.0085	0.0036	1.23632	0.0037	
16. Broad & Narrow Fabrics, Yarn & Thread Mills.....	0.0249	0.0363	0.0411	0.0498	0.1110	0.0377	0.0283	0.0091	0.0244	0.0192	0.00351	0.0178	0.0470	0.0421	0.0228	1.54817	0.0249	0.0363	0.0411	0.0498	0.1110	0.0377	0.0283	0.0091	0.0244	0.0192	0.00351	0.0178	0.0470	0.0421	0.0228	1.54817	
17. Miscellaneous Textile Goods & Floor Coverings.....	0.0198	0.0303	0.0104	0.0092	0.0051	0.0084	0.0132	0.0081	0.0208	0.0098	0.0200	0.0108	0.00338	0.0187	0.0130	0.0497	0.0198	0.0303	0.0104	0.0092	0.0051	0.0084	0.0132	0.0081	0.0208	0.0098	0.0200	0.0108	0.00338	0.0187	0.0130	0.0497	
18. Apparel.....	0.0041	0.0037	0.0033	0.0028	0.0028	0.0037	0.0040	0.0025	0.0043	0.0035	0.0091	0.0053	0.00207	0.0134	0.0029	0.0356	0.0041	0.0037	0.0033	0.0028	0.0028	0.0037	0.0040	0.0025	0.0043	0.0035	0.0091	0.0053	0.00207	0.0134	0.0029	0.0356	
19. Miscellaneous Fabricated Textile Products.....	0.0166	0.00228	0.0076	0.0116	0.0028	0.0041	0.0035	0.0025	0.0043	0.00342	0.0070	0.0045	0.00058	0.0032	0.0083	0.0643	0.0166	0.00228	0.0076	0.0116	0.0028	0.0041	0.0035	0.0025	0.0043	0.00342	0.0070	0.0045	0.00058	0.0032	0.0083	0.0643	
20. Lumber & Wood Products, Except Containers.....	0.0360	0.0537	0.0371	0.0318	0.0833	0.0376	0.1383	0.0237	0.0310	0.0396	0.0370	0.0396	0.0370	0.0396	0.0370	0.0396	0.0360	0.0537	0.0371	0.0318	0.0833	0.0376	0.1383	0.0237	0.0310	0.0396	0.0370	0.0396	0.0370	0.0396	0.0370	0.0396	0.0360
21. Wooden Containers.....	0.00205	0.00498	0.0086	0.0214	0.0018	0.0019	0.0012	0.0027	0.0018	0.0091	0.0049	0.0135	0.0030	0.0027	0.0116	0.00205	0.00498	0.0086	0.0214	0.0018	0.0019	0.0012	0.0027	0.0018	0.0091	0.0049	0.0135	0.0030	0.0027	0.0116	0.00205		
22. Household Furniture.....	0.0008	0.0011	0.0019	0.0009	0.0012	0.0008	0.0015	0.0007	0.0009	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	
23. Other Furniture & Fixtures.....	0.0008	0.0009	0.0012	0.0006	0.0005	0.0005	0.0009	0.0005	0.0007	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	
24. Paper & Allied Products, Except Containers.....	0.0087	0.0081	0.0257	0.0038	0.0381	0.0617	0.0904	0.0554	0.0948	0.1239	0.1430	0.1434	0.1498	0.2834	0.0946	0.2834	0.0087	0.0081	0.0257	0.0038	0.0381	0.0617	0.0904	0.0554	0.0948	0.1239	0.1430	0.1434	0.1498	0.2834	0.0946	0.2834	
25. Paperboard Containers & Boxes.....	0.0510	0.0256	0.0928	0.0623	0.0101	0.0161	0.0248	0.0191	0.0465	0.0273	0.0579	0.0418	0.0794	0.1288	0.1783	0.1733	0.0510	0.0256	0.0928	0.0623	0.0101	0.0161	0.0248	0.0191	0.0465	0.0273	0.0579	0.0418	0.0794	0.1288	0.1783	0.1733	
26. Printing & Publishing.....	0.1125	0.1651	0.2619	0.0920	0.0786	0.0774	0.0996	0.1285	0.0869	0.0745	0.2374	0.0772	0.1440	0.2052	0.2507	0.1543	0.1125	0.1651	0.2619	0.0920	0.0786	0.0774	0.0996	0.1285	0.0869	0.0745	0.2374	0.0772	0.1440	0.2052	0.2507	0.1543	
27. Chemicals & Selected Chemical Products.....	0.3017	0.7353	0.1665	0.3231	0.1974	0.5417	0.3058	0.0959	0.2440	0.4830	0.2647	0.3238	0.1760	0.2704	0.3206	1.1072	0.3017	0.7353	0.1665	0.3231	0.1974	0.5417	0.3058	0.0959	0.2440	0.4830	0.2647	0.3238	0.1760	0.2704	0.3206	1.1072	
28. Plastics & Synthetic Materials.....	0.0278	0.0461	0.0477	0.0411	0.0166	0.0334	0.0409	0.0164	0.0603	0.0337	0.0740	0.0176	0.0984	0.0384	0.2541	1.4700	0.0278	0.0461	0.0477	0.0411	0.0166	0.0334	0.0409	0.0164	0.0603	0.0337	0.0740	0.0176	0.0984	0.0384	0.2541	1.4700	
29. Drugs, Cleaning & Toilet Preparations.....	0.0328	0.0193	0.0112	0.0138	0.0082	0.0158	0.0111																										

Table 3.—Total Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1958—Continued

(Producers' prices)

Miscellaneous textile goods & floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber & wood products, except containers	Wooden containers	Household furniture	Other furniture & fixtures	Paper & allied products, except containers	Paperboard containers & boxes	Printing & publishing	Chemicals & selected chemical products	Plastics & synthetic materials	Drugs, cleaning, & toilet preparations	Paints & allied products	Petroleum refining & related industries	Rubber & miscellaneous plastics products	Leather tanning & industrial leather products	Footwear & other leather products	Glass & glass products	Stone & clay products	Primary iron & steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Industry number
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	32	34	35	36	37	38	39	
0.04274	0.01849	0.02628	0.01915	0.00989	0.01255	0.00628	0.00806	0.00572	0.00744	0.01075	0.00762	0.01832	0.01920	0.00445	0.00812	0.00426	0.00584	0.00395	0.00444	0.00318	0.00320	0.00345	1
0.05467	0.07038	0.09780	0.06047	0.02592	0.02521	0.00994	0.01146	0.00746	0.00883	0.01022	0.00778	0.01314	0.01330	0.00549	0.01250	0.00470	0.01171	0.00530	0.00556	0.00367	0.00392	0.00385	2
0.00900	0.01258	0.01446	0.13236	0.05126	0.01743	0.00925	0.01090	0.00523	0.00254	0.00263	0.00170	0.00133	0.00147	0.00044	0.00102	0.00181	0.00221	0.00320	0.00105	0.00069	0.00061	0.00069	3
0.0302	0.0328	0.0437	0.0568	0.00244	0.00172	0.00085	0.00094	0.00063	0.00062	0.00073	0.00056	0.00096	0.00102	0.00037	0.00075	0.00036	0.00069	0.00045	0.00041	0.00033	0.00034	0.00036	4
0.0106	0.0066	0.0096	0.00856	0.00385	0.00378	0.00905	0.00105	0.00093	0.00063	0.00793	0.00319	0.00225	0.00452	0.00130	0.00164	0.00092	0.00069	0.00094	0.00276	0.00756	0.00767	0.03432	5
0.0134	0.0087	0.0116	0.0107	0.00108	0.00299	0.00421	0.00135	0.00094	0.00097	0.01069	0.0420	0.00222	0.00368	0.00101	0.00206	0.00116	0.00085	0.00136	0.00219	0.00775	0.13950	0.00553	6
0.00534	0.00323	0.0460	0.00245	0.00383	0.00502	0.00689	0.01351	0.00735	0.00392	0.01140	0.01249	0.00468	0.00691	0.00318	0.00616	0.00551	0.00291	0.00559	0.01516	0.04470	0.00652	0.02151	7
0.01326	0.00895	0.01235	0.01618	0.01372	0.00990	0.00890	0.01774	0.01500	0.00816	0.04998	0.02951	0.01757	0.02449	0.00439	0.00220	0.00139	0.00652	0.01164	0.01801	0.01505	0.01193	0.01190	8
0.0109	0.0074	0.0110	0.00124	0.00108	0.00142	0.00192	0.00547	0.00276	0.00146	0.00387	0.00214	0.00215	0.00287	0.00439	0.00220	0.00139	0.00096	0.01485	0.07567	0.00593	0.00189	0.00318	9
0.0366	0.0184	0.0249	0.00114	0.00664	0.00123	0.00094	0.00417	0.00218	0.00164	0.03924	0.01443	0.00578	0.01116	0.00163	0.00577	0.00463	0.00181	0.00240	0.00527	0.00149	0.00168	0.00113	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0.01287	0.01154	0.01407	0.01496	0.01298	0.01193	0.01094	0.01575	0.01625	0.01675	0.01318	0.01712	0.01072	0.01306	0.01835	0.01132	0.00620	0.00773	0.01079	0.01296	0.02063	0.01078	0.01461	12
0.0036	0.0022	0.0042	0.0018	0.00018	0.00027	0.00061	0.00027	0.00059	0.00059	0.00083	0.00106	0.00045	0.00045	0.00027	0.00057	0.00023	0.00026	0.00043	0.00022	0.00057	0.00066	0.00063	13
0.01737	0.01253	0.01587	0.01345	0.01112	0.02227	0.01121	0.01823	0.01296	0.01703	0.02923	0.02021	0.05107	0.05688	0.00711	0.01203	0.01095	0.00940	0.00893	0.01044	0.00727	0.00723	0.00806	14
0.0035	0.0043	0.0049	0.0043	0.00449	0.00449	0.00552	0.00038	0.00045	0.00088	0.00071	0.00040	0.00050	0.00066	0.00027	0.00046	0.00025	0.00039	0.00043	0.00045	0.00032	0.00035	0.00035	15
28761	52684	79908	0.0396	0.00301	0.98888	0.1525	0.1637	0.00899	0.00499	0.0498	0.00588	0.0381	0.0366	0.0138	0.5740	0.0327	0.5668	0.0301	0.0608	0.0236	0.0590	0.0277	16
1.10143	0.2340	1.0813	0.0324	0.0190	0.2174	0.2198	0.0493	0.00325	0.00337	0.0205	0.0290	0.0204	0.0161	0.00888	0.0782	0.0164	0.2317	0.00127	0.0221	0.00115	0.0183	0.0205	17
0.0491	1.21004	0.1370	0.0257	0.0130	0.0073	0.0232	0.00168	0.00209	0.00665	0.00119	0.00130	0.00112	0.00124	0.00553	0.00422	0.0036	0.00818	0.0202	0.00047	0.00164	0.0134	0.0107	18
0.0751	0.0171	0.07147	0.0094	0.0065	0.0248	0.00186	0.00369	0.00198	0.00115	0.00376	0.0173	0.0174	0.0148	0.0053	0.00188	0.00246	0.0190	0.00664	0.0113	0.0060	0.0076	0.0055	19
0.0628	0.0488	0.0745	1.40234	0.54239	1.8274	0.9636	1.1334	0.5368	0.2470	0.0910	0.1054	0.0880	0.0751	0.0333	0.0744	0.0367	0.01810	0.03211	0.0952	0.00606	0.00514	0.0612	20
0.0057	0.0055	0.0075	0.0405	1.03956	0.0114	0.00095	0.00125	0.00129	0.00041	0.00065	0.00063	0.00054	0.00053	0.00021	0.00039	0.00266	0.00120	0.00021	0.00200	0.00051	0.00024	0.00090	21
0.0293	0.0021	0.0372	0.0328	0.0768	1.01602	0.2986	0.0039	0.00023	0.00017	0.00013	0.00013	0.00017	0.00011	0.00009	0.00043	0.00008	0.00055	0.00260	0.00013	0.00024	0.00016	0.00020	22
0.0012	0.0013	0.0302	0.0063	0.0152	0.00798	1.02609	0.00032	0.00018	0.00058	0.00099	0.00110	0.00012	0.00008	0.00007	0.00025	0.00005	0.00011	0.00011	0.00009	0.00012	0.00009	0.00012	23
0.4131	0.2292	0.4485	0.2612	0.1807	0.03006	0.2898	1.26423	0.57308	0.26224	0.3082	0.7744	0.5251	0.93948	0.1318	0.9209	0.1309	0.3269	0.5646	0.4682	0.1243	0.1361	0.2404	24
0.1458	0.1610	0.2290	0.1011	0.0767	0.2690	0.2832	0.3789	1.05856	0.1516	0.1161	0.1341	0.4083	0.1897	0.0399	0.1394	0.0506	0.1864	0.08649	0.1512	0.0344	0.0364	0.1756	25
0.1276	0.1404	0.1609	0.1806	0.1509	0.1551	0.1341	0.2609	0.2478	1.17880	0.1683	0.1554	0.5773	0.1869	0.1629	0.1867	0.1010	0.2347	0.1377	0.1452	0.1194	0.1089	0.1553	26
1.1084	0.5213	0.6964	0.3036	0.1616	0.3254	0.2369	0.6710	0.3880	0.3839	1.26952	4.5777	1.8182	3.5590	0.4856	1.4322	1.1013	0.4387	0.5958	0.4803	0.2603	0.3751	0.2401	27
2.1311	0.6625	0.9350	0.1499	0.0729	0.2589	0.1398	0.2005	0.1484	0.0617	0.3065	0.4431	0.1113	1.7311	0.0374	1.7459	0.0562	0.2222	0.0502	0.1878	0.0419	0.2049	0.0096	28
0.0598	0.0374	0.0571	0.0317	0.0255	0.0265	0.0226	0.00483	0.00454	0.0262	0.1854	0.1906	1.07036	0.1933	0.0453	0.0595	0.3284	0.0918	0.0366	0.0909	0.00385	0.0304	0.0520	29
0.0348	0.0186	0.0270	0.0802	0.0492	0.2323	0.1942	0.0242	0.00189	0.0153	0.0604	0.0953	0.0422	1.00569	0.0226	0.0286	0.0110	0.0114	0.0142	0.0278	0.0282	0.0243	0.1884	30
0.2156	0.1423	0.1978	0.2804	0.2306	0.1585	0.1374	0.2888	0.2502	0.1288	0.8402	0.5000	0.2989	0.4164	1.08844	0.2055	0.1628	0.1023	0.1529	0.2805	0.2263	0.1665	0.1825	31
0.2575	0.1039	0.4440	0.1458	0.0945	0.4963	0.1754	0.2267	0.2133	0.0819	0.1391	0.2645	0.1663	0.1284	0.0529	1.04077	0.1418	0.7296	0.00919	0.1797	0.00801	0.0700	0.2136	32
0.0052	0.0435	0.0130	0.0015	0.0013	0.0170	0.0192	0.0016	0.0018	0.0016	0.0015	0.0013	0.00015	0.00014	0.00008	0.00136	1.16129	2.6371	0.00010	0.00026	0.00011	0.00057	0.00057	33
0.0069	0.0142	0.0351	0.0027	0.0021	0.0064	0.0034	0.0031	0.0039	0.0032	0.0023	0.0018	0.0023	0.0021	0.0011	0.00149	0.00273	1.09210	0.0017	0.0022	0.00015	0.00015	0.00018	34
0.0273	0.0208	0.0331	0.0282	0.0180	0.0172	0.0169	0.0132	0.0308	0.0091	0.0323	0.0228	0.0286	0.00214	0.00085	0.00820	0.0140	0.0155	1.05173	0.2005	0.0093	0.0106	0.1003	35
0.0345	0.0195	0.0286	0.0842	0.0714	0.00830	0.00939	0.00967	0.00548	0.00333	0.00739	0.00484	0.00589	0.1542	0.0489	0.0711	0.1366	0.0754	0.03692	1.14415	0.2635	0.01153	0.1586	36
0.0835	0.0663	0.1012	0.1154	0.0631	0.6164	1.5406	0.1167	0.1222	0.0697	0.2692	0.1514	0.2278	0.4716	0.1486	0.1537	0.0587	0.00757	0.00977	0.1798	1.31825	0.4849	0.5971	37
0.0673	0.0502	0.0737	0.0813	0.0802	0.2688	0.3760	0.00930	0.00685	0.00736	0.3275	0.1514	0.1017	0.1383	0.0672	0.1198	0.0497	0.0574	0.00899	0.1019	0.4207	1.44879	0.3920	38
0.0197	0.0112	0.0152	0.00129	0.00096	0.00226	0.00173	0.00157	0.00514	0.00098	0.1083	0.0611	0.2058	0.5193	0.0815	0.0197	0.0077	0.00094	0.00125	0.0118	0.0080	0.0084	1.00833	39
0.0119	0.0102	0.0139	0.02015	0.00229																			

Table 3.—Total Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1953—Continued

(Producers' prices)

Each entry represents the output required, directly and indirectly, from the industry named at the beginning of the row for each dollar of delivery to final demand by the industry named at the head of the column	(Producers' prices)																					
	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
1	0.00385	0.00399	0.00413	0.00383	0.00430	0.00394	0.00489	0.00395	0.00478	0.00441	0.00366	0.00540	0.00500	0.00531	0.00482	0.00454	0.00576	0.00574	0.00480	0.00422	0.00292	0.00474
2	0.00435	0.00453	0.00485	0.00402	0.00522	0.00415	0.00540	0.00420	0.00518	0.00460	0.00390	0.00504	0.00558	0.00529	0.00614	0.00482	0.00616	0.00600	0.00531	0.00619	0.00338	0.00615
3	0.00099	0.00132	0.00172	0.00055	0.00101	0.00067	0.00076	0.00064	0.00131	0.00076	0.00041	0.00060	0.00146	0.00078	0.00121	0.00086	0.00131	0.00089	0.00060	0.00075	0.00070	0.00410
4	0.00039	0.00039	0.00042	0.00036	0.00169	0.00039	0.00046	0.00035	0.00044	0.00041	0.00033	0.00043	0.00050	0.00042	0.00049	0.00044	0.00049	0.00050	0.00043	0.00046	0.00028	0.00057
5	0.02090	0.01782	0.01721	0.01176	0.01438	0.01531	0.01250	0.00911	0.01008	0.01157	0.00859	0.00318	0.00971	0.00758	0.00940	0.00754	0.00298	0.00365	0.00687	0.01191	0.00525	0.01288
6	0.01392	0.01230	0.01284	0.00845	0.00468	0.00441	0.00573	0.00702	0.00960	0.00764	0.01355	0.00460	0.01187	0.01294	0.00972	0.01210	0.00628	0.00878	0.01923	0.00567	0.00767	0.00634
7	0.01378	0.01237	0.01177	0.00947	0.01099	0.01106	0.00864	0.00639	0.00717	0.00834	0.00650	0.00291	0.00771	0.00593	0.00773	0.00607	0.00357	0.00408	0.00505	0.00966	0.00442	0.00995
8	0.01156	0.01194	0.01071	0.00917	0.00974	0.00973	0.00924	0.00874	0.01000	0.00910	0.01211	0.00529	0.00970	0.00826	0.00861	0.00820	0.00646	0.00749	0.00858	0.00943	0.00666	0.01060
9	0.00282	0.00248	0.00254	0.00208	0.00240	0.00239	0.00205	0.00182	0.00182	0.00478	0.00259	0.00092	0.00202	0.00175	0.00202	0.00209	0.00127	0.00189	0.00210	0.00204	0.00126	0.00240
10	0.00089	0.00098	0.00117	0.00062	0.00082	0.00068	0.00072	0.00053	0.00070	0.00066	0.00055	0.00045	0.00106	0.00087	0.00110	0.00123	0.00077	0.00116	0.00178	0.00102	0.00052	0.00095
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0.01276	0.01202	0.01130	0.00969	0.01121	0.01040	0.01102	0.01176	0.01096	0.01127	0.01369	0.00799	0.01259	0.01011	0.01120	0.00963	0.00990	0.01060	0.00939	0.01475	0.00940	0.01104
13	0.01005	0.01028	0.00076	0.00266	0.00350	0.00103	0.00084	0.00118	0.00203	0.00216	0.00065	0.00294	0.00172	0.00295	0.00158	0.00061	0.00316	0.01093	0.00094	0.00140	0.00814	0.00908
14	0.00912	0.00936	0.00966	0.00942	0.00946	0.00957	0.01173	0.00913	0.01156	0.01089	0.00854	0.01411	0.01173	0.01364	0.01114	0.01105	0.01445	0.01403	0.01158	0.00862	0.00676	0.01068
15	0.00049	0.00050	0.00052	0.00054	0.00050	0.00055	0.00067	0.00054	0.00065	0.00063	0.00050	0.00088	0.00063	0.00081	0.00058	0.00060	0.00085	0.00081	0.00064	0.00042	0.00037	0.00056
16	0.00371	0.00389	0.00499	0.00338	0.00455	0.00351	0.00707	0.00331	0.00546	0.00390	0.00271	0.00288	0.00468	0.00378	0.00914	0.00375	0.00616	0.00391	0.00655	0.01789	0.00361	0.00581
17	0.00134	0.00193	0.00290	0.00196	0.00373	0.00228	0.00299	0.01600	0.00203	0.00141	0.00098	0.00163	0.00247	0.00190	0.00404	0.00230	0.00238	0.00161	0.00504	0.01117	0.00232	0.00307
18	0.00209	0.00221	0.00218	0.00186	0.00194	0.00190	0.00205	0.00214	0.00221	0.00212	0.00237	0.00179	0.00205	0.00199	0.00202	0.00209	0.00205	0.00251	0.00218	0.00191	0.00212	0.00240
19	0.00092	0.00095	0.00063	0.00076	0.00071	0.00064	0.00068	0.00091	0.00054	0.00057	0.00047	0.00044	0.00080	0.00063	0.00073	0.00057	0.00058	0.00057	0.00099	0.01051	0.00045	0.00120
20	0.00914	0.01249	0.01666	0.00453	0.00933	0.00572	0.00624	0.00539	0.01225	0.00647	0.00307	0.00453	0.01377	0.00633	0.01110	0.00732	0.01189	0.00729	0.00426	0.00651	0.00628	0.04190
21	0.00154	0.00089	0.00123	0.00029	0.00067	0.00033	0.00039	0.00030	0.00052	0.00046	0.00026	0.00063	0.00641	0.00033	0.00657	0.00052	0.00041	0.00052	0.00035	0.00046	0.00032	0.00057
22	0.00140	0.00052	0.00154	0.00029	0.00031	0.00046	0.00034	0.00025	0.00060	0.00074	0.00019	0.00073	0.00168	0.00069	0.00059	0.00035	0.00203	0.00704	0.00041	0.00061	0.00126	0.00787
23	0.00191	0.00030	0.00121	0.00020	0.00079	0.00019	0.00071	0.00016	0.00021	0.00040	0.00013	0.00036	0.00103	0.00019	0.00063	0.00013	0.00038	0.00020	0.00013	0.00050	0.00235	0.00489
24	0.01503	0.02146	0.01843	0.01406	0.01335	0.01129	0.01361	0.00883	0.01315	0.01459	0.00791	0.02052	0.02333	0.02302	0.02466	0.02659	0.02439	0.03077	0.01850	0.02036	0.00937	0.01426
25	0.00801	0.01356	0.00906	0.00869	0.00613	0.00412	0.00532	0.00322	0.00367	0.00524	0.00232	0.00516	0.01488	0.00827	0.01559	0.02573	0.01220	0.01306	0.01245	0.00726	0.00425	0.00518
26	0.01266	0.01288	0.01530	0.01334	0.01671	0.01275	0.01447	0.01049	0.01305	0.01243	0.01000	0.01847	0.01443	0.01228	0.03347	0.01254	0.01684	0.01189	0.01497	0.01899	0.00909	0.01241
27	0.01935	0.02264	0.02770	0.01337	0.01845	0.01477	0.01610	0.01181	0.01638	0.01462	0.01081	0.01069	0.02695	0.02180	0.02759	0.03273	0.01997	0.03160	0.04953	0.02498	0.01267	0.02325
28	0.00586	0.01090	0.00740	0.00636	0.01008	0.00681	0.00948	0.00509	0.00750	0.00543	0.00422	0.00665	0.01046	0.01436	0.01478	0.02832	0.01591	0.01465	0.02114	0.01552	0.00652	0.01588
29	0.00240	0.00285	0.00242	0.00225	0.00260	0.00235	0.00271	0.00190	0.00249	0.00218	0.00218	0.00148	0.00286	0.00191	0.00242	0.00235	0.00202	0.00191	0.00235	0.00232	0.00179	0.00251
30	0.00482	0.00709	0.00347	0.00314	0.00587	0.00333	0.00480	0.00191	0.00211	0.00259	0.00150	0.00216	0.00800	0.00465	0.00809	0.00666	0.00264	0.00237	0.00205	0.00739	0.00245	0.01084
31	0.01820	0.01879	0.01670	0.01464	0.01542	0.01539	0.01469	0.01091	0.01608	0.01426	0.01991	0.00824	0.01517	0.01276	0.01309	0.01256	0.01007	0.01117	0.01303	0.01470	0.01026	0.01685
32	0.00795	0.01372	0.01319	0.01371	0.01472	0.02306	0.02838	0.01086	0.01932	0.01077	0.00637	0.01603	0.02216	0.01338	0.04123	0.02338	0.01833	0.01305	0.05690	0.04810	0.01464	0.01719
33	0.00032	0.00040	0.00030	0.00040	0.00049	0.00037	0.00060	0.00030	0.00168	0.00048	0.00088	0.00029	0.00043	0.00030	0.00087	0.00039	0.00044	0.00024	0.00031	0.00067	0.00019	0.00076
34	0.00021	0.00053	0.00031	0.00025	0.00027	0.00021	0.00046	0.00029	0.00024	0.00023	0.00166	0.00027	0.00036	0.00026	0.00169	0.00026	0.00030	0.00027	0.00029	0.00029	0.00023	0.00024
35	0.00528	0.00203	0.00147	0.00209	0.00163	0.00138	0.00204	0.00179	0.00149	0.00143	0.00090	0.00301	0.00524	0.00373	0.00390	0.03291	0.01399	0.03742	0.0432	0.01656	0.00211	0.00764
36	0.01764	0.01797	0.01688	0.01655	0.01549	0.01574	0.01362	0.01520	0.01268	0.01902	0.02722	0.00704	0.01580	0.01522	0.01653	0.01475	0.00989	0.01394	0.01727	0.01260	0.01065	0.01841
37	0.03557	0.03028	0.02912	0.01905	0.02739	0.02642	0.02354	0.01593	0.01897	0.01969	0.01401	0.01566	0.01950	0.01109	0.01596	0.01272	0.04630	0.05534	0.08051	0.02065	0.08595	0.21941
38	0.01334	0.01780	0.012018	0.00804	0.04027	0.03730	0.05229	0.06767	0.09388	0.07274	0.13600	0.04547	0.01683	0.02932	0.09436	0.00773	0.06227	0.08740	0.17978	0.05101	0.07624	0.05795
39	0.00138	0.00471	0.00168	0.00080	0.00101	0.00082	0.00096	0.00100	0.00081	0.00080	0.00062	0.00072	0.00136	0.00101	0.00142	0.00124	0.00094	0.00109	0.00119	0.00069	0.00125	0.00257
40	0.02710	0.01106	0.01204	0.00547	0.00673	0.02122	0.01807	0.00725	0.01570	0.02359	0.00466	0.00155	0.02941	0.00541	0.02012	0.00447	0.00268	0.00235	0.00242	0.00465	0.00314	0.05287
41	0.02894	0.04987	0.02818	0.03439	0.04265	0.02026</																

Table 3.—Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1958—Continued

(Producers' prices)

Scientific & controlling instruments	Optical, ophthalmic & photographic equipment	Miscellaneous manufacturing	Transportation & warehousing	Communications, except radio & T. V. broadcasting	Radio & T. V. broadcasting	Electric, gas, water & sanitary services	Wholesale & retail trade	Finance & insurance	Real estate & rental	Hotels, personal & repair services, exc. auto.	Business services	Research & development	Automobile repair & services	Amusements	Medical, educational services & non-profit organizations	Federal government enterprises	State & local government enterprises	Gross imports of goods & services	Business travel, entertainment & gifts	Office supplies	Industry number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
0.00770	0.00430	0.00710	0.00421	0.00180	0.00631	0.00300	0.00746	0.00617	0.02311	0.00605	0.00624	0.00550	0.00409	0.00863	0.00907	0.04479	0.00254	0	0.12847	0.00751	1
.00936	.00497	.01249	.00255	.00608	.00608	.00644	.00843	.00883	.03207	.00907	.01052	.00555	.00798	.00689	.00798	.17990	.00336	0	.08389	.00998	2
.00084	.00090	.00406	.00052	.00026	.00043	.00049	.00053	.00040	.00057	.00074	.00091	.00079	.00046	.00044	.00056	.00083	.00111	0	.00464	.00475	3
.00065	.00040	.00085	.00038	.00016	.00055	.00038	.00213	.00051	.00180	.00058	.00063	.00043	.00048	.00121	.00055	.00768	.00039	0	.00582	.00073	4
.00406	.00199	.00373	.00079	.00024	.00029	.00077	.00036	.00023	.00058	.00072	.00063	.00469	.00255	.00032	.00042	.00101	.00116	0	.00104	.00146	5
.00905	.00558	.00807	.00089	.00066	.00045	.00095	.00039	.00027	.00068	.00110	.00085	.00747	.00190	.00047	.00055	.00055	.00131	0	.00099	.00230	6
.00375	.00514	.00458	.00289	.00077	.00105	.00432	.00201	.00168	.00136	.00241	.00406	.00434	.00527	.00120	.00176	.01608	.02476	0	.00287	.00650	7
.00674	.00914	.00966	.03097	.00307	.00401	.08542	.00888	.00617	.00981	.01280	.00790	.00985	.00878	.00428	.00688	.01465	.02215	0	.01974	.01104	8
.00128	.00245	.00142	.00104	.00049	.00044	.00123	.00061	.00045	.00151	.00095	.00071	.00134	.00146	.00061	.00073	.00144	.00308	0	.00121	.00247	9
.00077	.00298	.00163	.00040	.00013	.00020	.00032	.00027	.00023	.00038	.00084	.00062	.00133	.00068	.00021	.00040	.00086	.00063	0	.00084	.00255	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
.00911	.00852	.01355	.05330	.03579	.02261	.07729	.02021	.02147	.10376	.01512	.01493	.01334	.02753	.04089	.04314	.02366	.26104	0	.03287	.01565	12
.03369	.00251	.00060	.00052	.00043	.00080	.00012	.00029	.00012	.00017	.00061	.00043	.22839	.00041	.00012	.00094	.00026	.00013	0	.00131	.00063	13
.01924	.01018	.01395	.00879	.00363	.01185	.00606	.01691	.01070	.00725	.01135	.01262	.01354	.00717	.01080	.02124	.08907	.00512	0	.38271	.01680	14
.00090	.00049	.00072	.00024	.00019	.00075	.00022	.00059	.00057	.00016	.00051	.00059	.00065	.00032	.00064	.00066	.00038	.00021	0	.02691	.00073	15
.01834	.00419	.03754	.00236	.00119	.00319	.00102	.00206	.00255	.00153	.03219	.00373	.00610	.00798	.00283	.00405	.00224	.00141	0	.00815	.01265	16
.00471	.00192	.01219	.00186	.00080	.00225	.00058	.00108	.00196	.00064	.00534	.00241	.00374	.00740	.00170	.00212	.00030	.00117	0	.00250	.00553	17
.00443	.00165	.00298	.00048	.00014	.00034	.00026	.00096	.00031	.00071	.01086	.00071	.00232	.00098	.00032	.00248	.00035	.00070	0	.00344	.00129	18
.00119	.00075	.00231	.00092	.00074	.00241	.00025	.00087	.00194	.00041	.01247	.00173	.00164	.00443	.00172	.00211	.00143	.00033	0	.00323	.00153	19
.00638	.00726	.03495	.00424	.00232	.00313	.00458	.00410	.00301	.00515	.00524	.00810	.00632	.00388	.00334	.00390	.00402	.01098	0	.00564	.04713	20
.00072	.00036	.00089	.00072	.00006	.00013	.00015	.00117	.00014	.00028	.00032	.00026	.00073	.00035	.00014	.00018	.00116	.00020	0	.00152	.00069	21
.00155	.00029	.00067	.00017	.00038	.00069	.00008	.00023	.00007	.00012	.00018	.00017	.00288	.00024	.00007	.00012	.00009	.00011	0	.00047	.00031	22
.00413	.00015	.00112	.00016	.00007	.00008	.00012	.00021	.00007	.00016	.00045	.00021	.00103	.00018	.00010	.00015	.00008	.00033	0	.00019	.00066	23
.02287	.05785	.06459	.00818	.00786	.01740	.00724	.01665	.02063	.00587	.02730	.07370	.01746	.01194	.01990	.01757	.02080	.01059	0	.01968	.46752	24
.01336	.01242	.04653	.00193	.00095	.00344	.00127	.00664	.00288	.00134	.00629	.00589	.00745	.00458	.00239	.00392	.00479	.00187	0	.00978	.02523	25
.01375	.02335	.02263	.01324	.02328	.02779	.01076	.02259	.04366	.01146	.01627	.28207	.01566	.01645	.02475	.03215	.02586	.01571	0	.01817	.68912	26
.01956	.08933	.04398	.00995	.00325	.00480	.00864	.00661	.00530	.00887	.02366	.01495	.03812	.01714	.00537	.01093	.01780	.01780	0	.01930	.05573	27
.01143	.00740	.04009	.00363	.00127	.00224	.00194	.00195	.00196	.00209	.00764	.00373	.01154	.01164	.00223	.00272	.00246	.00386	0	.00512	.01590	28
.00396	.00249	.00578	.00130	.00047	.00086	.00079	.00216	.00144	.00116	.01732	.00253	.00969	.00284	.00105	.02897	.00129	.00165	0	.00443	.00376	29
.00229	.00153	.00946	.00060	.00203	.00148	.00440	.00163	.00137	.00583	.01062	.00134	.00285	.01068	.00249	.00262	.00194	.04142	0	.01031	.00298	30
.01045	.01480	.01550	.05659	.00458	.00591	.02440	.01311	.00978	.01341	.02019	.01210	.01585	.01223	.00590	.00948	.02393	.02215	0	.03477	.01771	31
.01990	.01280	.04409	.01180	.00200	.00319	.00338	.00502	.00473	.00286	.01131	.00766	.02437	.04644	.00313	.00574	.00616	.00483	0	.01078	.02407	32
.00138	.00035	.00925	.00020	.00005	.00029	.00005	.00016	.00009	.00008	.00050	.00023	.00032	.00022	.00085	.00014	.00015	.00007	0	.00130	.00153	33
.00134	.00673	.00708	.00012	.00010	.00075	.00009	.00037	.00021	.00015	.00100	.00034	.00039	.00023	.00278	.00033	.00035	.00009	0	.00457	.00134	34
.00658	.01295	.00716	.00145	.00057	.00085	.00077	.00193	.00054	.00101	.00252	.00095	.00548	.01655	.00074	.00177	.00162	.00189	0	.00566	.00259	35
.00960	.02544	.00729	.00361	.00186	.00165	.00571	.00310	.00148	.00507	.00747	.00243	.00970	.01084	.00233	.00269	.00556	.01157	0	.00440	.00579	36
.00635	.02522	.05670	.01200	.00347	.00413	.01187	.00528	.00309	.00741	.00966	.00887	.07359	.04140	.00462	.00595	.00780	.01770	0	.01573	.01926	37
.08528	.05141	.07943	.00806	.00644	.00417	.00667	.00330	.00226	.00513	.00943	.00750	.07245	.01687	.00430	.00459	.00467	.01167	0	.00841	.01975	38
.00357	.00123	.00162	.00094	.00026	.00047	.00062	.00077	.00048	.00070	.00101	.00065	.00144	.00103	.00050	.00131	.00206	.00113	0	.00990	.00130	39
.00360	.00121	.00227	.00369	.00205	.00140	.00457	.00236	.00132	.00591	.00149	.00127	.00084	.00263	.00237	.00259	.00163	.01438	0	.00256	.00154	40
.02715	.00962	.01807	.00222	.00084	.00136	.00146	.00147	.00061	.00101	.00297	.00219	.02454	.00960	.00094	.00219	.00156	.00202	0	.00377	.00510	41
.02716	.01567	.02511	.00507	.00158	.00191	.01320	.00281	.00150	.00204	.00679	.00395	.02465	.02732	.00178	.00248	.00414	.00923	0	.00630	.01578	42
.00189	.00105	.00092	.00362	.00023	.00046	.00074	.00066	.00049	.00045	.00054	.00551	.01344	.00165	.00047	.00045	.00106	.00055	0	.00184	.00071	43
.00108	.00066	.00096	.00041	.00019	.00046	.00034	.00070	.00048	.00063	.00044	.00636	.00360	.00077	.00048	.00039	.00188	.00033	0	.00117	.00060	44
.00190	.00123	.00099	.00073	.00021	.00026	.00240	.00066	.00028	.00060	.00047	.00147	.00278	.00099	.00030	.00036	.00102	.00182	0	.00014	.00088	45
.00037	.00026	.00027	.00063	.00006	.00007	.00033	.00023	.00007	.00021	.00012	.00014	.00124	.00027	.00008	.00010	.00026	.00039	0	.00035	.00026	46
.01913	.00715	.00387	.00191	.00041	.00062	.00121	.00080	.00043	.00107	.00126	.00213	.03876	.00516	.00047	.00080	.00098	.00112	0	.00175	.00224	47
.00331	.00298	.00207	.00039	.00020	.00032	.00038	.00065	.00036	.00047	.00090	.00157	.00301	.00088	.00030	.00048	.00049	.00051	0	.00066	.00456	48
.01044	.00182	.00304	.00184	.00033	.00043	.00155	.00092	.00039	.00081	.00101	.00156	.01296	.00314	.00042	.00062	.00094	.00139	0			

Government Programs

(continued from p. 4)

and evaluation, due to the phaseout of research and development on major missile and aircraft programs. Lesser reductions are scheduled for military assistance and military construction, and atomic energy outlays are expected to be down slightly from the preceding year.

Partially offsetting these declines are estimates of larger expenditures for operation and maintenance in the Defense Department and for military personnel, primarily because of the recently-approved increase in military pay. Spending for space research and technology is expected to reach almost \$5 billion in fiscal 1965, up about \$¼ billion from fiscal 1964, but a smaller increase than in recent years.

Nondefense purchases, although below the earlier forecast, are expected to be well above the fiscal 1964 level. This is due chiefly to the pay increase for civilian employees and to higher outlays for the public works acceleration program and construction projects of the Corps of Engineers. The in-

crease is not as large as projected because government agencies will absorb a greater portion of the costs of the pay raise than assumed in the January Budget. In addition, expenditures were lower than forecast in the Office of Economic Opportunity (the new agency established to administer the war on poverty), the Department of Commerce and the Department of Labor.

Other expenditures rise

Although fiscal year 1965 purchases of goods and services show almost no change from the preceding year, other Federal expenditures are slated to rise.

Transfer payments to individuals are expected to rise more than \$1 billion from fiscal 1964 to fiscal 1965. The rise, about the same as estimated in January, is in line with the experience of recent years and is due primarily to increased OASI and Civil Service retirement payments and a rise in military pensions.

Federal aid to State and local governments is up nearly \$1¼ billion over fiscal 1964 and is also substantially higher than the earlier forecast. Increased outlays for public assistance

grants, highway construction, and grants under the newly enacted poverty program account for the bulk of the increase.

Net interest charges are projected about \$½ billion higher than in the past fiscal year and somewhat above the January forecast. This is due partly to the increase in the national debt and partly to the higher average interest rates that the Treasury must pay in refunding operations.

The "subsidies less current surplus of government enterprises" category is slightly below fiscal 1964, but over \$1 billion above the earlier estimate for fiscal 1965. The current forecast for agricultural price support and farm subsidies is substantially above the January estimate, mainly because cotton legislation was enacted in a form more costly than anticipated and because the new law came too late in the spring for many producers to participate in the cost-reducing features of the program. In addition, expenditures in fiscal 1965 under the feed grain program are expected to be larger because of higher production and lower utilization of feed grains.

NATIONAL INCOME AND PRODUCT

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

	1961	1962	1963	1963		1964			1961	1962	1963	1963		1964							
				III	IV	I	II	III				III	IV	I	II	III					
				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	587.2	599.0	608.8	618.6	628.4	447.9	476.4	492.6	494.8	502.0	508.0	513.5	519.6					
Personal consumption expenditures	337.3	356.8	375.0	377.4	381.3	390.0	396.1	404.6	303.8	318.5	330.6	332.4	334.4	340.9	345.0	351.8					
Durable goods.....	43.7	48.4	52.1	52.2	53.6	55.9	57.0	58.7	41.4	45.7	49.3	49.4	50.8	53.1	54.0	55.6					
Nondurable goods.....	155.4	162.0	167.5	168.6	168.9	172.9	175.3	179.5	143.5	148.3	151.6	152.5	152.1	155.2	157.4	160.9					
Services.....	138.3	146.4	155.3	156.6	158.8	161.1	163.8	166.4	118.9	124.5	129.7	130.6	131.6	132.6	133.7	135.3					
Gross private domestic investment	68.8	79.1	82.0	82.8	87.1	85.9	87.2	87.3	57.4	65.9	67.7	68.1	71.7	70.1	70.8	70.4					
New construction.....	41.0	44.2	46.6	47.2	48.3	49.2	48.9	48.9	34.3	36.7	37.9	38.2	39.0	39.6	39.2	38.6					
Residential nonfarm.....	21.1	23.6	25.2	25.4	26.2	26.9	26.2	25.7	18.2	20.1	21.2	21.2	21.8	22.3	21.6	20.9					
Other.....	19.8	20.6	21.3	21.9	22.1	22.3	22.7	23.1	16.1	16.5	16.7	17.0	17.2	17.3	17.5	17.7					
Producers' durable equipment.....	25.9	29.0	31.0	31.4	32.4	34.2	34.6	35.6	21.4	24.0	25.6	25.9	26.8	28.1	28.3	29.2					
Change in business inventories.....	1.9	5.9	4.4	4.2	6.4	2.5	3.7	2.8	1.7	5.2	4.1	4.0	5.9	2.4	3.3	2.5					
Nonfarm.....	1.5	5.3	3.9	3.7	6.0	2.2	3.4	2.7	1.5	4.8	3.6	3.4	5.5	2.1	3.0	2.4					
Farm.....	.3	.6	.5	.5	.4	.3	.3	.1	.2	.4	.5	.6	.4	.3	.3	.1					
Net exports of goods and services	4.6	4.0	4.4	4.2	5.8	7.7	5.7	7.0	2.5	2.2	2.2	2.0	3.5	5.4	3.4	4.5					
Exports.....	27.6	29.2	30.7	31.0	32.6	34.5	33.7	35.7	25.8	27.5	29.1	29.4	30.9	32.7	31.9	33.8					
Imports.....	23.0	25.2	26.3	26.8	26.9	26.8	27.9	28.7	23.3	25.3	26.8	27.4	27.4	27.3	28.5	29.2					
Government purchases of goods and services	108.0	116.3	122.6	122.8	124.8	125.2	129.6	129.5	84.3	89.8	92.1	92.3	92.4	91.6	94.3	92.8					
Federal.....	57.4	62.9	64.7	64.4	64.9	64.3	67.1	65.5	44.8	49.4	49.7	49.6	48.9	47.8	49.8	47.8					
National defense.....	49.0	53.6	55.2	55.5	55.3	54.0	57.0	55.2													
Other.....	8.9	10.2	10.3	9.5	10.5	11.5	11.0	11.2													
Less: Government sales.....	.6	.9	.8	.6	.9	1.2	.9	.9													
State and local.....	50.6	53.5	57.9	58.4	59.9	60.9	62.5	64.1	39.4	40.3	42.4	42.7	43.4	43.8	44.5	45.0					
Addendum:																					
Implicit price deflator for seasonally adjusted GNP, 1954=100.....	115.8	116.7	118.5	118.7	119.3	119.8	120.5	121.0													

Table 2.—National Income by Type of Income (I-3, I-9)

[Billions of dollars]

	1961	1962	1963	1963		1964		
				III	IV	I	II	III
				Seasonally adjusted at annual rates				
National income	426.9	455.6	478.5	481.9	490.0	498.4	507.1	514.5
Compensation of employees	302.2	323.1	340.3	342.7	347.7	352.5	358.6	364.8
Wages and salaries.....	278.8	297.1	312.1	314.3	318.8	323.2	328.7	334.4
Private.....	227.0	241.6	252.9	255.0	257.6	260.8	265.3	269.4
Military.....	10.2	10.8	10.9	10.7	11.7	11.7	11.7	11.8
Government civilian.....	41.6	44.7	48.3	48.7	49.6	50.7	51.7	53.2
Supplements to wages and salaries.....	23.4	25.9	28.2	28.4	28.8	29.4	29.9	30.4
Employer contributions for social insurance.....	11.8	13.6	15.1	15.2	15.4	15.7	15.9	16.2
Other labor income.....	11.6	12.3	13.1	13.2	13.4	13.7	14.0	14.2
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	50.7	51.5	51.2	51.7	52.1
Business and professional.....	35.3	36.6	37.6	37.8	38.3	38.6	39.1	39.6
Income of unincorporated enterprises.....	35.3	36.6	37.6					
Inventory valuation adjustment.....	0	0	0					
Farm.....	12.9	13.2	13.0	12.9	13.2	12.6	12.6	12.6
Rental income of persons	12.2	12.2	12.3	12.4	12.4	12.4	12.4	12.4
Corporate profits and inventory valuation adjustment	44.1	48.4	50.8	51.4	53.1	56.4	57.9	58.1
Profits before tax.....	44.2	48.2	51.3	51.3	54.3	56.6	57.9	58.0
Profits tax liability.....	22.3	23.2	24.6	24.5	26.0	25.4	26.0	26.0
Profits after tax.....	21.9	25.0	26.7	26.7	28.3	31.2	31.9	32.0
Dividends.....	15.2	16.5	18.0	17.9	19.1	19.4	19.8	20.0
Undistributed profits.....	6.7	8.5	8.7	8.9	9.2	11.8	12.1	12.0
Inventory valuation adjustment.....	-1	.3	-4	.2	-1.2	-2	-1	.1
Net interest	20.1	22.1	24.4	24.7	25.4	25.9	26.5	27.1

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

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

[Billions of dollars]

	1961	1962	1963	1963		1964		
				III	IV	I	II	III
				Seasonally adjusted at annual rates				
Personal income	417.6	442.4	464.1	466.3	474.5	480.9	487.9	494.5
Wage and salary disbursements	278.8	297.1	312.1	314.3	318.8	323.2	328.7	334.3
Commodity-producing industries.....	110.8	118.5	123.3	124.1	125.5	126.7	128.9	130.8
Manufacturing only.....	87.5	94.2	98.0	98.5	99.9	100.6	102.4	103.8
Distributive industries.....	72.9	76.6	80.3	81.0	81.9	82.7	84.1	85.7
Service industries.....	43.4	46.4	49.3	49.9	50.2	51.3	52.4	52.9
Government.....	51.8	55.6	59.2	59.4	61.3	62.4	63.4	64.9
Other labor income	11.6	12.3	13.1	13.2	13.4	13.7	14.0	14.2
Proprietors' income	48.2	49.8	50.6	50.7	51.5	51.2	51.7	52.1
Business and professional.....	35.3	36.6	37.6	37.8	38.3	38.6	39.1	39.6
Farm.....	12.9	13.2	13.0	12.9	13.2	12.6	12.6	12.6
Rental income of persons	12.2	12.2	12.3	12.4	12.4	12.4	12.4	12.4
Dividends	15.2	16.5	18.0	17.9	19.1	19.4	19.8	20.0
Personal interest income	27.5	30.0	32.9	33.4	34.2	35.0	35.7	36.3
Transfer payments	33.6	34.7	36.7	36.5	37.2	38.3	38.0	38.0
Old-age and survivors insurance benefits.....	12.6	14.3	15.2	15.4	15.4	15.6	16.1	16.1
State unemployment insurance benefits.....	4.0	2.9	2.8	2.6	3.0	2.8	2.5	2.4
Veterans' benefits.....	4.8	4.8	5.0	5.0	5.1	5.2	5.3	5.2
Other.....	12.2	12.7	13.7	13.4	13.6	14.8	14.2	14.2
Less: Personal contributions for social insurance	9.6	10.3	11.8	11.9	12.1	12.3	12.5	12.8
Less: Personal tax and nontax payments	52.9	57.9	61.6	61.9	63.3	61.4	57.7	58.8
Federal.....	45.1	49.1	51.9	52.2	53.4	51.2	47.3	48.2
State and local.....	7.8	8.8	9.6	9.7	9.9	10.2	10.5	10.6
Equals: Disposable personal income	364.7	384.6	402.5	404.4	411.2	419.5	430.2	435.6
Less: Personal consumption expenditures	337.3	356.8	375.0	377.4	381.3	390.0	396.1	404.6
Equals: Personal saving	27.3	27.8	27.5	27.0	29.9	29.5	34.0	31.0
Addendum: Disposable personal income in constant (1954) dollars	328.2	343.4	354.9	356.3	360.7	366.7	374.7	378.8

† Revised

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

	1961	1962	1963	1963		1964			1961	1962	1963	1963		1964		
				III	IV	I	II	III				III	IV	I	II	III
				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	587.2	599.0	608.8	618.6	628.4	447.9	476.4	492.6	494.8	502.0	508.0	513.5	519.6
Final sales.....	516.8	550.3	579.5	583.0	592.6	606.4	614.9	625.7	446.2	471.2	488.5	490.9	496.1	505.6	510.2	517.0
Inventory change.....	1.9	5.9	4.4	4.2	6.4	2.5	3.7	2.8	1.7	5.2	4.1	4.0	5.9	2.4	3.3	2.5
Goods output	259.8	279.5	290.2	289.8	296.7	300.7	308.0	313.3	233.6	250.3	258.1	257.8	263.2	266.2	271.8	276.3
Final sales.....	257.9	273.6	285.8	285.7	290.3	298.2	304.3	310.5	232.0	245.1	254.0	253.8	257.3	263.8	268.5	273.7
Inventory change.....	1.9	5.9	4.4	4.2	6.4	2.5	3.7	2.8	1.7	5.2	4.1	4.0	5.9	2.4	3.3	2.5
Durable goods output.....	94.4	105.3	110.4	108.1	113.4	114.9	121.4	122.0	82.1	91.7	96.3	94.3	99.0	100.4	105.4	106.0
Final sales.....	94.5	102.3	108.2	106.6	110.4	114.3	119.0	120.7	82.1	89.2	94.4	93.0	96.4	99.8	103.3	104.9
Inventory change.....	-1	3.0	2.2	1.5	3.0	.7	2.5	1.3	-1	2.6	1.9	1.2	2.6	.6	2.1	1.1
Nondurable goods output.....	165.4	174.2	179.8	181.8	183.3	185.7	186.6	191.3	151.6	158.6	161.8	163.6	164.2	165.8	166.4	170.3
Final sales.....	163.4	171.3	177.6	179.1	179.9	183.9	185.4	189.8	149.8	155.9	159.6	160.8	160.9	164.0	165.2	168.8
Inventory change.....	2.0	2.9	2.2	2.7	3.4	1.8	1.2	1.5	1.7	2.6	2.3	2.7	3.3	1.8	1.2	1.5
Services	200.8	214.7	228.4	231.2	234.5	239.6	241.7	246.0	165.4	174.8	181.4	183.5	184.2	186.8	186.7	188.9
Construction	58.1	62.0	65.2	66.2	67.8	68.6	68.9	69.2	48.9	51.3	53.0	53.5	54.6	55.0	55.0	54.4
Addendum: Auto product	17.7	21.9	24.4	24.3	25.6	25.8	26.4	26.8	14.8	18.3	20.4	20.4	21.6	21.7	22.0	22.1

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

[Billions of dollars]

	1961	1962	1963	1963		1964		
				III	IV	I	II	III
				Seasonally adjusted at annual rates				
Gross national product	518.7	556.2	583.9	587.2	599.0	608.8	618.6	628.4
Less: Capital consumption allowances.....	44.5	48.7	50.8	51.2	51.7	52.5	53.1	53.7
Equals: Net national product	474.1	507.5	533.1	536.0	547.3	556.3	565.5	574.8
Less: Indirect business tax and non-tax liability.....	49.0	52.8	55.9	56.1	57.3	57.9	59.0	60.1
Business transfer payments.....	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5
Statistical discrepancy.....	-2.6	-1.8	-2.7	-3.5	-1.8	-1.6	-2.4	-1.4
Plus: Subsidies less current surplus of government enterprises.....	1.6	1.6	1.0	.9	.7	1.0	.7	.9
Equals: National income	426.9	455.6	478.5	481.9	490.0	498.4	507.1	514.5
Less: Corporate profits and inventory valuation adjustment.....	44.1	48.4	50.8	51.4	53.1	56.4	57.9	58.1
Contributions for social insurance.....	21.4	23.9	26.9	27.1	27.5	28.0	28.4	29.0
Excess of wage accruals over disbursements.....	0	0	0	0	0	0	0	.1
Plus: Government transfer payments to persons.....	31.3	32.3	34.3	34.0	34.7	35.9	35.5	35.5
Net interest paid by government.....	7.4	8.0	8.6	8.7	8.8	9.1	9.3	9.2
Dividends.....	15.2	16.5	18.0	17.9	19.1	19.4	19.8	20.0
Business transfer payments.....	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5
Equals: Personal income	417.6	442.4	464.1	466.3	474.5	480.9	487.9	494.5

¹ See footnote table 2.

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

[Billions of dollars]

	1961	1962	1963	1963		1964		
				III	IV	I	II	III
				Seasonally adjusted at annual rates				
Federal Government receipts	98.3	106.4	113.6	114.2	117.2	114.8	112.3	114.6
Personal tax and nontax receipts.....	45.1	49.1	51.9	52.2	53.4	51.2	47.3	48.2
Corporate profits tax accruals.....	20.9	21.8	23.0	23.0	24.4	23.9	24.4	24.4
Indirect business tax and nontax accruals.....	14.1	15.1	15.6	15.7	15.9	15.9	16.4	16.6
Contributions for social insurance.....	18.2	20.5	23.0	23.2	23.5	23.9	24.2	24.7
Federal Government expenditures	102.6	110.4	115.2	114.9	116.6	117.2	120.2	119.2
Purchases of goods and services.....	57.4	62.9	64.7	64.4	64.9	64.3	67.1	65.5
Transfer payments.....	27.4	28.3	29.9	29.6	30.3	31.1	30.7	30.8
To persons.....	25.8	26.7	28.3	28.0	28.6	29.5	29.1	29.1
Foreign (net).....	1.6	1.6	1.6	1.6	1.7	1.5	1.6	1.7
Grants-in-aid to State and local governments.....	7.2	8.0	9.1	9.4	9.9	9.8	10.4	10.6
Net interest paid.....	6.7	7.1	7.7	7.8	7.9	8.3	8.4	8.4
Subsidies less current surplus of government enterprises.....	3.9	4.2	3.8	3.7	3.5	3.7	3.6	3.9
Surplus or deficit (-) on income and product account	-4.3	-4.1	-1.5	-.7	.6	-2.4	-7.8	-5.2
State and local government receipts	54.5	59.5	64.4	64.9	66.7	67.8	69.2	70.6
Personal tax and nontax receipts.....	7.8	8.8	9.6	9.7	9.9	10.2	10.5	10.6
Corporate profits tax accruals.....	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6
Indirect business tax and nontax accruals.....	34.9	37.8	40.2	40.4	41.3	42.1	42.6	43.4
Contributions for social insurance.....	3.2	3.5	3.9	3.9	4.0	4.1	4.2	4.3
Federal grants-in-aid.....	7.2	8.0	9.1	9.4	9.9	9.8	10.4	10.6
State and local government expenditures	54.4	57.3	62.0	62.4	64.0	65.3	66.9	68.3
Purchases of goods and services.....	50.6	53.5	57.9	58.4	59.9	60.9	62.5	64.1
Transfer payments to persons.....	5.4	5.6	6.0	6.0	6.1	6.3	6.4	6.4
Net interest paid.....	.8	.8	.8	.8	.8	.9	.9	.9
Less: Current surplus of government enterprises.....	2.4	2.6	2.8	2.8	2.8	2.8	2.9	3.0
Surplus or deficit (-) on income product account.....	.1	2.1	2.4	2.4	2.7	2.4	2.3	2.3

¹ Revised.

¹ See footnote table 2.

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

[Billions of dollars]

	1961	1962	1963	1963		1964		
				III	IV	I	II	III
				Seasonally adjusted at annual rates				
Goods and services total	337.3	356.8	375.0	377.4	381.3	390.0	396.1	404.6
Durable goods, total	43.7	48.4	52.1	52.2	53.6	55.9	57.0	58.7
Automobiles and parts.....	17.1	20.6	22.7	22.6	23.2	24.3	24.1	25.6
Furniture and household equipment.....	19.3	20.2	21.4	21.6	22.3	23.1	24.2	24.2
Other.....	7.3	7.6	8.0	8.0	8.2	8.5	8.8	8.8
Nondurable goods, total	155.4	162.0	167.5	168.6	168.9	172.9	175.3	179.5
Food and beverages.....	81.3	84.6	87.1	87.3	87.8	89.7	90.6	92.8
Clothing and shoes.....	28.7	29.9	30.7	31.3	30.9	32.1	33.2	33.8
Gasoline and oil.....	11.9	12.3	12.8	12.9	13.0	13.3	13.5	13.5
Other.....	33.6	35.2	36.9	37.1	37.3	37.8	38.0	39.3
Services, total	138.3	146.4	155.3	156.6	158.8	161.1	163.8	166.4
Housing.....	44.2	46.5	48.9	49.2	49.8	50.5	51.1	51.8
Household operation.....	20.4	21.6	22.7	22.9	23.0	23.5	24.0	24.5
Transportation.....	10.7	11.3	11.7	11.7	11.8	12.0	12.0	12.2
Other.....	63.0	67.0	72.0	72.7	74.1	75.1	76.6	77.7

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

[Billions of dollars]

	1961	1962	1963	1963		1964		
				III	IV	I	II	III
				Seasonally adjusted at annual rates				
Receipts from abroad	27.6	29.2	30.7	31.0	32.6	34.5	33.7	35.7
Exports of goods and services.....	27.6	29.2	30.7	31.0	32.6	34.5	33.7	35.7
Payments to abroad	27.6	29.2	30.7	31.0	32.6	34.5	33.7	35.7
Imports of goods and services.....	23.0	25.2	26.3	26.8	26.9	26.8	27.9	28.7
Net transfer payments by government.....	1.6	1.6	1.6	1.6	1.7	1.5	1.6	1.7
Net foreign investment.....	3.0	2.4	2.8	2.6	4.1	6.2	4.1	5.2

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

[Billions of dollars]

	1961	1962	1963	1963		1964		
				III	IV	I	II	III
				Seasonally adjusted at annual rates				
Gross private saving	78.5	85.3	86.7	87.2	89.6	93.7	99.2	106.8
Personal saving.....	27.3	27.8	27.5	27.0	29.9	29.5	34.0	31.0
Undistributed corporate profits.....	6.7	8.5	8.7	8.9	9.2	11.8	12.1	12.0
Corporate inventory valuation adjustment.....	-.1	.3	-.4	.2	-1.2	-.2	-.1	.1
Capital consumption allowances.....	44.5	48.7	50.8	51.2	51.7	52.5	53.1	53.7
Excess of wage accruals over disbursements.....	0	0	0	0	0	0	0	.1
Government surplus on income and product transactions	-4.2	-1.9	.9	1.7	3.3	0	-5.5	-2.9
Federal.....	-4.3	-4.1	-1.5	-.7	.6	-2.4	-7.8	-5.2
State and local.....	.1	2.1	2.4	2.4	2.7	2.4	2.3	2.3
Gross investment	71.8	81.5	84.8	85.4	91.1	92.1	91.3	92.5
Gross private domestic investment.....	68.8	79.1	82.0	82.8	87.1	85.9	87.2	87.3
Net foreign investment.....	3.0	2.4	2.8	2.6	4.1	6.2	4.1	5.2
Statistical discrepancy	-2.6	-1.8	-2.7	-3.5	-1.8	-1.6	-2.4	-1.4

¹ Revised.

¹ See footnote table 2.

Current BUSINESS STATISTICS



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.

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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																	

GENERAL BUSINESS INDICATORS—Quarterly Series

NATIONAL INCOME AND PRODUCT																
National income, total†.....bil. \$	426.9	455.0	478.5	429.7	442.4	447.2	454.3	457.8	463.2	467.9	474.6	481.9	490.0	498.4	507.1	* 514.5
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	364.8
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	334.4
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	* 269.4
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	11.8
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	53.2
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	30.4
Proprietors' income, total‡.....do.	48.2	49.8	50.6	48.5	49.0	50.0	49.9	49.7	49.7	50.3	50.1	50.7	51.5	51.2	51.7	52.1
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	38.0	39.1	39.6
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	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	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	57.9	* 58.1
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	57.9	* 58.0
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	24.3	24.5	26.0	25.4	26.0	* 26.0
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	31.9	* 32.0
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	19.8	* 20.0
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	9.2	11.8	12.1	11.8	* 12.0
Inventory valuation adjustment.....do.	-1.1	-3.1	-4.4	-3.3	-3.3	-1.1	-1.0	-1.1	-1.9	-2.2	-1.9	-2.2	-1.2	-1.2	-1.1	* -1.1
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	27.1
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	618.0	* 628.4
Personal consumption expenditures, total.....do.	337.3	356.8	375.0	336.1	345.2	350.5	354.9	358.5	364.0	369.2	372.0	377.4	381.3	390.0	396.1	* 404.6
Durable goods, total §.....do.	45.7	48.4	52.1	44.3	46.0	47.4	47.7	48.4	50.2	51.1	51.5	52.2	53.0	55.9	57.0	* 58.7
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	* 25.6
Furniture and household equipment.....do.	19.3	20.2	21.4	16.9	19.9	26.1	19.9	20.3	20.6	20.8	21.0	21.6	22.3	23.1	24.2	* 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	175.3	* 179.5
Clothing and shoes.....do.	38.7	29.6	30.7	25.7	29.4	29.7	29.7	30.0	30.2	29.4	30.1	31.3	30.9	32.1	33.2	* 33.8
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	* 92.8
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	* 13.5
Services, total §.....do.	138.3	146.4	156.3	139.1	141.4	143.6	145.3	147.2	149.5	152.1	153.9	156.6	158.8	161.1	163.8	* 166.4
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	23.6	23.5	24.0	* 24.8
Housing.....do.	44.2	46.5	48.9	44.4	45.0	45.6	46.2	46.8	47.5	48.0	48.0	49.2	49.8	50.5	51.1	* 51.8
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	* 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	87.2	* 87.3
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	46.2	48.9	* 48.9
Residential nonfarm.....do.	21.1	25.6	25.2	21.5	22.3	22.5	23.5	24.4	24.0	24.3	25.1	25.4	26.2	26.9	26.2	* 25.7
Producers' durable equipment.....do.	25.9	29.0	31.3	26.2	27.4	28.1	28.8	29.0	29.7	29.6	30.7	31.4	32.4	34.2	34.6	* 35.6
Change in business inventories.....do.	1.9	5.9	4.4	2.7	5.6	6.9	5.1	5.1	5.4	3.6	3.6	4.2	6.4	2.5	3.7	* 2.8
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	3.4	* 2.7
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	5.7	* 7.0
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	33.7	* 33.7
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	27.9	* 28.7
Govt. purchases of goods and services, total.....do.	108.0	116.3	122.6	107.9	112.6	114.3	116.1	118.9	118.7	121.4	120.9	122.8	124.8	125.2	129.6	* 129.5
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	67.1	* 65.5
National defense §.....do.	49.0	53.6	55.2	48.6	50.9	52.5	55.3	53.0	55.5	54.8	55.2	55.5	55.3	54.0	57.0	* 55.2
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	* 64.1
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	625.7
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	310.5
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	120.7
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	189.8
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	246.0
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	69.2
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	2.8
Durable goods.....do.	-1.1	3.0	2.2	2.3	3.6	3.9	3.1	3.1	1.8	1.5	2.7	1.5	3.0	-0.7	2.5	1.3
Nondurable goods.....do.	2.0	2.9	2.2	1.4	2.0	2.9	3.0	2.0	3.6	2.0	0.9	2.7	3.4	1.8	1.2	1.5

* Revised. † 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.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the edition of BUSINESS STATISTICS	1961	1962	1963	1961	1962				1963				1964			
	Annual total			IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
GENERAL BUSINESS INDICATORS—Quarterly Series—Continued																
NATIONAL INCOME AND PRODUCT—Con.																
<i>Quarterly Data Seasonally Adjusted at Annual Rates</i>																
GNP in constant (1954) dollars																
Gross national product, total..... bil. \$.	447.9	476.4	492.6	462.5	469.1	475.1	478.3	483.0	485.4	487.9	494.8	502.0	508.0	513.5	519.6	
Personal consumption expenditures, total..... do.....	303.8	318.5	330.6	310.0	314.2	316.6	319.8	323.6	327.0	328.6	332.4	334.4	340.9	345.0	351.8	
Durable goods..... do.....	41.4	45.7	49.3	43.7	44.8	44.9	45.6	47.6	48.5	48.6	49.4	50.8	53.1	54.0	55.6	
Nondurable goods..... do.....	143.5	148.3	151.6	145.6	146.6	147.8	149.1	149.5	150.7	151.1	152.5	152.1	155.2	157.4	160.9	
Services..... do.....	118.9	124.5	129.7	120.8	122.7	123.8	125.0	126.5	127.8	128.9	130.6	131.6	132.6	133.7	135.3	
Gross private domestic investment, total..... do.....	57.4	65.9	67.7	62.7	64.8	65.8	66.3	66.5	64.7	66.2	68.1	71.7	70.1	70.8	70.4	
New construction..... do.....	34.3	36.7	37.9	35.2	35.5	36.6	37.5	37.0	36.8	37.5	38.2	39.0	39.6	39.2	38.6	
Producers' durable equipment..... do.....	21.4	24.0	25.6	22.7	23.2	23.8	24.4	24.7	24.6	25.4	25.9	26.8	28.1	28.3	29.2	
Change in business inventories..... do.....	1.7	5.2	4.1	4.8	6.1	5.4	4.4	4.9	3.4	3.3	4.0	5.9	2.4	3.3	2.5	
Net exports of goods and services..... do.....	2.5	2.2	2.2	2.1	1.3	2.8	2.8	2.1	1.3	2.1	2.0	3.5	5.4	3.4	4.5	
Govt. purchases of goods and services, total..... do.....	84.3	89.8	92.1	87.7	88.8	89.9	89.4	90.7	92.4	91.0	92.3	92.4	91.6	94.3	92.8	
Federal..... do.....	44.8	49.4	49.7	47.0	48.4	50.2	49.2	49.9	50.7	49.4	49.6	48.9	47.8	49.8	47.8	
State and local..... do.....	39.4	40.3	42.4	40.7	40.4	39.8	40.2	40.9	41.8	41.7	42.7	43.4	43.8	44.5	45.0	
DISPOSITION OF PERSONAL INCOME†																
<i>Quarterly Data Seasonally Adjusted at Annual Rates</i>																
Personal income, total..... bil. \$.	417.6	442.4	464.1	428.6	434.7	441.0	444.5	449.7	455.2	460.2	466.3	474.5	480.9	487.0	494.5	
Less: Personal tax and nontax payments..... do.....	52.9	57.9	61.6	54.4	56.1	57.6	58.5	59.3	60.1	61.1	61.9	63.3	61.4	57.7	58.8	
Equals: Disposable personal income..... do.....	364.7	384.6	402.5	374.2	378.5	383.4	386.0	390.4	395.1	399.1	404.4	411.2	419.5	430.2	435.6	
Personal saving \$..... do.....	27.3	27.8	27.5	29.1	28.0	29.4	27.5	26.4	25.9	27.1	27.0	29.9	29.5	34.0	31.0	
NEW PLANT AND EQUIPMENT EXPENDITURES																
Unadjusted quarterly or annual totals:																
All industries..... bil. \$.	34.37	37.31	39.22	9.54	8.02	9.50	9.62	10.18	8.25	9.74	10.14	11.09	9.40	11.11	11.28	12.43
Manufacturing..... do.....	13.68	14.68	15.69	3.88	3.14	3.69	3.72	4.13	3.27	3.92	3.95	4.56	3.79	4.53	4.64	5.30
Durable goods industries..... do.....	6.27	7.03	7.85	1.79	1.44	1.77	1.79	2.03	1.62	1.96	1.96	2.31	1.93	2.30	2.31	2.66
Nondurable goods industries..... do.....	7.40	7.65	7.84	2.09	1.69	1.92	1.93	2.10	1.65	1.95	1.99	2.25	1.87	2.23	2.33	2.64
Mining..... do.....	.98	1.08	1.04	.26	.26	.27	.28	.27	.24	.26	.27	.28	.26	.29	.29	.28
Railroads..... do.....	.67	.85	1.10	.16	.16	.26	.24	.20	.21	.28	.29	.33	.32	.36	.34	.44
Transportation, other than rail..... do.....	1.85	2.07	1.92	.50	.47	.60	.50	.50	.39	.54	.54	.54	.51	.63	.56	.61
Public utilities..... do.....	5.52	5.48	5.65	1.54	1.06	1.37	1.54	1.52	1.04	1.40	1.60	1.61	1.18	1.58	1.63	1.69
Communications..... do.....	3.22	3.63	3.79	.88	.88	.93	.87	.95	.85	.95	.93	1.06	.97	1.10		
Commercial and other..... do.....	8.46	9.52	10.03	2.32	2.06	2.37	2.48	2.60	2.26	2.41	2.64	2.72	2.37	2.61	3.81	4.11
Seas. adj. qtrly. totals at annual rates:																
All industries..... do.....				35.40	35.70	36.95	38.35	37.95	36.95	38.05	40.00	41.20	42.55	43.50	44.55	46.15
Manufacturing..... do.....				14.00	14.20	14.45	15.05	15.00	14.85	15.30	15.95	16.45	17.40	17.80	18.70	19.05
Durable goods industries..... do.....				6.40	6.55	6.95	7.25	7.30	7.35	7.65	8.00	8.30	8.85	9.00	9.35	9.50
Nondurable goods industries..... do.....				7.60	7.60	7.50	7.80	7.70	7.50	7.65	8.00	8.15	8.55	8.80	9.35	9.55
Mining..... do.....				1.00	1.15	1.05	1.10	1.00	1.05	1.00	1.05	1.05	1.15	1.15	1.15	1.10
Railroads..... do.....				.60	.70	.95	1.00	.80	.90	1.00	1.20	1.35	1.40	1.40	1.40	1.90
Transportation, other than rail..... do.....				1.95	2.05	2.25	2.00	1.90	1.70	2.05	1.85	2.10	2.30	2.25	2.25	2.45
Public utilities..... do.....				5.55	5.15	5.40	5.75	5.45	5.20	5.45	5.90	5.80	5.95	6.30	6.00	6.00
Communications..... do.....				3.35	3.70	3.65	3.60	3.60	3.55	3.65	3.85	4.05	4.05	4.30		
Commercial and other..... do.....				9.00	8.75	9.25	9.85	10.20	9.65	9.65	10.20	10.45	10.25	10.45	15.10	15.60
BUSINESS POPULATION																
Firms in operation, end of quarter (seasonally adjusted)..... thous.	4,713	4,755	4,797	4,770	4,780	4,790	4,800	4,815	4,825	4,835	4,850	4,860	4,875	4,895	4,910	
U.S. BALANCE OF INTERNATIONAL PAYMENTS‡																
<i>Quarterly Data are Seasonally Adjusted</i>																
U.S. payments, recorded..... mil. \$.	31,791	33,486	35,990	8,616	8,447	8,151	8,312	8,576	8,724	9,713	8,482	9,071	9,219	9,742		
Imports:																
Merchandise..... do.....	14,497	16,134	16,996	3,881	3,948	4,058	4,088	4,040	4,037	4,212	4,368	4,379	4,366	4,576	4,740	
Military expenditures..... do.....	2,954	3,044	2,897	714	758	749	745	792	747	731	708	717	731	731		
Other services..... do.....	5,401	5,843	6,442	1,389	1,412	1,462	1,465	1,504	1,543	1,588	1,654	1,657	1,662	1,702		
Remittances and pensions..... do.....	705	738	826	174	187	189	177	185	209	209	206	202	197	208		
Govt. grants and capital outflows..... do.....	4,054	4,293	4,522	1,206	1,074	1,065	1,066	1,088	1,060	1,336	1,009	1,117	923	1,130		
U.S. private capital (net)..... do.....	4,180	3,434	4,307	1,252	1,068	628	771	967	1,128	1,637	534	1,008	1,354	1,395		
Direct investments..... do.....	1,599	1,654	1,888	377	260	446	417	531	618	477	235	558	517	513		
Long-term portfolio..... do.....	1,025	1,227	1,685	445	390	303	208	326	546	598	303	238	227	261		
Short-term..... do.....	1,556	553	734	430	418	-121	146	110	-36	562	-4	212	610	621		
U.S. receipts, recorded..... do.....	30,419	32,394	33,685	7,717	7,706	7,925	8,408	8,355	7,780	8,429	8,596	8,880	9,326	9,040		
Exports:																
Merchandise..... do.....	19,913	20,576	21,989	5,121	5,032	5,237	5,288	5,019	4,990	5,472	5,610	5,917	6,112	6,042	6,390	
Services and military sales..... do.....	8,525	9,508	10,031	2,187	2,198	2,397	2,339	2,574	2,545	2,505	2,427	2,554	2,885	2,756		
Repayments on U.S. Govt. loans..... do.....	1,274	1,280	969	196	150	237	606	287	166	190	424	189	216	188		
Foreign capital other than liquid funds (net)..... do.....	707	1,030	696	213	326	54	175	475	79	262	135	220	113	54		
Excess of recorded receipts or payments (-)..... do.....	-1,372	-1,092	-2,305	-899	-741	-226	96	-221	-944	-1,284	114	-191	107	-702		
Unrecorded transactions (net)..... do.....	-998	-1,111	-339	-332	-7	-214	-430	-460	-118	-11	-267	57	-192	-31		
Total, net receipts or payments (-)..... do.....	-2,370	-2,203	-2,644	-1,231	-748	-440	-334	-681	-1,062	-1,295	-153	-134	-85	-733	-565	
Net receipts or payments (-), incl. transactions in nonmarketable, medium-term convertible Govt. securities..... mil. \$.			-1,942						-712	-1,143	22	-109	-85	-611	-362	

† Revised. ‡ Preliminary.

1 Estimates for July-Sept. 1964 based on anticipated capital expenditures of business.

2 Estimates for Oct.-Dec. 1964 based on anticipated capital expenditures of business.

Anticipated expenditures for the year 1964 are as follows (in bil. \$): All industries, 44.21; manufacturing, total, 18.27; durable goods industries, 9.19; nondurable goods industries, 9.08; mining, 1.12; railroads, 1.46; transportation, 2.31; public utilities, 6.07; commercial and other (incl. communications), 14.98. 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 for earlier qtrs. of 1961 appear on p. 8 ff. of the July 1964 SURVEY).

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

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

7 Revisions for 1960-2d qtr. 1961 appear on p. 10 of the June 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	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

GENERAL BUSINESS INDICATORS—Monthly Series

PERSONAL INCOME, BY SOURCE†															
Seasonally adjusted, at annual rates:†															
Total personal income..... bil. \$.	1442.4	1464.1	468.9	472.7	473.8	477.1	477.8	480.5	482.9	486.6	487.8	489.3	491.4	494.9	497.9
Wage and salary disbursements, total..... do.....	297.1	312.1	316.0	318.2	318.3	320.0	320.8	323.6	325.1	327.7	328.7	330.1	331.8	334.6	337.2
Commodity-producing industries, total..... do.....	118.5	123.3	125.0	125.4	125.1	126.0	125.6	127.1	127.4	128.8	128.7	129.4	129.9	130.8	132.1
Manufacturing only..... do.....	94.2	98.0	99.4	99.7	99.7	100.2	100.0	100.7	101.1	102.3	102.3	102.7	103.0	103.8	105.1
Distributive industries..... do.....	76.6	80.3	81.5	81.8	81.8	82.0	82.4	82.8	83.1	83.7	84.2	84.6	85.2	85.7	86.3
Service industries..... do.....	46.4	49.3	49.9	50.0	50.1	50.5	50.8	51.4	51.9	52.1	52.3	52.4	52.6	52.9	53.4
Government..... do.....	55.6	59.2	59.7	61.0	61.3	61.5	62.1	62.4	62.7	63.0	63.4	63.8	64.1	65.1	65.4
Other labor income..... do.....	12.3	13.1	13.3	13.4	13.5	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.3	14.4
Proprietors' income:															
Business and professional..... do.....	36.6	37.6	37.9	38.2	38.2	38.4	38.3	38.7	38.8	39.0	39.1	39.3	39.5	39.6	39.7
Farm..... do.....	13.2	13.0	12.9	13.2	13.2	13.2	12.8	12.6	12.4	12.5	12.6	12.6	12.4	12.6	12.7
Rental income of persons..... do.....	12.2	12.3	12.4	12.4	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	18.0	18.5	18.8	20.1	19.3	19.4	19.6	19.8	19.8	19.9	20.0	20.0	19.9
Personal interest income..... do.....	30.0	32.9	33.7	34.0	34.2	34.4	34.7	35.0	35.3	35.5	35.7	35.9	36.0	36.2	36.5
Transfer payments..... do.....	34.7	36.7	36.6	37.1	37.2	37.2	37.2	37.5	37.8	38.2	38.0	37.6	37.8	38.0	38.2
Less personal contributions for social insurance..... bil. \$.	10.3	11.8	11.8	12.1	11.9	12.1	12.2	12.3	12.4	12.5	12.5	12.6	12.7	12.8	12.9
Total nonagricultural income..... do.....	424.9	446.6	451.6	455.1	456.1	459.5	462.1	463.5	466.1	469.7	470.7	472.1	474.4	477.8	480.6
FARM INCOME AND MARKETINGS‡															
Cash receipts from farming, including Government payments (48 States), total..... mil. \$.	3,151	3,218	3,843	5,338	4,324	3,473	3,454	2,511	2,610	2,533	2,314	2,512	2,726	3,431	3,743
Farm marketings and CCC loans, total..... do.....	3,006	3,077	3,512	4,727	4,201	3,425	3,372	2,354	2,414	2,434	2,294	2,495	2,683	2,925	3,483
Crops..... do.....	1,339	1,420	1,806	2,701	2,463	1,880	1,692	870	773	787	723	970	1,121	1,315	1,717
Livestock and products, total..... do.....	1,668	1,657	1,706	2,026	1,738	1,539	1,681	1,484	1,641	1,652	1,571	1,525	1,562	1,610	1,766
Dairy products..... do.....	403	403	383	403	399	409	417	398	432	427	452	418	406	396	587
Meat animals..... do.....	971	952	1,006	1,277	1,026	823	950	809	896	931	819	817	873	962	1,050
Poultry and eggs..... do.....	269	275	298	330	309	285	277	241	262	256	260	254	272	296	361
Indexes of cash receipts from marketings and CCC loans, unadjusted:†															
All commodities..... 1957-59=100.....	112	115	131	176	156	128	128	88	90	91	85	93	100	109	130
Crops..... do.....	117	124	158	236	215	165	148	76	68	65	65	85	98	115	130
Livestock and products..... do.....	108	108	111	132	113	100	109	96	107	107	102	99	101	105	125
Indexes of volume of farm marketings, unadjusted:†															
All commodities..... 1957-59=100.....	111	115	131	176	159	131	123	89	90	91	88	101	110	117	130
Crops..... do.....	112	118	151	227	210	160	145	70	56	52	48	84	107	120	131
Livestock and products..... do.....	110	113	115	138	121	110	115	103	115	120	117	114	112	114	122
INDUSTRIAL PRODUCTION‡															
Federal Reserve Index of Quantity Output															
Unadj., total index (incl. utilities)‡, 1957-59=100.....	118.3	124.3	128.3	129.9	127.0	124.7	125.7	128.3	129.0	131.7	132.3	133.9	127.6	132.9	136.7
By industry groupings:															
Manufacturing, total..... do.....	118.7	124.9	128.8	131.2	128.2	125.2	125.8	129.1	130.0	133.0	133.7	135.2	127.9	133.0	137.6
Durable manufactures..... do.....	117.9	124.5	126.6	129.3	128.4	127.3	126.7	129.5	131.3	134.1	134.8	136.4	128.8	129.7	136.9
Nondurable manufactures..... do.....	119.8	125.3	131.5	133.6	128.0	122.6	124.7	128.5	128.4	131.7	132.3	133.6	126.7	137.2	138.5
Mining..... do.....	105.0	107.9	111.3	111.0	108.1	107.9	107.9	108.3	107.6	109.8	111.7	112.6	107.0	113.0	114.3
Utilities..... do.....	131.4	140.0													
By market groupings:															
Final products, total..... do.....	119.7	124.9	129.9	131.8	127.6	125.5	126.7	128.5	128.5	130.7	130.5	133.3	127.5	131.3	136.7
Consumer goods..... do.....	119.7	125.2	131.7	134.1	128.3	124.0	126.1	128.9	127.7	130.3	130.0	133.2	126.3	131.3	137.7
Automotive and home goods..... do.....	125.9	134.4	135.4	148.6	147.7	141.7	138.7	144.4	144.1	148.3	145.9	149.6	128.6	117.1	144.3
Apparel and staples..... do.....	117.8	122.3	130.5	129.5	122.2	118.3	122.1	124.0	122.5	124.6	124.9	127.9	125.6	135.9	135.6
Equipment, including defense..... do.....	119.6	124.2	126.2	126.8	126.1	128.8	128.0	127.5	130.1	131.5	131.8	133.5	130.1	131.3	134.4
Materials..... do.....	117.0	123.7	126.8	128.2	126.5	123.9	124.9	128.1	129.6	132.6	133.9	134.5	127.8	134.2	136.8
Durable goods materials..... do.....	114.1	121.2	124.1	125.4	123.3	121.1	121.1	125.3	127.4	131.2	133.9	134.9	127.7	132.6	136.2
Nondurable materials..... do.....	120.0	126.3	129.5	131.2	129.8	126.9	128.8	131.0	131.8	134.0	133.9	134.1	127.8	135.9	137.4
Seas. adj., total index (incl. utilities)‡..... do.....	118.3	124.3	125.7	126.1	126.1	127.0	127.7	128.2	129.0	130.5	131.3	131.6	132.9	133.8	134.0
By industry groupings:															
Manufacturing, total..... do.....	118.7	124.9	126.2	126.8	126.9	127.9	128.5	129.1	129.9	131.4	132.2	132.4	133.9	134.6	134.7
Durable manufactures..... do.....	117.9	124.5	126.6	129.3	128.4	127.3	126.7	129.5	131.3	134.1	134.8	136.4	128.8	129.7	136.9
Primary metals..... do.....	104.6	113.3	107.8	108.5	109.7	110.5	113.6	117.6	120.9	123.8	127.1	128.1	131.2	132.8	132.5
Iron and steel..... do.....	100.6	109.6	100.0	101.5	103.5	104.9	108.3	114.5	118.1	123.7	127.8	125.2	130.4	132.2	129.3
Nonferrous metals and products..... do.....	119.1	126.7	130.3	131.2	133.1	134.7	132.2	139.9	142.6	138.6	135.0	132.8	135.9	133.0	136.4
Fabricated metal products..... do.....	117.1	123.4	125.6	126.8	126.0	126.8	128.2	129.0	129.3	129.5	130.3	130.6	133.3	134.8	134.6
Structural metal parts..... do.....	113.2	120.2	122.5	123.0	123.1	122.9	124.4	126.0	127.8	129.2	128.1	129.6	131.2	131.0	131.7
Machinery..... do.....	123.5	129.2	131.9	131.7	132.8	133.9	134.7	133.6	135.9	137.5	138.5	140.1	141.9	142.8	144.2
Nonelectrical machinery..... do.....	119.7	126.9	130.2	131.3	132.1	133.5	135.2	132.9	136.7	138.1	139.6	141.9	143.6	144.1	145.0
Electrical machinery..... do.....	128.5	132.3	134.0	132.2	133.7	134.4	134.0	134.5	134.9	136.8	137.0	137.7	139.7	141.1	143.1
Transportation equipment..... do.....	118.3	127.0	129.4	130.0	129.6	131.3	130.8	131.1	130.1	133.0	134.1	134.9	134.3	135.3	130.9
Motor vehicles and parts..... do.....	134.1	146.1	149.1	149.8	149.8	151.9	151.9	153.0	151.1	155.2	157.4	158.3	158.6	160.9	150.1
Aircraft and other equipment..... do.....	103.9	109.5	111.2	111.8	111.1	112.2	111.1	110.8	110.6	112.0	112.8	113.4	111.7	111.5	112.7
Instruments and related products..... do.....	123.0	130.2	132.4	132.5	131.9	132.7	132.2	133.6	134.2	134.7	134.6	134.8	136.4	137.4	138.6
Clay, glass, and stone products..... do.....	111.1	117.5	118.1	120.4	120.3	120.5	121.2	124.1	125.3	125.2	124.3	126.6	126.4	125.6	126.9
Lumber and products..... do.....	106.1	108.9	110.5	112.2	111.8	111.0	112.2	117.3	116.1	115.4	114.9	109.0	116.1	114.1	109.4
Furniture and fixtures..... do.....	126.7	133.1	135.3	135.3	136.4	137.6	137.3	138.1	139.0	139.8	140.5	142.8	143.2	144.4	144.1
Miscellaneous manufactures..... do.....	122.2	125.0	126.8	126.2	127.1	127.6	128.6	129.7	130.4	131.4	131.9	133.2	133.8	133.3	132.6
Nondurable manufactures..... do.....	119.8	125.3	127.0	127.7	127.6	128.7	128.9	129.4	129.8	131.1	131.7	131.5	132.5	133.1	134.0</

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

GENERAL BUSINESS INDICATORS—Continued

INDUSTRIAL PRODUCTION—Continued																
Federal Reserve Index of Quantity Output—Con.																
Seasonally adjusted indexes—Continued																
By Industry groupings—Continued																
Nondurable manufactures—Continued																
Printing and publishing.....1967-59=100	114.6	116.4	118.4	117.9	117.7	121.3	119.5	121.2	121.8	123.6	123.9	124.1	124.5	124.3	123.0	123
Newspapers.....do	108.5	108.0	113.7	111.9	113.2	119.2	113.9	114.5	115.2	117.2	117.1	117.2	120.0	118.3	115.9	
Chemicals and products.....do	136.1	148.6	152.5	153.5	153.6	154.5	154.7	154.5	155.2	157.0	156.7	159.6	158.7	160.9	164.4	
Industrial chemicals.....do	147.6	162.7	166.7	168.3	169.3	171.4	173.1	173.3	174.9	176.7	173.7	176.3	177.1	178.9		
Petroleum products.....do	112.9	117.1	117.0	119.0	118.5	116.6	116.0	119.1	119.7	120.8	122.0	122.1	124.6	121.2	120.0	
Rubber and plastics products.....do	130.6	140.0	142.6	145.0	144.3	144.3	145.0	145.3	145.1	149.4	152.2	153.4	155.2	158.2		
Foods and beverages.....do	113.5	116.9	116.9	118.1	117.3	119.1	120.8	120.6	120.3	120.6	120.0	119.6	120.0	119.2	120.3	
Food manufactures.....do	113.8	116.8	117.2	117.7	117.5	119.2	121.3	119.8	119.7	120.0	120.2	119.5	118.9	119.2	119.2	
Beverages.....do	111.5	117.8	115.1	120.5	116.3	118.7	118.4	125.0	123.8	124.1	119.2	120.1	125.8	127.6		
Tobacco products.....do	112.0	115.2	115.7	114.1	114.6	114.9	112.7	105.6	118.2	127.5	129.2	118.1	127.5	121.4		
Mining.....do	105.0	107.9	109.9	108.6	107.5	107.3	108.8	108.9	108.8	109.9	111.3	111.4	110.9	111.9	111.7	
Coal.....do	95.3	102.5	105.6	103.9	102.2	105.1	104.0	99.2	94.5	98.7	106.1	105.1	105.0	107.9	105.1	109.7
Crude oil and natural gas.....do	105.5	107.9	109.9	108.5	107.2	106.2	108.3	109.1	109.7	110.0	110.7	110.8	111.1	111.3	113.8	111
Crude oil.....do	105.1	108.1	109.8	109.1	108.1	106.6	108.5	107.8	109.0	109.6	110.1	110.2	110.3	109.8	113.1	111
Metal mining.....do	112.6	112.3	112.4	111.9	112.2	112.9	116.4	118.8	119.8	124.2	119.4	119.2	107.7	112.2	111.2	
Stone and earth minerals.....do	109.7	112.1	113.4	113.5	113.8	113.4	113.5	114.7	115.0	114.3	116.8	119.2	120.2	121.7	119.6	
Utilities.....do	131.4	140.0	142.1	142.3	142.1	143.0	144.5	143.4	144.8	147.5	148.3	149.7	151.4	154.5	155.0	156.0
Electric.....do	133.0	142.6	145.2	145.4	145.0	146.1	148.3	146.5	148.3	151.3	152.3	153.6	155.5	159.2		
Gas.....do	126.4	131.9	132.4	132.5	132.9	133.3	133.9	134.6	135.2	136.0	136.8	137.7				
By market groupings: Ⓞ																
Final products, total.....do	119.7	124.9	126.3	127.2	127.0	128.0	128.5	128.1	128.7	130.6	131.1	131.7	132.3	133.4	132.6	130.7
Consumer goods.....do	119.7	125.2	126.4	127.4	126.9	128.0	128.9	128.8	128.8	130.8	131.0	131.5	132.1	133.1	131.9	128.7
Automotive and home goods.....do	125.9	134.4	136.4	137.3	138.4	139.1	139.7	140.7	139.7	142.4	142.9	143.5	145.0	146.5	142.0	126
Automotive products.....do	131.1	141.2	143.0	145.8	145.8	146.1	146.6	145.5	144.3	149.3	151.4	151.7	152.6	155.8	144.7	103
Autos.....do	135.9	149.5	153.3	154.8	155.1	155.6	155.3	156.5	152.5	160.0	160.3	161.7	162.6	165.0	146.0	83
Auto parts and allied products.....do	125.0	130.2	129.5	134.0	133.6	133.5	135.2	131.1	133.4	135.2	139.6	138.4	139.3	143.8	142.9	
Home goods Ⓞ.....do	122.2	129.6	131.8	131.3	133.3	134.2	134.8	137.3	136.4	137.7	136.9	137.8	139.7	140.0	140.4	
Appliances, TV, and radios.....do	118.2	125.1	128.1	125.8	128.5	128.5	127.5	131.3	128.7	130.7	129.7	131.0	131.1	133.2	137.4	
Furniture and rugs.....do	123.9	131.3	132.1	133.0	134.5	135.4	136.1	138.1	139.0	139.7	141.0	141.9	144.7	144.0	141.0	
Apparel and staples.....do	117.8	122.3	123.2	124.2	123.3	124.5	125.5	125.0	124.6	127.2	127.2	127.7	128.0	128.9	128.7	130
Apparel, incl. knit goods and shoes.....do	114.5	117.6	118.0	120.0	120.0	120.2	120.4	120.7	118.7	121.5	123.2	123.4	124.0	124.9		
Consumer staples.....do	118.7	123.7	124.7	125.4	124.2	125.7	127.0	126.2	126.3	128.8	128.3	128.9	129.1	130.0	130.0	131
Processed foods.....do	113.7	116.6	116.7	117.7	117.0	118.9	121.4	120.2	118.4	120.8	120.2	119.4	118.4	118.7		
Beverages and tobacco.....do	111.6	116.9	115.3	118.3	115.7	117.4	116.5	118.5	121.9	125.2	122.6	119.4	126.4	125.5		
Drugs, soap, and toiletries.....do	130.0	140.1	144.5	144.0	142.0	142.7	142.2	140.1	140.1	142.8	144.5	150.5	146.7	149.1	152.6	
Newspapers, magazines, books.....do	116.7	117.8	117.9	117.8	117.2	120.4	121.5	123.7	125.1	126.7	124.7	125.5	123.5	123.2	121.3	
Consumer fuel and lighting.....do	126.3	133.5	135.8	135.6	134.7	135.2	136.5	134.7	136.2	138.5	138.7	140.6	142.8	145.7		
Equipment, including defense Ⓞ.....do	119.6	124.2	126.0	127.0	127.1	128.1	127.9	127.1	128.8	130.7	131.3	132.0	132.7	133.9	134.1	135.0
Business equipment.....do	122.1	128.3	130.7	131.8	132.6	132.9	132.9	131.9	134.2	136.5	138.0	139.0	140.0	141.6	141.7	143
Industrial equipment.....do	117.2	123.0	125.6	126.6	127.4	128.6	128.9	127.9	131.9	133.9	135.7	137.6	138.5	139.6	140.4	
Commercial equipment.....do	143.1	142.4	141.6	141.2	139.0	140.2	141.6	140.4	141.0	143.1	141.9	143.7	145.7	145.5	147.6	
Freight and passenger equipment.....do	117.2	132.2	137.5	139.2	139.7	139.9	137.0	137.8	135.8	140.8	143.9	141.3	141.9	144.9	140.9	
Farm equipment.....do	107.7	121.6	125.7	130.8	134.5	131.6	131.2	126.0	127.6	126.6	130.7	129.1	127.9	139.9	136.6	
Materials.....do	117.0	123.7	125.0	125.5	125.7	125.9	126.7	128.1	129.3	130.6	131.3	131.8	133.6	134.7	135.7	132.7
Durable goods materials Ⓞ.....do	114.1	121.2	122.1	122.3	122.6	122.6	123.0	125.8	127.3	129.0	129.8	130.8	132.7	134.1	135.5	129
Consumer durable.....do	127.5	137.2	138.6	139.6	141.3	142.9	141.9	144.3	141.9	144.1	143.8	148.1	150.2	167.0	153.1	
Equipment.....do	118.9	125.4	127.6	127.8	127.5	128.8	129.2	129.6	130.4	131.6	132.9	133.3	133.8	135.7	137.1	
Construction.....do	110.4	116.3	118.9	118.6	119.0	118.9	119.6	123.2	123.4	123.8	123.5	122.8	125.7	125.7		
Nondurable materials Ⓞ.....do	120.0	126.3	128.0	128.8	128.9	129.3	130.4	130.6	130.8	132.3	132.8	132.9	134.6	135.2	135.9	136
Business supplies.....do	116.5	120.3	120.8	122.5	122.6	123.0	124.4	125.2	124.9	126.1	126.5	124.9	126.9	127.1	126.1	
Containers.....do	117.1	120.2	118.2	122.6	123.9	121.3	125.1	125.5	123.6	127.0	128.2	123.8	125.0	125.6	128.4	
General business supplies.....do	116.3	120.4	122.1	122.5	122.0	123.8	124.0	125.1	125.6	125.7	125.7	125.4	127.9	127.8	126.6	
Business fuel and power Ⓞ.....do	111.7	117.2	118.8	118.4	118.2	118.2	119.1	118.7	118.7	120.7	122.2	122.7	123.0	123.4	124.4	124
Mineral fuels.....do	104.9	109.3	111.3	110.1	109.3	109.0	110.2	109.3	108.9	110.3	112.1	112.2	112.4	112.7	114.4	113
Nonresidential utilities.....do	129.9	138.7	140.2	141.2	141.8	142.3	142.7	143.5	144.5	147.9	148.9	149.7	149.8	150.7		
BUSINESS SALES AND INVENTORIES Ⓢ																
Mfg. and trade sales (seas. adj.), total †.....mil. \$	165,078	168,002	68,029	68,884	68,338	70,026	70,992	71,015	70,649	71,787	72,660	72,187	73,693	73,204	73,126	
Manufacturing, total.....do	33,308	34,774	34,672	35,214	35,004	36,021	36,677	36,235	36,222	37,167	37,186	36,791	37,963	37,168	37,261	
Durable goods industries.....do	17,184	18,071	17,937	18,590	18,272	18,476	19,144	19,027	18,887	19,359	19,138	19,023	19,861	19,164	19,238	
Nondurable goods industries.....do	16,124	16,704	16,735	16,624	16,732	17,545	17,533	17,208	17,335	17,808	18,048	17,768	18,102	18,004	18,096	
Retail trade, total †.....do	6,613	20,536	20,426	20,716	20,558	21,019	21,000	21,533	21,223	21,392	21,777	21,773	21,935	22,266	22,175	
Durable goods stores.....do	6,245	6,675	6,606	6,941	6,734	6,831	6,855	7,262	6,939	7,010	7,215	7,002	7,060	7,324	7,421	
Nondurable goods stores.....do	13,367	13,861	13,820	13,775	13,824	14,188	14,145	14,271	14,284	14,382	14,559	14,771	14,875	14,942		

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

GENERAL BUSINESS INDICATORS—Continued

BUSINESS SALES AND INVENTORIES—Con.																
Inventory-sales ratios:																
Manufacturing and trade, total ¹.....ratio	1.51	1.50	1.52	1.51	1.53	1.50	1.48	1.48	1.50	1.48	1.47	1.48	1.45	1.46	1.47	
Manufacturing, total ¹.....do	1.70	1.69	1.70	1.68	1.71	1.67	1.64	1.66	1.67	1.63	1.63	1.64	1.59	1.63	1.64	
Durable goods industries.....do	1.96	1.94	1.98	1.91	1.95	1.95	1.88	1.89	1.91	1.87	1.90	1.92	1.84	1.92	1.92	
Purchased materials.....do	.62	.59	.61	.59	.60	.59	.57	.57	.57	.56	.57	.57	.55	.57	.57	
Goods in process.....do	.80	.80	.81	.79	.80	.80	.77	.78	.79	.78	.79	.80	.77	.81	.80	
Finished goods.....do	.54	.55	.56	.54	.56	.56	.54	.54	.54	.53	.54	.55	.52	.54	.55	
Nondurable goods industries.....do	1.42	1.41	1.41	1.43	1.44	1.37	1.37	1.40	1.40	1.36	1.34	1.35	1.32	1.33	1.33	
Purchased materials.....do	.60	.59	.58	.59	.59	.56	.55	.56	.56	.54	.53	.53	.51	.52	.52	
Goods in process.....do	.20	.20	.20	.20	.20	.20	.20	.20	.20	.19	.19	.19	.19	.19	.19	
Finished goods.....do	.62	.63	.63	.63	.65	.62	.62	.64	.64	.63	.62	.62	.62	.62	.62	
Retail trade, total ¹.....do	1.38	1.39	1.41	1.40	1.42	1.40	1.41	1.37	1.40	1.40	1.37	1.39	1.37	1.37	1.36	
Durable goods stores.....do	1.82	1.79	1.82	1.75	1.83	1.83	1.85	1.75	1.86	1.86	1.80	1.87	1.83	1.87	1.74	
Nondurable goods stores.....do	1.18	1.20	1.21	1.22	1.22	1.19	1.20	1.18	1.17	1.18	1.16	1.16	1.16	1.15	1.17	
Merchant wholesalers, total ¹.....do	1.19	1.18	1.18	1.20	1.21	1.20	1.19	1.19	1.19	1.20	1.17	1.18	1.16	1.16	1.17	
Durable goods establishments.....do	1.60	1.58	1.57	1.58	1.59	1.58	1.58	1.54	1.52	1.55	1.49	1.52	1.50	1.49	1.52	
Nondurable goods establishments.....do	.90	.90	.91	.92	.94	.94	.92	.93	.95	.95	.94	.93	.91	.92	.92	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Manufacturers' export sales: [*]																
Durable goods industries (unadj.), total.....mil. \$		678	682	756	689	789	683	716	778	781	904	799	681	693	759	
Shipments (not seas. adj.), total.....do	33,308	34,774	36,028	36,821	35,377	34,594	34,110	36,818	37,069	38,091	37,465	38,622	34,774	36,001	38,825	
Durable goods industries, total ¹.....do	17,184	18,071	18,278	19,180	18,457	18,118	17,595	19,208	19,471	20,242	19,781	20,542	17,895	17,707	19,734	
Stone, clay, and glass products.....do	961	947	1,042	1,089	960	798	788	842	873	987	1,017	1,070	984	1,040	1,055	
Primary metals.....do	2,835	2,944	2,788	2,928	2,852	2,745	2,967	3,158	3,223	3,370	3,318	3,333	2,983	3,111	3,321	
Blast furnaces, steel mills.....do	1,522	1,586	1,421	1,484	1,468	1,405	1,591	1,715	1,737	1,843	1,815	1,775	1,668	1,745	1,810	
Fabricated metal products.....do	1,859	1,877	1,986	2,054	1,881	1,807	1,777	1,911	1,906	1,959	1,975	2,075	1,911	2,029	2,090	
Machinery, except electrical.....do	2,366	2,517	2,595	2,544	2,470	2,577	2,489	2,784	2,896	2,957	2,939	3,114	2,683	2,610	2,850	
Electrical machinery.....do	2,301	2,398	2,559	2,522	2,484	2,490	2,254	2,523	2,582	2,498	2,440	2,605	2,305	2,452	2,654	
Transportation equipment.....do	4,453	4,848	4,553	5,268	5,221	5,237	4,940	5,306	5,285	5,619	5,304	5,431	4,387	3,972	4,783	
Motor vehicles and parts.....do	2,806	3,154	2,791	3,544	3,512	3,387	3,311	3,455	3,487	3,748	3,495	3,563	2,762	3,161	3,048	
Instruments and related products.....do	557	583	625	610	610	636	537	599	611	609	604	656	590	636	653	
Nondurable goods industries, total ¹.....do	16,124	16,704	17,750	17,641	16,920	16,476	16,515	17,610	17,598	17,849	17,684	18,080	16,879	18,294	19,091	
Food and kindred products.....do	5,577	5,832	6,241	6,154	5,983	5,913	5,946	6,171	6,120	6,101	6,247	6,429	6,104	6,422	6,770	
Tobacco products.....do	377	383	385	383	394	393	333	339	368	379	399	425	403	416	412	
Textile mill products.....do	1,263	1,378	1,515	1,501	1,456	1,356	1,315	1,457	1,477	1,463	1,428	1,506	1,298	1,523	1,618	
Paper and allied products.....do	1,314	1,355	1,453	1,427	1,359	1,304	1,302	1,398	1,403	1,427	1,390	1,468	1,332	1,458	1,523	
Chemicals and allied products.....do	2,449	2,568	2,736	2,674	2,509	2,369	2,573	2,743	2,803	2,992	2,953	2,854	2,597	2,778	2,972	
Petroleum and coal products.....do	1,433	1,451	1,456	1,442	1,424	1,521	1,492	1,498	1,421	1,484	1,501	1,540	1,516	1,535	1,545	
Rubber and plastics products.....do	710	772	799	856	763	784	767	836	833	901	863	910	759	836	890	
Shipments (seas. adj.), total.....do			34,672	35,214	35,004	36,021	36,677	36,235	36,222	37,167	37,186	36,791	37,963	37,168	37,264	
By industry group:																
Durable goods industries, total ¹.....do			17,937	18,590	18,272	18,476	19,144	19,027	18,887	19,359	19,138	19,023	19,861	19,164	19,258	
Stone, clay, and glass products.....do			938	986	977	953	1,018	999	940	952	929	940	921	921	961	
Primary metals.....do			2,742	2,904	2,892	2,981	3,067	3,034	3,032	3,174	3,154	3,102	3,447	3,216	3,291	
Blast furnaces, steel mills.....do			1,392	1,469	1,512	1,570	1,605	1,649	1,615	1,719	1,732	1,653	1,961	1,770	1,785	
Fabricated metal products.....do			1,855	1,943	1,913	1,910	1,994	2,011	1,967	1,943	1,906	1,908	2,040	1,914	1,966	
Machinery, except electrical.....do			2,610	2,615	2,582	2,652	2,737	2,674	2,696	2,738	2,782	2,838	2,936	2,780	2,864	
Electrical machinery.....do			2,370	2,385	2,369	2,432	2,432	2,463	2,505	2,530	2,530	2,470	2,622	2,502	2,474	
Transportation equipment.....do			4,397	5,158	4,966	4,909	5,117	5,075	5,018	5,281	5,056	5,036	5,008	5,102	4,951	
Motor vehicles and parts.....do			3,155	3,362	3,234	3,123	3,297	3,331	3,310	3,468	3,272	3,271	3,239	3,408	3,220	
Instruments and related products.....do			577	589	594	591	606	593	606	616	611	619	603	661	609	
Nondurable goods industries, total ¹.....do			16,735	16,624	16,732	17,545	17,533	17,208	17,335	17,808	18,048	17,768	18,102	18,004	18,006	
Food and kindred products.....do			5,916	5,870	5,961	6,193	6,247	6,049	6,131	6,202	6,325	6,279	6,310	6,478	6,401	
Tobacco products.....do			377	384	379	403	365	353	387	394	389	397	389	395	403	
Textile mill products.....do			1,401	1,363	1,400	1,466	1,465	1,405	1,460	1,472	1,481	1,432	1,513	1,459	1,484	
Paper and allied products.....do			1,395	1,373	1,366	1,415	1,368	1,362	1,363	1,404	1,395	1,399	1,468	1,420	1,457	
Chemicals and allied products.....do			2,578	2,576	2,578	2,640	2,703	2,735	2,746	2,827	2,818	2,736	2,820	2,793	2,794	
Petroleum and coal products.....do			1,451	1,428	1,409	1,475	1,455	1,474	1,445	1,520	1,546	1,532	1,539	1,517	1,535	
Rubber and plastics products.....do			772	794	781	836	815	836	811	873	853	848	841	854	861	
By market category:																
Home goods and apparel.....do	23,296	23,313	3,201	3,207	3,169	3,473	3,519	3,395	3,387	3,415	3,524	3,459	3,563	3,430	3,464	
Consumer staples.....do	27,002	27,258	7,337	7,288	7,382	7,672	7,686	7,496	7,607	7,766	7,865	7,802	7,919	7,807	7,952	
Equipment and defense prod., excl. auto.....do	4,167	4,242	4,314	4,376	4,386	4,435	4,566	4,483	4,445	4,572	4,618	4,582	4,778	4,548	4,608	
Automotive equipment.....do	3,140	3,571	3,573	3,797	3,535	3,538	3,710	3,728	3,716	3,879	3,676	3,677	3,622	3,827	3,632	
Construction materials and supplies.....do	2,770	2,706	2,762	2,933	2,907	2,811	3,002	3,119	2,967	2,916	2,934	2,906	3,045	2,899	2,984	
Other materials and supplies.....do	12,932	13,594	13,485	13,613	13,625	14,092	14,194	14,014	14,100	14,619	14,569	14,365	15,036	14,457	14,624	
Supplementary market categories:																
Consumer durables.....do	21,336	21,380	1,372	1,368	1,356	1,454	1,469	1,468	1,476	1,483	1,482	1,467	1,550	1,455	1,469	
Defense products.....do	2,091	2,006	2,133	2,167	2,132	2,169	2,231	2,181	2,095	2,233	2,198	2,160	2,187	2,060	2,104	
Machinery and equipment.....do	3,095	3,215	3,272	3,293	3,258	3,362	3,428	3,344	3,409	3,407	3,483	3,506	3,706	3,514	3,615	
Inventories, end of year or month: [†]																
Book value (unadjusted), total.....do	57,419	59,738	58,837	59,026	59,445	59,738	60,094	60,486	60,661	60,807	60,950	60,704	60,214	60,458	60,585	
Durable goods industries, total.....do	33,891	35,565	35,370	35,300	35,359	35,565	35,875	36,173	36,394	36,608	36,785	36,815	36,451	36,684	36,775	
Nondurable goods industries, total.....do	23,528	24,173	23,467	23,726	24,086	24,173	24,219	24,313	24,267	24,199	24,165	23,889	23,763	23,774	23,810	
Book value (seasonally adjusted), total.....do	57,753	60,147	59,887	59,322	59,780	60,147	59,991	60,108	60,326	60,531	60,528	60,398	60,488	60,763	60,948	
By industry group:																
Durable goods industries, total ¹.....do	34,326	36,028	35,536	35,581	35,704	36,028	35,955	36,945	3							

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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

GENERAL BUSINESS INDICATORS—Continued

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	10,917	10,878	10,880	10,879	10,821	10,786	10,817	10,830	10,828	10,866	10,870	10,917	10,950
Primary metals	do	2,333	2,259	2,232	2,251	2,256	2,259	2,233	2,232	2,256	2,280	2,249	2,243	2,227	2,219	2,217
Machinery (elec. and nonelec.)	do	2,988	3,009	3,001	2,954	2,992	3,009	2,989	2,992	2,973	2,962	2,989	3,028	3,052	3,055	3,096
Transportation equipment	do	1,782	1,956	2,012	1,989	1,960	1,956	1,958	1,952	1,967	1,930	1,928	1,911	1,891	1,918	1,896
Work in process ☐	do	14,129	14,857	14,579	14,639	14,648	14,857	14,828	14,875	15,001	15,112	15,127	15,211	15,325	15,442	15,474
Primary metals	do	1,816	1,901	1,852	1,845	1,882	1,901	1,895	1,898	1,926	1,902	1,970	1,969	1,994	2,034	2,005
Machinery (elec. and nonelec.)	do	5,034	5,249	5,172	5,288	5,260	5,249	5,395	5,251	5,255	5,361	5,348	5,385	5,421	5,493	5,555
Transportation equipment	do	4,142	4,467	4,468	4,386	4,363	4,467	4,402	4,499	4,539	4,583	4,523	4,533	4,596	4,640	4,624
Finished goods ☐	do	9,593	10,292	10,040	10,064	10,176	10,292	10,306	10,284	10,261	10,335	10,345	10,415	10,402	10,431	10,534
Primary metals	do	1,721	1,758	1,765	1,765	1,765	1,758	1,780	1,784	1,790	1,772	1,795	1,807	1,780	1,803	1,843
Machinery (elec. and nonelec.)	do	3,381	3,707	3,587	3,601	3,653	3,707	3,705	3,714	3,704	3,726	3,685	3,683	3,666	3,699	3,768
Transportation equipment	do	824	908	898	881	897	908	912	903	910	933	938	984	1,010	973	946
Nondurable goods industries, total ☐	do	23,427	24,119	23,551	23,741	24,076	24,119	24,036	24,163	24,247	24,254	24,228	23,906	23,891	23,973	23,990
Food and kindred products	do	6,080	6,028	5,979	6,057	6,060	6,028	6,052	6,136	6,195	6,165	6,137	5,991	6,009	5,910	5,823
Tobacco products	do	2,391	2,314	2,339	2,317	2,345	2,314	2,327	2,374	2,344	2,363	2,353	2,322	2,297	2,263	2,241
Textile mill products	do	2,608	2,886	2,668	2,800	2,895	2,886	2,847	2,839	2,821	2,789	2,768	2,754	2,763	2,803	2,831
Paper and allied products	do	1,688	1,800	1,743	1,757	1,772	1,800	1,792	1,792	1,797	1,789	1,801	1,812	1,836	1,859	1,851
Chemicals and allied products	do	3,600	3,818	3,722	3,734	3,769	3,818	3,872	3,894	3,902	3,926	3,935	3,910	3,934	3,936	3,963
Petroleum and coal products	do	1,809	1,736	1,830	1,788	1,795	1,736	1,775	1,786	1,801	1,768	1,767	1,732	1,708	1,733	1,715
Rubber and plastics products	do	1,138	1,157	1,155	1,159	1,167	1,157	1,125	1,127	1,129	1,131	1,133	1,127	1,137	1,154	1,167
By stage of fabrication:																
Materials and supplies	do	9,770	9,769	9,660	9,844	9,826	9,769	9,666	9,661	9,632	9,534	9,528	9,432	9,203	9,351	9,435
Work in process	do	3,304	3,479	3,347	3,344	3,428	3,479	3,452	3,403	3,446	3,459	3,452	3,422	3,406	3,426	3,461
Finished goods	do	10,246	10,871	10,544	10,553	10,822	10,871	10,915	11,099	11,169	11,261	11,248	11,052	11,192	11,196	11,096
By market category:																
Home goods and apparel	do	5,955	6,389	6,149	6,179	6,321	6,389	6,242	6,231	6,226	6,313	6,296	6,210	6,177	6,276	6,331
Consumer staples	do	9,515	9,525	9,447	9,502	9,571	9,525	9,597	9,730	9,780	9,782	9,746	9,563	9,559	9,407	9,320
Equip. and defense prod., excl. auto	do	11,828	12,363	12,249	12,189	12,277	12,365	12,303	12,288	12,305	12,370	12,361	12,494	12,463	12,538	12,681
Automotive equipment	do	3,001	3,245	3,268	3,258	3,200	3,245	3,241	3,299	3,347	3,359	3,342	3,356	3,453	3,446	3,356
Construction materials and supplies	do	5,042	5,290	5,096	5,135	5,189	5,290	5,311	5,296	5,290	5,352	5,353	5,386	5,380	5,389	5,406
Other materials and supplies	do	22,412	23,335	22,875	23,059	23,222	23,335	23,297	23,264	23,378	23,355	23,431	23,389	23,456	23,707	23,831
Supplementary market categories:																
Consumer durables	do	2,722	2,955	2,865	2,923	2,923	2,955	2,938	2,931	2,917	2,964	2,938	2,952	2,953	2,944	2,951
Defense products	do	5,343	5,583	5,571	5,490	5,502	5,583	5,466	5,465	5,457	5,420	5,394	5,412	5,391	5,401	5,427
Machinery and equipment	do	8,098	8,539	8,343	8,395	8,485	8,539	8,558	8,524	8,550	8,673	8,678	8,781	8,808	8,923	9,041
New orders, net (not seas. adj.), total	do	133,167	135,036	136,217	136,601	135,174	134,045	135,010	137,539	137,508	138,517	137,859	139,317	136,367	136,190	139,341
Durable goods industries, total	do	17,085	18,300	18,502	18,883	18,140	17,623	18,558	19,927	19,951	20,662	20,095	21,249	19,530	17,923	20,240
Nondurable goods industries, total	do	16,082	16,736	17,715	17,718	17,034	16,422	16,452	17,612	17,557	17,855	17,764	18,068	16,837	18,267	19,107
New orders, net (seas. adj.), total	do	133,167	135,036	134,991	135,354	134,953	135,619	137,148	136,657	136,547	138,184	137,893	137,782	139,815	137,509	138,004
By industry group:																
Durable goods industries, total ☐	do	17,085	18,300	18,244	18,622	18,113	17,974	19,740	19,499	19,262	20,461	19,945	20,016	21,254	19,342	19,907
Primary metals	do	2,718	2,959	2,712	3,013	2,924	2,938	3,147	3,074	3,103	3,641	3,175	3,472	3,539	3,280	3,837
Blast furnaces, steel mills	do	1,400	1,592	1,371	1,590	1,969	1,456	1,641	1,685	1,675	2,077	1,727	1,943	2,077	1,825	2,300
Fabricated metal products	do	1,848	1,866	1,808	1,910	1,858	1,914	2,043	2,018	2,007	2,071	1,968	2,013	2,069	1,946	2,037
Machinery, except electrical	do	2,364	2,574	2,608	2,669	2,617	2,741	2,808	2,763	2,771	2,938	2,956	3,030	2,909	2,952	2,928
Electrical machinery	do	2,285	2,410	2,263	2,410	2,477	2,463	2,687	2,574	2,547	2,520	2,571	2,448	2,807	2,694	2,561
Transportation equipment	do	4,484	4,970	5,430	5,094	4,680	4,327	5,433	5,179	5,164	5,607	5,538	5,364	6,218	4,771	4,803
Aircraft and parts	do	1,342	1,398	1,754	1,272	1,189	801	1,730	1,537	1,421	1,605	1,646	1,510	2,429	1,081	1,165
Nondurable goods industries, total	do	16,082	16,736	16,747	16,732	16,840	17,645	17,408	17,158	17,285	17,723	17,948	17,766	18,061	18,167	18,097
Industries with unfilled orders ☐	do	4,124	4,411	4,495	4,528	4,635	4,835	4,531	4,486	4,552	4,678	4,739	4,694	4,887	4,853	4,877
Industries without unfilled orders	do	11,957	12,325	12,252	12,204	12,205	12,810	12,877	12,672	12,733	13,045	13,209	13,072	13,174	13,284	13,220
By market category:																
Home goods and apparel	do	3,273	3,339	3,177	3,199	3,136	3,503	3,444	3,455	3,444	3,396	3,480	3,402	3,585	3,535	3,494
Consumer staples	do	7,000	7,257	7,334	7,298	7,371	7,682	7,700	7,495	7,593	7,756	7,859	7,800	7,915	7,802	7,948
Equip. and defense prod., excl. auto	do	4,155	4,368	4,424	4,469	4,289	4,133	4,491	4,607	4,486	4,858	5,323	5,237	5,634	4,671	4,524
Automotive equipment	do	3,162	3,578	3,553	3,506	3,611	3,475	3,714	3,757	3,714	3,757	3,641	3,717	3,717	3,745	3,682
Construction materials and supplies	do	2,767	2,803	2,712	2,938	2,807	2,723	2,967	3,113	2,983	3,038	3,017	3,004	3,086	2,911	3,047
Other materials and supplies	do	12,809	13,691	13,791	14,044	13,739	14,103	14,318	14,273	14,235	15,096	14,573	14,613	15,478	14,625	15,309
Supplementary market categories:																
Consumer durables	do	1,325	1,404	1,312	1,379	1,387	1,514	1,420	1,520	1,505	1,485	1,492	1,421	1,566	1,500	1,473
Defense products	do	2,081	2,156	2,466	1,922	1,968	1,476	2,673	2,401	2,177	2,367	2,482	2,336	3,287	1,862	1,997
Machinery and equipment	do	3,090	3,326	3,415	3,441	3,273	3,612	3,617	3,413	3,455	3,610	3,929	3,916	3,774	3,772	3,684
Unfilled orders, end of year or month (unadjusted), total	mil. \$	46,242	49,149	50,131	49,902	49,696	49,149	50,049	50,760	51,199	51,626	52,018	52,717	54,313	54,501	55,024
Durable goods industries, total	do	43,666	45,193	47,306	46,999	46,684	46,193	47,154	47,863	48,						

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
GENERAL BUSINESS INDICATORS—Continued																
BUSINESS INCORPORATIONS ♂																
New incorporations (50 States and Dist. Col.)†																
Unadjusted..... number	15,171	15,534	13,824	16,808	12,975	15,472	18,825	15,495	17,676	17,365	16,394	16,856	17,145	14,552	15,465	
Seasonally adjusted..... do			15,689	16,275	15,759	15,867	16,193	16,086	16,064	16,242	15,932	15,797	15,852	16,074	16,715	
INDUSTRIAL AND COMMERCIAL FAILURES ♂																
Failures, total..... number	1,315	1,198	1,051	1,262	1,115	998	1,217	1,241	1,320	1,197	1,075	1,157	1,096	1,169	1,034	
Commercial service..... do	112	114	113	133	129	91	109	109	131	101	92	123	82	113	81	
Construction..... do	225	200	189	207	198	198	201	204	210	201	179	219	214	203	208	
Manufacturing and mining..... do	215	201	167	217	186	176	205	211	212	216	188	146	192	185	163	
Retail trade..... do	629	557	467	578	479	433	570	572	625	554	501	563	501	550	484	
Wholesale trade..... do	134	126	115	127	123	100	132	145	142	125	115	106	107	118	98	
Liabilities (current), total..... thous. \$	101,133	112,716	85,918	91,834	262,112	68,427	96,731	123,935	110,999	112,884	93,419	144,496	125,642	95,180	114,565	
Commercial service..... do	7,831	7,425	6,579	10,758	4,171	3,764	5,721	7,238	11,686	10,355	10,245	80,909	9,037	22,555	6,074	
Construction..... do	20,295	19,280	21,522	12,951	20,325	13,935	22,166	14,933	20,776	27,872	14,687	15,349	23,772	17,897	32,185	
Manufacturing and mining..... do	33,333	46,475	28,149	32,777	197,942	22,662	29,649	26,260	26,762	30,650	37,782	17,951	23,309	16,079	31,996	
Retail trade..... do	29,143	24,947	15,644	23,603	26,832	16,849	27,376	22,680	19,515	28,151	23,291	21,694	20,781	25,715	24,958	
Wholesale trade..... do	10,531	14,589	14,024	11,715	12,842	11,217	11,819	52,824	32,260	15,856	7,414	8,593	48,743	12,934	19,952	
Failure annual rate (seasonally adjusted) No. per 10,000 concerns.....	160.8	156.3	59.4	59.6	55.1	51.2	53.9	55.3	56.6	51.3	49.4	53.2	54.9	59.1	56.3	

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS																
Prices received, all farm products⊙..... 1910-14=100..	244	242	242	242	242	237	243	240	239	236	235	232	234	232	236	236
Crops..... do	231	237	232	235	241	241	243	242	241	243	248	241	234	226	228	232
Commercial vegetables..... do	243	231	189	205	250	254	270	286	275	230	235	240	237	217	218	222
Cotton..... do	271	271	276	278	274	264	254	249	259	267	271	274	274	258	258	261
Feed grains and hay..... do	153	164	171	162	168	164	166	164	166	168	168	168	163	163	170	165
Food grains..... do	226	224	213	223	224	226	230	229	215	225	218	170	162	161	164	166
Fruit..... do	226	279	264	279	294	303	300	292	293	316	327	301	272	283	293	317
Oil-bearing crops..... do	248	258	253	264	271	265	268	263	260	252	246	246	247	243	254	260
Potatoes (incl. dry edible beans)..... do	157	157	161	140	144	144	150	156	167	191	251	322	307	247	202	208
Tobacco..... do	530	494	498	495	490	478	488	490	490	490	490	489	489	487	482	493
Livestock and products..... do	255	245	250	248	243	234	242	237	237	230	224	224	234	237	244	239
Dairy products..... do	253	253	262	269	272	269	265	260	253	243	237	234	243	252	262	272
Meat animals..... do	310	290	294	286	272	260	274	269	273	268	263	264	275	274	282	268
Poultry and eggs..... do	145	146	149	148	150	146	154	147	144	136	131	133	139	145	146	144
Wool..... do	252	269	256	262	265	270	274	281	295	301	301	299	293	288	284	284
Prices paid:																
All commodities and services..... do	280	283	283	282	282	282	283	283	283	283	282	282	282	282	282	282
Family living items..... do	294	298	297	297	298	298	298	299	298	300	300	300	300	300	299	300
Production items..... do	270	273	273	272	271	270	273	271	272	272	270	269	269	269	270	269
All commodities and services, interest, taxes, and wage rates (parity index)†..... 1910-14=100..	307	312	311	311	311	311	313	313	313	314	313	313	312	313	313	312
Parity ratio‡..... do	* 79	* 78	78	78	78	76	78	77	76	75	75	74	75	74	75	76
CONSUMER PRICES (U.S. Department of Labor Indexes)																
All items..... 1957-59=100..	105.4	106.7	107.1	107.2	107.4	107.6	107.6	107.6	107.7	107.8	107.8	107.8	108.3	108.2	108.4	
Special group indexes:																
All items less shelter..... do	105.4	106.7	107.1	107.2	107.4	107.5	107.6	107.5	107.5	107.7	107.7	107.9	108.2	108.1	108.2	
All items less food..... do	106.1	107.4	107.8	108.1	108.4	108.5	108.4	108.4	108.6	108.6	108.7	108.8	108.8	108.9	109.0	
Commodities¶..... do	103.2	104.1	104.4	104.5	104.7	104.9	104.9	104.8	104.8	104.9	104.8	105.0	105.3	105.2	105.4	
Nondurables..... do	103.6	104.9	105.3	105.2	105.4	105.6	105.7	105.6	105.6	105.6	105.5	105.8	106.3	106.1	106.4	
Durables¶..... do	101.8	102.1	102.2	102.7	103.1	103.0	102.9	102.9	102.9	102.9	102.8	102.9	102.9	102.8	102.8	
New cars..... do	102.1	101.5	99.8	103.1	103.2	102.1	102.3	102.2	101.8	101.6	101.2	100.8	100.6	99.9	98.7	
Used cars..... do	115.2	116.6	120.1	120.0	121.0	120.3	119.6	119.0	119.6	120.9	121.6	122.7	122.7	122.2	121.9	
Commodities less food¶..... do	102.8	103.5	103.7	104.2	104.5	104.5	104.3	104.1	104.3	104.3	104.3	104.3	104.3	104.2	104.3	
Services¶..... do	110.9	113.0	113.5	113.7	113.9	114.1	114.2	114.3	114.5	114.8	114.9	115.1	115.3	115.4	115.5	
Food ¶..... do	103.6	105.1	105.4	104.9	105.1	105.4	105.8	106.0	105.7	105.7	105.5	106.2	107.2	106.9	107.2	
Meats, poultry, and fish..... do	101.7	100.2	101.5	100.4	99.7	99.2	98.3	98.3	97.2	97.0	96.6	96.8	98.9	99.2	101.4	
Dairy products..... do	104.1	103.8	104.3	104.6	104.8	105.0	105.0	104.8	104.5	104.1	103.9	104.0	104.3	104.4	104.6	
Fruits and vegetables..... do	105.0	111.0	108.1	106.3	108.2	109.8	112.4	113.9	115.1	115.7	115.7	120.2	122.3	117.3	112.2	
Housing..... do	104.8	106.0	106.2	106.3	106.6	106.9	106.9	106.9	107.1	107.0	106.9	107.1	107.1	107.2	107.4	
Shelter ¶..... do	105.6	106.9	107.1	107.3	107.7	108.0	108.1	108.3	108.4	108.2	108.2	108.4	108.6	108.8	109.0	
Rent..... do	105.7	106.8	107.0	107.1	107.2	107.3	107.3	107.5	107.5	107.7	107.7	107.8	107.8	107.9	107.9	
Homeownership*..... do	105.6	107.0	107.2	107.4	108.0	108.4	108.5	108.8	108.9	108.6	108.4	108.7	108.9	109.2	109.5	
Fuel and utilities*..... do	106.1	107.0	107.0	107.3	107.5	107.6	107.7	106.8	107.3	107.4	107.2	107.1	107.0	107.1	107.2	
Household furnishings and operation*..... do	101.5	102.4	102.7	102.6	102.7	102.9	102.7	102.7	102.8	102.9	102.9	102.9	102.8	102.6	102.8	
Apparel and upkeep*..... do	103.6	104.8	105.4	105.9	106.1	106.1	105.0	105.1	105.3	105.6	105.7	105.7	105.5	105.3	105.9	
Transportation..... do	107.2	107.8	107.9	109.0	109.1	108.9	109.4	108.6	108.9	109.0	109.1	109.2	109.4	109.3	108.9	
Private..... do	105.9	106.4	106.5	107.7	107.8	107.5	108.0	107.2	107.4	107.6	107.7	107.8	107.9	107.9	107.4	
Public..... do	115.4	116.9	117.1	117.6	117.6	118.3	118.3	118.4	118.3	118.4	118.6	118.9	119.0	119.1	119.3	
Health and recreation ¶..... do	109.4	111.4	112.1	112.3	112.4	112.7	112.7	112.9	113.1	113.4	113.5	113.5	113.7	113.8	113.9	
Medical care..... do	114.2	117.0	117.5	117.7	117.9	117.9	118.2	118.5	118.7	119.0	119.1	119.3	119.5	119.8	119.7	
Personal care..... do	106.5	107.9	108.2	108.4	108.4	108.4	108.5	108.4	108.7	108.7	108.9	109.1	109.3	109.4	109.5	
Reading and recreation..... do	109.6	111.5	112.3	112.7	112.8	113.1	113.1	113.3	113.6	114.0	114.1	114.0	114.1	114.2	114.3	

* Revised. † Based on unadjusted data. ‡ 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. § "All items" index on old basis (discontinued with June index).

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
COMMODITY PRICES—Continued																
WHOLESALE PRICES[♂]																
<i>(U.S. Department of Labor Indexes)</i>																
Spot market prices, basic commodities:																
22 Commodities.....1957-59=100..	193.0	193.5	93.0	95.8	95.7	95.0	95.5	94.4	94.3	96.3	95.3	95.2	95.8	97.9	100.0	102.3
9 Foodstuffs.....do.....	89.8	92.9	91.4	95.1	93.4	91.1	91.5	88.9	87.9	88.2	87.9	87.0	86.8	87.7	89.3	89.7
13 Raw industrials.....do.....	95.4	93.9	94.1	96.3	97.3	97.7	98.5	98.5	98.9	102.4	100.9	101.4	102.5	105.7	108.2	112.0
All commodities.....do.....	100.6	100.3	100.3	100.5	100.7	100.3	101.0	100.5	100.4	100.3	100.1	100.0	100.4	100.3	100.7	100.8
By stage of processing:																
Crude materials for further processing.....do.....	97.1	95.0	94.8	94.8	95.1	92.6	95.1	94.0	94.3	94.2	93.5	92.4	93.8	94.1	95.7	94.3
Intermediate materials, supplies, etc.....do.....	100.2	100.5	100.9	100.9	101.0	101.1	101.3	101.2	100.9	100.9	100.6	100.3	100.5	100.4	100.6	101.1
Finished goods.....do.....	101.7	101.4	101.5	101.6	101.8	101.4	102.1	101.6	101.5	101.3	101.3	101.7	102.1	101.9	102.1	102.1
By durability of product:																
Durable goods.....do.....	101.0	101.0	101.1	101.4	101.5	101.6	101.7	101.8	102.0	102.2	102.2	102.3	102.4	102.5	102.4	102.8
Nondurable goods.....do.....	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	98.7	99.4	99.2
Total manufactures.....do.....	100.8	100.6	100.7	100.9	100.9	100.9	101.3	101.1	100.9	100.9	100.8	100.8	101.1	101.0	101.2	101.4
Durable manufactures.....do.....	101.3	101.3	101.4	101.7	101.8	101.9	101.9	102.1	102.2	102.4	102.6	102.4	102.5	102.5	102.5	102.8
Nondurable manufactures.....do.....	100.1	99.8	99.9	100.2	100.1	99.9	100.5	100.0	99.6	99.4	99.0	99.1	99.7	99.5	99.8	100.1
Farm products ♀																
Fruits and vegetables, fresh and dried.....do.....	97.7	95.7	95.5	95.1	96.2	93.3	96.3	94.5	95.2	94.4	93.7	93.2	94.1	93.6	95.7	93.8
Grains.....do.....	98.8	101.9	102.9	101.8	100.3	101.8	103.9	102.0	99.1	103.3	103.2	89.8	85.7	85.7	90.2	88.9
Livestock and live poultry.....do.....	96.2	88.8	88.6	88.0	87.9	79.9	84.7	82.8	83.8	82.4	81.2	82.3	87.7	88.4	90.9	85.8
Foods, processed ♀																
Cereal and bakery products.....do.....	101.2	101.1	100.9	102.2	102.5	100.4	102.5	100.9	100.5	100.4	99.4	100.2	101.2	101.0	102.2	101.7
Dairy products and ice cream.....do.....	106.9	107.5	108.0	107.4	107.9	108.1	108.0	107.5	107.3	107.1	106.6	107.1	107.0	107.3	108.7	108.9
Fruits and vegetables, canned, frozen.....do.....	98.0	103.9	105.3	105.8	106.4	106.8	107.2	107.4	107.5	107.3	106.3	106.1	105.3	102.3	102.2	102.9
Meats, poultry, and fish.....do.....	99.1	93.3	94.2	93.2	91.7	87.7	91.8	88.9	88.7	88.3	86.9	90.2	93.3	93.3	96.1	93.4
Commod. other than farm prod. and foods.....do.....																
Chemicals and allied products ♀.....do.....	97.5	96.3	96.0	96.2	96.3	96.2	96.3	96.4	96.5	96.6	96.7	96.5	96.6	96.5	96.6	96.9
Chemicals, industrial.....do.....	96.3	94.8	94.5	94.2	94.2	94.3	94.3	94.2	94.4	94.4	94.5	94.3	94.3	93.9	93.9	94.3
Drugs and pharmaceuticals.....do.....	96.0	95.1	94.9	94.9	95.0	95.0	95.4	95.3	95.2	95.4	95.5	94.6	94.8	94.7	94.6	94.6
Fats and oils, inedible.....do.....	76.3	80.3	81.3	88.5	90.2	85.0	83.1	83.2	85.8	87.3	88.6	93.2	95.9	101.3	106.2	107.7
Fertilizer materials.....do.....	101.9	99.9	97.2	97.1	98.4	98.4	99.4	100.2	100.2	100.2	100.2	100.2	101.1	100.2	99.1	99.6
Prepared paint.....do.....	103.8	103.8	103.9	103.9	104.9	105.1	105.1	104.6	104.8	104.8	104.8	103.9	104.1	104.8	104.8	104.8
Fuel and related prod., and power ♀																
Coal.....do.....	96.8	96.9	97.2	97.7	98.3	98.3	98.3	98.1	97.1	95.0	95.1	95.3	96.1	96.6	97.3	97.7
Electric power.....Jan. 1958=100.....	102.8	102.0	101.8	101.4	101.3	101.3	101.3	101.3	99.4	101.3	101.3	100.9	100.6	101.4	101.5	101.5
Gas fuels.....do.....	119.2	122.8	121.7	122.0	122.3	124.8	124.8	126.8	123.2	120.4	116.6	116.0	120.2	121.2	118.4	119.4
Petroleum products, refined.....1957-59=100.....	98.2	97.2	95.9	95.6	93.8	96.1	96.6	95.3	92.9	91.1	92.2	92.3	92.5	91.4	89.5	91.9
Furniture, other household durables ♀																
Appliances, household.....do.....	94.0	91.8	91.4	91.2	91.2	91.1	91.5	91.8	91.7	91.6	91.6	91.2	91.2	91.3	91.3	91.3
Furniture, household.....do.....	103.8	104.6	104.8	104.8	104.8	104.7	105.0	105.0	105.0	105.2	105.3	105.3	105.4	105.6	105.6	105.6
Radio receivers and phonographs.....do.....	86.1	82.8	81.9	81.9	81.8	81.7	81.5	81.5	81.5	81.5	81.5	81.8	81.8	81.8	81.8	
Television receivers.....do.....	94.2	92.3	91.9	91.8	91.8	90.9	90.9	90.9	90.9	91.2	91.2	91.2	90.8	90.8	90.8	
Hides, skins, and leather products ♀																
Footwear.....do.....	107.4	104.2	103.1	103.4	103.5	103.0	102.7	102.5	102.5	104.5	104.7	104.8	105.4	105.6	105.4	105.9
Hides and skins.....do.....	106.2	84.0	108.4	108.4	108.2	108.2	108.3	108.2	108.2	108.3	108.3	108.3	108.3	108.3	108.4	108.0
Leather.....do.....	108.5	101.9	99.5	99.5	99.7	99.5	99.5	99.7	99.6	102.0	104.5	103.3	92.6	96.0	95.5	95.4
Lumber and wood products.....do.....	96.5	98.6	99.9	99.2	99.2	99.1	99.9	99.9	101.0	101.8	101.8	101.4	101.2	100.9	100.6	100.3
Lumber.....do.....	96.5	98.9	100.7	99.3	99.3	99.2	99.2	100.3	101.4	102.0	102.2	101.8	101.5	101.1	100.7	100.4
Machinery and motive prod. ♀																
Agricultural machinery and equip.....do.....	102.3	102.2	102.2	102.3	102.5	102.6	102.5	102.5	102.7	102.9	103.3	163.0	103.1	102.9	102.9	103.0
Construction machinery and equip.....do.....	109.5	111.1	110.9	111.2	111.4	111.9	112.1	112.5	112.6	112.7	112.7	112.9	113.1	113.0	113.0	112.9
Electrical machinery and equip.....do.....	107.8	109.6	110.1	110.4	110.9	111.2	111.8	111.8	112.0	112.2	112.3	112.3	112.3	112.3	112.4	112.4
Motor vehicles.....do.....	98.4	97.4	97.2	97.4	97.5	97.7	96.9	96.9	97.0	97.7	97.7	96.5	96.5	96.6	96.6	
Motor vehicles.....do.....	100.8	100.0	99.3	99.9	99.9	99.9	99.8	99.8	99.9	99.9	101.2	100.9	101.2	100.9	100.7	100.5
Metals and metal products ♀																
Heating equipment.....do.....	93.2	92.9	93.1	93.1	92.8	92.7	92.0	91.8	92.1	92.1	92.0	92.4	92.1	91.7	91.7	91.8
Iron and steel.....do.....	99.3	99.1	99.1	99.9	99.9	100.0	100.2	100.2	100.2	100.2	100.3	100.4	100.7	101.2	100.5	100.6
Nonferrous metals.....do.....	99.2	99.1	99.6	99.9	100.2	101.0	101.4	101.7	102.8	104.0	103.9	104.0	104.4	105.8	107.0	110.4
Nonmetallic mineral products ♀																
Clay products, structural.....do.....	101.8	101.3	101.1	101.3	101.2	101.3	101.1	101.2	101.1	101.3	101.3	161.4	101.5	101.7	101.8	101.8
Concrete products.....do.....	103.5	103.6	103.4	103.4	103.5	103.5	103.5	103.8	103.9	104.5	104.5	104.5	104.4	104.5	104.6	104.8
Gypsum products.....do.....	102.6	101.7	101.3	101.3	101.4	101.4	101.2	101.0	100.7	100.6	100.6	100.8	100.9	100.8	101.1	101.1
Pulp, paper, and allied products.....do.....	105.0	105.4	106.1	106.1	106.1	106.1	106.1	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6
Paper.....do.....	100.0	99.2	102.2	102.8	102.9	102.9	99.8	99.9	99.3	99.1	98.7	98.7	98.7	98.7	98.7	99.1
Rubber and products.....do.....	102.6	102.4	102.2	102.8	102.9	102.9	103.1	103.1	103.5	103.6	103.7	103.7	103.7	103.7	103.7	104.0
Tires and tubes.....do.....	93.3	93.8	93.4	94.2	94.2	93.8	93.7	93.6	93.9	93.1	92.6	91.6	91.8	91.8	91.9	92.1
Textile products and apparel ♀.....do.....	87.1	90.1	91.7	91.7	91.7	91.4	91.3	91.3	91.3	89.2	88.0	88.0	88.0	88.0	88.0	88.0
Apparel.....do.....	100.6	100.5	100.5	100.7	101.1	101.2	101.2	101.2	101.2	101.2	101.2	101.0	101.1	101.2	101.2	101.4
Cotton products.....do.....	101.5	101.9	102.3	102.5	102.3	102.3	102.3	102.3	102.3	102.3	102.3	102.7	102.8	103.3	103.3	103.3
Manmade fiber textile products.....do.....	101.7	100.3	99.9	100.2	101.3	101.5	101.3	101.2	101.1	100.5	99.6	98.7	98.3	98.6	98.9	99.0
Silk products.....do.....	93.9	93.9	94.0	94.2	94.4	94.6	94.7	95.1	95.5	95.5	96.0	96.2	96.2	95.8	95.7	96.1
Wool products.....do.....	125.9	139.9	130.1	126.1	130.5	126.3	121.6	116.8	116.6	116.4	116.4	117.0	117.0	117.0	117.0	116.6
Tobacco prod. and bottled beverages ♀.....do.....	99.1	100.9	100.6	100.6	101.6	102.8	103.2	103.3	103.3	103.2	102.8	102.8	102.8	103.0	102.9	103.1
Beverages, alcoholic.....do.....	104.1	106.1	107.5	107.5	107.5	107.5	107.6	107.1	107.1	107.1	107.3	107.4	107.3	107.5	107.5	107.6
Cigarettes.....do.....	101.0	101.0	101.0	100.9	100.9	101.0	101.0	101.0								

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
CONSTRUCTION AND REAL ESTATE																
CONSTRUCTION PUT IN PLACE †																
New construction (unadjusted), total ¹.....mil. \$..	4,954	5,204	5,932	6,071	5,720	5,260	4,579	4,177	4,643	5,098	5,483	6,185	6,162	* 6,208	* 6,173	6,116
Private, total ².....do.....	3,475	3,648	4,081	4,101	4,021	3,760	3,258	3,021	3,325	3,638	3,895	4,222	4,257	* 4,228	* 4,166	4,089
Residential (nonfarm) ³.....do.....	2,024	2,154	2,419	2,408	2,357	2,153	1,813	1,626	1,908	2,188	2,345	2,573	2,552	* 2,500	* 2,415	2,311
New housing units.....do.....	1,553	1,672	1,932	1,940	1,909	1,734	1,451	1,316	1,477	1,610	1,703	1,879	1,976	* 1,974	* 1,909	1,831
Additions and alterations.....do.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Nonresidential buildings, except farm and public utilities, total ⁴.....mil. \$..	960	988	1,101	1,099	1,104	1,070	1,015	993	981	963	1,017	1,086	1,130	1,154	* 1,172	1,184
Industrial.....do.....	246	247	254	261	267	270	268	264	257	251	254	258	269	284	* 293	299
Commercial ⁵.....do.....	413	433	500	493	493	471	434	425	424	411	442	480	497	497	* 506	517
Stores, restaurants, and garages.....do.....	199	189	240	228	218	197	168	163	167	155	175	207	220	220	* 232	242
Farm construction.....do.....	107	106	115	111	105	101	98	95	96	95	99	106	115	118	* 111	107
Public utilities.....do.....	360	374	415	455	431	414	312	286	317	366	404	421	421	* 421	* 437	461
Public, total.....do.....	1,480	1,557	1,851	1,970	1,699	1,500	1,321	1,156	1,318	1,460	1,588	1,963	1,905	* 1,980	* 2,007	2,027
Nonresidential buildings.....do.....	429	460	508	523	466	458	435	429	464	525	517	597	525	* 555	* 565	559
Military facilities.....do.....	102	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Highways.....do.....	532	556	727	837	685	549	397	266	351	384	481	710	740	770	* 794	(1)
Other types.....do.....	418	430	501	487	431	386	392	376	413	454	477	534	526	* 534	533	(1)
New construction (seasonally adjusted at annual rates), total ¹.....mil. \$..	59,453	62,451	63,530	64,966	65,072	65,193	64,684	65,528	66,509	66,615	64,983	66,576	66,641	* 65,991	* 66,273	65,456
Private, total ².....do.....	41,695	43,772	44,633	45,365	45,488	45,778	45,440	46,274	46,923	46,449	45,780	46,006	46,261	* 45,906	* 45,703	45,308
Residential (nonfarm).....do.....	24,292	25,843	25,953	26,584	27,000	26,896	26,907	27,600	28,123	27,538	26,678	26,612	26,708	* 26,342	* 25,945	25,555
Nonresidential buildings, except farm and public utilities, total ⁴.....mil. \$..	11,526	11,859	12,533	12,431	12,480	12,592	12,476	12,581	12,728	12,661	12,756	12,900	13,063	13,271	* 13,386	13,406
Industrial.....do.....	2,949	2,962	3,049	3,085	3,136	3,158	3,060	3,058	3,074	3,076	3,149	3,204	3,334	3,505	* 3,514	3,540
Commercial ⁵.....do.....	4,955	5,200	5,671	5,518	5,469	5,515	5,499	5,546	5,668	5,561	5,542	5,562	5,574	5,609	* 5,746	5,776
Stores, restaurants, and garages.....do.....	2,385	2,268	2,611	2,477	2,335	2,333	2,330	2,300	2,351	2,293	2,252	2,268	2,302	2,381	* 2,550	2,621
Farm construction.....do.....	1,282	1,266	1,265	1,264	1,261	1,261	1,258	1,254	1,251	1,252	1,250	1,247	1,242	1,237	* 1,232	1,226
Public utilities.....do.....	4,318	4,494	4,540	4,772	4,473	4,753	4,547	4,547	4,518	4,660	4,746	4,832	4,828	* 4,670	* 4,792	4,826
Public, total ².....do.....	17,758	18,679	18,897	19,601	19,584	19,415	19,244	19,254	19,586	20,166	19,203	20,570	20,380	* 20,085	* 20,570	20,148
Nonresidential buildings.....do.....	5,145	5,524	5,638	5,815	5,803	6,075	5,761	6,171	5,993	6,259	6,040	6,528	5,828	* 6,115	* 6,292	6,210
Military facilities.....do.....	1,222	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Highways.....do.....	6,378	6,670	6,600	7,145	7,254	6,713	6,685	6,169	6,796	7,068	6,410	6,888	7,549	7,021	* 7,273	(1)
CONSTRUCTION CONTRACTS																
Construction contracts in 48 States (F. W. Dodge Corp.): ^Δ																
Valuation, total.....mil. \$..	3,442	3,824	3,707	4,313	3,749	3,413	3,346	3,201	4,215	4,359	4,639	4,504	4,601	3,760	3,762	-----
Index (mo. data seas. adj.).....1957-59=100..	120	133	128	146	144	148	147	143	140	138	138	138	140	121	131	-----
Public ownership.....mil. \$..	1,133	1,229	1,154	1,321	1,157	1,155	1,198	1,041	1,339	1,318	1,535	1,491	1,619	1,101	1,124	-----
Private ownership.....do.....	2,309	2,594	2,552	2,992	2,592	2,257	2,149	2,160	2,876	3,042	3,104	3,013	2,983	2,668	2,638	-----
By type of building:																
Nonresidential.....do.....	1,084	1,212	1,154	1,331	1,082	1,102	1,158	1,082	1,252	1,420	1,362	1,400	1,548	1,275	1,228	-----
Residential.....do.....	1,503	1,716	1,789	2,028	1,519	1,325	1,372	1,427	1,991	2,006	2,050	1,996	2,000	1,679	1,717	-----
Public works.....do.....	659	683	662	748	704	629	816	692	972	933	1,227	1,108	1,054	807	817	-----
Utilities.....do.....	196	212	102	206	444	356	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Heavy construction:																
New advance planning (ENR) [§]do.....	1,766	2,770	2,666	3,600	4,484	2,656	6,577	3,986	2,664	3,165	3,190	3,143	4,823	3,506	2,860	3,676
Concrete pavement awards: [¶]																
Total.....thous. sq. yds.	9,483	10,053	8,142	13,033	8,164	10,389	10,891	6,820	9,057	12,997	10,831	9,463	13,354	7,246	11,962	-----
Airports.....do.....	477	482	254	189	199	176	256	225	836	611	240	270	1,395	388	252	-----
Roads.....do.....	6,217	6,411	4,968	8,139	5,115	8,177	8,464	5,159	6,956	9,861	7,714	6,474	8,981	4,840	9,187	-----
Streets and alleys.....do.....	2,789	3,160	2,920	4,206	2,850	2,037	2,095	1,197	1,046	2,402	2,716	2,481	2,747	1,660	2,241	-----
Miscellaneous.....do.....	-----	-----	-----	-----	-----	-----	76	240	219	124	161	238	231	357	282	-----
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total, incl. farm (public and private).....thous..	124.4	136.7	148.4	167.5	122.3	97.4	100.8	101.1	133.3	152.3	160.5	164.0	145.1	143.7	127.9	-----
One-family structures.....do.....	83.0	85.1	94.0	104.3	72.4	50.9	55.3	63.7	82.2	90.7	101.4	102.1	* 91.7	90.8	-----	-----
Privately owned.....do.....	121.9	134.1	146.4	164.5	120.5	95.7	99.6	100.3	130.1	148.5	157.5	158.5	142.7	141.1	125.0	-----
Total nonfarm (public and private).....do.....	122.4	134.4	145.2	164.2	119.7	95.1	99.5	98.5	131.5	149.5	158.2	161.3	142.8	141.0	125.6	-----
In metropolitan areas.....do.....	87.7	95.8	104.1	117.3	84.6	75.8	73.8	73.8	96.6	102.5	115.1	118.0	* 102.9	* 96.7	91.3	-----
Privately owned.....do.....	119.9	131.8	143.2	161.2	117.9	93.4	98.3	97.7	128.3	145.7	155.2	155.8	140.4	138.4	122.7	-----
Seasonally adjusted at annual rates:																
Total, including farm (private only).....do.....	-----	-----	1,747	1,864	1,577	1,570	1,718	1,657	1,663	1,531	1,529	1,611	1,505	1,424	1,484	-----
Total nonfarm (private only).....do.....	-----	-----	1,712	1,824	1,544	1,524	1,688	1,613	1,638	1,501	1,507	1,585	1,483	1,402	1,458	-----
New private housing units authorized by bldg. permits (12,000 permit-issuing places): [*]																
Seasonally adjusted at annual rates:																
Total.....thous.....	2,129	2,335	1,371	1,401	1,359	1,402	1,333	1,404	1,377	1,280	1,271	1,306	1,242	1,281	1,231	-----
One-family structures.....do.....	756	750	764	751	738	715	742	810	767	700	714	720	663	701	693	-----
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite [†]1957-59=100..	107	109	110	* 111	* 111	111	111	111	111	111	112	112	112	113	113	113
American Appraisal Co., The:																
Average, 30 cities.....1913=100..	756	780	788	790	791	792	792	793	793	794	798	800	806	808	809	-----
Atlanta.....do.....	832	857	862	863	863	863	863	870	870	870	872	872	872	887	887	-----
New York.....do.....	836	858	869	872	872	874	884	884	884	884	884	884	884	895	897	-----
San Francisco.....do.....	720	761	775	778	778	778	778	780	780	780	780	794	799	800	802	-----
St. Louis.....do.....	741	760	762	765	774	776	779	779	779	777	786	786	786	786	786	-----
Associated General Contractors (building only).....1957-59=100..	111	114	115	116	116	116	117	117	117	117	118	119	119	120	120	120

† Revised. † Not yet available; estimate included in total. ‡ Annual total (also for breakdown of new construction value). § Computed from cumulative valuation total. ¶ Prior to 1964, "miscellaneous" yardage was included with data for roads and streets. * Effective Jan. 1964, based on 1963 definitions of metropolitan areas; not strictly comparable with

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
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	111.2	111.3	111.4	111.5	111.9	111.9	111.9	112.3	112.9	113.6	114.1	114.2	114.1	-----
Apartments, hotels, office buildings..... do.....	108.8	111.3	112.3	112.4	112.5	112.6	113.0	113.1	113.1	113.4	114.1	114.9	115.3	115.4	115.3	-----
Commercial and factory buildings..... do.....	107.8	110.2	111.2	111.2	111.4	111.5	111.9	111.9	111.9	112.3	112.9	113.6	114.1	114.2	114.1	-----
Residences..... do.....	106.3	108.5	109.6	109.7	109.8	109.9	110.2	110.3	110.3	110.7	111.1	111.8	112.2	112.3	112.3	-----
Engineering News-Record:																
Building..... 1957-59=100.....	110.1	112.7	114.2	114.6	114.3	114.4	114.6	114.6	115.0	115.3	115.6	116.2	116.6	116.9	117.1	117.0
Construction..... do.....	114.7	118.6	120.3	120.6	120.3	120.4	120.8	121.1	121.4	121.9	122.3	123.1	124.3	124.7	124.7	124.7
Bu. of Public Roads—Highway construction:																
Composite (avg. for qtr.)..... 1957-59=100.....	*98.6	*101.0	101.7	-----	-----	103.4	-----	-----	102.2	-----	-----	99.3	-----	-----	102.4	-----
CONSTRUCTION MATERIALS																
Output Index:																
Composite, unadjusted ?..... 1947-49=100.....	134.5	142.9	152.4	163.8	135.8	122.2	127.2	129.8	149.8	158.8	158.5	165.1	160.6	-----	-----	-----
Seasonally adjusted ?..... do.....	-----	-----	146.2	144.7	142.4	142.3	136.4	147.9	156.1	155.9	147.6	154.1	166.4	-----	-----	-----
Iron and steel products, unadjusted..... do.....	131.6	140.7	147.2	154.9	126.0	113.3	118.4	122.7	151.1	168.7	164.4	174.8	172.5	-----	-----	-----
Lumber and wood products, unadj. do.....	134.6	140.5	147.4	160.7	137.6	130.2	142.6	141.9	158.0	158.0	154.5	155.6	148.5	-----	-----	-----
Portland cement, unadjusted..... do.....	167.6	176.1	207.5	219.1	181.7	143.5	113.2	118.0	147.7	176.4	205.9	216.5	222.6	-----	-----	-----
REAL ESTATE																
Mortgage applications for new home construction:																
Applications for FHA commitments..... thous. unts.	18.4	15.8	14.8	15.0	11.4	10.3	11.5	14.4	19.0	18.7	15.8	17.9	15.2	15.8	15.4	15.1
Seasonally adjusted annual rate..... do.....	-----	-----	173	176	190	183	178	193	190	190	173	177	162	176	174	183
Requests for VA appraisals..... do.....	14.3	11.6	11.3	11.2	8.3	9.1	9.1	9.4	11.3	11.1	9.5	10.8	10.7	8.3	10.4	-----
Seasonally adjusted annual rate..... do.....	-----	-----	140	140	145	159	138	135	124	111	99	103	109	88	121	-----
Home mortgages insured or guaranteed by—																
Fed. Hous. Adm.: Face amount..... mil. \$.....	439.24	464.09	505.00	567.53	444.50	486.68	543.00	439.85	453.39	483.67	456.89	570.30	616.55	604.77	605.39	650.14
Vet. Adm.: Face amount..... do.....	221.01	253.76	267.35	316.01	258.21	255.35	267.77	201.31	208.70	206.20	192.02	232.60	251.51	245.93	270.33	-----
Federal Home Loan Banks, outstanding advances to member institutions..... mil. \$.....	*3,479	*4,784	4,024	4,226	4,290	4,784	4,414	4,216	4,168	4,444	4,395	4,769	4,763	4,781	4,837	-----
New mortgage loans of all savings and loan associations, estimated total..... mil. \$.....																
By purpose of loan:	1,730	2,061	2,196	2,387	1,856	2,118	1,716	1,712	2,071	2,081	2,145	2,304	*2,363	*2,164	2,041	-----
Home construction..... do.....	498	586	642	685	502	620	434	474	621	579	597	624	*635	573	498	-----
Home purchase..... do.....	710	827	928	977	757	776	696	674	784	831	881	1,054	1,037	*1,025	964	-----
All other purposes..... do.....	521	648	626	725	597	722	586	564	666	671	667	716	691	*602	579	-----
New nonfarm mortgages recorded (\$20,000 and under), estimated total..... mil. \$.....																
Nonfarm foreclosures..... number.....	2,849	3,077	3,177	3,534	2,880	2,987	2,758	2,575	2,935	3,089	3,090	3,388	-----	-----	-----	-----
Fire losses (on bldgs., contents, etc.)..... mil. \$.....	7,204	8,183	7,898	8,461	7,959	7,931	8,530	8,097	8,711	9,475	9,421	9,469	-----	-----	-----	-----

DOMESTIC TRADE

ADVERTISING																
Printers' Ink advertising index, seas. adj.:																
Combined index..... 1957-59=100.....	113	118	124	119	114	124	120	123	123	125	123	128	127	-----	-----	-----
Business papers..... do.....	108	112	115	113	113	117	112	108	113	108	108	121	111	-----	-----	-----
Magazines..... do.....	119	127	131	127	131	134	126	128	133	128	137	138	142	-----	-----	-----
Newspapers..... do.....																
Outdoor..... do.....	102	96	103	95	90	106	102	103	99	107	100	103	105	-----	-----	-----
Radio (network)..... do.....	88	88	79	101	83	85	72	87	91	104	86	86	79	-----	-----	-----
Television (network)..... do.....	75	95	106	101	86	106	78	84	83	76	87	82	103	-----	-----	-----
Television (network)..... do.....	118	144	151	142	125	146	151	160	158	160	157	159	157	-----	-----	-----
Television advertising:																
Network (major national networks):																
Gross time costs, total..... mil. \$.....	*199.7	*208.2	200.8	-----	-----	220.8	-----	-----	224.1	-----	-----	222.2	-----	-----	-----	-----
Automotive, incl. accessories..... do.....	*13.1	*14.6	13.3	-----	-----	16.3	-----	-----	15.2	-----	-----	14.6	-----	-----	-----	-----
Drugs and toiletries..... do.....	*63.3	*69.6	67.9	-----	-----	72.3	-----	-----	74.5	-----	-----	69.1	-----	-----	-----	-----
Foods, soft drinks, confectionery..... do.....	*39.5	*39.9	39.1	-----	-----	43.0	-----	-----	45.3	-----	-----	43.7	-----	-----	-----	-----
Soaps, cleansers, etc..... do.....	*20.9	*21.9	22.6	-----	-----	21.6	-----	-----	24.4	-----	-----	24.5	-----	-----	-----	-----
Smoking materials..... do.....	*22.2	*23.9	24.2	-----	-----	25.0	-----	-----	28.0	-----	-----	24.5	-----	-----	-----	-----
All other..... do.....	*40.8	*38.4	33.8	-----	-----	42.6	-----	-----	36.8	-----	-----	45.8	-----	-----	-----	-----
Spot (natl. and regional, cooperating stations):	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gross time costs, total..... mil. \$.....	*180.3	*217.8	185.3	-----	-----	242.9	-----	-----	255.9	-----	-----	263.7	-----	-----	-----	-----
Automotive, incl. accessories..... do.....	*5.9	*8.1	7.6	-----	-----	8.4	-----	-----	9.7	-----	-----	11.4	-----	-----	-----	-----
Drugs and toiletries..... do.....	*36.1	*42.8	34.9	-----	-----	48.7	-----	-----	52.3	-----	-----	47.0	-----	-----	-----	-----
Foods, soft drinks, confectionery..... do.....	*60.4	*73.0	60.2	-----	-----	82.3	-----	-----	82.3	-----	-----	93.1	-----	-----	-----	-----
Soaps, cleansers, etc..... do.....	*21.1	*22.9	22.4	-----	-----	20.3	-----	-----	24.5	-----	-----	26.5	-----	-----	-----	-----
Smoking materials..... do.....	*7.4	*9.7	8.6	-----	-----	10.1	-----	-----	10.4	-----	-----	12.4	-----	-----	-----	-----
All other..... do.....	*49.4	*61.2	51.5	-----	-----	73.1	-----	-----	66.7	-----	-----	73.3	-----	-----	-----	-----
Magazine advertising (general and natl. farm magazines):																
Cost, total..... mil. \$.....	73.0	77.6	82.1	99.6	103.2	77.2	54.0	73.0	86.7	93.3	102.7	83.5	60.5	58.5	85.7	-----
Apparel and accessories..... do.....	4.6	4.8	9.1	7.0	5.7	3.9	2.0	3.3	6.7	7.5	6.3	2.2	.6	6.0	9.5	-----
Automotive, incl. accessories..... do.....	7.9	8.5	6.1	14.8	12.7	5.9	7.0	9.1	9.8	10.6	11.5	8.9	6.3	4.3	8.0	-----
Building materials..... do.....	2.3	2.2	3.0	2.2	1.8	1.5	.9	1.8	2.3	3.5	3.6	3.0	2.0	1.5	2.9	-----
Drugs and toiletries..... do.....	7.1	8.0	8.0	9.9	10.8	9.9	6.2	8.0	9.1	8.6	9.8	9.5	7.7	7.4	8.4	-----
Foods, soft drinks, confectionery..... do.....	10.6	10.4	8.9	12.4	13.6	11.0	9.0	10.9	12.8	11.8	12.9	11.6	10.2	8.5	9.5	-----
Beer, wine, liquors..... do.....	4.5	4.7	4.2	5.5	6.9	8.8	1.7	3.3	4.2	4.5	5.2	4.8	3.7	2.7	4.2	-----
Household equip., supplies, furnishings..... do.....	4.9	5.5	5.8	8.4	7.7	4.4	2.7	3.6	5.6	7.1	9.6	7.7	4.3	3.3	6.0	-----
Industrial materials..... do.....	3.7	3.7	4.5	5.1	5.5	2.8	1.8	3.1	3.4	4.9	5.4	4.6	3.2	3.2	4.6	-----
Soaps, cleansers, etc..... do.....	.8	1.0	1.0	1.4	1.4	.4	.7	.9	1.0	2.1	1.9	1.2	.8	.7	1.6	-----
Smoking materials..... do.....	2.8	3.0	3.0	3.3	3.9	3.8	2.4	3.1	2.8	2.7	3.2	3.7	3.2	3.0	3.2	-----
All other..... do.....	23.8	25.8	28.4	29.6	33.2	24.8	19.7	26.0	28.9	30.0	33.2	26.3	18.5	18.0	27.9	-----

* Revised. 1 Index as of Nov. 1, 1964: Building, 117.0; construction, 124.8.
 2 Annual average based on quarterly data. 3 End of year.
 4 Copyrighted data; see last paragraph of headnote, p. S-1.

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

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

DOMESTIC TRADE—Continued

ADVERTISING—Continued																
Newspaper advertising linage (52 cities):																
Total..... mll. lines.....	233.2	238.0	246.7	267.7	258.4	260.6	210.6	210.4	248.0	265.1	275.9	247.0	226.5	238.0	248.2	
Classified..... do.....	60.5	62.5	65.0	65.9	61.8	53.8	59.8	60.9	66.3	68.6	74.8	68.4	66.9	70.5	64.9	
Display, total..... do.....	172.7	175.6	181.7	201.8	196.6	206.7	150.8	149.5	181.7	196.5	201.1	178.6	159.6	167.5	183.4	
Automotive..... do.....	12.4	12.5	12.7	16.0	13.0	8.7	10.6	12.1	12.7	15.7	17.1	16.2	12.8	11.8	15.6	
Financial..... do.....	4.8	4.9	4.7	5.5	4.7	5.3	6.8	4.2	5.4	5.6	4.8	5.2	5.8	3.9	4.4	
General..... do.....	25.1	23.8	26.2	28.9	25.8	24.0	18.2	20.8	25.4	28.8	29.2	25.9	19.6	17.5	24.9	
Retail..... do.....	130.3	134.3	138.1	151.4	153.1	168.8	115.2	112.3	138.2	146.4	150.0	131.3	121.4	134.4	138.5	
RETAIL TRADE																
All retail stores:																
Estimated sales (unadj.), total..... mll. \$..	19,613	20,536	19,267	21,528	21,494	25,104	19,154	18,758	20,502	21,186	22,508	22,242	*22,145	*21,778	*21,246	*22,781
Durable goods stores ♀..... do.....	6,245	6,675	5,999	7,599	6,985	7,208	6,031	6,122	6,741	7,360	7,693	7,719	7,399	*7,011	*6,786	17,058
Automotive group..... do.....	3,566	3,830	2,990	4,387	3,949	3,690	3,677	3,684	4,058	4,453	4,551	4,387	4,159	*3,853	*3,660	13,689
Passenger car, other auto. dealers..... do.....	3,344	3,600	2,779	4,148	3,712	3,377	3,488	3,505	3,847	4,215	4,289	4,110	3,896	*3,611	*3,435	229
Tire, battery, accessory dealers..... do.....	222	230	211	239	237	313	189	179	211	238	262	277	263	*242	225	
Furniture and appliance group..... do.....	901	968	980	1,095	1,077	1,333	905	920	973	1,004	1,043	1,112	1,098	*1,111	*1,075	11,239
Furniture, home furnishings stores..... do.....	583	622	647	719	703	790	584	600	638	663	685	735	708	*735	808	
Household appliance, TV, radio..... do.....	318	346	333	376	374	543	321	320	335	341	358	377	390	*376	381	
Lumber, building, hardware group..... do.....	947	964	1,055	1,119	1,002	918	712	709	798	938	1,047	1,129	1,109	*1,052	1,087	
Lumber, bldg. materials dealers ♂..... do.....	728	743	842	897	771	600	536	542	616	721	801	879	872	*823	808	
Hardware stores..... do.....	219	221	213	222	231	308	176	167	182	217	246	250	237	*229	229	
Nondurable goods stores ♀..... do.....	13,367	13,861	13,268	13,929	14,509	17,896	13,123	12,636	13,761	13,826	14,815	14,523	*14,746	*14,767	*14,460	*15,723
Apparel group..... do.....	1,195	1,205	1,161	1,191	1,308	2,172	1,026	927	1,283	1,140	1,282	1,238	1,118	*1,209	*1,272	11,375
Men's and boys' wear stores..... do.....	228	232	203	218	254	471	208	176	206	204	240	254	221	*220	233	
Women's apparel, accessory stores..... do.....	456	466	448	472	509	834	407	375	502	463	506	465	427	*463	482	
Family and other apparel stores..... do.....	301	300	296	304	343	572	234	220	309	262	303	302	275	*314	320	
Shoe stores..... do.....	209	207	214	197	202	295	177	156	266	211	233	217	195	*212	237	
Drug and proprietary stores..... do.....	669	681	647	667	666	906	671	656	680	665	713	705	707	*708	*708	1,756
Eating and drinking places..... do.....	1,442	1,506	1,526	1,556	1,486	1,533	1,436	1,386	1,485	1,547	1,650	1,711	1,796	*1,805	*1,680	11,757
Food group..... do.....	4,801	4,929	4,684	4,910	5,153	5,194	5,018	4,849	4,891	4,888	5,248	5,114	*5,484	*5,283	*5,149	15,639
Grocery stores..... do.....	4,344	4,463	4,238	4,449	4,689	4,679	4,558	4,395	4,406	4,414	4,739	4,613	*4,971	*4,780	*4,658	15,138
Gasoline service stations..... do.....	1,554	1,614	1,599	1,649	1,825	1,713	1,566	1,480	1,585	1,617	1,708	1,754	1,820	*1,801	*1,691	11,781
General merchandise group ♀..... do.....	2,267	2,388	2,275	2,417	2,728	4,399	1,872	1,875	2,303	2,310	2,479	2,491	2,380	*2,591	*2,553	12,836
Department stores..... do.....	1,320	1,390	1,340	1,404	1,590	2,625	1,094	1,069	1,336	1,366	1,463	1,481	1,354	*1,513	*1,521	11,688
Mail order houses (dept. store mdse.)..... do.....	163	177	172	197	248	307	140	146	178	179	173	170	158	195	189	
Variety stores..... do.....	371	385	354	378	414	793	289	313	389	361	399	395	398	*421	402	
Liquor stores..... do.....	450	472	437	466	510	724	433	427	434	446	485	472	500	*489	476	
Estimated sales (seas. adj.), total†..... do.....			20,426	20,716	20,558	21,019	21,000	21,533	21,223	21,392	21,777	21,773	*21,935	*22,266	*22,175	*21,536
Durable goods stores ♀..... do.....			6,606	6,941	6,734	6,831	6,855	7,262	6,939	7,010	7,218	7,002	7,060	*7,324	*7,421	16,428
Automotive group..... do.....			3,717	3,980	3,791	3,935	3,951	4,162	3,894	4,026	4,126	3,885	3,989	*4,259	4,448	
Passenger car, other auto. dealers..... do.....			3,495	3,748	3,556	3,885	3,711	3,925	3,646	3,788	3,880	3,645	3,755	*4,025	4,218	
Tire, battery, accessory dealers..... do.....			222	232	235	250	240	237	248	238	246	240	234	*234	230	
Furniture and appliance group..... do.....			985	1,028	986	1,021	1,019	1,073	1,088	1,095	1,080	1,108	1,107	*1,094	1,054	
Furniture, home furnishings stores..... do.....			648	666	640	637	671	707	711	701	699	735	709	*719	677	
Household appliance, TV, radio..... do.....			337	362	346	384	348	366	377	394	381	373	398	*375	377	
Lumber, building, hardware group..... do.....			975	986	994	952	949	1,007	936	912	974	992	954	*938	958	
Lumber, bldg. materials dealers ♂..... do.....			761	764	754	716	730	779	727	707	754	765	732	*711	723	
Hardware stores..... do.....			214	222	240	236	219	228	209	205	220	227	222	*227	235	
Nondurable goods stores ♀..... do.....			13,820	13,775	13,824	14,188	14,145	14,271	14,284	14,382	14,559	14,771	*14,875	*14,974	*14,754	*15,108
Apparel group..... do.....			1,204	1,150	1,186	1,250	1,291	1,228	1,272	1,272	1,295	1,322	1,316	*1,363	1,267	
Men's and boys' wear stores..... do.....			238	217	224	239	231	246	233	241	250	244	257	*269	260	
Women's apparel, accessory stores..... do.....			465	451	463	482	497	505	477	504	502	522	509	*519	488	
Family and other apparel stores..... do.....			303	286	294	307	302	326	292	308	320	338	333	*351	311	
Shoe stores..... do.....			198	196	205	222	220	214	226	219	223	218	217	*224	208	
Drug and proprietary stores..... do.....			688	683	677	694	694	666	702	689	713	721	726	*722	741	
Eating and drinking places..... do.....			1,470	1,530	1,506	1,528	1,580	1,593	1,584	1,599	1,589	1,623	1,642	*1,633	1,609	
Food group..... do.....			4,897	4,943	4,973	4,991	5,031	4,991	5,112	5,064	5,202	5,202	5,261	*5,234	5,301	
Grocery stores..... do.....			4,441	4,484	4,512	4,523	4,548	4,513	4,605	4,574	4,540	4,704	*4,769	*4,743	4,802	
Gasoline service stations..... do.....			1,605	1,618	1,638	1,681	1,638	1,641	1,629	1,674	1,670	1,683	1,701	*1,690	1,685	
General merchandise group ♀..... do.....			2,390	2,303	2,355	2,474	2,481	2,592	2,489	2,514	2,589	2,620	2,686	*2,734	2,594	
Department stores..... do.....			1,386	1,321	1,355	1,457	1,464	1,538	1,467	1,467	1,543	1,533	1,580	*1,630	1,518	
Mail order houses (dept. store mdse.)..... do.....			151	173	183	184	181	197	188	192	190	200	192	205	192	
Variety stores..... do.....			386	390	381	397	410	408	404	421	420	427	443	*439	429	
Liquor stores..... do.....			466	478	473	483	471	482	491	486	495	503	495	*494	501	
Estimated inventories, end of year or month†																
Book value (unadjusted), total..... mll. \$..	27,071	28,500	28,400	29,696	30,606	28,500	28,595	29,327	30,200	30,566	30,352	30,118	29,851	*29,227	29,727	
Durable goods stores ♀..... do.....	11,472	12,255	11,280	11,844	12,399	12,255	12,570	12,953	13,384	13,508	13,481	13,380	13,112	*12,127	12,024	
Automotive group..... do.....	4,778	5,353	4,253	4,660	5,036	5,353	5,659	5,961	6,159	6,157	6,085	6,027	5,849	*4,874	4,758	
Furniture and appliance group..... do.....	1,861	1,975	1,992	2,066	2,106	1,975	1,939	1,955	2,023	2,055	2,064	2,040	2,041	*2,024	2,074	
Lumber, building, hardware group..... do.....	2,264	2,316	2,363	2,344	2,361	2,316	2,296	2,317	2,416	2,447	2,452	2,452	2,398	*2,388	2,377	
Nondurable goods stores ♀..... do.....	15,599	16,245	17,120	17,852	18,207	16,245	16,025	16,374	16,816	17,058	16,871	16,738	16,739	*17,100	17,703	
Apparel group..... do.....	3,405	3,380	3,785	3,925	3,955	3,380	3,354	3,514	3,611	3,655	3,570	3,499	3,482	*3,728	3,906	
Food group..... do.....	3,395	3,554	3,536	3,667	3,707	3,553	3,532	3,642	3,698	3,691	3,673	3,669	3,619	*3,631	3,715	
General merchandise group..... do.....	4,495	4,767	5,359	5,743	5,879	4,767	4,623	4,699	4,896	5,035	4,978	4,931	5,033	*5,116	5,426	
Department stores*..... do.....	2,266	2,512	2,792	3,051	3,143	2,512	2,400	2,446	2,556	2,613	2,608	2,555	2,616	*2,707	2,929	
Book value (seas. adj.), total..... do.....	27,938	29,383	28,752	28,921	29,254	29,383	29,608	29,586	29,661	29,961	29,926	30,180	30,129	*29,967	30,135	

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS

	1962	1963	1963				1964								
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

DOMESTIC TRADE—Continued

RETAIL TRADE—Continued																
All retail stores—Continued																
Estimated inventories, end of year or month—Continued																
Book value (seas. adj.)—Continued																
Nondurable goods stores ².....mil. \$.	16,210	16,874	16,720	16,805	16,913	16,874	16,942	16,878	16,748	16,916	16,902	17,101	17,205	17,205	17,271	
Apparel group.....do.....	3,569	3,539	3,551	3,581	3,605	3,539	3,646	3,657	3,593	3,630	3,610	3,672	3,692	3,698	3,681	
Food group.....do.....	3,405	3,568	3,619	3,578	3,585	3,568	3,659	3,683	3,680	3,665	3,651	3,664	3,670	3,709	3,726	
General merchandise group.....do.....	4,897	5,186	5,074	5,147	5,219	5,186	5,101	4,959	4,923	4,999	4,996	5,102	5,215	5,117	5,156	
Department stores ³.....do.....	2,466	2,730	2,639	2,695	2,747	2,730	2,679	2,622	2,564	2,557	2,600	2,670	2,751	2,734	2,782	
Firms with 4 or more stores:																
Estimated sales (unadj.), total.....do.....	5,472	5,813	5,546	5,947	6,411	8,239	5,328	5,143	5,773	5,819	6,253	6,109	6,157	6,230	6,167	
Firms with 11 or more stores:																
Estimated sales (unadj.), total ⁴.....do.....	4,631	4,857	4,611	4,915	5,364	6,943	4,478	4,330	4,859	4,858	5,233	5,107	5,169	5,262	5,133	
Apparel group ⁵.....do.....	307	316	309	311	348	567	247	228	365	304	350	335	292	329	341	
Men's and boys' wear stores.....do.....	29	30	25	30	34	60	26	22	29	26	33	32	26	25	28	
Women's apparel, accessory stores.....do.....	124	134	128	131	152	246	97	95	147	132	148	144	125	143	140	
Shoe stores.....do.....	90	88	93	83	83	133	73	66	119	86	100	94	82	91	103	
Drug and proprietary stores.....do.....	137	144	135	138	143	226	140	138	148	141	152	152	153	151	154	
Eating and drinking places.....do.....	100	104	107	109	105	107	102	100	111	111	120	131	134	138	129	
Furniture, homefurnishings stores.....do.....	40	42	41	51	52	51	32	39	45	44	47	46	44	47	45	
General merchandise group ⁶.....do.....	1,464	1,585	1,526	1,615	1,843	2,095	1,262	1,246	1,564	1,592	1,696	1,698	1,605	1,756	1,717	
Dept. stores, excl. mail order sales.....do.....	901	985	961	1,000	1,137	1,850	790	763	968	1,002	1,074	1,075	1,003	1,089	1,079	
Variety stores.....do.....	284	296	272	292	321	611	216	238	304	281	306	304	299	320	305	
Grocery stores.....do.....	1,920	1,974	1,825	1,965	2,140	2,081	2,086	1,982	1,970	1,975	2,125	1,981	2,158	2,021	1,999	
Lumber yards, bldg. materials dealers ⁷.....do.....	62	63	71	75	64	50	46	47	52	61	69	79	81	75	77	
Tire, battery, accessory dealers.....do.....	90	91	83	93	94	132	75	72	82	96	106	115	108	101	93	
Estimated sales (seas. adj.), total ⁸.....do.....			4,871	4,809	4,922	5,043	5,089	5,111	5,126	5,105	5,165	5,240	5,311	5,366	5,296	
Apparel group ⁵.....do.....			316	298	310	326	336	337	326	343	343	349	351	369	337	
Men's and boys' wear stores.....do.....			31	29	27	29	31	33	29	31	34	32	33	33	33	
Women's apparel, accessory stores.....do.....			132	125	135	137	139	140	136	151	146	153	149	156	142	
Shoe stores.....do.....			87	82	83	92	94	90	98	91	95	91	96	103	92	
Drug and proprietary stores.....do.....			147	146	144	147	152	148	157	147	157	156	161	158	165	
Eating and drinking places.....do.....			105	107	105	106	111	119	112	112	115	127	126	130	125	
Furniture, homefurnishings stores.....do.....			42	45	44	42	41	47	46	46	45	46	46	48	47	
General merchandise group ⁶.....do.....			1,605	1,523	1,600	1,674	1,698	1,743	1,721	1,718	1,768	1,759	1,791	1,830	1,755	
Dept. stores, excl. mail order sales.....do.....			1,000	932	993	1,050	1,057	1,090	1,075	1,049	1,110	1,087	1,124	1,154	1,093	
Variety stores.....do.....			297	298	296	305	318	318	319	329	320	324	329	328	327	
Grocery stores.....do.....			1,970	1,993	2,015	2,017	2,041	2,018	2,055	2,030	1,999	2,066	2,084	2,083	2,105	
Lumber yards, bldg. materials dealers ⁷.....do.....			63	64	63	61	63	67	62	61	64	67	67	64	68	
Tire, battery, accessory dealers.....do.....			89	91	92	99	99	98	96	96	99	100	96	100	97	
All retail stores, accounts receivable, end of mo.: Total.....mil. \$.	14,299	15,484	13,990	14,269	14,361	15,484	14,628	14,123	14,335	14,638	15,197	15,140	15,334	15,412	15,662	
Durable goods stores.....do.....	6,241	6,626	6,532	6,588	6,456	6,626	6,259	6,083	6,131	6,218	6,491	6,647	6,691	6,724	6,874	
Nondurable goods stores.....do.....	8,058	8,858	7,458	7,681	7,905	8,858	8,369	8,040	8,204	8,420	8,706	8,493	8,643	8,688	8,788	
Charge accounts.....do.....	7,441	7,826	7,178	7,381	7,381	7,826	7,409	7,126	7,221	7,431	7,718	7,594	7,535	7,502	7,568	
Installment accounts.....do.....	6,858	7,658	6,812	6,888	6,980	7,658	7,219	6,997	7,114	7,207	7,479	7,546	7,799	7,910	8,094	
Department stores:																
Ratio of collections to accounts receivable:																
Charge accounts.....percent.....	48	49	48	50	50	49	49	48	50	48	48	51	50	48	49	
Installment accounts.....do.....	17	17	17	18	17	18	17	16	18	18	17	18	17	17	17	
Sales by type of payment:																
Cash sales.....percent of total sales.....	43	43	42	41	43	45	43	42	43	42	43	44	44	44	43	
Charge account sales.....do.....	40	39	40	41	39	38	37	39	39	40	40	38	37	38	39	
Installment sales.....do.....	17	18	18	18	18	17	20	19	18	18	17	18	18	18	18	

EMPLOYMENT AND POPULATION

POPULATION																
Population, U.S. (incl. Alaska and Hawaii):																
Total, incl. armed forces overseas ¹.....mil.	186.66	189.38	189.89	190.14	190.39	190.61	190.81	191.01	191.23	191.44	191.64	191.85	192.07	192.31	192.56	192.81
EMPLOYMENT ²																
Noninstitutional population, est. number 14 years of age and over, total, unadj.....mil.																
	130.08	132.12	132.50	132.68	132.85	133.02	133.20	133.36	133.52	133.68	133.87	134.04	134.22	134.40	134.59	134.77
Total labor force, incl. armed forces.....thous.	74,681	75,712	75,811	76,086	76,000	75,201	74,514	75,259	75,553	76,544	77,490	79,389	78,958	78,509	76,865	77,112
Civilian labor force, total.....do.....	71,854	72,975	73,062	73,344	73,261	72,615	71,793	72,527	72,810	73,799	74,742	76,645	76,218	75,758	74,122	74,375
Employed, total.....do.....	67,846	68,809	69,546	69,891	69,325	68,461	67,228	68,002	68,517	69,877	71,101	71,953	72,405	72,104	70,805	71,123
Agricultural employment.....do.....	5,190	4,946	5,326	5,350	4,777	4,039	3,993	3,931	4,017	4,429	5,007	5,853	5,819	5,400	5,230	5,126
Nonagricultural employment.....do.....	62,657	63,863	64,220	64,541	64,548	64,576	63,234	64,071	64,500	65,448	66,094	66,100	66,586	66,704	65,575	65,997
Unemployed (all civilian workers).....do.....	4,007	4,166	3,516	3,453	3,936	3,846	4,565	4,524	4,293	3,921	3,640	4,692	3,813	3,654	3,317	3,252
Long-term (15 weeks and over).....do.....	1,119	1,088	886	919	864	928	1,106	1,163	1,322	1,237	1,084	1,607	857	790	764	780
Percent of civilian labor force.....do.....	5.6	5.7	4.8	4.7	5.4	5.3	6.4	6.2	5.9	5.3	4.9	6.1	5.0	4.8	4.5	4.4
Not in labor force.....thous.	55,400	56,412	56,686	56,596	56,852	57,824	58,685	58,099	57,965	57,135	56,376	54,652	55,258	55,891	57,721	57,661
Civilian labor force, seasonally adjt.....do.....			73,001	73,168	73,572	73,224	73,667	73,835	73,760	74,583	74,595	74,340	74,230	74,315	74,159	74,187
Employed, total.....do.....			69,044	69,067	69,222	69,205	69,567	69,832	69,807	70,559	70,754	70,387	70,591	70,488	70,331	70,325
Agricultural employment.....do.....			4,877	4,939	4,903	4,890	4,936	4,797	4,600	4,748	4,865	4,838	4,885	4,810	4,800	4,745
Nonagricultural employment.....do.....			64,167	64,128	64,319	64,315	64,631	65,035	65,207	65,811	65,889	65,549	65,706	65,678	65,534	65,580
Unemployed (all civilian workers).....do.....			4,047	4,101	4,350	4,019	4,100	4,003	3,953	3,841	3,741	3,953	3,639	3,827	3,825	3,862
Long-term (15 weeks and over).....do.....			1,078	1,114	1,060	1,022	1,105	1,007	1,047	927	934	1,070	958	902	929	945
Rates (percent of those in group):																
All civilian workers.....			5.5	5.6	5.9	5.5	5.5	5.4	5.4	5.4	5.1	5.3	4.9	5.1	5.2	5.2
Experienced wage and salary workers.....			5.5													

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

EMPLOYMENT AND POPULATION—Continued

EMPLOYMENT—Continued																	
Employees on payrolls (nonagricultural estab.) :†																	
Total, unadjusted†.....thous.	55,841	57,174	58,211	58,426	58,220	58,585	56,909	57,045	57,388	57,945	58,500	59,212	58,993	*59,256	*59,821	59,783	
Manufacturing establishments.....do.	16,859	17,035	17,398	17,367	17,229	17,139	16,935	16,982	17,051	17,106	17,186	17,404	17,354	*17,553	*17,842	17,515	
Durable goods industries.....do.	9,493	9,659	9,801	9,811	9,789	9,765	9,666	9,676	9,734	9,801	9,844	9,951	9,904	*9,888	*10,156	9,903	
Non-durable goods industries.....do.	7,367	7,376	7,597	7,556	7,440	7,374	7,269	7,306	7,317	7,305	7,342	7,453	7,450	*7,665	*7,686	7,612	
Mining, total †.....do.	652	634	641	637	634	631	614	611	611	624	631	649	644	645	*642	642	
Metal mining.....do.	83	82	84	84	84	83	82	83	83	85	86	88	80	80	80	82	
Coal mining.....do.	152	139	134	136	136	137	135	134	130	129	128	129	129	129	129	130	
Crude petroleum and natural gas.....do.	299	293	295	290	292	295	280	287	288	289	291	302	305	305	299	299	
Contract construction.....do.	2,909	3,029	3,378	3,333	3,176	2,925	2,628	2,681	2,760	2,977	3,191	3,373	3,493	*3,552	*3,452	3,429	
Transportation and public utilities †.....do.	3,903	3,913	3,982	3,968	3,944	3,931	3,876	3,879	3,883	3,922	3,949	4,000	4,025	*4,039	*4,043	4,027	
Railroad transportation.....do.	797	774	780	776	770	773	755	753	754	762	764	770	774	*773	765	765	
Local and interurban passenger transp.....do.	271	273	276	278	279	282	284	283	273	278	279	270	262	261	277	277	
Motor freight trans. and storage.....do.	880	898	934	936	925	913	885	888	889	899	913	946	954	*960	*971	971	
Air transportation.....do.	200	210	212	212	213	214	215	214	215	217	219	222	225	226	227	227	
Telephone communication.....do.	688	688	693	691	685	685	685	688	691	699	701	709	718	720	716	716	
Electric, gas, and sanitary services.....do.	611	612	618	611	611	610	609	608	609	611	613	619	628	*631	623	623	
Wholesale and retail trade.....do.	11,582	11,865	11,942	12,014	12,166	12,774	11,917	11,837	11,926	11,987	12,100	12,252	12,247	*12,276	*12,309	12,399	
Wholesale trade.....do.	3,061	3,143	3,199	3,208	3,208	3,238	3,201	3,187	3,188	3,195	3,207	3,251	3,286	*3,307	*3,298	3,311	
Retail trade.....do.	8,521	8,722	8,743	8,806	8,958	9,536	8,716	8,650	8,738	8,792	8,893	9,001	8,961	*8,969	*9,011	9,088	
Finance, insurance, and real estate.....do.	2,798	2,866	2,887	2,884	2,878	2,880	2,875	2,885	2,895	2,913	2,924	2,958	2,991	*2,991	*2,964	2,954	
Services and miscellaneous.....do.	7,949	8,297	8,436	8,472	8,406	8,379	8,313	8,362	8,415	8,543	8,641	8,742	8,785	*8,765	*8,720	8,757	
Government.....do.	9,188	9,535	9,547	9,751	9,787	9,926	9,751	9,808	9,847	9,873	9,878	9,834	9,454	*9,453	*9,840	10,060	
Total, seasonally adjusted†.....do.	155,841	157,174	157,426	157,585	157,748	157,850	157,850	158,133	158,272	158,500	158,782	158,912	158,912	*158,955	*159,440	158,983	
Manufacturing establishments.....do.	16,859	17,035	17,076	17,119	17,061	17,127	17,119	17,175	17,247	17,301	17,323	17,367	17,409	*17,392	*17,516	17,264	
Durable goods industries.....do.	9,493	9,659	9,705	9,718	9,678	9,727	9,726	9,750	9,814	9,868	9,853	9,896	9,942	*9,932	*10,057	9,808	
Ordinance and accessories.....do.	271	277	275	277	275	276	276	270	268	266	262	258	263	261	247	245	
Lumber and wood products.....do.	589	586	588	589	595	598	596	601	607	599	592	590	595	*596	*586	584	
Furniture and fixtures.....do.	385	390	392	391	392	394	394	395	399	401	401	406	410	*407	*408	410	
Stone, clay, and glass products.....do.	594	608	610	611	614	612	612	618	623	621	623	628	630	629	629	626	
Primary metal industries.....do.	1,164	1,166	1,164	1,155	1,155	1,166	1,169	1,177	1,183	1,202	1,206	1,221	1,246	*1,240	*1,250	1,239	
Fabricated metal products.....do.	1,128	1,153	1,165	1,164	1,162	1,169	1,164	1,176	1,186	1,194	1,189	1,195	1,197	*1,209	*1,220	1,179	
Machinery.....do.	1,490	1,520	1,531	1,545	1,548	1,555	1,559	1,547	1,567	1,575	1,585	1,595	1,606	*1,615	*1,631	1,636	
Electrical equipment and supplies.....do.	1,579	1,582	1,574	1,571	1,557	1,566	1,564	1,559	1,563	1,570	1,571	1,573	1,583	*1,578	*1,595	1,588	
Transportation equipment.....do.	1,542	1,614	1,635	1,647	1,619	1,629	1,621	1,631	1,640	1,660	1,643	1,643	1,639	*1,626	*1,697	1,506	
Instruments and related products.....do.	360	372	373	373	373	375	375	375	377	377	376	380	381	380	381	383	
Miscellaneous manufacturing ind.....do.	391	393	398	395	398	397	396	401	401	403	405	407	408	411	*413	412	
Non-durable goods industries.....do.	7,367	7,376	7,371	7,401	7,373	7,390	7,393	7,425	7,428	7,433	7,470	7,471	7,467	*7,460	*7,459	7,456	
Food and kindred products.....do.	1,760	1,738	1,723	1,742	1,733	1,741	1,741	1,743	1,735	1,724	1,725	1,712	1,710	*1,713	*1,704	1,705	
Tobacco manufactures.....do.	91	89	86	89	95	91	88	89	90	90	90	90	90	*87	*84	91	
Textile mill products.....do.	903	890	886	890	889	888	891	897	899	897	898	897	895	*895	*898	901	
Apparel and related products.....do.	1,267	1,298	1,306	1,312	1,291	1,295	1,299	1,310	1,309	1,318	1,336	1,348	1,337	*1,334	*1,339	1,338	
Paper and allied products.....do.	614	621	622	620	622	624	624	627	627	629	630	631	633	633	632	632	
Printing, publishing, and allied ind.....do.	925	928	935	934	931	939	940	942	943	947	953	953	952	*953	*953	948	
Chemicals and allied products.....do.	846	866	869	871	870	871	872	872	876	873	877	884	885	*884	*885	882	
Petroleum refining and related ind.....do.	195	188	190	189	189	188	186	185	185	185	184	184	184	184	184	184	
Rubber and misc. plastic products.....do.	406	409	402	402	406	405	407	412	416	419	422	418	422	*423	*424	418	
Leather and leather products.....do.	360	350	352	352	347	348	345	348	348	351	355	354	357	354	356	357	
Mining.....do.	652	634	632	629	630	630	623	624	625	631	628	638	643	634	*633	634	
Contract construction.....do.	2,909	3,029	3,071	3,066	3,057	3,069	3,017	3,169	3,162	3,144	3,159	3,179	3,187	*3,186	*3,138	3,155	
Transportation and public utilities.....do.	3,903	3,913	3,950	3,937	3,928	3,915	3,923	3,934	3,930	3,964	3,961	3,964	3,985	*4,003	*4,011	3,995	
Wholesale and retail trade.....do.	11,582	11,865	11,922	11,935	11,941	11,963	12,072	12,143	12,143	12,211	12,209	12,268	12,300	*12,306	*12,288	12,318	
Finance, insurance, and real estate.....do.	2,798	2,866	2,873	2,887	2,882	2,892	2,904	2,911	2,918	2,925	2,930	2,937	2,944	*2,944	*2,947	2,957	
Services and miscellaneous.....do.	7,949	8,297	8,377	8,430	8,423	8,447	8,474	8,515	8,552	8,543	8,572	8,596	8,655	*8,678	*8,668	8,713	
Government.....do.	9,188	9,535	9,547	9,643	9,653	9,705	9,718	9,712	9,755	9,793	9,808	9,833	9,789	*9,812	*9,845	9,947	
Production workers on mfg. payrolls, unadjusted:†																	
Total, unadjusted†.....thous.	12,494	12,585	12,923	12,895	12,756	12,665	12,472	12,518	12,584	12,634	12,710	12,892	12,814	*13,009	13,322	13,017	
Seasonally adjusted.....do.			12,611	12,649	12,590	12,653	12,639	12,697	12,759	12,813	12,824	12,864	12,892	*12,884	13,018	12,773	
Durable goods industries, unadjusted.....do.	6,946	7,059	7,193	7,204	7,180	7,155	7,064	7,075	7,132	7,198	7,241	7,332	7,268	*7,253	*7,533	7,299	
Seasonally adjusted.....do.			7,097	7,110	7,083	7,129	7,120	7,148	7,207	7,260	7,236	7,278	7,311	*7,312	*7,440	7,205	
Ordinance and accessories.....do.	120	119	119	120	119	119	118	114	113	112	109	107	105	104	107	106	
Lumber and wood products.....do.	526	524	551	543	534	522	502	504	506	518	522	554	558	*559	*551	538	
Furniture and fixtures.....do.	320	324	333	334	332	329	324	325	327	330	328	337	336	*344	*348	350	
Stone, clay, and glass products.....do.	479	490	510	504	501	486	467	471	480	494	506	521	522	*527	*528	520	
Primary metal industries.....do.	936	942	942	940	948	941	945	958	966	979	980	1,000	998	*1,004	*1,023	1,008	
Blast furnaces, steel and rolling mills.....do.	421	424	420	410	408	414	418	428	434	444	452	462	466	*460	*477	477	
Fabricated metal products.....do.	864	884	909	913	907	904	891	892	898	906	911	927	968	*930	*957	925	
Machinery.....do.	1,036	1,053	1,055	1,056	1,059	1,077	1,083	1,031	1,104	1,112	1,116	1,124	1,114	*1,112	*1,136	1,131	
Electrical equipment and supplies.....do.	1,060	1,057	1,067	1,074	1,065	1,062	1,051	1,040	1,037	1,036	1,035	1,047	1,046	*1,062	*1,098	1,100	
Transportation equipment †.....do.	1,061	1,113	1,125	1,149	1,157	1,162	1,152	1,148	1,153	1,160	1,158	1,146	1,121	*1,030	*1,190	1,020	
Motor vehicles and equipment.....do.	534	572	584	599	608	612	605	598	604	608	608	600	584	*489	*634	467	
Aircraft and parts.....do.	351	356	356	361	363	366	363	360	357	354	349	344	339	339	348	350	
Instruments and related products.....do.	230	237	240	240	241	240	237	237	238								

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

EMPLOYMENT AND POPULATION—Continued

EMPLOYMENT—Continued																
Miscellaneous employment data:																
Federal civilian employees (executive branch):																
United States.....thous.....	2,311	2,328	2,312	2,314	2,313	2,452	2,293	2,291	2,293	2,304	2,302	2,314	2,325	2,326	2,290	
Wash., D.C., metropolitan area.....do.....	230	239	239	240	240	1,243	239	240	241	241	241	246	249	247	243	
Railroad employees (class I railroads):																
Total.....do.....	720	714	703	699	694	693	680	676	677	685	688	693	697	695	685	
Index, seasonally adjusted.....1957-59=100.....	79.5	77.1	78.2	78.5	79.3	79.5	73.8	74.3	74.9	75.7	75.3	75.2	75.6	76.1	76.2	
INDEXES OF WEEKLY PAYROLLS†																
Construction (construction workers)†, 1957-59=100.....	116.4	127.0	149.5	149.7	131.5	119.2	102.4	109.2	114.1	127.1	139.7	149.8	157.1	162.6	150.4	
Manufacturing (production workers)†.....do.....	113.7	118.0	122.6	122.6	121.5	122.4	117.7	119.4	120.4	122.0	123.6	126.1	124.4	126.6	131.1	
Mining (production workers)†.....do.....	90.5	90.6	94.0	92.8	90.5	91.4	87.8	86.9	85.9	89.4	92.5	96.2	94.4	96.2	94.6	
HOURS AND EARNINGS †																
Average weekly gross hours per production worker on payrolls of nonagr. estab., unadjusted:†																
All manufacturing estab., unadj.†.....hours.....	40.4	40.4	40.7	40.7	40.5	40.8	39.8	40.3	40.4	40.5	40.7	40.9	40.7	40.9	40.6	
Seasonally adjusted.....do.....			40.7	40.6	40.5	40.5	40.1	40.6	40.7	40.7	40.7	40.6	40.6	40.7	40.6	
Average overtime.....do.....	2.8	2.8	3.1	3.0	3.0	3.1	2.7	2.7	2.8	2.9	3.0	3.2	3.0	3.3	3.4	
Durable goods industries.....do.....	40.9	41.1	41.3	41.4	41.2	41.6	40.6	41.0	41.0	41.3	41.5	41.7	41.3	41.5	41.5	
Seasonally adjusted.....do.....			41.3	41.2	41.1	41.5	40.8	41.3	41.2	41.4	41.4	41.4	41.4	41.5	41.5	
Average overtime.....do.....	2.8	2.9	3.2	3.2	3.2	3.3	2.9	2.8	2.9	3.1	3.1	3.4	3.1	3.5	3.6	
Ordnance and accessories.....do.....	41.1	41.1	41.3	41.2	40.8	41.5	40.8	40.3	40.2	40.4	40.2	40.5	39.9	40.1	40.1	
Lumber and wood products.....do.....	39.8	40.1	40.8	40.8	39.7	40.0	38.6	39.6	39.7	39.9	40.5	40.8	40.5	40.9	40.0	
Furniture and fixtures.....do.....	40.7	40.9	41.6	41.6	41.3	41.9	39.4	40.7	40.7	40.7	40.5	41.1	40.8	41.9	41.4	
Stone, clay, and glass products.....do.....	40.9	41.3	41.8	42.1	41.5	40.6	39.8	40.7	40.8	41.6	42.1	42.1	42.1	42.1	41.6	
Primary metal industries.....do.....	40.2	41.0	40.7	40.4	40.6	41.3	41.1	41.1	41.4	41.6	41.8	42.0	41.6	41.8	42.8	
Blast furnaces, steel and rolling mills.....do.....	39.0	40.0	39.3	38.7	39.0	39.5	40.0	40.0	40.5	40.9	41.0	41.1	41.1	41.2	43.1	
Fabricated metal products.....do.....	41.1	41.4	41.9	41.8	41.5	41.9	40.9	41.2	41.2	41.5	41.8	41.9	41.6	42.1	41.7	
Machinery.....do.....	41.7	41.8	41.9	41.8	41.8	42.5	41.8	42.3	42.4	42.5	42.7	42.9	42.4	42.2	41.9	
Electrical equipment and supplies.....do.....	40.6	40.4	40.7	40.6	40.4	40.8	40.0	40.2	40.2	40.3	40.4	40.5	40.3	40.7	40.7	
Transportation equipment.....do.....	42.0	42.0	41.9	42.7	42.8	43.0	41.5	41.5	41.4	42.0	42.0	42.5	41.6	41.6	42.3	
Motor vehicles and equipment.....do.....	42.7	42.8	42.1	43.9	44.3	44.7	42.2	42.2	41.7	42.9	42.9	43.8	42.3	42.5	43.9	
Aircraft and parts.....do.....	41.8	41.5	41.7	41.6	41.4	41.5	41.1	41.0	40.9	41.0	40.9	41.2	41.0	40.9	40.9	
Instruments and related products.....do.....	40.9	40.8	41.1	41.1	41.0	41.0	39.8	40.5	40.4	40.5	40.7	41.0	40.8	41.0	41.0	
Miscellaneous mfg. industries.....do.....	39.7	39.6	39.9	40.1	39.8	39.8	38.4	39.5	39.8	39.6	39.4	39.7	39.3	39.9	39.3	
Nonmanufacturing industries, unadj.....do.....	39.6	39.6	39.9	39.9	39.6	39.9	38.7	39.4	39.5	39.4	39.7	39.9	39.8	40.1	39.5	
Seasonally adjusted.....do.....			39.7	39.8	39.5	39.6	39.1	39.9	39.9	39.8	39.8	39.7	39.5	39.7	39.3	
Average overtime.....do.....	2.7	2.7	3.0	2.9	2.8	2.8	2.5	2.6	2.6	2.7	2.8	2.9	2.9	3.1	3.1	
Food and kindred products.....do.....	40.9	40.9	41.6	41.2	41.0	41.1	40.3	40.2	40.1	40.3	40.9	41.0	41.1	41.1	41.2	
Tobacco manufactures.....do.....	38.6	38.6	39.7	39.7	38.9	39.4	36.9	35.3	37.8	39.5	39.3	39.7	38.9	38.9	39.3	
Textile mill products.....do.....	40.6	40.6	40.6	41.3	41.3	41.3	40.0	40.9	40.7	40.7	41.1	41.3	40.8	41.3	39.8	
Apparel and related products.....do.....	36.2	36.1	36.3	36.3	35.8	35.9	33.9	36.3	36.4	36.1	35.9	36.2	36.3	36.7	34.9	
Paper and allied products.....do.....	42.5	42.7	43.2	43.2	42.8	43.0	42.1	42.5	42.4	42.5	42.7	43.0	43.0	43.3	43.1	
Printing, publishing, and allied ind.....do.....	38.3	38.3	38.6	38.4	38.2	38.9	37.9	38.2	38.5	38.5	38.5	38.4	38.3	38.8	38.7	
Chemicals and allied products.....do.....	41.5	41.5	41.5	41.4	41.4	41.7	41.1	41.3	41.6	41.6	41.7	41.7	41.5	41.3	41.9	
Petroleum refining and related ind.....do.....	41.6	41.7	42.2	41.7	41.5	41.4	41.3	41.4	41.4	41.3	42.0	42.1	42.3	42.1	43.0	
Petroleum refining.....do.....	41.2	41.4	41.7	41.0	41.5	41.5	41.4	41.3	41.2	40.9	41.3	41.2	41.4	41.3	42.4	
Rubber and misc. plastic products.....do.....	41.0	40.8	41.4	41.1	41.0	41.7	40.5	40.6	40.8	40.9	41.4	41.6	40.8	41.9	41.9	
Leather and leather products.....do.....	37.6	37.5	37.5	37.8	37.2	38.9	37.4	38.2	37.7	36.5	37.6	38.5	38.6	38.5	37.2	
Nonmanufacturing establishments:†																
Mining.....do.....	41.0	41.6	42.1	42.3	41.3	41.6	41.2	41.4	41.1	41.5	42.0	42.3	41.9	42.2	41.4	
Metal mining.....do.....	41.5	41.2	41.6	41.3	41.2	42.1	42.3	41.2	42.0	41.6	42.0	41.8	41.1	41.2	41.6	
Coal mining.....do.....	36.6	38.8	39.2	39.0	37.8	39.7	39.3	38.2	36.6	37.6	38.7	40.2	42.4	39.7	37.4	
Crude petroleum and natural gas.....do.....	42.0	42.1	42.1	42.5	42.2	42.3	41.9	42.3	42.4	42.1	42.1	42.0	42.4	41.6	41.5	
Contract construction.....do.....	37.0	37.3	38.3	38.9	36.4	35.3	34.1	35.9	36.5	37.1	37.9	38.2	38.1	38.6	36.5	
General building contractors.....do.....	35.6	36.0	36.6	37.3	35.1	34.3	32.8	35.1	35.9	36.0	36.5	36.6	36.5	37.0	35.2	
Heavy construction.....do.....	40.5	41.3	42.9	43.6	40.0	36.7	36.6	38.9	39.1	40.5	42.1	42.4	42.7	43.1	39.8	
Special trade contractors.....do.....	36.3	36.5	37.2	37.7	35.7	35.5	34.1	35.4	36.0	36.4	37.1	37.3	37.1	37.6	36.0	
Transportation and public utilities:																
Local and suburban transportation.....do.....	42.6	42.2	42.1	42.0	41.8	41.9	42.0	41.5	40.9	41.9	42.6	43.0	42.7	42.3	41.8	
Motor freight transportation and storage.....do.....	41.5	41.6	42.0	42.3	41.3	41.9	40.5	41.0	41.2	41.5	41.8	42.1	42.3	42.4	42.2	
Telephone communication.....do.....	39.9	40.0	40.5	40.4	40.8	39.6	39.3	39.6	39.5	39.3	39.8	40.0	40.2	40.2	41.8	
Electric, gas, and sanitary services.....do.....	41.0	41.2	41.4	41.4	41.4	41.5	41.5	41.0	41.0	41.0	41.2	41.2	41.7	41.1	41.4	
Wholesale and retail trade:																
Wholesale trade.....do.....	38.7	38.6	38.6	38.4	38.3	38.8	38.1	38.2	38.2	38.2	38.3	38.7	39.1	39.0	38.4	
Wholesale trade.....do.....	40.6	40.6	40.6	40.7	40.5	40.9	40.2	40.3	40.5	40.6	40.7	40.8	40.9	40.8	40.6	
Retail trade.....do.....	37.9	37.8	37.7	37.5	37.3	38.0	37.1	37.2	37.1	37.2	37.3	37.8	38.3	38.2	37.4	
Services and miscellaneous:																
Hotels, tourist courts, and motels.....do.....	39.1	39.0	39.2	39.1	38.8	38.6	38.8	39.1	39.0	38.8	38.6	38.4	39.3	39.4	38.1	
Laundries, cleaning and dyeing plants.....do.....	38.9	39.0	39.1	39.0	38.8	38.9	38.0	38.3	38.6	38.9	39.3	39.0	38.7	38.7	38.5	
Average weekly gross earnings per production worker on payrolls of nonagr. estab.:†																
All manufacturing establishments.....dollars.....	96.56	99.38	100.53	100.53	100.85	102.41	99.90	101.15	101.40	102.06	102.97	103.48	102.97	103.07	103.94	
Durable goods industries.....do.....	104.70	108.09	109.45	109.71	110.00	111.90	109.21	109.88	110.29	111.51	112.47	113.01	111.92	112.05	113.71	
Ordnance and accessories.....do.....	116.31	119.60	121.01	121.13	120.36	123.26	121.18	119.29	119.39	119.99	120.20	121.50	119.70	121.10	122.82	
Lumber and wood products.....do.....	79.20	81.80	86.50	85.68	82.97	83.20	79.90	81.97	82.18	84.19	86.27	87.72	87.48	89.57	87.60	
Furniture and fixtures.....do.....	79.37	81.39	84.03	84.03	83.43	85.06	79.59	82.21	82.62	82.62	81.81	83.43	83.23	85.48	85.28	
Stone, clay, and glass products.....do.....	98.57	102.42	104.50	105.67	103.75	101.50	99.50	101.75	102.00	104.83	106.93	107.36	107.36	107.78	107.33	
Primary metal industries.....do.....	119.80	124.64	123.73	122.41	123.42	126.38	125.77	126.18	127.51	128.54	129.58	130.20	128.96	130.00	136.53	
Fabricated metal products.....do.....	104.81	108.05	110.20	109.93	109.56	111.04	108.79	109.18	109.59	111.22	112.02	112.29	111.07	113.25	113.01	
Machinery.....do.....	113.01	116.20	117.32	117.94	117.88	120.70	118.71	120.56	121.26	121.98	122.98	123.55	121.69	121.11	120.67	
Electrical equipment and supplies.....do.....	97.44	99.38	100.53	100.28	100.60	102.41	100.40	100.90	100.90	101.56	101.81	102.47	101.96	102.56	102.97	
Transportation equipment.....do.....	122.22	126.42	127.80	131.52	132.68	133.30	127.41	126.99	126.68	129.36	129.36	131.75	128.54	129.38	133.25	
Instruments and related products.....do.....	99.80															

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

EMPLOYMENT AND POPULATION—Continued

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																
Food and kindred products.....do.....	85.54	87.91	89.38	88.98	89.10	90.17	87.85	89.04	89.67	89.83	90.52	90.97	91.14	91.43	91.64	91.54
Tobacco manufactures.....do.....	91.62	94.48	95.68	94.35	95.94	96.59	95.91	95.68	95.84	96.32	98.16	97.99	97.82	97.00	98.06	97.51
Textile mill products.....do.....	71.41	73.73	71.46	71.46	73.13	74.85	72.69	68.84	75.60	80.19	80.17	81.39	80.13	75.08	72.31	72.58
Apparel and related products.....do.....	68.21	69.43	69.83	71.04	72.28	72.69	70.40	71.98	71.63	71.63	72.75	73.10	71.81	73.10	71.64	75.71
Paper and allied products.....do.....	61.18	62.09	64.25	64.25	63.01	63.54	60.00	64.61	64.79	63.90	63.54	63.71	64.25	65.69	62.82	64.98
Printing, publishing, and allied ind.....do.....	102.00	105.90	108.43	108.43	107.43	108.36	106.09	107.10	106.85	107.53	108.46	109.65	110.51	111.71	112.06	111.89
Chemicals and allied products.....do.....	107.62	110.30	112.71	111.74	110.78	113.98	110.67	111.93	113.58	113.58	113.96	113.28	112.99	114.85	115.71	115.71
Petroleum refining and related ind.....do.....	109.98	112.88	114.13	113.85	113.85	115.09	113.55	113.99	114.40	114.40	115.51	116.34	116.20	116.05	119.83	116.75
Rubber and misc. plastic products.....do.....	126.88	131.77	134.20	131.77	132.39	132.89	132.16	132.07	131.24	130.92	133.14	133.46	134.09	133.88	140.61	134.50
Leather and leather products.....do.....	100.04	100.78	102.67	101.93	102.91	105.08	101.25	101.09	101.59	102.25	104.74	105.66	103.63	107.68	108.94	107.43
Nonmanufacturing establishments:†	64.67	66.00	67.13	67.66	66.59	69.63	66.95	68.76	68.24	66.43	68.43	70.46	70.25	70.46	68.45	68.63
Mining?.....do.....	110.70	114.40	117.04	116.75	113.99	116.48	115.36	115.09	113.85	115.37	117.60	118.44	117.32	119.43	117.99	-----
Metal mining.....do.....	117.45	118.66	121.06	120.60	119.89	122.51	123.09	122.51	122.64	122.30	123.90	123.73	122.07	121.95	124.80	-----
Coal mining.....do.....	113.09	119.95	123.48	121.68	117.94	125.85	124.97	121.09	115.66	121.45	125.78	131.86	121.32	131.01	124.17	-----
Crude petroleum and natural gas.....do.....	109.20	111.99	113.67	113.05	113.10	113.79	112.71	112.94	112.78	111.57	111.99	110.88	113.21	111.90	112.88	-----
Contract construction.....do.....	122.47	127.57	132.90	134.98	125.58	124.96	122.08	127.09	128.48	131.33	133.03	133.70	134.87	137.03	130.67	-----
General building contractors.....do.....	112.50	117.72	121.88	124.58	116.53	115.93	111.52	118.29	120.98	122.76	123.37	123.34	127.74	126.54	122.14	-----
Heavy construction.....do.....	122.81	128.03	136.85	138.65	124.00	118.17	118.95	123.31	121.99	127.98	133.88	135.26	138.35	140.94	129.75	-----
Special trade contractors.....do.....	128.50	133.59	137.64	139.49	131.38	133.48	129.24	133.81	135.36	137.23	139.13	139.50	140.98	142.50	137.52	-----
Transportation and public utilities:																
Local and suburban transportation.....do.....	100.11	101.70	102.30	102.48	102.41	102.24	103.32	101.68	98.98	103.49	105.65	106.64	106.75	105.33	104.92	-----
Motor freight transportation and storage.....do.....	113.30	117.31	120.12	120.13	117.29	120.67	116.24	118.49	119.89	121.18	122.47	122.93	123.09	125.08	124.49	-----
Telephone communication.....do.....	98.95	102.40	105.30	105.04	106.08	103.36	102.18	102.56	102.70	101.79	104.28	104.40	104.52	104.52	109.52	-----
Electric, gas, and sanitary services.....do.....	116.85	121.13	123.37	122.96	123.79	124.92	124.09	123.00	123.00	123.00	124.42	124.42	125.93	124.94	127.10	-----
Wholesale and retail trade:§																
Wholesale trade.....do.....	75.08	77.59	78.36	77.95	77.75	77.60	78.11	78.69	78.69	79.07	79.66	80.50	81.33	81.12	80.64	-----
Retail trade:§.....do.....	96.22	99.47	100.69	100.94	100.85	101.43	100.10	100.75	101.66	102.31	102.97	102.82	103.07	103.22	103.12	-----
Finance, insurance, and real estate:																
Banking.....do.....	71.80	74.97	75.14	74.97	75.35	76.13	76.70	77.08	76.09	75.92	76.26	75.89	76.50	76.13	76.63	-----
Insurance carriers:¶.....do.....	93.46	96.28	96.72	96.79	96.86	97.67	91.36	92.14	91.55	91.63	92.04	91.99	92.03	92.23	92.14	-----
Services and miscellaneous:																
Hotels, tourist courts, and motels.....do.....	46.14	47.58	48.22	48.09	47.72	47.86	47.72	47.70	47.97	48.89	49.02	47.62	47.95	47.28	47.63	-----
Laundries, cleaning and dyeing plants:Δ.....do.....	50.87	51.87	52.00	51.87	51.99	52.13	53.58	54.00	54.81	55.63	56.59	56.16	55.73	55.73	56.21	-----
Average hourly gross earnings per production worker on payrolls of nonagric. estab.—†																
All manufacturing establishments†.....dollars																
Excluding overtime?.....do.....	2.39	2.46	2.47	2.47	2.49	2.51	2.51	2.51	2.51	2.52	2.53	2.53	2.53	2.52	2.56	2.53
Durable goods industries.....do.....	2.31	2.37	2.38	2.38	2.40	2.42	2.43	2.42	2.43	2.44	2.44	2.44	2.44	2.42	2.46	2.43
Excluding overtime?.....do.....	2.56	2.63	2.65	2.65	2.67	2.69	2.69	2.68	2.69	2.70	2.71	2.71	2.71	2.70	2.74	2.70
Nondurable goods industries.....do.....	2.48	2.54	2.55	2.55	2.57	2.58	2.60	2.59	2.60	2.61	2.61	2.60	2.61	2.60	2.63	2.60
Excluding overtime?.....do.....	2.83	2.91	2.93	2.94	2.95	2.97	2.97	2.96	2.97	2.97	2.99	3.00	3.00	3.02	3.03	3.04
Food and kindred products.....do.....	1.99	2.04	2.12	2.10	2.09	2.08	2.07	2.07	2.07	2.11	2.13	2.15	2.16	2.19	2.18	-----
Furniture and fixtures.....do.....	1.95	1.99	2.02	2.02	2.02	2.03	2.02	2.02	2.03	2.03	2.02	2.03	2.04	2.04	2.06	2.06
Stone, clay, and glass products.....do.....	2.41	2.48	2.50	2.51	2.50	2.50	2.50	2.50	2.50	2.52	2.54	2.55	2.55	2.56	2.57	-----
Primary metal industries.....do.....	2.98	3.04	3.04	3.03	3.04	3.06	3.06	3.06	3.08	3.09	3.10	3.10	3.10	3.11	3.10	3.11
Blast furnaces, steel and rolling mills.....do.....	3.29	3.36	3.35	3.33	3.33	3.36	3.35	3.37	3.37	3.39	3.40	3.39	3.38	3.40	3.52	-----
Fabricated metal products.....do.....	2.55	2.61	2.63	2.63	2.64	2.65	2.66	2.65	2.66	2.68	2.68	2.68	2.67	2.69	2.71	2.67
Machinery.....do.....	2.71	2.78	2.80	2.80	2.82	2.84	2.84	2.85	2.86	2.87	2.88	2.88	2.87	2.87	2.88	2.88
Electrical equipment and supplies.....do.....	2.40	2.46	2.47	2.47	2.49	2.51	2.51	2.51	2.52	2.52	2.52	2.53	2.53	2.52	2.53	2.53
Transportation equipment?.....do.....	2.91	3.01	3.05	3.08	3.10	3.10	3.07	3.06	3.06	3.08	3.08	3.10	3.09	3.11	3.15	3.07
Motor vehicles and equipment.....do.....	2.99	3.10	3.14	3.18	3.21	3.21	3.17	3.14	3.14	3.17	3.18	3.20	3.18	3.23	3.27	-----
Aircraft and parts.....do.....	2.87	2.95	2.99	2.99	3.00	3.01	3.01	3.02	3.01	3.02	3.03	3.03	3.05	3.06	3.08	3.10
Instruments and related products.....do.....	2.44	2.49	2.50	2.50	2.51	2.51	2.51	2.51	2.51	2.52	2.52	2.53	2.53	2.53	2.54	2.54
Miscellaneous mfg. industries.....do.....	1.97	2.03	2.02	2.03	2.05	2.07	2.08	2.08	2.08	2.09	2.08	2.08	2.07	2.06	2.07	2.09
Nondurable goods industries.....do.....	2.16	2.29	2.24	2.23	2.25	2.26	2.27	2.26	2.27	2.28	2.28	2.28	2.29	2.28	2.32	2.30
Excluding overtime?.....do.....	2.09	2.15	2.16	2.16	2.17	2.19	2.20	2.19	2.20	2.20	2.20	2.20	2.21	2.20	2.23	2.22
Food and kindred products.....do.....	2.24	2.31	2.30	2.29	2.34	2.35	2.38	2.38	2.39	2.39	2.40	2.39	2.38	2.36	2.38	2.39
Tobacco manufactures.....do.....	1.85	1.91	1.80	1.80	1.80	1.80	1.97	1.95	2.00	2.03	2.04	2.05	2.06	1.93	1.84	1.81
Textile mill products.....do.....	1.68	1.71	1.72	1.72	1.75	1.76	1.76	1.75	1.76	1.76	1.77	1.77	1.76	1.77	1.80	1.82
Apparel and related products.....do.....	1.69	1.72	1.77	1.77	1.76	1.77	1.77	1.78	1.78	1.77	1.77	1.76	1.77	1.79	1.80	1.80
Paper and allied products.....do.....	2.40	2.48	2.51	2.51	2.51	2.52	2.52	2.52	2.52	2.53	2.54	2.55	2.57	2.58	2.60	2.59
Printing, publishing, and allied ind.....do.....	2.81	2.88	2.92	2.91	2.90	2.93	2.92	2.93	2.95	2.95	2.96	2.95	2.95	2.96	2.99	2.99
Chemicals and allied products.....do.....	2.65	2.72	2.75	2.75	2.75	2.76	2.77	2.76	2.75	2.75	2.77	2.79	2.80	2.81	2.86	2.82
Petroleum refining and related ind.....do.....	3.05	3.16	3.18	3.16	3.19	3.21	3.20	3.19	3.17	3.17	3.17	3.17	3.17	3.18	3.25	3.21
Petroleum refining.....do.....	3.19	3.32	3.35	3.33	3.36	3.37	3.35	3.34	3.33	3.33	3.34	3.35	3.35	3.36	3.46	3.39
Rubber and misc. plastic products.....do.....	2.44	2.47	2.48	2.48	2.51	2.52	2.50	2.49	2.49	2.50	2.53	2.54	2.54	2.57	2.60	2.57
Leather and leather products.....do.....	1.72	1.76	1.79	1.79</												

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

EMPLOYMENT AND POPULATION—Continued

HOURS AND EARNINGS—Continued																
Miscellaneous wages:																
Construction wages, 20 cities (ENR): \$																
Common labor..... \$ per hr.	2.946	3.082	3.134	3.134	3.134	3.139	3.154	3.169	3.169	3.187	3.202	3.233	3.282	3.295	3.295	3.300
Skilled labor..... do.	4.348	4.525	4.591	4.602	4.602	4.611	4.636	4.640	4.644	4.658	4.680	4.728	4.769	4.787	4.807	4.812
Farm, without board or rm., 1st of mo. do.	1.101	1.105		.99			1.14						1.13			1.01
Railroad wages (average, class I)..... do.	2.740	2.823	2.782	2.748	2.785	2.785	2.765	2.803	2.764	2.765	2.785	2.774				
Road-building, com. labor (qtrly.)..... do.	2.31	2.38		2.45			2.27									
LABOR CONDITIONS																
Help-wanted advertising, seas. adj.†, 1957-59=100..	110	109	107	111	112	118	116	117	118	120	118	121	124	123	126	127
Labor turnover in manufacturing estab.: †																
Accession rate, total, mo. rate per 100 employees..	4.1	3.9	4.8	3.9	2.9	2.5	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.5	
Seasonally adjusted..... do.			3.9	3.9	3.6	3.9	3.7	4.0	4.0	4.0	3.8	4.1	4.1	3.9	3.6	
New hires..... do.	2.5	2.4	3.1	2.6	1.8	1.4	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.3	
Separation rate, total..... do.	4.1	3.9	4.9	4.1	3.8	3.7	4.0	3.3	3.5	3.5	3.6	3.5	4.3	4.2	4.9	
Seasonally adjusted..... do.			3.9	3.7	3.7	3.7	4.0	3.8	3.8	3.9	4.0	3.9	4.2	3.7	3.9	
Quit..... do.	1.4	1.4	2.4	1.5	1.1	.8	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.6	
Layoff..... do.	2.0	1.8	1.8	1.9	2.1	2.3	2.0	1.5	1.6	1.4	1.4	1.4	2.1	1.4	1.5	
Seasonally adjusted..... do.			1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.6	1.7	1.6	2.0	1.5	1.5	
Industrial disputes (strikes and lockouts):																
Beginning in month:																
Work stoppages..... number	301	280	287	346	223	132	210	225	220	300	410	360	420	340	275	
Workers involved..... thous.	102	78	81	96	80	27	60	80	65	122	176	134	133	83	342	
In effect during month:																
Work stoppages..... number			500	574	467	336	370	375	360	450	570	585	660	595	515	
Workers involved..... thous.			155	153	152	82	100	125	100	163	218	227	194	147	409	
Man-days idle during month..... do.	1,550	1,340	985	1,420	1,410	977	1,010	1,130	800	1,100	2,180	1,930	1,710	1,350	2,320	
EMPLOYMENT SERVICE AND UNEMPLOYMENT INSURANCE																
Nonfarm placements..... thous.	560	548	664	662	493	432	443	414	478	541	572	572	549	554	639	
Unemployment insurance programs:																
Insured unemployment, all programs..... do.	1,924	1,939	1,372	1,445	1,667	2,113	2,559	2,408	2,200	1,886	1,552	1,390	1,445	1,358	1,218	
State programs:																
Initial claims..... do.	1,309	1,285	957	1,157	1,200	1,865	1,848	1,181	1,136	1,086	908	976	1,238	937	858	
Insured unemployment, weekly avg. do.	1,783	1,806	1,261	1,333	1,542	1,972	2,395	2,243	2,050	1,755	1,447	1,297	1,343	1,261	1,125	
Percent of covered employment:‡																
Unadjusted..... do.	4.4	4.3	3.0	3.1	3.6	4.7	5.7	5.3	4.9	4.2	3.4	3.1	3.1	2.9	2.5	
Seasonally adjusted§..... do.			4.0	4.1	4.1	4.3	4.2	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.4	
Beneficiaries, weekly average..... thous.	1,525	1,541	1,107	1,070	1,127	1,524	1,997	2,015	1,887	1,678	1,347	1,142	1,108	1,085	943	
Benefits paid..... mil. \$.	223.0	231.2	163.1	172.0	165.0	233.0	319.3	283.8	292.6	258.0	201.5	183.1	180.5	164.5	148.4	
Federal employees, insured unemployment:																
Veterans' program (UCX):																
Initial claims..... do.	28	29	28	31	29	39	39	29	28	27	20	25	32	26	25	
Insured unemployment, weekly avg. do.	50	55	42	43	48	60	73	72	67	57	46	42	44	43	36	
Beneficiaries, weekly average..... do.	47	52	40	38	39	52	67	71	59	64	48	42	38	41	36	
Benefits paid..... mil. \$.	6.6	7.6	5.7	5.9	5.4	7.6	10.2	9.6	8.9	9.7	7.0	6.6	6.2	6.3	5.9	
Railroad program:																
Applications..... thous.	17	13	15	12	11	12	13	7	5	13	5	16	38			
Insured unemployment, weekly avg. do.	62	47	41	41	45	47	53	51	45	42	32	27	31	29	32	
Benefits paid..... mil. \$.	11.1	8.3	6.4	7.5	6.7	8.6	9.9	8.8	8.5	7.4	5.2	4.9	4.9			

FINANCE

BANKING																
Open market paper outstanding, end of mo.:																
Bankers' acceptances..... mil. \$.	2,650	2,890	2,709	2,733	2,744	2,890	2,938	3,056	3,102	3,102	3,049	3,149	3,137	3,127	3,175	
Commercial and finance co. paper, total..... do.	6,000	6,747	7,161	7,869	8,170	6,747	7,765	8,119	7,737	7,920	8,326	8,036	8,879	8,879	8,444	
Placed through dealers..... do.	2,088	1,928	2,098	2,230	2,172	1,928	2,042	2,079	2,038	2,039	1,973	1,948	2,006	2,070	2,220	
Placed directly (finance paper)..... do.	3,912	4,819	5,063	5,639	5,998	4,819	5,723	6,040	5,699	5,881	6,353	6,088	6,873	6,809	6,224	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of mo..... mil. \$.	5,753	6,403	6,430	6,418	6,366	6,403	6,460	6,542	6,627	6,727	6,813	6,940	7,048	7,081	7,084	
Farm mortgage loans:																
Federal land banks..... do.	3,052	3,310	3,259	3,280	3,291	3,310	3,333	3,364	3,406	3,445	3,481	3,516	3,551	3,586	3,620	
Loans to cooperatives..... do.	735	840	735	848	858	840	866	849	815	786	747	757	782	787	809	
Other loans and discounts..... do.	1,966	2,253	2,436	2,290	2,217	2,253	2,261	2,330	2,405	2,496	2,585	2,667	2,715	2,707	2,656	
Bank debts:																
Unadjusted:																
Total (344 centers)..... bil. \$.	286.4	312.9	310.4	337.2	296.6	357.1	360.8	264.9	342.9	349.9	329.6	353.6	362.9	319.4	339.0	353.5
New York City..... do.	118.0	129.7	130.3	136.9	116.7	151.0	153.9	121.1	145.8	148.2	135.3	151.2	154.5	128.3	142.9	146.1
6 other leading centers..... do.	58.5	64.6	63.1	71.3	63.8	74.6	73.5	60.5	71.1	72.8	68.6	70.9	72.9	65.8	68.0	72.0
Seasonally adjusted:																
Total (344 centers)..... do.			329.7	326.7	312.7	333.0	339.9	316.1	331.6	350.2	327.8	334.2	354.0	338.1	351.6	350.5
New York City..... do.			140.1	133.7	125.4	139.6	143.7	129.4	138.1	146.0	135.1	140.2	151.5	140.4	149.5	146.0
6 other leading centers..... do.			67.0	69.4	67.3	69.7	69.6	65.5	68.4	72.4	67.7	67.5	71.4	68.8	70.4	71.7
337 other centers..... do.			122.6	123.6	120.0	123.7	126.6	121.1	125.1	131.8	125.0	126.5	131.1	128.9	131.7	132.8
Federal Reserve banks, condition, end of mo.:																
Assets, total ♀..... mil. \$.	56,020	58,028	55,615	56,336	57,848	58,028	56,389	56,928	56,629	57,101	57,158	57,742	57,882	57,964	59,421	59,643
Reserve bank credit outstanding, total ♀ do.	33,902	36,418	34,302	34,587	35,919	36,418	34,643	35,274	35,314	35,115	36,066	36,589	36,797	36,941	37,111	37,902
Discounts and advances..... do.	38	63	138	332	868	63	364	570	130	116	226	79	239	185	95	415
U.S. Government securities..... do.	30,820	33,593	32,563	32,758	33,667	33,593	32,752	33,169	33,770	33,169	34,229	34,794	35,051	35,164	35,350	35,709
Gold certificate reserves..... do.	15,696	15,237	15,309	15,310	15,294	15,237	15,231	15,185	15,190	15,195	15,176	15,185	15,188	15,192	15,190	15,185
Liabilities, total ♀..... do.	56,020	58,028	55,615	56,336	57,848	58,028	56,389	56,928	56,629	57,101	57,158	57,742	57,882	57,964	59,421	59,643
Deposits, total ♀..... do.	18,722	18,391	18,093	18,187	18,200	18,391	18,120	18,532	18,258	17,913	18,232	18,250	18,445	18,365	18,396	18,883
Member-bank reserve balances..... do.	17,454	17,049	16,772	16,922	16,952	17,049	16,963	17,146	17,060	16,629	16,890	16,973	17,327	17,055	17,121	17,883
Federal Reserve notes in circulation..... do.	30,643	32,877	31,265	31,472	32,290	32,877	31,988	31,899	32,088	32,177	32,411	32,835	33,109	33,330	33,590	33,856
Ratio of gold certificate reserves to deposit and FR note liabilities combined..... percent.	31.8	29.7	31.0	30.8	30.3	29.7	30.4	30.1	30.2	30.3	30.0	29.7	29.5	29.4	29.2	28.8

† Revised. ‡ Preliminary. § Quarterly average.
 * Excludes persons under extended duration provisions (thous.): 1963—Sept., 36; Oct., 31; Nov., 20; Dec., 9; 1964—Jan., 3; Feb., 2; Mar., 1; Apr., 3; May, 54; June, 58; July, 46; Aug., 38; Sept., 38. † 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. 8-13. ¶ Wages as of Nov. 1, 1964: Common labor, \$3.305; skilled labor, \$4.815.
 † 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.

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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FINANCE—Continued

BANKING—Continued																
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$	120,040	120,746	19,945	20,003	20,114	20,746	20,675	20,148	20,213	20,273	20,219	20,558	20,663	20,564	20,927	21,031
Required.....do.	119,468	120,210	19,533	19,596	19,705	20,210	20,248	19,753	19,856	19,898	19,886	20,170	20,266	20,151	20,506	20,616
Excess.....do.	1,572	1,536	412	407	409	536	427	395	357	375	333	388	397	413	421	415
Borrowings from Federal Reserve banks.....do.	1,304	1,327	321	313	376	327	256	304	259	213	255	270	265	334	331	309
Free reserves.....do.	1,288	1,209	91	94	33	209	171	91	98	162	78	118	132	79	90	106
Weekly reporting member banks of Fed. Res. System, condition, Wed. nearest end of yr. or mo.:																
Deposits:																
Demand, adjusted♂.....mil. \$	65,843	67,844	61,885	63,809	63,950	67,844	64,940	62,565	62,532	63,959	61,472	62,664	63,674	62,689	63,722	65,079
Demand, total♀.....do.	102,109	104,335	95,237	90,875	93,771	104,335	90,224	90,575	95,811	91,232	91,474	98,717	90,754	93,372	99,479	94,544
Individuals, partnerships, and corp.....do.	71,531	74,513	66,320	67,322	69,001	74,513	67,605	65,460	66,659	66,813	64,312	67,206	66,397	66,168	68,867	68,627
States and political subdivisions.....do.	5,125	5,338	4,902	4,762	5,060	5,338	4,926	5,188	5,349	5,529	5,300	5,405	4,897	5,071	5,224	5,385
U.S. Government.....do.	4,749	4,556	6,229	2,304	2,714	4,556	1,545	3,755	5,130	2,948	4,997	7,286	3,604	4,511	6,951	3,389
Domestic commercial banks.....do.	14,321	13,320	12,270	11,452	11,569	13,320	10,739	10,810	12,192	10,464	11,218	11,784	10,441	12,028	12,318	11,699
Time, total♀.....do.	50,386	59,227	56,711	57,553	57,951	59,227	60,276	60,930	61,446	62,223	63,100	63,112	63,921	64,440	64,719	65,478
Individuals, partnerships, and corp.:																
Savings.....do.	34,920	38,083	37,342	37,534	37,699	38,083	38,131	38,291	38,704	38,437	38,726	39,053	39,168	39,477	39,873	40,061
Other time.....do.	9,221	13,310	12,013	12,639	12,796	13,310	14,057	14,390	14,418	14,950	15,468	15,360	15,943	16,000	15,854	16,464
Loans (adjusted), total♂.....do.	82,947	92,901	87,366	86,598	88,578	92,901	89,122	89,875	92,002	92,208	93,658	96,022	94,568	96,015	97,784	96,546
Commercial and industrial.....do.	35,351	38,793	36,145	36,296	37,254	38,793	37,195	37,590	38,308	38,057	38,243	38,785	38,498	39,091	39,953	39,886
For purchasing or carrying securities.....do.	5,928	6,621	6,229	5,407	5,852	6,621	5,929	5,695	6,033	5,952	6,598	6,903	6,384	6,505	6,796	5,807
To nonbank financial institutions.....do.	7,865	8,595	7,731	7,243	7,226	8,595	7,339	7,511	8,179	7,881	8,013	8,887	8,064	8,340	8,558	8,368
Real estate loans.....do.	15,519	17,880	17,455	17,651	17,846	17,880	17,991	18,161	18,366	18,520	18,706	18,936	19,120	19,320	19,533	19,719
Other loans.....do.	22,812	23,809	23,647	24,097	24,874	23,809	24,666	24,664	25,939	26,029	26,010	26,975	27,125	27,124	26,982	27,251
Investments, total.....do.	48,147	48,404	47,618	47,156	46,720	48,404	46,746	46,972	46,371	46,472	46,133	46,698	45,764	46,931	48,004	47,818
U.S. Government obligations, total.....do.	32,369	29,018	28,367	27,990	27,926	29,018	27,759	27,591	26,870	26,713	26,567	26,621	25,701	26,392	27,207	26,928
Notes and bonds.....do.	24,514	23,127	23,400	23,150	23,328	23,127	22,362	23,260	22,680	22,752	22,588	22,420	22,104	22,184	21,955	21,855
Other securities.....do.	15,778	19,386	19,251	19,166	18,794	19,386	18,987	19,381	19,501	19,759	19,566	20,077	20,063	20,539	20,887	20,890
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	241.5	241.2	244.2	246.5	246.7	248.4	251.4	251.8	253.5	256.3	254.5	258.7	261.7	260.8
Loans⊙.....do.	133.9	149.4	145.4	146.1	148.4	149.4	151.0	151.8	153.9	155.4	157.3	160.0	159.7	161.5	163.0	163.1
U.S. Government securities.....do.	65.2	62.1	62.2	60.8	61.4	62.1	60.8	61.2	62.1	60.8	60.3	60.0	58.4	60.2	61.2	59.9
Other securities.....do.	29.2	35.0	33.9	34.3	34.4	35.0	34.9	35.4	35.4	35.6	35.9	36.3	36.4	37.0	37.5	37.8
Money and interest rates:‡																
Bank rates on short-term business loans:																
In 19 cities.....percent.	2 5.00	2 5.01	5 01			5 00			4 99			4 99			4 98	
New York City.....do.	2 4.78	2 4.79	4 81			4 76			4 77			4 74			4 72	
7 other northern and eastern cities.....do.	2 5.01	2 5.01	5 01			5 04			5 02			5 03			5 01	
11 southern and western cities.....do.	2 5.32	2 5.30	5 30			5 29			5 29			5 29			5 31	
Discount rate, end of year or month (N.Y.F.R. Bank).....percent.																
Federal intermediate credit bank loans.....do.	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	3 50	3 50
Federal land bank loans.....do.	3 4.05	3 4.26	4 44	4 50	4 51	4 53	4 54	4 62	4 63	4 70	4 73	4 74	4 74	4 74	4 75	4 75
Home mortgage rates (conventional 1st mortgages):*																
New home purchase (U.S. avg.).....percent.		5 84	5 81	5 82	5 82	5 80	5 83	5 81	5 79	5 79	5 77	5 76	5 76	5 77	5 77	5 77
Existing home purchase (U.S. avg.).....do.		5 98	5 94	5 93	5 97	5 98	5 98	5 95	5 94	5 92	5 92	5 89	5 93	5 90	5 93	5 93
Open market rates, New York City:																
Bankers' acceptances (prime, 90 days).....do.	3 01	3 36	3 63	3 63	3 71	3 63	3 70	3 75	3 75	3 80	3 75	3 75	3 75	3 75	3 75	3 75
Commercial paper (prime, 4-6 months).....do.	3 26	3 55	3 88	3 88	3 88	3 96	3 97	3 88	4 00	3 91	3 89	4 00	3 96	3 88	3 89	4 00
Finance Co. paper placed directly, 3-6 mo. do.	3 07	3 40	3 63	3 72	3 75	3 84	3 82	3 76	3 83	3 80	3 76	3 88	3 81	3 76	3 79	3 91
Stock Exchange call loans, going rate.....do.	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	4 50
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue).....percent.	3 2.778	3 3.157	3 3.379	3 3.453	3 3.522	3 3.523	3 3.529	3 3.532	3 3.553	3 3.484	3 3.482	3 3.478	3 3.479	3 3.506	3 3.527	3 3.575
3-5 year issues.....do.	3 3.57	3 3.72	3 3.88	3 3.91	3 3.97	3 4.04	3 4.06	3 4.02	3 4.15	3 4.18	3 4.07	3 4.03	3 3.99	3 3.99	3 4.03	3 4.04
Savings deposits, balance to credit of depositors:																
N.Y. State savings banks, end of yr. or mo. mil. \$	23,917	25,693	25,154	25,236	25,368	25,693	25,940	26,089	26,411	26,421	26,585	26,900	27,051	27,272	27,606	27,713
U.S. postal savings f.....do.	539	452	466	461	456	452	447	436	430	425	421	415	411	407	403	397
CONSUMER CREDIT:‡ (Short- and intermediate-term)																
Total outstanding, end of year or month.....mil. \$	63,164	69,890	66,538	67,088	67,746	69,890	69,203	68,786	68,913	69,816	70,945	71,907	72,456	73,069	73,495	
Installment credit, total.....do.	48,034	53,745	51,718	52,257	52,695	53,745	53,597	53,552	53,795	54,382	55,120	55,914	56,496	57,055	57,446	
Automobile paper.....do.	19,540	22,199	21,725	21,971	22,107	22,199	22,189	22,271	22,471	22,830	23,255	23,702	24,024	24,251	24,295	
Other consumer goods paper.....do.	12,605	13,766	12,702	12,845	13,046	13,766	13,638	13,467	13,451	13,476	13,599	13,730	13,813	13,923	14,046	
Repair and modernization loans.....do.	3,246	3,389	3,377	3,400	3,407	3,389	3,354	3,335	3,321	3,328	3,364	3,395	3,426	3,466	3,493	
Personal loans.....do.	12,643	14,391	13,914	14,041	14,135	14,391	14,416	14,479	14,552	14,748	14,902	15,087	15,233	15,415	15,612	
By type of holder:																
Financial institutions, total.....do.	41,782	46,992	45,687	46,161	46,462	46,992	47,300	47,454	47,653	48,191	48,824	49,543	50,082	50,583	50,937	
Commercial banks.....do.	19,005	21,610	21,145	21,391	21,486	21,610	21,630	21,799	21,919	22,224	22,529	22,907	23,176	23,389	23,527	
Sales finance companies.....do.	12,194	13,523	13,073	13,187	13,302	13,523	13,840	13,788	13,802	13,893	14,027	14,228	14,359	14,475	14,553	
Credit unions.....do.	4,902	5,222	5,458	5,529	5,569	5,622	5,584	5,607	5,668	5,776	5,829	6,014	6,109	6,204	6,283	
Consumer finance companies.....do.	4,131	4,590	4,381	4,425	4,461	4,590	4,592	4,595	4,597	4,628	4,657	4,701	4,748	4,797	4,845	
Other.....do.	1,550	1,647	1,630	1,629	1,644	1,647	1,654	1,665	1,667	1,670	1,692	1,693	1,690	1,718	1,729	
Retail outlets, total.....do.	6,252	6,753	6,031	6,096	6,233	6,753	6,297	6,098	6,142	6,191	6,296	6,371	6,414	6,472	6,509	
Department stores.....do.	3,013	3,427	3,025	3,077	3,172	3,427	3,063	2,949	3,044	3,106	3,182	3,231	3,267	3,332	3,371	
Furniture stores.....do.	1,073	1,086	1,009	1,015	1,032	1,086										

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FINANCE—Continued																
CONSUMER CREDIT—Continued																
Total outstanding, end of year or month—Con.																
Noninstallment credit—Continued																
Charge accounts, total..... mil. \$..	5,684	5,871	4,833	4,898	4,999	5,871	5,339	4,805	4,634	4,833	5,099	5,238	5,240	5,231	5,223	
Department stores..... do.....	927	895	620	639	667	895	782	655	614	610	626	610	576	588	624	
Other retail outlets..... do.....	4,252	4,456	3,667	3,743	3,817	4,456	4,014	3,590	3,485	3,667	3,910	4,028	4,008	3,960	3,928	
Credit cards..... do.....	505	520	546	516	515	520	543	560	535	556	563	600	656	683	671	
Service credit..... do.....	3,990	4,315	4,143	4,103	4,158	4,315	4,367	4,471	4,482	4,553	4,520	4,522	4,502	4,484	4,472	
Installment credit extended and repaid:																
Unadjusted:																
Extended, total..... do.....	4,594	5,068	4,755	5,487	4,981	5,974	4,784	4,552	5,322	5,578	5,584	5,949	5,747	5,519	5,393	
Automobile paper..... do.....	1,650	1,834	1,524	2,040	1,734	1,767	1,689	1,686	1,983	2,127	2,137	2,245	2,166	1,984	1,830	
Other consumer goods paper..... do.....	1,307	1,417	1,384	1,847	1,517	2,094	1,380	1,212	1,488	1,495	1,547	1,632	1,543	1,540	1,592	
All other..... do.....	1,637	1,817	1,847	1,900	1,730	2,113	1,715	1,654	1,851	1,956	1,900	2,072	2,038	1,995	1,971	
Repaid, total..... do.....	4,218	4,593	4,563	4,948	4,543	4,924	4,932	4,597	5,079	4,991	4,846	5,155	5,165	4,960	5,002	
Automobile paper..... do.....	1,456	1,613	1,618	1,794	1,598	1,675	1,699	1,604	1,783	1,768	1,712	1,798	1,844	1,757	1,786	
Other consumer goods paper..... do.....	1,245	1,320	1,289	1,494	1,316	1,374	1,508	1,383	1,504	1,470	1,424	1,501	1,460	1,430	1,469	
All other..... do.....	1,517	1,659	1,656	1,750	1,629	1,875	1,725	1,610	1,792	1,753	1,710	1,856	1,861	1,773	1,747	
Seasonally adjusted:																
Extended, total..... do.....			5,093	5,311	4,979	5,272	5,276	5,421	5,480	5,371	5,552	5,399	5,541	5,529	5,617	
Automobile paper..... do.....			1,730	1,910	1,792	1,914	1,888	1,953	1,942	1,961	1,962	1,962	1,996	2,017	2,024	
Other consumer goods paper..... do.....			1,425	1,457	1,432	1,523	1,493	1,578	1,665	1,544	1,589	1,537	1,546	1,570	1,588	
All other..... do.....			1,938	1,944	1,755	1,835	1,895	1,890	1,873	1,866	1,940	1,900	1,999	1,942	2,005	
Repaid, total..... do.....			4,752	4,780	4,596	4,812	4,848	4,842	4,956	4,959	5,059	5,029	5,058	5,094	5,104	
Automobile paper..... do.....			1,659	1,676	1,638	1,707	1,684	1,716	1,735	1,759	1,776	1,768	1,781	1,789	1,802	
Other consumer goods paper..... do.....			1,347	1,362	1,324	1,384	1,441	1,395	1,468	1,453	1,483	1,486	1,448	1,496	1,491	
All other..... do.....			1,746	1,742	1,634	1,721	1,723	1,731	1,753	1,747	1,800	1,775	1,829	1,809	1,811	
FEDERAL GOVERNMENT FINANCE																
Net cash transactions with the public:†																
Receipts from..... mil. \$..	8,850	9,381	11,652	4,423	9,617	10,503	6,628	11,525	12,168	8,334	10,652	14,286	4,745	10,552	11,739	
Payments to..... do.....	9,323	9,763	9,549	10,740	9,812	10,069	9,848	9,393	9,390	10,163	9,533	10,290	10,217	11,218	9,700	
Excess of receipts, or payments (—)..... do.....	-472	-382	2,102	-6,318	-194	433	-3,219	2,132	2,778	-1,829	1,119	3,996	-5,472	-666	2,039	
Seasonally adjusted quarterly totals: §																
Receipts..... do.....			28,472			28,976			29,668			28,438			28,162	
Payments..... do.....			30,395			29,962			30,491			29,341			30,645	
Excess of receipts, or payments (—)..... do.....			-1,923			-986			-823			-903			-2,483	
Budget receipts and expenditures:																
Receipts, total..... do.....	8,983	9,523	11,722	4,371	8,911	10,379	6,580	12,235	13,961	9,559	10,525	14,438	5,131	9,662	11,766	
Receipts, net..... do.....	7,059	7,293	10,095	3,400	7,131	8,803	5,853	8,047	10,148	6,609	6,136	12,310	3,487	6,653	10,072	
Customs..... do.....	103	105	104	123	106	103	101	87	108	109	100	117	120	112	122	
Individual income taxes..... do.....	4,340	4,525	5,350	1,651	5,541	3,582	3,873	6,975	3,991	5,895	5,398	4,810	1,549	4,967	4,924	
Corporation income taxes..... do.....	1,821	1,897	3,603	557	396	3,726	583	451	6,654	684	491	6,196	646	419	3,950	
Employment taxes..... do.....	1,108	1,346	1,098	468	1,440	1,147	404	2,835	1,579	1,106	2,864	1,400	624	2,338	1,148	
Other internal revenue and receipts..... do.....	1,612	1,650	1,567	1,571	1,428	1,820	1,619	1,887	1,629	1,765	1,672	1,855	2,192	1,826	1,621	
Expenditures, total..... do.....	7,659	7,849	7,815	8,776	7,784	8,289	8,492	7,521	7,871	7,930	7,511	9,513	7,410	8,083	8,450	
Interest on public debt..... do.....	796	852	856	865	863	903	925	880	907	895	899	948	957	913	927	
Veterans' services and benefits..... do.....	442	439	438	463	454	455	481	450	455	415	449	500	442	479	489	
National defense..... do.....	4,425	4,414	4,215	4,710	4,081	4,515	4,348	4,365	4,378	4,564	4,666	5,677	3,542	3,784	4,194	
All other expenditures..... do.....	2,052	2,189	2,334	2,750	2,386	2,442	2,819	1,946	2,143	2,071	1,523	2,435	2,946	2,991	2,846	
Public debt and guaranteed obligations:																
Gross debt (direct), end of mo., total..... bil. \$..	1303.47	1309.35	306.64	306.44	308.22	309.35	308.58	310.36	309.59	307.60	311.53	311.71	311.18	314.09	315.61	
Interest bearing, total..... do.....	1299.21	1305.21	302.66	302.46	304.09	305.21	304.50	306.13	305.40	303.38	307.21	307.36	306.86	309.62	311.12	
Public issues..... do.....	1255.78	1261.56	258.01	259.18	260.54	261.56	262.58	263.25	262.18	261.38	262.18	260.73	261.12	262.18	263.76	
Held by U.S. Govt. investment accts. do.....	111.99	114.14	13.48	13.76	14.01	14.14	14.44	14.39	14.23	13.93	14.16	14.34	14.02	14.20	14.30	
Special issues..... do.....	143.43	143.66	44.65	43.28	43.55	43.66	41.92	42.88	43.22	42.00	45.03	46.63	45.74	47.44	47.37	
Noninterest bearing..... do.....	14.26	14.13	3.97	3.98	4.12	4.13	4.08	4.22	4.18	4.22	4.32	4.36	4.33	4.46	4.49	
Guaranteed obligations not owned by U.S. Treasury, end of month..... bil. \$..	1.52	1.74	.69	.71	.72	.74	.76	.79	.82	.80	.80	.81	.82	.85	.89	
U.S. savings bonds:																
Amount outstanding, end of month..... do.....	147.87	149.03	48.74	48.82	48.93	49.03	49.11	49.21	49.26	49.30	49.37	49.44	49.50	49.57	49.63	
Sales, series E and H..... do.....	.36	.40	.35	.39	.33	.36	.47	.41	.40	.38	.37	.38	.39	.36	.37	
Redemptions..... do.....	.47	.42	.42	.42	.34	.39	.53	.43	.48	.45	.41	.45	.47	.41	.41	
LIFE INSURANCE																
Institute of Life Insurance:																
Assets, total, all U.S. life insurance companies §																
Bonds (book value), domestic and foreign, total..... bil. \$..	133.29		138.76	139.61	140.21	140.90	141.87	142.53	143.07	143.68	144.31	144.96	145.82	146.48		
U.S. Government..... do.....	163.72		65.79	66.08	66.36	66.10	66.63	66.79	66.76	66.91	67.11	67.12	67.69	67.74		
State, county, municipal (U.S.)..... do.....	16.17		5.82	5.83	5.79	5.76	5.78	5.80	5.73	5.69	5.73	5.63	5.76	5.76		
Public utility (U.S.)..... do.....	14.03		3.89	3.89	3.89	3.88	3.86	3.86	3.85	3.85	3.83	3.82	3.81	3.82		
Railroad (U.S.)..... do.....	116.51		16.46	16.47	16.48	16.43	16.44	16.42	16.44	16.43	16.47	16.47	16.51	16.49		
Industrial and miscellaneous (U.S.)..... do.....	13.48		3.47	3.46	3.45	3.43	3.42	3.42	3.41	3.41	3.40	3.39	3.41	3.41		
Industrial and miscellaneous (U.S.)..... do.....	128.64		30.33	30.62	30.98	30.94	31.41	31.46	31.51	31.64	31.76	31.90	32.18	32.22		
Stocks (book value), domestic and foreign, total..... bil. \$..	16.30		5.56	5.56	5.58	5.68	5.74	5.77	5.85	5.90	5.94	6.02	6.06	6.13		
Preferred (U.S.)..... do.....	12.18		2.30	2.29	2.31	2.34	2.35	2.35	2.36	2.37	2.39	2.42	2.48	2.53		
Common (U.S.)..... do.....	14.03		3.17	3.18	3.18	3.25	3.29	3.32	3.39	3.43	3.44	3.49	3.47	3.49		
Mortgage loans, total..... do.....	146.90		49.22	49.54	49.81	50.54	50.83	51.13	51.44	51.81	52.12	52.47	52.83	53.17		
Nonfarm..... do.....	143.50		45.52	45.80	46.06	46.75	47.01	47.27	47.52	47.82	48.08	48.38	48.71	49.01		
Real estate..... do.....	14.11		4.34	4.36												

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

FINANCE—Continued

LIFE INSURANCE—Continued																
Life Insurance Agency Management Association: Insurance written (new paid-for insurance): †																
Value, estimated total..... mil. \$.	6,631	7,455	7,361	8,406	7,537	9,281	6,932	7,563	8,553	9,090	7,987	8,917	7,695	7,791	8,000	-----
Ordinary..... do.....	4,686	5,284	5,099	5,996	5,548	6,096	5,070	5,336	6,124	6,308	5,913	6,155	5,836	5,543	5,578	-----
Group and wholesale..... do.....	1,358	1,574	1,662	1,764	1,388	2,651	1,350	1,609	1,798	2,174	1,427	2,140	1,286	1,643	1,834	-----
Industrial..... do.....	587	596	600	646	601	534	512	618	631	608	647	622	573	605	588	-----
Premiums collected: ‡																
Total life insurance premiums..... do.....	1,052	1,134	1,072	1,162	1,075	1,376	1,175	1,153	1,195	1,164	1,144	1,183	1,188	1,163	1,126	-----
Ordinary..... do.....	778	847	802	881	817	946	892	875	908	884	861	890	893	868	840	-----
Group and wholesale..... do.....	155	169	163	172	152	209	176	166	180	176	175	191	188	188	184	-----
Industrial..... do.....	120	117	107	109	105	221	107	112	107	103	108	102	107	108	101	-----
MONETARY STATISTICS																
Gold and silver:																
Gold:																
Monetary stock, U.S. (end of yr. or mo.)... mil. \$.	115,978	115,513	15,582	15,583	15,582	15,513	15,512	15,462	15,461	15,462	15,463	15,461	15,462	15,460	15,463	15,462
Net release from earmark..... do.....	-66	-21	-3	107	-23	94	55	15	109	49	-21	-48	43	11	3	-----
Exports..... thous. \$.	31,747	16,982	56,286	28,139	28,416	28,142	56,294	84,438	28,334	56,307	28,155	4	28,146	0	28,230	-----
Imports..... do.....	12,578	3,701	1,321	1,749	2,094	2,489	2,404	2,011	2,357	1,813	1,855	2,379	2,082	1,799	2,362	-----
Production, world total..... mil. \$.																
South Africa..... do.....	74.4	80.0	80.9	82.0	81.6	78.6	78.7	79.9	84.9	82.3	83.4	85.4	86.9	87.2	-----	-----
Canada..... do.....	12.1	11.6	11.5	12.2	11.7	10.8	10.7	9.8	10.3	11.6	10.7	10.8	11.3	-----	-----	
United States..... do.....	4.5	4.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Silver:																
Exports..... thous. \$.	1,262	3,480	2,945	5,756	11,439	3,780	5,230	7,010	4,623	11,310	3,883	4,672	6,341	6,466	13,388	-----
Imports..... do.....	6,208	5,910	6,798	7,178	4,658	6,433	6,638	6,189	6,007	3,097	7,168	5,010	6,707	5,184	3,400	-----
Price at New York..... dol. per fine oz.	1.084	1.279	1.293	1.293	1.293	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	2,285	2,707	2,890	2,263	2,550	1,986	2,224	2,372	2,673	2,708	2,423	-----	-----	-----
Mexico..... do.....	3,437	3,286	3,245	2,542	3,489	3,373	3,321	3,924	3,049	3,444	2,839	3,579	-----	-----	-----	-----
United States..... do.....	3,029	3,843	3,707	3,218	3,682	3,593	3,000	4,150	3,776	3,996	3,974	4,879	3,603	3,787	-----	-----
Currency in circulation, end of yr. or mo. bil. \$.	135.3	137.7	35.9	36.2	37.2	37.7	36.2	36.3	36.8	36.9	37.2	37.7	37.8	38.0	38.2	-----
Money supply and related data (avg. of daily fig.): †																
Unadjusted for seas. variation:																
Total money supply..... bil. \$.	146.2	150.6	150.6	152.5	154.8	157.2	157.8	153.8	152.9	155.0	152.4	153.6	155.2	155.1	156.9	-----
Currency outside banks..... do.....	30.1	31.5	31.9	32.1	32.6	33.1	32.4	32.3	32.6	32.7	33.0	33.3	33.7	33.8	33.8	-----
Demand deposits..... do.....	116.1	119.0	118.6	120.4	122.1	124.1	125.4	121.5	120.3	122.3	119.4	120.3	121.5	121.3	123.1	-----
Time deposits adjusted ¹ do.....	91.1	105.5	108.3	109.5	110.2	111.0	113.2	114.6	115.7	116.7	118.1	119.2	120.1	121.1	122.0	-----
U.S. Government deposits..... do.....	5.9	5.9	6.6	5.3	4.4	5.2	4.2	4.8	6.1	4.2	6.9	7.8	7.0	6.4	6.6	-----
Adjusted for seas. variation:																
Total money supply..... do.....	-----	-----	151.6	152.3	153.5	153.2	153.8	153.8	154.2	154.5	154.5	155.6	156.7	157.2	158.0	-----
Currency outside banks..... do.....	-----	-----	31.9	32.0	32.3	32.4	32.6	32.7	32.9	33.0	33.3	33.4	33.5	33.7	33.8	-----
Demand deposits..... do.....	-----	-----	119.7	120.3	121.2	120.7	121.2	121.1	121.3	121.5	121.3	122.1	123.3	123.5	124.2	-----
Time deposits adjusted ¹ do.....	-----	-----	108.1	109.3	111.1	112.3	113.9	115.1	115.7	116.4	117.4	118.5	119.4	120.6	121.7	-----
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	46.8	46.2	43.6	46.3	47.1	44.8	46.7	49.1	46.8	47.5	49.6	47.1	48.0	-----
New York City..... do.....	77.8	84.8	96.9	87.2	80.7	89.0	92.1	86.2	91.6	95.5	90.9	94.5	100.2	92.8	97.0	-----
6 other centers ² do.....	41.2	44.6	46.7	48.4	46.0	47.5	47.8	45.4	46.9	49.3	47.6	47.1	49.1	47.1	49.0	-----
337 other reporting centers..... do.....	27.7	29.0	29.9	30.1	29.0	29.8	30.6	29.5	30.1	31.6	30.4	30.5	31.2	30.6	30.7	-----
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Fed. Trade and SEC):																
Net profit after taxes, all industries..... mil. \$.	4,430	4,871	4,785	-----	-----	5,461	-----	-----	5,121	-----	-----	6,121	-----	-----	-----	-----
Food and kindred products..... do.....	342	362	417	-----	-----	397	-----	-----	341	-----	-----	400	-----	-----	-----	-----
Textile mill products..... do.....	88	88	97	-----	-----	103	-----	-----	85	-----	-----	108	-----	-----	-----	-----
Lumber and wood products (except furniture)..... mil. \$.	41	62	96	-----	-----	55	-----	-----	61	-----	-----	93	-----	-----	-----	-----
Paper and allied products..... do.....	157	153	153	-----	-----	194	-----	-----	162	-----	-----	194	-----	-----	-----	-----
Chemicals and allied products..... do.....	560	607	606	-----	-----	636	-----	-----	630	-----	-----	765	-----	-----	-----	-----
Petroleum refining..... do.....	809	938	-----	-----	-----	1,117	-----	-----	1,022	-----	-----	960	-----	-----	-----	-----
Stone, clay, and glass products..... do.....	145	148	204	-----	-----	145	-----	-----	70	-----	-----	217	-----	-----	-----	-----
Primary nonferrous metal..... do.....	133	141	129	-----	-----	160	-----	-----	174	-----	-----	200	-----	-----	-----	-----
Primary iron and steel..... do.....	180	234	184	-----	-----	265	-----	-----	262	-----	-----	325	-----	-----	-----	-----
Fabricated metal products (except ordnance, machinery, and transport. equip.)..... mil. \$.	152	167	202	-----	-----	171	-----	-----	152	-----	-----	227	-----	-----	-----	-----
Machinery (except electrical)..... do.....	327	358	362	-----	-----	363	-----	-----	416	-----	-----	553	-----	-----	-----	-----
Elec. machinery, equip., and supplies..... do.....	305	325	312	-----	-----	370	-----	-----	323	-----	-----	361	-----	-----	-----	-----
Transportation equipment (except motor vehicles, etc.)..... mil. \$.	110	111	114	-----	-----	109	-----	-----	111	-----	-----	150	-----	-----	-----	-----
Motor vehicles and equipment..... do.....	572	640	365	-----	-----	807	-----	-----	822	-----	-----	945	-----	-----	-----	-----
All other manufacturing industries..... do.....	508	510	607	-----	-----	570	-----	-----	489	-----	-----	622	-----	-----	-----	-----
Dividends paid (cash), all industries..... do.....	2,320	2,467	2,164	-----	-----	3,131	-----	-----	2,410	-----	-----	2,600	-----	-----	-----	-----
Electric utilities, profits after taxes (Federal Reserve)..... mil. \$.	516	546	529	-----	-----	532	-----	-----	660	-----	-----	542	-----	-----	-----	-----
Transportation and communications (see pp. S-23 and S-24)..... do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SECURITIES ISSUED																
Securities and Exchange Commission: †																
Estimated gross proceeds, total..... mil. \$.	2,496	2,635	1,673	2,977	2,117	2,312	2,482	2,022	2,121	4,930	2,267	3,056	2,486	4,199	-----	-----
By type of security:																
Bonds and notes, total..... do.....	2,352	2,521	1,586	2,852	1,958	2,229	2,360	1,933	2,031	3,559	2,119	2,686	2,261	4,070	-----	-----
Corporate..... do.....	747	906	784	992	732	1,376	863	621	714	863	1,008	1,091	668	683	-----	-----
Common stock..... do.....	109	85	81	91	106	53	95	80	87	1,349	98	289	167	65	-----	-----
Preferred stock..... do.....	35	29	5	34	54	30	27	8	3	23	50	82	57	64	-----	-----

¹ Revised. ² End of year. ³ Estimated; excludes U.S.S.R., other Eastern European countries, China Mainland, and North Korea. ⁴ Effective Aug. 1962 for silver in commercial bar form (priced 1/4 cent higher than on former basis; 1/2 cent higher effective Nov. 15, 1962). ⁵ Based on refinery production (U.S. Bu. of Mint data); not comparable with later figures shown, which are from Amer. Bu. of Metal Statistics. ⁶ Average of daily figures. ⁷ Quarterly average. ⁸ Corrected.

†Revisions will be shown later as follows: Insurance written for Jan.-Apr. 1963 (all series) and 1962 (total and ordinary); premiums collected, Jan.-July 1963; profits of electric utilities, 1962; 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.

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

FINANCE—Continued

SECURITIES ISSUED—Continued																
Securities and Exchange Commission†—Continued																
Estimated gross proceeds—Continued																
By type of issuer:																
Corporate, total ♀	892	1,020	871	1,116	801	1,459	985	710	805	2,234	1,155	1,461	892	812		
Manufacturing	271	295	287	247	226	531	166	128	165	195	217	374	225	203		
Extractive (mining)	17	18	6	18	17	2	54	10	30	45	14	20	8	22		
Public utility	235	222	79	278	174	203	137	161	195	174	501	271	227	175		
Railroad	19	36	51	17	27	44	30	35	24	48	25	22	54	7		
Communication	109	91	40	46	16	65	159	84	36	1,385	27	269	24	31		
Financial and real estate	158	260	358	453	345	426	335	113	329	270	232	459	285	311		
Noncorporate, total ♀	1,604	1,615	802	1,861	1,226	853	1,497	1,312	1,316	2,696	1,112	1,595	1,593	3,387		
U.S. Government	716	601	347	394	333	357	474	413	399	1,444	367	383	387	2,449		
State and municipal	713	842	452	1,282	688	483	1,006	810	844	1,204	660	900	922	767		
New corporate security issues:																
Estimated net proceeds, total	875	1,007	862	1,101	879	1,444	972	702	796	2,215	1,141	1,441	877	801		
Proposed uses of proceeds:																
New money, total	687	749	730	912	606	1,098	845	523	677	2,094	953	1,292	716	620		
Plant and equipment	471	450	373	368	354	674	473	330	341	1,788	662	720	455	307		
Working capital	216	299	357	544	252	424	372	193	336	306	292	572	262	313		
Retirement of securities	63	127	67	88	61	30	43	17	42	37	72	63	81	72		
Other purposes	126	130	65	100	212	316	85	162	77	53	116	86	80	109		
State and municipal issues (Bond Buyer):																
Long-term	713	842	452	1,282	688	483	1,006	810	844	1,204	660	900	922	767	952	787
Short-term	397	457	283	427	613	259	267	470	593	869	515	393	222	458	540	446
SECURITY MARKETS																
Brokers' Balances (N.Y.S.E. Members Carrying Margin Accounts)																
Cash on hand and in banks	1,405	1,461	431	423	478	461	464	465	474	458	448	466	451	465	456	
Customers' debit balances (net)	14,149	15,541	5,356	5,524	5,621	5,541	5,546	5,405	5,387	5,531	5,458	5,388	5,314	5,207	5,241	
Customers' free credit balances (net)	11,216	11,210	1,180	1,176	1,211	1,210	1,262	1,199	1,231	1,165	1,138	1,146	1,114	1,077	1,145	
Money borrowed	12,820	14,481	4,169	4,251	4,485	4,481	4,251	4,191	4,156	4,428	4,475	4,431	4,395	4,281	4,231	
Bonds																
Prices:																
Standard & Poor's Corporation:																
Industrial, utility, and railroad (A1+ issues):																
Composite (19 bonds) ♂	96.2	96.8	95.9	95.9	95.9	95.4	95.3	95.7	95.2	94.6	94.7	94.9	95.2	95.3	95.1	95.1
Domestic municipal (15 bonds)	112.1	111.3	110.7	109.9	108.5	109.5	111.2	112.3	109.9	110.3	111.6	111.8	112.1	111.8	111.0	110.8
U.S. Treasury bonds, taxable ♀	86.94	86.31	85.77	85.50	85.03	84.64	84.42	84.60	84.10	83.84	84.38	84.70	84.70	84.59	84.31	84.37
Sales:																
Total, excl. U.S. Government bonds (SEC):																
All registered exchanges:																
Market value	144.14	145.04	120.86	131.47	162.77	322.41	286.79	230.97	253.06	288.43	257.85	242.25	247.56	197.81	221.98	
Face value	148.83	137.82	113.87	121.30	158.36	240.58	253.71	213.65	240.93	228.37	236.45	229.17	227.28	186.44	211.69	
New York Stock Exchange:																
Market value	138.80	138.94	113.14	122.60	158.16	317.40	280.62	226.21	244.06	282.05	252.29	235.66	238.63	190.38	212.29	
Face value	143.27	132.17	107.96	114.33	153.92	235.87	248.73	209.23	232.30	222.06	231.22	221.26	218.63	178.75	201.31	
New York Stock Exchange, exclusive of some stopped sales, face value, total	121.21	123.61	94.41	107.04	173.13	234.32	284.85	226.12	212.95	226.94	200.45	215.15	190.12	166.90	205.15	222.93
Yields:																
Domestic corporate (Moody's)	4.62	4.50	4.52	4.52	4.54	4.55	4.56	4.55	4.56	4.58	4.59	4.59	4.58	4.57	4.57	4.57
By ratings:																
Aaa	4.33	4.26	4.31	4.32	4.33	4.35	4.37	4.36	4.38	4.40	4.41	4.41	4.40	4.41	4.42	4.42
Aa	4.47	4.39	4.41	4.43	4.44	4.46	4.49	4.46	4.47	4.49	4.50	4.51	4.50	4.49	4.48	4.49
A	4.65	4.48	4.50	4.51	4.54	4.54	4.56	4.56	4.56	4.59	4.60	4.60	4.58	4.57	4.55	4.55
Baa	5.02	4.86	4.84	4.83	4.84	4.85	4.83	4.83	4.83	4.85	4.85	4.85	4.83	4.82	4.82	4.81
By groups:																
Industrial	4.47	4.42	4.46	4.47	4.47	4.48	4.50	4.48	4.49	4.53	4.54	4.54	4.52	4.52	4.52	4.53
Public utility	4.51	4.41	4.44	4.44	4.45	4.49	4.51	4.51	4.51	4.53	4.53	4.55	4.54	4.54	4.53	4.52
Railroad	4.86	4.65	4.65	4.66	4.68	4.68	4.68	4.67	4.67	4.69	4.69	4.70	4.68	4.65	4.65	4.66
Domestic municipal:																
Bond Buyer (20 bonds)	3.14	3.18	3.19	3.24	3.31	3.26	3.13	3.17	3.32	3.26	3.16	3.20	3.19	3.19	3.26	3.23
Standard & Poor's Corp. (15 bonds)	3.18	3.23	3.27	3.32	3.41	3.34	3.23	3.17	3.32	3.29	3.21	3.20	3.18	3.20	3.25	3.26
U.S. Treasury bonds, taxable ♂	3.95	4.00	4.04	4.07	4.10	4.14	4.15	4.14	4.18	4.20	4.16	4.13	4.13	4.14	4.16	4.16
Stocks																
Cash dividend payments publicly reported:																
Total dividend payments	15,076	16,188	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	475.3	2,517.5	1,211.7
Finance	2,360	2,487	233.1	216.9	124.8	449.2	305.1	209.3	240.2	221.2	104.0	229.3	241.1	115.5	273.9	246.4
Manufacturing	7,823	8,510	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	166.2	1,625.2	385.3
Mining	549	582	110.0	15.1	3.4	175.1	18.1	2.2	110.6	18.2	3.9	112.3	16.6	4.1	111.0	17.5
Public utilities:																
Communications	1,411	1,456	120.1	244.5	3.2	124.2	247.0	3.0	109.6	289.4	3.5	111.6	288.7	3.2	109.9	292.1
Electric and gas	1,773	1,900	215.1	134.9	136.7	216.8	135.0	140.1	223.8	140.1	137.5	225.8	141.1	139.7	230.1	144.7
Railroads	353	377	56.4	21.2	6.2	87.6	26.4	8.8	62.4	23.8	5.7	63.9	21.1	8.9	65.7	31.8
Trade	606	642	62.1	62.9	30.4	62.4	90.2	47.7	57.4	66.7	23.7	65.6	70.3	26.2	66.2	71.7
Miscellaneous	201	232	27.8	17.5	10.4	36.6	19.5	12.8	30.1	18.4	11.4	35.0	16.8	11.5	35.5	22.2
Dividend rates and prices, common stocks (Moody's):																
Dividends per share, annual rate (200 stocks)																
Industrial (125 stocks)	5.99	6.42	6.41	6.51	6.80	6.82	6.89	6.91	6.93	6.95	6.97	6.98	7.03	7.05	7.05	7.12
Public utility (24 stocks)	6.43	6.98	6.97	7.10	7.39	7.41	7.52	7.55	7.56	7.58	7.61	7.61	7.68	7.69	7.70	7.77
Railroad (25 stocks)	2.97	3.21	3.30	3.30	3.32	3.33	3.33	3.34	3.38	3.38	3.38	3.38	3.39	3.46	3.48	3.49
Bank (15 stocks)	3.36	3.50	3.49	3.60	3.60	3.67	3.67	3.70	3.72	3.72	3.72	3.76	3.76	3.76	3.91	3.96
Fire insurance (10 stocks)	4.30	4.46	4.45	4.45	4.51	4.51	4.54	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55
Price per share, end of mo. (200 stocks) ♀	177.87	202.32	206.58	214.67	211.74	216.57	222.47	225.21	227.79	229.62	232.35	236.24	240.48	236.88	242.73	243.14
Industrial (125 stocks)	189.95	218.24	223.69	234.19	228.76	234.99	241.38	246.19	250.46	251.53	25					

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FINANCE—Continued																
SECURITY MARKETS—Continued																
Stocks—Continued																
Dividend yields and earnings, common stocks (Moody's):																
Yield (200 stocks).....percent.....	3.37	3.17	3.10	3.03	3.21	3.15	3.10	3.07	3.04	3.03	3.00	2.95	2.92	2.98	2.90	2.93
Industrial (125 stocks).....do.....	3.39	3.20	3.12	3.03	3.23	3.15	3.12	3.07	3.02	3.01	2.98	2.95	2.91	2.96	2.87	2.89
Public utility (24 stocks).....do.....	3.25	3.12	3.14	3.22	3.29	3.25	3.21	3.20	3.28	3.25	3.25	3.21	3.06	3.12	3.09	3.03
Railroad (25 stocks).....do.....	5.30	4.46	4.41	4.57	4.46	4.37	4.33	4.21	4.21	4.20	3.92	3.78	3.74	3.99	3.98	3.87
Bank (15 stocks).....do.....	3.31	3.15	3.12	3.08	3.25	3.17	3.13	3.14	3.02	2.99	2.94	2.98	2.95	2.90	2.76	2.89
Fire insurance (10 stocks).....do.....	2.48	2.51	2.57	2.52	2.61	2.57	2.52	2.48	2.49	2.46	2.45	2.45	2.39	2.49	2.52	2.55
Earnings per share (indust., qtrly. at ann. rate; pub. util. and R.R., for 12 mo. ending each qtr.):																
Industrial (125 stocks).....dollars.....	111.10	112.43	11.05			14.45			13.85		15.15				12.60	
Public utility (24 stocks).....do.....	14.73	14.99	4.91			4.99			5.02		5.13				5.15	
Railroad (25 stocks).....do.....	5.73	6.29	6.37			6.29			6.81		6.97				7.30	
Dividend yields, preferred stocks, 14 high-grade (Standard & Poor's Corp.).....percent.....																
	4.50	4.30	4.30	4.26	4.28	4.32	4.31	4.31	4.34	4.37	4.41	4.41	4.37	4.29	4.25	4.25
Prices:																
Dow-Jones averages (65 stocks).....	221.07	253.67	262.53	262.16	261.09	266.33	272.31	276.74	282.93	286.09	289.33	290.08	302.02	298.13	305.85	311.73
Industrial (30 stocks).....	639.76	714.81	738.52	747.52	743.24	759.94	776.62	793.03	812.18	820.94	823.12	817.63	844.24	835.30	863.55	875.26
Public utility (15 stocks).....	121.75	138.36	142.74	138.68	137.59	137.77	140.19	140.09	139.25	139.02	140.86	141.56	147.37	149.24	151.85	153.93
Railroad (20 stocks).....	132.61	165.30	172.71	170.41	171.16	176.16	180.93	184.55	191.97	196.15	202.08	206.59	218.78	211.25	214.44	222.00
Standard & Poor's Corporation: ¹																
Industrial, public utility, and railroad: Combined index (500 stocks).....1941-43=10.....	62.38	69.87	72.85	73.03	72.62	74.17	76.45	77.39	78.80	79.94	80.72	80.24	83.22	82.00	83.41	84.85
Industrial, total (425 stocks) ².....do.....	65.54	73.39	76.63	77.09	76.69	78.38	80.85	81.96	83.64	84.92	85.79	85.13	88.19	86.70	88.27	89.75
Capital goods (122 stocks).....do.....	58.15	63.30	64.96	65.57	66.45	68.54	71.89	72.92	75.48	76.52	76.50	75.85	77.76	75.91	77.97	79.13
Consumers' goods (188 stocks).....do.....	54.96	62.28	66.45	67.09	66.44	66.38	67.36	68.11	70.15	70.93	72.67	72.42	75.47	75.40	77.74	79.08
Public utility (50 stocks).....do.....	59.16	64.99	67.09	65.55	64.81	65.64	67.26	67.20	66.78	67.30	67.29	67.46	70.35	71.17	72.07	73.37
Railroad (25 stocks).....do.....	30.56	37.58	39.00	38.31	38.60	39.92	41.00	41.54	42.88	43.27	44.86	46.29	48.93	47.17	47.14	48.69
Banks:																
New York City (10 stocks).....do.....	33.75	36.75	38.33	37.04	36.67	36.29	37.60	37.06	38.49	39.20	39.88	38.91	39.78	39.71	41.60	41.75
Outside New York City (16 stocks).....do.....	66.19	74.81	77.31	76.05	75.24	75.37	77.39	75.90	76.90	77.17	77.66	76.69	76.98	76.58	77.48	80.50
Fire and casualty insurance (22 stocks).....do.....	57.43	63.38	64.96	63.79	63.00	63.73	65.46	66.19	67.06	67.07	67.62	66.96	68.31	68.27	68.46	67.99
Sales (Securities and Exchange Commission):																
Total on all registered exchanges:																
Market value.....mil. \$.....	4,561	5,359	6,093	7,049	6,003	6,156	7,649	5,317	6,401	6,982	6,072	5,683	6,181	4,828	5,823	
Shares sold.....millions.....	139	153	170	184	149	169	200	140	185	210	168	155	170	139	168	
On New York Stock Exchange:																
Market value.....mil. \$.....	3,945	4,574	5,161	5,943	5,082	5,154	6,149	4,280	5,325	5,933	5,196	4,745	5,266	4,106	4,914	
Shares sold (cleared or settled).....millions.....	99	113	123	136	111	123	145	102	137	156	125	114	125	100	120	
Exclusive of odd-lot and stopped stock sales (N.Y. S.E.; sales effected).....millions.....	80	96	107	122	94	99	117	88	114	124	99	96	103	82	110	107
Shares listed, N.Y. Stock Exchange, end of mo.:																
Market value, all listed shares.....bil. \$.....	339.29	386.63	396.24	407.24	401.60	411.32	422.51	428.42	436.79	441.72	447.62	455.01	464.54	458.12	472.02	476.39
Number of shares listed.....millions.....	7,464	7,906	8,010	8,029	8,042	8,108	8,183	8,214	8,301	8,378	8,480	8,841	8,941	8,981	9,010	9,095

FOREIGN TRADE OF THE UNITED STATES

FOREIGN TRADE																
Value ¹																
Exports (mdse.), incl. reexports, total ².....mil. \$.....																
	1,806.0	1,934.0	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	2,114.1	1,969.8	2,138.9	
Excl. Dept. of Defense shipments.....do.....	1,745.4	1,857.3	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	2,039.3	1,896.7	2,084.5	
Seasonally adjusted.....do.....			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	2,111.4	2,084.9	2,271.2	
By geographic regions: ³																
Africa.....do.....	81.8	82.4	79.1	79.3	92.6	95.6	86.2	95.6	93.2	99.1	115.2	103.9	98.7	93.5	93.4	
Asia.....do.....	343.7	398.1	381.2	442.4	438.0	489.7	449.4	420.1	406.8	410.4	450.6	372.3	439.1	376.4	422.9	
Australia and Oceania.....do.....	39.8	43.6	40.7	44.8	55.8	52.7	48.6	47.4	54.0	48.7	59.0	58.8	60.9	68.6	76.8	
Europe.....do.....	543.5	589.0	544.8	658.8	671.6	678.9	695.1	702.0	738.2	692.3	695.5	622.3	626.5	554.3	639.1	
Northern North America.....do.....	319.4	343.2	349.1	405.9	350.2	355.4	339.6	341.6	407.2	426.2	425.5	417.3	365.8	380.3	389.2	
Southern North America.....do.....	130.7	142.2	142.9	154.5	152.6	147.1	149.4	149.7	161.2	167.0	164.6	179.4	168.3	155.3	174.5	
South America.....do.....	167.7	152.6	131.1	149.9	171.9	170.5	156.2	147.3	161.3	161.7	186.6	179.5	166.9	175.6	187.8	
By leading countries:																
Africa:																
United Arab Republic (Egypt Reg.).....do.....	19.6	17.5	16.0	16.2	13.6	17.7	13.4	22.8	21.1	23.5	29.6	24.2	14.8	20.8	18.1	
Republic of South Africa.....do.....	18.6	23.0	24.8	24.5	26.4	29.8	26.1	29.7	30.5	28.2	37.3	33.7	32.8	32.6	29.9	
Asia; Australia and Oceania:																
Australia, including New Guinea.....do.....	34.2	36.5	32.2	37.7	50.0	45.4	37.6	40.8	47.6	40.6	49.7	49.7	50.8	57.8	66.8	
India.....do.....	55.8	67.0	60.6	72.8	76.5	98.7	80.2	70.2	67.5	76.1	97.8	55.1	87.6	53.1	88.6	
Pakistan.....do.....	23.7	32.3	36.9	47.8	25.6	45.5	25.5	21.3	15.7	20.0	30.6	38.4	40.4	34.3	32.2	
Malaysia ⁴.....do.....							6.2	5.8	6.1	6.0	6.4	6.1	7.5	7.9	6.6	
Indonesia.....do.....	9.9	8.8	10.9	7.8	12.8	7.9	12.8	6.7	4.0	2.2	3.2	3.3	5.7	4.3	4.6	
Philippines.....do.....	22.4	26.9	24.1	35.5	29.9	29.3	30.2	29.9	29.3	31.3	32.6	30.4	28.6	28.2	32.6	
Japan.....do.....	117.9	141.5	139.4	152.7	173.9	168.8	184.6	166.0	174.6	153.4	145.4	128.3	146.8	134.8	139.9	
Europe:																
France.....do.....	48.9	56.5	51.1	63.5	64.1	64.7	84.2	66.0	71.4	65.9	71.3	61.5	59.0	51.3	55.2	
East Germany.....do.....	1	5	(⁵)	1	1.9	2.3	3.2	3.5	1.8	5	4.6	1.1	3	3	8	
West Germany.....do.....	90.0	92.0	88.4	98.2	103.9	103.0	97.6	97.8	112.3	116.6	111.7	96.3	97.2	93.6	114.2	
Italy.....do.....	64.1	73.4	68.6	72.9	74.4	80.9	70.8	75.2	73.9	74.5	61.0	54.5	67.7	49.7	67.7	
Union of Soviet Socialist Republics.....do.....	1.3	1.7	.6	3.6	1.6	1.7	8.3	29.3	55.3	22.2	13.8	1.8	7.3	2.8	1.2	
United Kingdom.....do.....	89.6	96.8	104.3	130.7	125.6	114.5	122.9	123.9	121.7	107.4	111.2	107.9	108.0	105.8	125.8	

¹ Revised. ² Preliminary. ³ Calendar year total. ⁴ Less than \$50,000.

⁵ Number of stocks represents number currently used; the change in number does not affect continuity of the series. ⁶ Includes data not shown separately.

⁷ Revised series; former series covered fire insurance only.

⁸ Revisions for various periods prior to Feb. 1963 will be shown later. ⁹ Includes grant-aid shipments under the Dept. of Defense Military Assistance Program, as well as economic aid shipments under other programs. ¹⁰ Excludes "special category" shipments.

¹¹ 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FOREIGN TRADE OF THE UNITED STATES—Continued																
FOREIGN TRADE—Continued																
Value—Continued¹																
Exports (mdse.), incl. reexports—Continued																
By leading countries—Continued																
North and South America:																
Canada..... mil. \$.....	319.4	343.2	349.1	405.9	359.1	355.4	339.6	341.6	407.1	426.2	425.5	417.3	365.8	380.3	389.2	
Latin American Republics, total ² do.....	270.3	262.8	241.1	267.9	286.2	278.5	269.8	261.7	285.3	292.8	314.4	325.1	300.3	297.1	324.4	
Argentina..... do.....	31.6	15.7	10.3	15.2	17.2	18.8	15.1	19.5	17.3	16.7	19.2	18.8	23.2	24.3	26.4	
Brazil..... do.....	35.4	31.4	20.5	21.7	30.9	29.3	32.4	23.1	26.5	31.3	31.6	32.5	26.6	35.5	41.0	
Chile..... do.....	14.2	13.5	12.6	13.0	15.1	14.4	13.1	12.2	13.0	12.6	16.7	14.2	13.1	13.4	18.2	
Colombia..... do.....	18.9	20.0	18.4	22.6	21.7	24.6	20.4	19.8	20.6	17.1	24.5	21.1	19.2	19.2	18.1	
Cuba..... do.....	1.1	3.0	(1)	(1)	0	(1)	(1)	(1)	(1)	(1)	(1)	0	0	0	0	
Mexico..... do.....	67.1	68.9	70.7	78.1	75.3	69.4	72.5	76.6	78.2	91.0	81.8	103.3	88.4	81.6	95.4	
Venezuela..... do.....	39.2	42.3	41.2	46.5	48.3	49.7	43.6	40.5	48.7	47.1	57.4	55.8	50.5	46.6	47.6	
Exports of U.S. merchandise, total..... do.....	1,783.6	1,910.1	1,801.8	2,055.6	2,079.1	2,131.6	2,090.6	2,063.0	2,151.3	2,170.3	2,225.4	2,067.4	2,088.1	1,941.6	2,111.9	
By economic classes:																
Crude materials..... do.....	186.2	214.7	222.9	272.4	281.6	284.9	247.4	237.9	215.5	207.6	219.1	217.9	252.8	190.3	218.2	
Crude foodstuffs..... do.....	167.5	189.4	166.7	221.4	227.6	232.6	227.4	209.7	228.3	232.5	233.1	182.1	177.6	172.0	203.1	
Manufactured foodstuffs and beverages..... do.....	113.8	124.8	122.2	132.6	135.1	131.9	127.7	137.3	135.8	134.9	144.8	125.9	116.3	136.5	145.2	
Semimanufactures ³ do.....	253.4	273.6	270.0	296.5	285.0	297.1	300.7	289.5	326.4	323.4	333.3	330.9	333.1	324.6	350.4	
Finished manufactures ⁴ do.....	1,062.7	1,107.6	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	1,208.3	1,118.2	1,195.1	
By principal commodities:																
Agricultural products, total ⁵ do.....	419.5	465.4	433.7	552.6	574.5	588.1	542.2	525.3	530.8	521.1	528.9	459.1	479.3	419.5	493.8	
Animal and vegetable oils and fats*..... do.....	26.1	26.6	32.1	28.9	20.7	25.4	26.6	27.8	33.1	33.3	36.1	32.9	40.0	41.3	36.7	
Cotton, unmanufactured..... do.....	44.8	48.9	41.9	50.9	67.8	86.1	79.0	74.9	64.4	51.7	49.5	50.7	91.5	16.6	24.5	
Fruits, vegetables, and preparations..... do.....	35.8	37.2	37.0	50.0	40.0	37.4	32.2	33.3	28.8	34.5	37.8	32.3	35.8	42.7		
Grains and preparations..... do.....	171.4	191.7	162.3	211.2	220.9	247.7	234.1	226.3	238.2	244.0	238.4	180.3	171.1	174.4	204.2	
Meat and meat preparations*..... do.....	11.8	12.3	13.0	16.4	17.3	13.8	16.8	16.0	14.5	12.6	16.7	14.9	13.0	12.5	13.3	
Tobacco and manufactures ⁶ do.....	40.9	43.6	64.2	73.0	60.1	55.4	38.0	37.0	30.0	30.5	33.5	41.2	37.0	34.6	73.0	
Nonagricultural products, total ⁷ do.....	1,364.1	1,444.7	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	1,608.8	1,522.1	1,618.0	
Automobiles, parts, and accessories..... do.....	115.2	125.5	115.3	146.1	165.3	159.7	148.2	151.6	149.0	148.4	156.5	144.6	111.6	120.8	140.7	
Chemicals and related products ⁸ do.....	149.3	161.9	162.1	175.0	169.9	165.4	171.1	172.3	191.9	182.6	187.4	183.5	199.4	197.9	212.3	
Coal and related fuels..... do.....	32.0	40.2	53.3	50.5	46.0	37.8	33.9	31.6	30.5	34.3	44.9	45.6	39.8	50.6	41.6	
Iron and steel prod. (excl. adv. mfs.)..... do.....	50.9	57.4	56.5	64.0	60.6	64.8	63.1	61.8	67.2	68.7	81.7	83.4	82.5	81.7	73.5	
Machinery, total ⁹ do.....	435.1	453.4	411.1	462.7	477.1	491.7	486.8	510.4	542.7	521.5	575.2	513.7	517.2	458.3	507.8	
Agricultural..... do.....	13.2	15.2	10.6	11.7	11.4	12.7	15.8	20.1	23.9	23.8	22.6	19.7	20.8	19.1	14.1	
Tractors, parts, and accessories..... do.....	30.3	35.2	31.2	41.1	36.9	39.6	39.2	36.5	45.5	49.8	53.7	50.2	48.4	41.2	46.2	
Electrical..... do.....	105.9	113.4	108.9	114.0	124.2	122.5	125.6	132.7	123.0	122.6	133.2	119.9	116.9	109.8	122.5	
Metalworking ¹⁰ do.....	44.5	37.0	34.6	38.1	37.5	42.2	39.1	42.1	44.4	39.8	46.4	39.7	45.9	37.1	38.3	
Other industrial..... do.....	208.1	216.5	192.4	218.0	228.4	236.8	226.2	238.4	264.2	246.1	274.8	240.3	241.1	218.3	242.8	
Petroleum and products..... do.....	36.8	41.0	41.0	41.1	39.4	41.9	37.7	35.1	38.4	41.8	35.8	39.4	43.3	40.8	36.1	
Textiles and manufactures..... do.....	57.3	57.8	55.2	65.0	63.2	62.8	59.6	61.5	70.7	68.2	71.0	68.2	59.7	60.0	55.7	
General imports, total ¹¹ do.....	1,365.8	1,428.5	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	1,612.4	1,491.9	1,562.0	
Seasonally adjusted ¹² do.....			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	1,589.6	1,592.2	1,557.5	
By geographic regions: ¹³																
Asia..... do.....	62.8	64.8	58.4	74.0	59.5	71.0	67.6	71.4	89.8	86.9	83.7	67.5	65.8	66.1		
Australia and Oceania..... do.....	246.7	266.1	267.6	297.8	265.2	252.1	283.0	263.7	282.9	276.5	278.3	317.2	334.7	339.1		
Europe..... do.....	36.6	41.8	52.9	48.1	31.6	43.2	35.7	30.5	38.3	33.4	36.1	45.6	32.5	43.7		
Northern North America..... do.....	385.0	400.8	378.7	466.1	445.1	427.6	400.9	394.6	456.1	449.3	411.5	446.7	461.5	377.6		
Southern North America..... do.....	305.2	319.4	301.4	354.2	312.0	307.4	301.9	337.4	341.4	341.4	337.4	381.6	373.0	363.9		
South America..... do.....	123.1	127.4	102.4	115.7	114.2	140.9	150.4	142.2	152.0	162.2	143.4	137.0	140.0	115.8		
South America..... do.....	204.2	207.7	236.6	235.1	197.5	243.0	199.8	192.7	234.9	211.3	166.6	198.8	202.7	185.4		
By leading countries: ¹⁴																
Africa:																
United Arab Republic (Egypt Reg.)..... do.....	2.1	1.7	1.1	5.0	.5	1.1	1.0	1.0	3.8	2.0	2.5	1.0	1.9	.9		
Republic of South Africa..... do.....	21.4	21.6	17.8	18.9	17.4	25.8	24.1	20.3	21.1	21.3	19.9	19.3	16.2	16.9		
Asia; Australia and Oceania:																
Australia, including New Guinea..... do.....	24.4	26.6	34.2	36.8	20.7	29.0	27.7	19.2	24.8	18.5	16.1	32.2	17.8	26.8		
India..... do.....	21.3	24.5	21.7	25.8	22.9	21.0	22.3	18.0	24.0	28.1	25.7	28.4	19.8	30.7		
Pakistan..... do.....	3.5	3.8	3.2	4.0	3.7	3.7	4.3	2.6	3.2	3.9	3.5	3.7	3.0	3.0		
Malaysia ¹⁵ do.....							14.3	9.9	14.8	10.6	12.2	10.9	13.3	21.0		
Indonesia..... do.....	11.2	9.4	8.4	9.8	9.7	8.0	13.4	10.0	15.0	11.7	15.2	15.8	15.2	14.6		
Philippines..... do.....	26.9	29.7	32.5	36.9	18.0	29.9	32.2	15.1	34.9	19.8	34.6	31.3	44.1	36.6		
Japan..... do.....	113.2	124.8	124.9	139.8	134.7	118.0	130.6	100.6	133.3	143.5	121.7	155.1	167.2	155.8		
Europe:																
France..... do.....	35.7	35.8	31.5	45.5	42.0	37.1	35.9	35.0	39.5	43.9	41.5	42.8	45.5	38.4		
East Germany..... do.....	.3	.3	.2	.3	.2	.1	.3	.8	.7	.5	.4	.6	.4	.9		
West Germany..... do.....	80.1	83.6	81.1	92.1	94.9	92.2	92.0	78.7	106.1	97.9	87.8	99.7	102.7	74.8		
Italy..... do.....	37.7	41.1	34.7	50.2	46.4	43.5	36.3	33.7	40.3	41.2	35.2	45.1	47.7	48.6		
Union of Soviet Socialist Republics..... do.....	1.3	1.7	4.5	1.8	1.2	.9	1.2	2.0	1.0	.9	1.3	2.4	2.1	1.9		
United Kingdom..... do.....	83.8	89.9	83.8	106.0	100.6	91.6	83.5	85.3	90.8	94.0	91.1	100.7	101.5	85.7		
North and South America:																
Canada..... do.....	305.0	319.1	300.9	354.0	311.7	350.9	307.2	301.8	337.3	341.3	337.2	381.3	372.6	363.1		
Latin American Republics, total ¹⁶ do.....	282.2	287.6	293.6	301.3	269.3	332.9	294.7	284.5	338.7	314.9	260.4	280.7	288.6	247.4		
Argentina..... do.....	8.9	13.7	17.2	17.6	11.0	20.9	11.6	9.7								

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

FOREIGN TRADE OF THE UNITED STATES—Continued

FOREIGN TRADE—Continued																	
Value—Continued†																	
Imports for consumption, total.....mil. \$	1,354.3	1,417.8	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	1,615.2	1,490.8	1,567.9		
By economic classes:																	
Crude materials.....do	278.2	†1261.7	260.2	273.3	238.0	284.5	274.3	246.8	274.1	267.8	270.4	291.5	325.0	302.1	300.1		
Crude foodstuffs.....do	148.0	143.8	140.2	168.7	153.3	158.7	160.8	161.5	202.4	199.2	147.4	140.4	145.0	136.9	155.8		
Manufactured foodstuffs and beverages.....do	149.3	166.5	183.1	198.2	163.0	197.4	133.5	105.5	150.7	142.6	149.2	163.0	148.8	143.5	164.2		
Semimanufactures.....do	282.4	†1312.7	285.7	326.4	300.4	315.0	343.0	314.1	339.0	343.1	311.1	340.1	333.9	322.7	314.3		
Finished manufactures.....do	496.3	533.2	505.8	611.8	573.0	556.0	553.4	494.5	601.1	602.7	555.7	641.8	662.4	585.5	633.5		
By principal commodities:																	
Agricultural products, total ♀.....do	322.3	334.8	345.4	377.5	319.8	369.4	332.7	295.4	383.1	362.7	329.9	316.1	318.6	316.7	341.0		
Cocoa (cacao) beans, incl. shells.....do	11.0	11.3	9.7	9.4	7.2	11.1	14.4	12.5	15.2	8.2	8.1	10.3	8.5	12.8	9.2		
Coffee.....do	82.4	79.7	89.3	100.9	88.8	90.1	87.4	94.0	125.7	131.8	84.5	73.2	84.7	77.7	90.8		
Rubber, crude (incl. latex and guayule).....do	19.0	16.4	13.5	15.0	13.6	14.0	19.4	13.2	19.4	13.3	20.2	13.9	17.1	18.1	16.4		
Sugar (cane or beet).....do	42.0	50.9	59.7	53.4	31.8	68.8	26.3	16.5	37.2	32.1	47.8	38.9	49.7	33.9	50.0		
Wool and mohair, unmanufactured.....do	17.4	18.8	12.7	16.7	11.9	22.9	19.7	20.6	17.4	18.3	17.6	14.1	16.0	14.1	17.1		
Nonagricultural products, total ♀.....do	1,031.9	1,083.1	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	1,296.5	1,174.1	1,226.9		
Furs and manufactures.....do	9.7	†10.9	†10.1	7.9	6.1	26.3	†16.1	13.6	15.8	12.0	9.1	8.1	6.2	4.7	6.1		
Iron and steel prod. (excl. adv. mfs.).....do	47.3	59.4	59.1	70.4	65.3	54.0	60.7	54.1	59.7	62.5	68.6	77.5	74.8	69.1			
Nonferrous ores, metals, etc.:																	
Bauxite, crude*.....do	10.1	9.5	9.8	8.8	8.2	9.4	9.6	11.2	9.5	12.2	8.8	10.0	12.9	12.3	9.1		
Aluminum semifms. (incl. calcined bauxite)*.....do	14.7	16.9	17.8	17.0	17.9	17.7	17.1	14.8	17.6	17.6	17.8	18.9	20.5	13.7	21.8		
Copper, crude and semifms.*.....do	20.8	†21.6	†26.1	26.1	23.3	25.1	26.1	29.5	29.8	26.1	23.7	26.6	25.4	20.7	27.5		
Tin, including ore.....do	9.7	9.1	6.4	9.2	8.7	8.2	9.8	7.3	10.7	7.8	7.6	7.9	10.2	14.1	8.3		
Paper base stocks.....do	30.0	30.1	28.7	34.6	31.1	32.0	31.7	31.1	35.4	31.9	30.4	34.9	32.3	35.2	35.3		
Newsprint.....do	58.0	57.3	57.9	66.5	58.1	68.0	56.8	52.4	58.7	61.2	59.6	65.2	64.8	61.8	64.2		
Petroleum and products.....do	147.1	†149.1	†132.3	149.0	135.9	164.9	†193.3	154.3	159.5	156.7	137.1	144.8	165.4	152.3	147.0		
Indexes																	
Exports of U.S. merchandise:																	
Quantity.....1957-59=100.....do	112	†120	114	130	131	135	†131	†130	†134	†137	†140	†130	†131	†121			
Value.....do	115	†123	116	132	134	137	†135	†133	†139	†140	†143	†133	†135	†125			
Unit value.....do	102	†102	101	102	102	101	†103	†103	†103	†102	†102	†102	†103	†103			
Imports for consumption:																	
Quantity.....do	123	†127	123	141	127	132	†128	†116	†136	†134	†125	†137	†141	†131			
Value.....do	117	†122	118	136	122	130	†126	†114	†135	†134	†123	†136	†139	†128			
Unit value.....do	95	†96	96	96	96	98	†98	†98	†99	†100	†98	†99	†99	†98			
Shipping Weight and Value																	
Waterborne trade:																	
Exports (incl. reexports):‡																	
Shipping weight.....thous. sh. tons	11,215	†13,084	14,368	15,070	14,796	13,887	13,167	12,034	12,673	13,415	15,134						
Value.....mil. \$	1,165.6	†1,257.2	1,164.3	1,375.6	1,408.6	1,450.0	1,348.6	1,334.8	1,384.3	1,362.0	1,489.1						
General imports:																	
Shipping weight.....thous. sh. tons	17,552	†17,707	18,394	19,076	17,066	17,639	17,697	16,415	16,787	18,025	17,974						
Value.....mil. \$	†983.7	†1,019.9	1,049.0	1,163.9	1,032.0	1,077.9	1,036.8	929.9	1,119.9	†1,120.5	1,056.5						
Airborne trade:																	
Exports (incl. reexports):‡																	
Shipping weight.....thous. sh. tons	9.1	10.4	10.2	11.5	10.9	11.3	11.9	11.9	12.9	12.9	12.9	12.9	13.4				
Value.....mil. \$	124.3	136.5	126.3	140.4	131.5	141.9	150.3	157.2	150.9	153.5	149.6	144.8	148.8				
General imports:																	
Shipping weight.....thous. sh. tons	4.1	4.7	4.3	5.4	5.3	5.3	4.3	4.0	4.7	4.6	3.9	5.0					
Value.....mil. \$	59.7	67.9	67.9	81.3	82.8	89.0	70.4	70.7	79.4	76.0	66.8	76.9					

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION																
Air Carriers																
Scheduled domestic trunk carriers:																
Financial operations (qtrly. avg. or total):																
Operating revenues, total ♀.....mil. \$	570.7	621.9	653.3			†634.4			†646.8			710.9				
Transport, total ♀.....do	566.0	617.1	648.7			†628.3			†640.8			704.6				
Passenger.....do	509.8	557.0	587.3			†561.9			†579.4			637.7				
Property.....do	37.1	40.3	41.0			†44.0			†42.0			45.2				
U.S. mail.....do	14.4	15.0	14.2			†16.7			†15.5			15.7				
Operating expenses (incl. depreciation).....do	551.4	585.5	592.8			†596.0			†613.7			622.2				
Net income (after taxes).....do	1.9	8.4	27.6			†1.1			†11.0			39.1				
Operating results:																
Miles flown (revenue).....thous.	59,409	63,828	64,335	66,676	62,455	65,758	66,274	†62,863	†67,481	†65,407	†68,022	68,852	71,235	72,362		
Express and freight ton-miles flown.....do	45,296	49,195	52,766	57,797	51,397	55,581	50,710	†50,212	†54,522	†56,472	†59,014	58,871	60,391	63,842		
Mall ton-miles flown.....do	13,575	14,167	13,043	15,033	13,376	19,401	14,547	†14,051	†15,488	†15,091	†14,823	14,345	14,337	14,178		
Passengers originated (revenue).....do	3,990	4,548	4,639	4,917	4,446	4,732	4,801	†4,458	†5,008	†5,003	†5,030	5,542	5,324	5,647		
Passenger-miles flown (revenue).....mil.	2,667	3,048	3,119	3,165	2,861	3,221	3,245	†2,949	†3,316	†3,287	†3,322	3,910	3,796	4,023		
Express Operations																
Transportation revenues.....mil. \$	†95.9	†95.9	96.3			105.4			96.8			99.9				
Express privilege payments.....do	†29.2	†28.6	29.9			31.3			27.1			29.5				
Local Transit Lines																
Fares, average cash rate.....cents.	20.1	20.5	20.5	20.6	20.7	20.7	20.8	20.8	20.8	21.0	21.2	21.2	21.3	21.3	21.4	
Passengers carried (revenue).....mil.	594	576	560	630	563	590	581	552	585	600	596	564	531	516	560	
Operating revenues (qtrly. avg. or total).....mil. \$	350.9	347.5	330.3			366.8			341.1			362				
Motor Carriers (Intercity)																
Carriers of property, class I (qtrly. avg. or total):																
Number of reporting carriers.....do	†954		†1,019													
Operating revenues, total.....mil. \$	1,343		†1,451													
Expenses, total.....do	1,286		†1,373													
Freight carried (revenue).....mil. tons	87		†86													

† Revised. ‡ Preliminary. § Effective Sept. 1963, data reflect adoption of U.S. Tariff Schedules and are not entirely comparable with earlier figures; also, beginning Sept. 1963, certain uranium bearing materials, formerly shown under crude materials, are included with semimanufactures (monthly averages reflect this change beginning Jan. 1963). Beginning Jan. 1964, data for furs and mfrs. and petroleum and products reflect further changes in USTS.

¶ Quarterly average. † Number of carriers filing complete reports for 1962. ‡ Reflects substitution of data for one or two intra-Alaskan carriers. § For 2d 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.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TRANSPORTATION AND COMMUNICATIONS—Continued																
TRANSPORTATION—Continued																
Motor Carriers (Intercity)—Continued																
Freight carried, qtrly. index of volume, class I and II (ATA)..... average same period, 1957-59=100.....	120.3	126.3	124.0			124.1				128.6				135.4		
Carriers of passengers, class I (qtrly. avg. or total):																
Number of reporting carriers.....	138	138	138			138				160						
Operating revenues, total..... mil. \$	131.4	136.4	165.7			130.7				133.5						
Expenses, total..... do.	112.0	116.4	128.8			114.0				129.4						
Passengers carried (revenue)..... mil.	57.2	56.6	62.9			55.3				115.5						
Class I Railroads																
Freight carloadings (AAR):																
Total..... thous.	2,394	2,406	2,309	3,142	3,859	1,972	2,045	2,645	2,105	2,202	2,913	2,403	2,114	2,926	2,396	3,195
Coal..... do.	439	461	464	591	561	417	415	512	393	407	542	476	293	578	461	589
Coke..... do.	30	32	28	33	35	29	31	41	34	35	45	38	35	48	41	57
Forest products..... do.	158	156	147	195	183	130	136	196	154	151	190	154	147	198	151	196
Grain and grain products..... do.	231	234	201	327	303	197	227	267	186	177	208	205	197	243	201	310
Livestock..... do.	17	14	15	32	25	10	10	10	10	10	12	7	8	13	16	30
Ore..... do.	144	147	205	222	157	55	50	75	66	114	271	224	223	268	211	264
Merchandise, l.c.l..... do.	97	72	64	81	73	53	51	70	54	53	65	50	48	63	48	58
Miscellaneous..... do.	1,277	1,289	1,185	1,662	1,523	1,081	1,125	1,473	1,207	1,254	1,581	1,248	1,163	1,514	1,267	1,691
Freight carloadings, seas. adj. indexes (Fed. R.):†																
Total..... 1957-59=100.....	92	93	91	93	92	94	97	97	94	95	96	94	95	93	96	95
Coal..... do.	90	95	97	94	94	90	91	89	90	93	100	100	100	98	96	95
Coke..... do.	81	88	84	75	78	84	89	90	92	100	111	118	128	128	125	129
Forest products..... do.	97	96	95	98	96	97	99	106	103	99	102	98	102	97	99	99
Grain and grain products..... do.	101	102	101	112	105	109	111	104	93	92	89	91	75	88	104	109
Livestock..... do.	67	52	43	48	56	50	50	51	50	42	42	46	50	56	48	48
Ore..... do.	83	84	87	81	104	91	89	93	88	123	104	85	87	84	90	96
Merchandise, l.c.l..... do.	49	36	34	33	31	33	31	31	28	28	29	27	28	26	26	23
Miscellaneous..... do.	94	95	92	93	92	96	101	100	98	97	99	96	98	96	99	95
Financial operations (qtrly. avg. or total):																
Operating revenues, total..... mil. \$	2,360.1	2,389.9	2,398.0			2,446.6			2,362.4		2,481.4					
Freight..... do.	1,997.8	2,036.5	2,035.0			2,084.2			2,033.8		2,133.8					
Passenger..... do.	154.8	147.0	157.1			138.6			134.7		146.3					
Operating expenses..... do.	1,854.3	1,862.9	1,874.1			1,893.5			1,852.3		1,910.5					
Tax accruals and rents..... do.	324.1	325.6	326.8			304.4			327.6		338.0					
Net railway operating income..... do.	181.6	201.4	197.1			248.7			182.5		233.0					
Net income (after taxes)..... do.	143.0	162.9	156.1			225.1			144.2		196.4					
Operating results:																
Freight carried 1 mile (qtrly.)..... bil. ton-miles	151.6	158.9	158.2			163.4			165.3		168.5					
Revenue per ton-mile (qtrly. avg.)..... cents	1,349	1,310	1,312			1,300			1,284							
Passengers carried 1 mile, revenue (qtrly.)..... mil.	4,976	4,624	5,225			4,315			4,110							
Waterway Traffic																
Clearances, vessels in foreign trade:																
Total U.S. ports..... thous. net tons.	14,913	15,628	16,341	16,531	16,686	15,454	15,204	14,503	14,960	15,996	17,734					
Foreign vessels..... do.	12,066	12,786	13,486	13,433	13,618	12,573	12,540	12,054	12,319	12,963	14,684					
United States vessels..... do.	2,847	2,842	2,855	3,098	3,068	2,881	2,664	2,449	2,641	3,034	3,050					
Panama Canal:																
Total..... thous. lg. tons.	5,490	5,454	5,702	5,925	5,399	5,691	5,832	6,187	6,269	5,912	6,166	5,902	6,062	6,604	6,227	
In United States vessels..... do.	855	780	1,000	968	722	708	613	906	965	866	1,022	1,100	877	927	867	
Travel																
Hotels:																
Average sale per occupied room..... dollars.	9.35	9.37	9.56	10.24	9.82	8.90	9.09	9.26	8.87	9.86	9.18	9.83	9.10	9.89	9.85	
Rooms occupied..... % of total.	61	60	63	68	58	47	57	60	59	67	62	64	56	62	65	
Restaurant sales index..... same mo. 1951=100.	112	109	107	109	101	107	105	109	108	116	119	113	112	107	110	
Foreign travel:																
U.S. citizens: Arrivals..... thous.	195	218	271	219	174	158	173	179	218	211	226	271				
Departures..... do.	191	216	207	186	146	161	172	193	206	214	253	356				
Aliens: Arrivals..... do.	125	130	173	144	118	112	112	102	123	148	161	172				
Departures..... do.	103	110	134	123	103	116	87	88	101	104	151	154				
Passports issued and renewed..... do.	76	88	65	56	40	47	71	81	121	147	135	147	112	86	74	56
National parks, visits..... do.	2,737	2,779	3,278	2,331	1,104	661	686	790	1,000	1,276	2,267	5,097	8,067	7,890		
Pullman Co. (qtrly. avg. or total):																
Passenger-miles (revenue)..... mil.	726	629	598			600			608		556					
Passenger revenues..... thous. \$	12,076	10,477	10,065			9,288			10,457		9,500					
COMMUNICATIONS																
Telephone carriers:																
Operating revenues..... mil. \$	792.6	845.6	844.2	879.0	856.8	881.8	881.1	862.2	892.1	898.8	903.1	912.3	917.0	915.3		
Station revenues..... do.	440.0	465.4	468.0	477.3	475.2	480.0	481.7	480.6	485.5	489.4	490.0	494.6	492.5	492.1		
Tolls, message..... do.	270.4	289.7	283.2	309.1	286.3	308.7	305.3	286.0	311.2	313.0	315.7	318.9	324.3	324.3		
Operating expenses (before taxes)..... do.	468.2	495.7	489.8	523.4	500.5	539.8	520.2	501.7	530.9	532.3	525.0	531.3	569.1	529.8		
Net operating income..... do.	139.6	152.3	158.2	156.1	155.4	150.1	154.9	163.4	156.0	165.9	167.4	169.2	150.2	167.3		
Phones in service, end of year or mo..... mil.	70.8	73.7	72.9	73.2	73.4	73.7	74.0	74.2	74.5	74.9	75.1	75.3	75.6	75.9		
Telegraph, cable, and radiotelegraph carriers:																
Wire-telegraph:																
Operating revenues..... thous. \$	22,010	23,902	24,378	25,452	23,676	25,550	24,449	23,283	25,181	24,876	24,708	26,020	25,092	25,113		
Operating expenses, incl. depreciation..... do.	20,197	21,904	20,700	21,527	20,603	21,324	22,213	21,020	21,715	21,812	22,181	22,799	23,304	22,170		
Net operating revenues..... do.	582	1,680	2,597	2,983	2,368	3,663	834	872	2,075	1,697	1,085	1,886	498	1,840		
Ocean-cable:																
Operating revenues..... do.	3,013	3,065	2,949	3,424	2,859	2,950	3,138	2,814	3,106	3,012	3,030	3,172	3,227	2,885		
Operating expenses, incl. depreciation..... do.	2,542	2,495	2,330	2,560	2,186	2,271	2,403	2,284	2,286	2,403	2,317	2,381	2,503	2,423		
Net operating revenues..... do.	153	219	291	509	370	156	361	98	475	245	328	427	341	105		
Radiotelegraph:																
Operating revenues..... do.	4,675	5,077	5,069	5,546	5,525	5,654	5,901	5,505	5,752	5,831	5,774	5,961	6,087	5,773		
Operating expenses, incl. depreciation..... do.	3,676	3,882	3,822	4,028	4,158	4,339	4,448	4,274	4,336	4,251	4,379	4,598	4,768	4,609		
Net operating revenues..... do.	816	982	1,015	1,333	1,195	1,054	1,222	998	1,192	1,345	1,167	1,152	1,103	946		

† Revised. 1 Annual index. 2 Number of carriers filing complete reports for 1962 and 1963. 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic chemicals, production:																
Acetylene.....mil. cu. ft.	1,103	1,155	1,152	1,225	1,208	1,242	1,154	1,120	1,252	1,233	1,271	1,204	1,258	1,323	1,357	
Ammonia, synthetic anhydrous (commercial).....thous. sh. tons.	484.1	553.8	528.4	548.5	586.9	607.5	614.8	583.8	650.7	636.8	659.7	636.7	620.2	614.1	589.3	
Carbon dioxide, liquid, gas, and solid.....do.	85.3	90.2	93.4	96.2	81.9	79.4	79.0	76.0	82.8	85.0	94.9	108.9	116.0	112.6	190.6	
Chlorine, gas (100% Cl ₂).....do.	428.6	454.0	454.4	470.9	469.0	482.0	466.8	456.0	488.6	480.6	501.1	482.0	483.4	500.4	494.6	
Hydrochloric acid (100% HCl).....do.	87.7	87.3	85.5	92.8	88.4	87.2	91.2	94.8	104.1	104.4	106.0	100.8	96.6	104.7	103.1	
Nitric acid (100% HNO ₃).....do.	280.8	349.7	336.4	372.7	405.9	414.6	402.0	402.6	420.5	375.1	349.5	306.5	341.0	355.7	371.6	
Oxygen (high purity).....mil. cu. ft.	8,562	10,705	10,308	10,841	10,779	11,627	12,011	12,201	13,367	13,107	13,402	12,538	12,741	13,476	13,264	
Phosphoric acid (100% P ₂ O ₅).....thous. sh. tons.	203.9	241.7	238.6	261.7	253.3	253.7	267.9	273.5	284.8	286.5	280.3	259.5	248.5	266.6	268.6	
Sodium carbonate (soda ash), synthetic (58% Na ₂ O).....thous. sh. tons.	383.9	390.1	375.2	418.9	400.0	388.0	381.2	394.5	419.1	415.3	435.1	419.5	394.4	431.6	408.9	
Sodium bichromate and chromate.....do.	10.6	10.9	8.9	10.9	11.5	11.3	9.3	10.5	11.4	11.7	12.3	11.2	11.4	11.6	10.9	
Sodium hydroxide (100% NaOH).....do.	453.6	474.7	472.4	497.8	487.9	497.3	490.2	484.2	514.3	507.3	534.4	503.7	508.9	537.0	517.3	
Sodium silicate (soluble silicate glass), anhydrous.....thous. sh. tons.	46.1	46.0	45.3	51.0	52.6	42.5	41.4	40.9	53.1	53.7	52.3	44.5	36.4	40.5	49.8	
Sodium sulfates (anhydrous, refined; Glauber's salt; crude salt cake).....thous. sh. tons.	99.5	100.5	95.4	106.5	107.7	106.1	106.3	103.2	108.3	109.2	116.1	107.8	102.9	102.8	108.1	
Sulfuric acid (100% H ₂ SO ₄).....do.	1,641.8	1,744.7	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	1,750.2	1,816.2	1,846.7	
Organic chemicals, production:¹																
Acetic acid (synthetic and natural).....mil. lb.	82.2	87.4	72.6	95.4	89.5	90.9	92.3	94.0	93.4	82.9	88.5	87.5	96.2	81.9	89.4	
Acetic anhydride.....do.	103.5	105.8	111.6	104.6	106.1	121.0	111.8	101.6	125.4	100.2	115.2	106.5	111.6	116.9	123.4	
Acetylsalicylic acid (aspirin).....do.	2.3	2.4	2.3	2.6	2.6	2.6	2.8	2.6	2.7	2.7	2.1	2.5	2.1	1.9	2.2	
Creosote oil.....mil. gal.	7.6	8.2	9.2	8.6	8.1	8.8	8.2	7.1	8.4	9.1	10.6	9.8	10.7	8.4	10.0	
DDT.....mil. lb.	13.9	14.9	14.3	14.2	11.4	9.4	11.4	12.8	13.3	11.3	13.0	12.1	11.0	8.7		
Ethyl acetate (85%).....do.	8.5	9.2	8.7	10.0	7.3	9.4	8.8	10.8	9.4	7.4	8.0	11.9	5.5	10.5	7.3	
Ethylene glycol.....do.	119.5	121.0	121.4	132.2	123.1	123.4	121.8	109.1	138.8	129.3	116.9	155.3	154.1	147.4	156.3	
Formaldehyde (37% HCHO).....do.	199.8	212.7	216.4	234.3	226.4	220.4	207.0	203.0	219.5	237.7	225.2	229.5	207.8	236.5	235.1	
Glycerin, refined, all grades:																
Production.....do.	20.8	24.8	26.8	30.2	22.6	30.0	29.1	26.3	28.5	28.5	23.7	28.0	22.9	26.5	26.2	
Stocks, end of month.....do.	32.7	23.8	15.9	16.1	20.5	22.2	22.3	25.4	27.6	26.5	27.7	31.5	32.0	32.3	31.2	
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	28.7	31.4	28.5	30.8	29.6	29.9	30.3	33.9	34.4	31.1	32.8	32.2	31.9	
Phthalic anhydride.....mil. lb.	35.6	39.5	41.4	45.3	40.9	39.5	37.4	36.7	44.9	49.2	49.9	48.5	44.8	41.1	50.0	
ALCOHOL																
Ethyl alcohol and spirits:																
Production.....mil. tax gal.	52.4	57.7	61.7	73.5	58.7	58.9	60.5	56.1	53.8	54.0	53.3	50.3	51.8	55.1		
Stocks, end of month.....do.	151.4	171.5	181.7	180.3	169.8	177.3	179.5	183.0	188.9	189.3	184.9	183.4	187.0	190.0		
Used for denaturation.....do.	42.4	44.4	40.7	47.5	43.9	45.5	49.5	44.0	43.9	46.7	45.3	44.8	45.7	47.0		
Taxable withdrawals.....do.	5.3	5.3	5.8	7.5	5.8	4.3	4.9	4.7	5.4	5.7	5.5	5.6	5.0	4.7		
Denatured alcohol:																
Production.....mil. wine gal.	22.9	23.9	22.0	25.6	23.6	24.5	26.6	23.7	23.9	25.1	23.8	24.2	24.7	25.4		
Consumption (withdrawals).....do.	23.0	24.0	22.0	25.6	24.5	23.8	26.4	23.1	24.7	24.8	23.5	24.4	25.3	24.8		
Stocks, end of month.....do.	3.9	3.0	2.8	2.8	2.0	3.3	3.2	3.7	2.9	3.1	3.4	3.6	2.9	3.4		
FERTILIZERS																
Exports, total².....thous. sh. tons.																
Nitrogenous materials.....do.	67	55	43	81	64	66	28	39	68	55	63	47	39	63	101	
Phosphate materials.....do.	448	487	557	487	517	524	458	534	495	468	529	660	592	691	659	
Potash materials.....do.	71	59	81	83	88	66	100	59	94	33	50	60	75	105	108	
Imports, total semimanufactures².....do.																
Ammonium nitrate.....do.	18	21	19	24	27	20	20	16	17	19	17	11	14	21	20	
Ammonium sulfate.....do.	20	20	21	27	11	11	14	29	36	43	11	7	4	7	12	
Potassium chloride.....do.	39	73	111	98	52	65	117	93	126	150	65	34	42	117	104	
Sodium nitrate.....do.	36	34	14	31	35	39	32	30	22	63	22	50	18	23	25	
Potash deliveries (K ₂ O).....do.	197	227	161	258	162	189	374	233	369	424	254	66	151	355	189	
Superphosphate and other phosphatic fertilizers (100% P₂O₅):																
Production.....thous. sh. tons.	235	269	247	291	282	294	304	327	336	337	307	272	247	269	268	
Stocks, end of month.....do.	425	419	441	446	462	490	452	443	383	249	249	349	408	422	400	
MISCELLANEOUS PRODUCTS																
Explosives (Industrial), shipments, quarterly:																
Black blasting powder.....thous. lb.	1,306	1,284	423			323			141			195			289	
High explosives.....do.	127,199	1301,665	321,379			322,968			262,470			334,018			345,873	
Paints, varnish, and lacquer, factory shipments:																
Total shipments.....mil. \$.	152.7	157.5	160.3	171.1	138.9	117.7	138.8	142.5	165.2	186.0	188.5	197.8	183.1	181.3	176.4	
Trade products.....do.	89.8	93.8	97.1	100.2	77.0	61.0	75.5	80.6	97.1	112.2	115.0	119.5	115.6	111.5	104.2	
Industrial finishes.....do.	62.9	63.7	63.2	70.9	61.9	56.7	63.3	61.9	68.1	73.8	73.5	78.3	67.5	69.8	72.2	
Sulfur, native (Frasch) and recovered:																
Production.....thous. lg. tons.	3,490	3,486	473	491	484	495	500	499	499	513	531	505	515	533	510	
Stocks (producers'), end of month.....do.	4,832	4,875	4,844	4,743	4,763	4,760	4,780	4,786	4,720	4,686	4,676	4,614	4,501	4,483	4,445	
PLASTICS AND RESIN MATERIALS																
Production:																
Cellulose plastic materials.....mil. lb.	13.2	12.7	12.8	14.0	13.8	12.1	11.6	13.0	15.2	13.9	12.4	13.7	11.3	12.1		
Thermosetting resins:																
Alkyd resins.....do.	345.7	46.5	43.3	47.2	40.5	37.7	44.4	44.0	48.5	49.0	48.0	49.8	45.5	49.2		
Coumarone-indene and petroleum polymer resins.....do.	329.0	25.8	25.5	30.2	24.9	25.9	26.0	25.0	27.6	29.8	26.2	27.7	27.5	25.3		
Polyester resins.....do.	317.7	21.3	21.2	23.9	21.2	20.4	22.7	23.9	25.4	27.2	27.0	26.7	23.3	25.8		
Phenolic and other tar acid resins.....do.	357.5	61.0	62.8	69.6	62.0	61.7	66.3	64.0	72.6	71.5	67.3	65.5	53.8	70.4		
Urea and melamine resins.....do.	340.7	42.2	42.2	48.5	41.5	38.0	42.8	39.6	43.1	45.9	43.4	43.1	37.4	44.1		
Thermoplastic resins:																
Styrene-type plastic materials (polystyrene).....mil. lb.	3106.2	124.3	130.1	136.5	133.2	127.8	132.3	136.6	146.3	144.7	149.7	147.5	129.2	144.8		
Vinyl resins (resin content basis).....do.	3130.5	149.3	156.5	168.3	160.5	153.0	150.5	158.3	173.3	174.4	176.7	170.9	156.8	177.9		
Polyethylene.....do.	168.0	188.2	183.3	202.4	200.0	210.1	210.8	208.7	210.1	217.8	226.6	215.9	216.8	221.0		

¹ Revised. ² Quarterly average. ³ 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. ⁴ Based on annual total containing revisions not distributed by months.

⁵ Data are reported on the basis of 100% content of the specified material unless otherwise indicated. ⁶ Includes data not shown separately. ⁷ 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
ELECTRIC POWER AND GAS																
ELECTRIC POWER																
Production (utility and industrial), total [○]																
Electric utilities, total..... mil. kw.-hr.	78,624	83,991	82,892	84,845	82,437	90,302	90,642	84,613	87,987	84,534	87,226	90,585	95,724	94,949	89,465	
By fuels..... do.	71,026	76,167	75,156	76,712	74,474	82,260	82,328	76,701	79,595	76,392	78,894	82,294	87,606	86,647	81,376	
By waterpower..... do.	57,003	62,379	63,144	64,491	61,769	67,653	67,834	62,906	63,652	60,092	63,031	68,341	73,343	72,763	68,319	
Privately and municipally owned util..... do.	14,024	13,788	12,012	12,222	12,705	14,607	14,493	13,795	15,942	16,301	15,863	13,953	14,263	13,884	13,057	
Other producers (publicly owned)..... do.	57,725	62,095	61,769	63,181	60,837	66,459	67,024	62,143	64,596	62,204	64,155	67,960	72,645	71,588	67,340	
Other producers (publicly owned)..... do.	13,301	14,073	13,387	13,531	13,637	15,802	15,304	14,558	14,999	14,188	14,739	14,334	14,961	15,059	14,036	
Industrial establishments, total..... do.	7,597	7,824	7,735	8,133	7,963	8,042	8,313	7,912	8,392	8,142	8,332	8,292	8,118	8,302	8,089	
By fuels..... do.	7,313	7,555	7,533	7,917	7,722	7,770	8,019	7,621	8,075	7,907	8,027	8,045	7,892	8,084	7,872	
By waterpower..... do.	284	270	202	215	241	272	294	291	317	335	305	246	226	218	217	
Sales to ultimate customers, total (EEI)..... do.	64,674	69,234	72,079	69,516	68,309	71,364	75,196	72,724	72,692	71,549	71,065	72,775	75,827	78,514		
Commercial and industrial:																
Small light and power..... do.	12,098	13,876	15,714	14,284	13,665	13,708	14,165	14,061	14,121	14,034	14,327	15,551	17,194	17,781		
Large light and power..... do.	31,160	32,367	33,172	33,701	32,893	32,978	32,993	32,330	33,330	33,643	34,459	34,675	33,749	34,829		
Railways and railroads..... do.	393	389	348	373	378	451	439	436	409	384	368	366	359	357		
Residential or domestic..... do.	18,868	20,141	20,356	18,553	18,793	21,630	24,932	23,295	22,301	20,982	19,431	19,639	21,972	22,966		
Street and highway lighting..... do.	612	646	631	691	735	773	780	711	693	641	613	589	599	638		
Other public authorities..... do.	1,529	1,683	1,706	1,776	1,719	1,716	1,769	1,774	1,707	1,721	1,712	1,780	1,779	1,774		
Interdepartmental..... do.	104	133	152	138	126	108	118	118	130	143	156	174	174	169		
Revenue from sales to ultimate customers (Edison Electric Institute)..... mil. \$.	1,085.4	1,141.4	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	1,178.5	1,236.5	1,272.4		
GAS																
Manufactured and mixed gas (quarterly): ^{♂†}																
Customers, end of quarter, total [♀] thous.	1,922	1,540	1,209			1,172			1,197			1,162				
Residential..... do.	1,800	1,439	1,125			1,089			1,112			1,081				
Industrial and commercial..... do.	122	99	83			82			84			80				
Sales to consumers, total [♀] mil. therms.	530	495	213			418			667			369				
Residential..... do.	370	336	98			269			480			217				
Industrial and commercial..... do.	157	155	114			146			184			150				
Revenue from sales to consumers, total [♀] mil. \$.	67.3	59.0	25.8			46.2			75.3			42.4				
Residential..... do.	51.3	44.3	16.3			33.4			57.0			29.4				
Industrial and commercial..... do.	15.7	14.4	9.5			12.7			17.9			12.8				
Natural gas (quarterly): ^{♂†}																
Customers, end of quarter, total [♀] thous.	32,674	33,940	33,940			34,996			35,104			34,999				
Residential..... do.	30,014	31,207	31,277			32,150			32,201			32,163				
Industrial and commercial..... do.	2,624	2,695	2,626			2,807			2,866			2,797				
Sales to consumers, total [♀] mil. therms.	25,045	26,412	19,550			25,947			37,972			26,699				
Residential..... do.	8,466	8,828	2,996			8,168			17,093			7,851				
Industrial and commercial..... do.	15,321	16,279	15,304			16,457			19,082			17,378				
Revenue from sales to consumers, total [♀] mil. \$.	1,541.3	1,620.6	1,006.6			1,601.7			2,533.0			1,579.9				
Residential..... do.	847.7	886.2	404.0			852.7			1,763.0			819.6				
Industrial and commercial..... do.	651.0	689.0	563.0			702.6			907.2			712.3				

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production..... mil. bbl.	8.07	8.39	7.42	7.93	6.85	7.31	7.63	7.50	8.95	9.63	9.28	10.31	11.54	9.88		
Taxable withdrawals..... do.	7.60	7.82	7.37	7.95	6.73	7.05	6.74	6.42	7.80	8.49	8.73	9.48	10.92	9.40		
Stocks, end of month..... do.	10.46	10.76	10.72	10.19	9.85	9.67	10.08	10.68	11.30	11.82	11.77	11.93	11.77	11.56		
Distilled spirits (total):																
Production..... mil. tax gal.	12.90	12.50	9.42	15.99	13.39	14.18	13.89	13.51	14.06	14.51	13.38	12.79	8.65	9.13		
Consumption, apparent, for beverage purposes..... mil. wine gal.	21.14	21.58	19.46	24.45	25.89	30.92	18.49	18.43	21.84	21.08	22.27	22.03	20.94	20.72		
Taxable withdrawals..... mil. tax gal.	10.27	10.34	11.11	14.57	11.36	8.56	9.34	9.53	10.51	11.46	10.91	10.98	9.51	10.62		
Stocks, end of month..... do.	882.72	876.90	869.81	867.44	865.87	870.00	871.77	873.19	874.44	874.54	874.27	873.92	871.04	866.18		
Imports..... mil. proof gal.	3.60	3.82	3.94	5.71	5.37	4.87	3.03	3.07	3.62	3.84	3.71	4.16	3.27	3.58	4.69	
Whisky:																
Production..... mil. tax gal.	9.41	8.74	5.80	10.13	8.49	9.99	10.38	10.27	10.36	10.95	9.44	8.46	5.03	5.41		
Taxable withdrawals..... do.	7.18	7.08	8.02	10.85	8.38	5.91	6.46	6.73	7.05	7.50	7.05	6.56	5.72	6.68		
Stocks, end of month..... do.	859.13	852.54	846.88	843.02	840.03	842.40	844.01	854.14	846.10	846.91	846.76	846.81	844.27	839.97		
Imports..... mil. proof gal.	3.18	3.35	3.38	5.04	4.83	4.19	1.57	1.77	3.23	3.42	3.42	3.71	2.85	3.07	4.00	
Rectified spirits and wines, production, total																
Whisky..... mil. proof gal.	7.20	7.24	7.74	10.88	8.15	5.87	6.35	6.27	7.24	7.85	7.38	7.27	6.35	6.69		
Wines and distilling materials..... do.	5.33	5.19	5.68	8.35	6.24	4.15	4.33	4.51	5.18	5.68	5.16	4.92	4.33	4.58		
Effervescent wines:																
Production..... mil. wine gal.	.37	.40	.34	.45	.37	.44	.43	.48	.63	.53	.38	.68	.27	.42		
Taxable withdrawals..... do.	.32	.35	.39	.54	.57	.59	.34	.27	.34	.33	.36	.43	.28	.35		
Stocks, end of month..... do.	2.79	3.00	3.21	3.07	2.86	2.65	2.71	2.88	3.14	3.31	3.30	3.49	3.46	3.49		
Imports..... do.	.09	.09	.09	.18	.14	.15	.06	.06	.08	.08	.09	.09	.07	.09		
Still wines:																
Production..... do.	15.78	16.86	45.43	108.68	21.47	4.76	2.73	2.97	3.40	2.19	1.84	1.92	.85	3.12		
Taxable withdrawals..... do.	12.52	13.11	12.52	15.56	14.07	13.71	13.57	13.76	15.96	13.80	12.86	13.25	10.42	12.27		
Stocks, end of month..... do.	178.86	185.03	155.87	246.45	249.05	229.08	213.89	201.61	185.83	175.68	164.18	150.88	139.42	130.04		
Imports..... do.	1.08	1.11	1.07	1.92	1.47	1.18	.79	1.57	1.10	.90	1.16	1.21	1.02	1.09	.91	
Distilling materials produced at wineries..... do.	31.27	39.39	118.07	202.64	70.11	18.48	5.10	8.38	6.15	1.79	1.51	.86	1.40	9.84		

[♂] Revised. [†] Beginning Jan. 1963, data are not directly comparable with those for earlier periods. Latest revised data for Jan.-Jul. 1963 are as shown in the Oct. 1964 SURVEY; those for Aug. 1963 (mil. kw.-hr.): Small light and power, 16,271; large, 33,239.

○ 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; those for 1st and 2d qtrs. of 1963 will be shown later.

♀ 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

DAIRY PRODUCTS																
Butter, creamery:																
Production (factory)†..... mil. lb.	128.1	118.3	85.5	91.8	91.9	111.6	128.8	123.5	139.4	142.7	153.5	142.9	110.7	95.8	86.4	
Stocks, cold storage, end of month..... do.	363.4	328.4	328.7	284.5	241.3	207.0	187.1	191.2	191.0	195.7	203.5	234.9	243.7	221.2	180.9	142.1
Price, wholesale, 92-score (N.Y.)..... \$ per lb.	.594	.590	.603	.596	.593	.593	.587	.587	.586	.586	.587	.587	.591	.604	.623	
Cheese:																
Production (factory), total†..... mil. lb.	132.1	135.9	124.9	122.5	115.7	124.5	125.9	124.0	145.8	151.8	176.4	175.3	151.0	140.8	128.9	
American, whole milk†..... do.	91.1	93.2	84.0	81.6	73.7	78.3	82.4	81.4	96.5	106.5	128.3	128.1	108.7	97.7	86.7	
Stocks, cold storage, end of month, total..... do.	463.4	385.0	407.9	378.2	363.3	340.7	318.1	301.6	301.7	323.1	352.2	381.8	398.6	388.6	363.5	345.5
American, whole milk..... do.	420.4	344.9	363.9	336.9	323.7	301.6	279.2	263.7	264.0	284.0	309.7	339.2	353.1	341.1	318.6	302.6
Imports..... do.	6.5	6.9	5.1	7.5	9.7	8.4	6.6	4.6	8.5	6.4	7.0	5.4	3.6	4.6	6.9	
Price, wholesale, American, single daisies (Chicago)..... \$ per lb.	.400	.426	.428	.432	.432	.432	.430	.430	.422	.420	.420	.421	.428	.431	.446	.451
Condensed and evaporated milk:																
Production, case goods:†																
Condensed (sweetened)..... mil. lb.	6.1	6.6	6.9	3.9	4.0	7.0	6.0	5.6	6.7	10.7	10.0	7.2	8.3	8.8	6.8	
Evaporated (unsweetened)..... do.	160.7	158.1	140.3	129.7	122.2	133.9	140.3	141.5	150.0	160.8	208.5	202.0	184.0	174.0	151.0	
Stocks, manufacturers', end of month:																
Condensed (sweetened)..... mil. lb.	5.0	6.6	6.2	5.7	6.5	5.8	5.9	6.1	7.3	9.1	10.0	9.6	9.4	9.9	9.6	
Evaporated (unsweetened)..... do.	178.4	162.9	231.8	199.8	150.8	131.7	96.8	82.6	69.7	82.6	147.6	208.2	249.7	286.3	231.1	
Exports:																
Condensed (sweetened)..... do.	4.0	5.0	5.9	7.9	3	7.0	3.3	3.0	3.4	5.2	8.6	5.4	5.4	6.8	3.9	
Evaporated (unsweetened)..... do.	5.5	5.2	10.0	3.3	3.8	2.9	2.5	3.1	2.4	3.0	2.7	3.0	3.3	3.1	5.3	
Price, manufacturers' average selling:																
Evaporated (unsweetened)..... \$ per case.	6.11	6.01	6.00	6.00	5.99	6.00	6.00	5.98	5.96	5.94	5.93	5.93	5.93	6.00	6.00	
Fluid milk:																
Production on farms..... mil. lb.	10,502	10,399	9,558	9,557	9,205	9,706	10,066	9,842	11,007	11,346	12,330	11,790	10,824	10,177	9,626	9,652
Utilization in mfd. dairy products..... do.	5,216	5,099	4,183	4,148	3,900	4,399	4,922	4,917	5,655	5,904	6,613	6,528	5,620	5,012	4,370	4,370
Price, wholesale, U.S. average..... \$ per 100 lb.	4.10	4.10	4.29	4.43	4.48	4.42	4.34	4.25	4.12	3.94	3.82	3.78	3.94	4.10	4.28	4.48
Dry milk:																
Production:†																
Dry whole milk..... mil. lb.	6.6	7.6	7.6	7.1	6.7	6.3	7.6	6.6	7.3	7.8	7.4	6.6	6.8	7.5	8.0	
Nonfat dry milk (human food)..... do.	185.5	174.7	119.4	121.4	128.2	158.3	176.9	181.0	206.7	217.7	250.2	235.6	181.5	148.1	121.7	
Stocks, manufacturers', end of month:																
Dry whole milk..... do.	6.3	5.7	4.8	5.0	5.3	5.3	6.1	5.8	6.6	7.5	7.1	6.4	6.2	5.9	6.0	
Nonfat dry milk (human food)..... do.	123.4	95.0	82.1	63.0	64.3	81.5	80.9	86.1	97.6	104.6	130.6	128.6	127.3	114.4	94.7	
Exports:																
Dry whole milk..... do.	1.1	2.5	2.6	2.0	1.6	2.9	2.1	.8	.8	1.1	1.3	.6	2.4	.9	6.1	
Nonfat dry milk (human food)..... do.	25.5	44.6	39.2	41.9	53.6	38.0	27.4	37.9	88.6	61.0	119.4	107.1	93.5	65.5	65.1	
Price, manufacturers' average selling, nonfat dry milk (human food)..... \$ per lb.	.148	.144	.144	.144	.144	.146	.146	.146	.146	.146	.146	.146	.143	.146	.148	
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat)..... mil. bu.	96.9	103.4	92.7	115.6	125.6	130.7	123.8	112.5	123.4	126.6	129.8	96.8	91.8	99.7	115.4	
Barley:																
Production (crop estimate)..... do.	1436.4	1399.9														1388.5
Stocks (domestic), end of quarter, total..... do.	284.8	284.0	426.0			329.5				231.0		132.7				401.0
On farms..... do.	160.8	165.0	262.6			199.1				119.2		59.7				252.0
Off farms..... do.	124.0	119.0	163.4			130.4				101.8		73.0				149.0
Exports, including malt..... do.	8.3	4.8	5.5	4.8	7.7	5.8	5.5	6.7	2.9	5.0	12.6	7.7	2.0	3.4	6.0	
Prices, wholesale (Minneapolis):																
No. 2, malting..... \$ per bu.	1.26	1.19	1.18	1.22	1.21	1.18	1.18	1.16	1.18	1.22	1.23	1.19	1.18	1.16	1.26	1.26
No. 3, straight..... do.	1.20	1.11	1.09	1.14	1.11	1.09	1.10	1.09	1.10	1.14	1.16	1.11	1.08	1.06	1.17	1.19
Corn:																
Production (crop estimate, grain only)..... mil. bu.	13,637	14,082														13,541
Grindings, wet process..... do.	14.3	15.4	15.3	16.8	16.7	14.4	15.9	15.9	17.4	16.5	17.2	17.0	15.2	15.7	15.9	16.6
Stocks (domestic), end of quarter, total..... mil. bu.	2,929	2,705	1,346			4,353			3,264		2,342					1,510
On farms..... do.	1,807	1,779	514			3,217			2,254		1,479					654
Off farms..... do.	1,122	926	831			1,136			1,010		863					855
Exports, including meal and flour..... do.	35.5	36.6	27.8	33.5	55.7	54.7	46.8	33.5	33.5	42.4	35.4	28.0	32.8	42.9	39.5	
Prices, wholesale:																
No. 3, yellow (Chicago)..... \$ per bu.	1.11	1.24	1.35	1.18	1.15	1.19	1.22	1.19	1.21	1.24	1.28	1.26	1.22	1.25	1.26	1.21
Weighted avg., 5 markets, all grades..... do.	1.08	1.20	1.26	1.19	1.16	1.19	1.20	1.18	1.21	1.24	1.27	1.24	1.21	1.23	1.25	1.22
Oats:																
Production (crop estimate)..... mil. bu.	11,020	1,981														1,893
Stocks (domestic), end of quarter, total..... do.	628	621	946			773			517		316					884
On farms..... do.	553	545	833			688			446		252					763
Off farms..... do.	74	76	113			85			72		63					120
Exports, including oatmeal..... do.	2.5	.9	.8	.6	.2	.2	.2	.2	.1	.3	.7	.9	.6	1.0	1.1	
Price, wholesale, No. 2, white (Chicago)†..... \$ per bu.	.71	.73	.71	.71	.72	.74	.75	.71	.68	.68	.66	.66	.65	.68	.71	.71
Rice:																
Production (crop estimate)..... mil. bags ♀	166.0	170.1														172.2
California mills:																
Receipts, domestic, rough..... mil. lb.	126	122	61	271	81	70	206	138	141	163	103	66	62	68	44	
Shipments from mills, milled rice..... do.	79	85	45	62	46	84	89	187	82	184	109	42	55	42	53	
Stocks, rough and cleaned (cleaned basis), end of month..... mil. lb.	97	132	75	192	200	168	232	143	170	105	69	74	56	54	28	
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers..... mil. lb.	364	438	1,679	1,113	377	295	329	192	123	148	71	58	135	717	1,348	
Shipments from mills, milled rice..... do.	255	270	332	357	264	329	379	386	555	494	428	355	306	395	553	
Stocks, domestic, rough and cleaned (cleaned basis), end of month..... mil. lb.	866	957	1,340	1,235	1,710	1,592	1,447	1,197	931	746	531	372	296	559	1,122	
Exports..... do.	193	220	87	197	203	357	314	419	356	400	265	237	122	79	160	
Price, wholesale, Nato, No. 2 (N.O.)..... \$ per lb.	.094	.093	.087	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.083	
Rye:																
Production (crop estimate)..... mil. bu.	140.8	129.4														134.4
Stocks (domestic), end of quarter, total..... do.	19.9	15.0	23.1			14.8			10.8		5.3					30.1
Price, wholesale, No. 2 (Minneapolis)..... \$ per bu.	1.22	1.30	1.42	1.45	1.44	1.42	1.48	1.38	1.34	1.32	1.29	1.28	1.19	1.20	1.27	1.25

♂ 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.

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

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

GRAIN AND GRAIN PRODUCTS—Con.																
Wheat:																
Production (crop estimate), total..... mil. bu.	1,094	1,138														2,286
Spring wheat..... do.	1,273	1,233														2,267
Winter wheat..... do.	1,821	1,905														2,109
Distribution (quarterly total)..... do.	3,316	3,337	392			329			410			305			381	
Stocks (domestic), end of quarter, total..... do.																
On farms..... do.	1,713	1,563	1,941			1,613			1,205			4,901			1,806	
Off farms..... do.	2,259	2,252	409			309			153			475			500	
Total..... do.	1,453	1,311	1,533			1,304			1,052			4,826			1,306	
Exports, total, including flour..... do.																
Wheat only..... do.	49.2	59.7	58.1	75.5	61.0	68.9	70.5	71.5	86.6	78.0	79.5	60.0	56.3	52.3	66.5	
Wheat only..... do.	43.0	53.3	52.2	70.4	55.1	60.0	66.0	65.6	81.5	70.7	72.1	54.8	52.8	44.6	60.4	
Prices, wholesale:																
No. 1, dark northern spring (Minneapolis) \$ per bu.																
No. 2, hd. and dk. hd. winter (Kans. City)..... do.	2.48	2.42	2.36	2.43	2.39	2.37	2.37	2.32	2.25	2.34	2.35	2.38	1.70	1.74	1.80	1.84
Weighted avg., 6 markets, all grades..... do.	2.19	2.20	2.09	2.20	2.21	2.23	2.24	2.23	2.17	2.26	2.13	1.53	1.55	1.58	1.63	1.66
Wheat flour..... do.	2.41	2.33	2.29	2.37	2.34	2.31	2.31	2.27	2.19	2.26	2.26	1.68	1.59	1.69	1.72	1.75
Wheat flour:																
Production:																
Flour..... thous. sacks (100 lb.)	21,839	21,991	21,409	24,649	22,220	21,399	23,519	21,218	21,956	22,241	21,961	27,057	14,953	20,818	23,305	
Operations, percent of capacity..... do.	92.4	92.6	97.9	98.0	101.6	91.8	97.5	96.8	90.0	91.2	94.3	111.0	58.7	89.6	99.3	
Offal..... thous. sh. tons.	406	407	400	459	412	393	433	390	406	411	409	507	293	390	435	
Grindings of wheat..... thous. bu.	49,613	49,976	48,798	56,105	50,558	48,599	53,494	47,872	49,646	50,226	49,897	61,557	34,215	47,324	52,968	
Stocks held by mills, end of quarter..... do.																
Exports..... do.	4,584	4,710	4,516			4,823			5,843			5,354		4,840		
Total..... do.	2,686	2,808	2,570	2,232	2,550	3,878	1,912	2,527	2,183	3,127	3,191	2,249	1,540	3,289	2,620	
Prices, wholesale:																
Spring, standard patent (Minneapolis) \$ per 100 lb.																
Winter, hard, 95% patent (Kans. City)..... do.	5.909	5.639	5.550	5.725	5.738	5.538	5.538	5.563	5.313	5.600	5.478	5.783	5.983	5.765	5.673	
Winter, hard, 95% patent (Kans. City)..... do.	5.621	5.365	5.283	5.467	5.450	5.233	5.250	5.300	5.150	5.400	5.250	5.333	5.643	5.510	5.488	
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves..... thous. animals	415	378	395	462	385	400	412	342	400	379	321	338	385	384	453	
Cattle..... do.	1,805	1,829	1,829	2,092	1,793	1,808	2,013	1,710	1,878	2,045	2,070	2,207	2,162	2,125	2,199	
Receipts (salable) at 27 public markets..... do.	1,225	1,173	1,287	1,592	1,283	1,205	1,189	969	1,141	1,139	1,082	1,257	1,201	1,228	1,301	1,619
Shipments, feeder, to 8 corn-belt States..... do.	695	551	717	1,281	1,133	578	525	319	384	355	322	260	359	588	861	
Prices, wholesale:																
Beef steers (Chicago) \$ per 100 lb.																
Steers, stocker and feeder (Kansas City)..... do.	27.20	23.79	23.80	23.97	23.38	22.16	22.38	21.18	21.38	21.03	20.29	21.37	23.15	24.94	25.82	24.88
Calves, vealers (Natl. Stockyards, Ill.)..... do.	24.53	22.95	22.71	22.38	21.53	20.06	21.17	21.57	21.42	20.91	19.24	18.92	18.81	19.30	19.79	19.33
Hogs:																
Slaughter (federally inspected)..... thous. animals																
Receipts (salable) at 27 public markets..... do.	5,648	5,965	5,868	6,775	6,380	6,695	6,956	5,898	6,420	6,481	5,476	5,038	4,928	4,841	5,630	1,860
Shipments, feeder, to 8 corn-belt States..... do.	1,650	1,646	1,573	1,846	1,726	1,874	1,828	1,511	1,635	1,681	1,460	1,443	1,405	1,294	1,506	
Prices, wholesale:																
Average, all grades (Chicago) \$ per 100 lb.																
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)..... do.	16.44	15.03	15.53	15.29	14.39	13.76	14.22	14.37	14.22	13.89	14.46	15.22	15.88	16.21	16.40	15.13
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)..... do.	16.4	13.6	12.8	14.1	13.9	12.7	13.2	13.2	12.7	12.3	12.3	12.8	14.2	13.9	13.8	13.7
Sheep and lambs:																
Slaughter (federally inspected)..... thous. animals																
Receipts (salable) at 27 public markets..... do.	1,224	1,163	1,236	1,441	1,112	1,105	1,296	980	1,035	1,052	986	1,056	1,118	1,020	1,141	
Shipments, feeder, to 8 corn-belt States..... do.	524	444	601	640	419	406	394	294	304	319	289	337	343	385	511	551
Shipments, feeder, to 8 corn-belt States..... do.	224	200	428	467	213	122	146	143	133	171	215	154	179	314	433	
Prices, wholesale:																
Lambs, average (Chicago) \$ per 100 lb.																
Lambs, feeder, good and choice (Omaha)..... do.	19.45	18.69	18.75	18.25	18.88	19.38	19.50	21.12	22.25	22.25	24.00	23.75	23.38	23.50	22.50	20.50
Lambs, feeder, good and choice (Omaha)..... do.	15.57	17.83	17.47	17.10	17.00	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	20.31
MEATS AND LARD																
Total meats:																
Production (carcass weight, leaf lard in), inspected slaughter..... mil. lb.																
Stocks (excluding lard), cold storage, end of month..... do.	2,151	2,292	2,245	2,582	2,366	2,450	2,662	2,252	2,447	2,575	2,406	2,404	2,332	2,221	2,405	
Exports (meat and meat preparations)..... do.	481	592	523	541	623	653	729	773	810	872	873	833	731	628	532	583
Imports (meat and meat preparations)..... do.	42	45	47	58	62	49	60	56	53	47	63	56	49	48	50	
Imports (meat and meat preparations)..... do.	109	122	144	132	112	121	119	73	101	89	76	126	75	106	79	
Beef and veal:																
Production, inspected slaughter..... do.																
Stocks, cold storage, end of month..... do.	1,046.6	1,137.4	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	1,336.5	1,278.0	1,323.3	
Exports..... do.	163.5	217.2	228.2	246.1	279.5	287.6	297.5	282.1	284.5	276.3	285.7	300.4	296.3	300.9	253.2	260.2
Imports..... do.	2.3	2.3	2.8	3.2	2.9	2.4	3.5	2.1	2.5	3.9	5.7	5.0	3.8	3.1	2.4	
Imports..... do.	79.0	92.0	122.0	105.7	89.8	90.6	89.3	51.9	71.4	66.4	53.1	99.6	66.3	99.9	58.1	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York) \$ per lb.																
Lamb and mutton..... do.	.464	.417	.426	.417	.404	.391	.398	.381	.378	.379	.372	.384	.408	.424	.430	.419
Lamb and mutton:																
Production, inspected slaughter..... mil. lb.																
Stocks, cold storage, end of month..... do.	57.9	55.6	57.4	67.3	52.5	53.2	63.9	49.6	52.5	53.6	48.2	48.3	51.0	46.2	52.4	
Stocks, cold storage, end of month..... do.	14.3	19.5	18.0	17.8	17.2	18.6	18.3	18.4	18.3	16.3	16.4	18.2	17.3	16.1	15.3	14.2
Pork (including lard), production, inspected slaughter..... mil. lb.																
Pork (excluding lard)..... do.	1,046.5	1,099.0	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	944.4	896.9	1,029.2	
Production, inspected slaughter..... do.	806.0	856.6	823.7	959.3	939.2	987.4	1,017.1	854.4	914.5	940.9	798.4	743.6	733.6	694.7	809.7	
Stocks, cold storage, end of month..... do.	235.9	279.2	210.4	208.9	250.2	276.7	332.8	382.3	411.2	473.6	468.8	412.9	321.4	229.1	184.0	223.2
Exports..... do.	5.3	11.5	9.7	14.4	15.1	16.5	22.9	18.5	13.0	10.9	13.5	12.9	8.6	5.9	5.5	
Imports..... do.	17.0	17.6	14.8	19.1	16.2	18.6	16.7	14.8	19.7	16.3	18.0	17.0	17.8	15.9	17.9	
Prices, wholesale:																
Hams, smoked, composite..... \$ per lb.																
Fresh loins, 8-12 lb. average (New York)..... do.	.491	.464	.465	.463	.472	.480	.458	.457	.452	.435	.423	.448	.453	.475	.463	
Fresh loins, 8-12 lb. average (New York)..... do.	.475	.443	.478	.461	.427	.417	.438	.413	.409	.401	.395	.461	.503	.513	.505	.478
Lard:																
Production, inspected slaughter..... mil. lb.																
Stocks, dry and cold storage, end of month..... do.	175.3	176.4	165.1	191.3	187.1	198.4	209.4	173.0	189.1	193.0	175.7	165.7	155.5	147.8	159.3	
Exports..... do.	98.9	123.1	81.2	75.2	92.4	119.4	105.7	124.9	113.6	116.3	125.2	96.3	98.1	89.1	68.2	
Imports..... do.	35.2	44.8	53.2	47.6	35.2	32.7	62.7	52.3	51.6	72.8	51.9	91.1	45.8	46.3	46.4	
Price, wholesale, refined (Chicago)..... \$ per lb.	.125	.122	.123	.131	.143	.125	.128	.131	.126	.130	.130	.131	.130	.131	.135	

Revised. Preliminary. 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. Beginning July 1964, data are for 26 public markets.

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

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

POULTRY AND EGGS																
Poultry:																
Slaughter (commercial production).....mil. lb.	578	604	735	833	688	636	552	459	494	541	569	611	635	699	735	
Stocks, cold storage (frozen), end of month, total mil. lb.	306	295	363	490	426	364	359	320	273	241	219	211	227	275	366	490
Turkeys.....do.	199	184	251	361	288	217	215	188	151	123	100	89	102	149	233	345
Price, in Georgia producing area, live broilers \$ per lb.	.144	.138	.130	.134	.138	.128	.139	.141	.140	.135	.130	.135	.145	.140	.145	.140
Eggs:																
Production on farms.....mil. cases	14.5	14.6	13.6	14.3	14.2	14.7	14.8	14.4	16.0	15.7	16.0	15.0	14.9	14.5	14.0	14.6
Stocks, cold storage, end of month:																
Shell.....thous. cases	186	132	154	137	111	67	137	78	36	81	171	201	184	119	155	161
Frozen.....mil. lb.	82	73	95	80	68	55	44	40	46	62	86	106	114	108	98	84
Price, wholesale, extras, large (delivered; Chicago) \$ per doz.	.334	.343	.395	.375	.376	.372	.387	.320	.326	.290	.276	.293	.326	.381	.362	
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells).....thous. lg. tons.	23.8	23.5	19.3	19.3	13.8	21.0	26.7	23.9	29.4	16.8	17.6	22.2	18.4	26.8	19.7	
Price, wholesale, Accra (New York).....\$ per lb.	.208	.253	.256	.276	.255	.261	.263	.233	.236	.220	.228	.224	.235	.228	.234	.235
Coffee (green):																
Inventories (roasters', importers', dealers'), end of quarter.....thous. bags	\$ 3,355	\$ 3,922	4,008			4,726				4,366		4,216			4,006	
Roastings (green weight), quarterly total.....do.	\$ 5,669	\$ 5,704	5,074			6,306				6,645		5,016			5,041	
Imports, total.....do.	2,041	1,986	2,167	2,486	2,181	2,143	1,977	1,970	2,476	2,460	1,597	1,344	1,552	1,428	1,660	
From Brazil.....do.	758	772	908	949	1,026	982	718	591	1,006	843	302	399	441	368	525	
Price, wholesale, Santos, No. 4 (New York) \$ per lb.	.344	.345	.335	.353	.380	.380	.480	.465	.505	.500	.490	.485	.475	.473	.455	.482
Confectionery, manufacturers' sales.....mil. \$.	105	110	154	148	133	119	129	120	109	104	89	86	77	101	161	
Fish:																
Stocks, cold storage, end of month.....mil. lb.	180	206	236	243	249	244	220	178	163	156	162	177	200	216	219	211
Sugar:																
Cuban stocks, raw, end of month thous. Spanish tons.	1,424	929	308	108	175	25	130	625	1,345	1,835	1,695	1,370	1,380	780	255	125
United States:																
Deliveries and supply (raw basis):\$																
Production and receipts:																
Production.....thous. sh. tons.	273	314	146	750	938	939	595	305	197	120	66	45	79	120		
Entries from off-shore, total.....do.	550	540	230	424	241	124	1,213	224	371	348	399	723	628	783	529	
Hawaii and Puerto Rico.....do.	166	159	98	150	94	56	78	108	228	223	216	244	224	190	158	
Deliveries, total.....do.	821	836	960	968	639	952	642	583	701	732	765	919	976	978		
For domestic consumption.....do.	813	832	958	967	637	950	641	582	700	731	764	918	974	977		
Stocks, raw and refined, end of month.....do.	1,599	1,675	1,023	1,273	1,920	2,487	2,579	2,581	2,533	2,341	2,185	1,866	1,493	1,234	973	
Exports, raw and refined.....sh. tons.	259	342	154	209	1,127	352	585	785	571	367	407	396	231	231	171	
Imports:																
Raw sugar, total.....thous. sh. tons.	359	359	383	351	214	423	163	92	226	205	340	293	367	271	429	
From Republic of the Philippines.....do.	102	91	101	90	9	94	68	11	89	42	127	77	170	101	183	
Refined sugar, total.....do.	25	14	42	19	19	14	2	2	1	3	1	5	11	6	7	
Prices (New York):																
Raw, wholesale.....\$ per lb.	.065	.081	.073	.092	.095	.084	.095	.082	.073	.074	.068	.066	.063	.062	.062	.063
Refined:																
Retail (incl. N. E. New Jersey).....\$ per 5 lb.	.569	.688	.681	.675	.750	.771	.769	.774	.737	.722	.696	.668	.668	.662	.662	.663
Wholesale (excl. excise tax).....\$ per lb.	.089	.111	.099	.114	.127	.122	.125	.118	.112	.105	.102	.092	.092	.092	.088	.088
Tea, imports.....thous. lb.	10,808	10,503	11,011	13,439	10,571	8,851	10,823	10,627	12,377	13,982	11,552	10,409	10,392	8,533	10,897	
Baking or frying fats (incl. shortening):																
Production.....mil. lb.	224.0	211.1	214.5	258.1	228.8	203.0	207.1	209.8	213.0	216.3	221.4	233.8	182.2	228.9	243.1	
Stocks (producers' and warehouse), end of month mil. lb.	173.5	132.3	103.7	103.4	104.2	119.3	114.2	113.4	113.9	116.5	122.1	131.1	117.2	99.9	99.6	
Salad or cooking oils:																
Production.....do.	211.0	191.0	183.9	187.5	177.0	183.2	175.6	199.9	211.4	201.0	207.4	235.1	238.8	296.1	271.9	
Stocks (producers' and warehouse), end of month mil. lb.	245.0	248.7	210.2	(*)	160.0	145.1	137.5	124.7	119.5	126.2	129.0	120.7	104.7	116.9	105.4	
Margarine:																
Production.....do.	143.8	145.4	148.6	161.3	147.9	163.1	181.4	159.4	159.8	150.2	138.4	134.3	136.5	142.5	162.1	
Stocks (producers' and warehouse), end of month mil. lb.	39.0	45.8	40.8	44.1	40.8	36.4	42.7	46.7	52.0	48.6	50.6	47.2	44.4	44.8	40.2	
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	.238	.238
FATS, OILS, AND RELATED PRODUCTS																
Animal and fish fats: Δ																
Tallow, edible:																
Production (quantities rendered).....mil. lb.	35.8	41.4	39.7	42.5	42.8	38.5	41.3	46.3	41.9	44.6	49.6	45.9	41.9	43.3	37.2	
Consumption in end products.....do.	30.7	33.6	35.9	36.5	37.7	28.8	30.2	37.2	37.3	39.2	42.0	40.4	34.9	43.6	36.8	
Stocks (factory and warehouse), end of month mil. lb.	25.7	41.3	33.9	29.8	29.0	35.6	35.7	36.4	37.4	38.5	38.7	37.8	35.5	29.9	24.6	
Tallow and grease (except t wool), inedible:																
Production (quantities rendered).....do.	287.8	317.2	304.5	350.3	327.3	319.9	363.3	336.4	335.3	366.0	361.0	351.3	347.4	332.2	322.3	
Consumption in end products.....do.	150.6	150.7	145.6	167.0	140.1	141.8	183.6	173.2	161.8	173.8	178.3	193.0	159.9	184.0	191.4	
Stocks (factory and warehouse), end of month mil. lb.	384.7	385.9	333.6	353.0	372.8	386.2	387.3	421.5	395.9	395.9	331.1	331.9	314.7	305.3	281.9	
Fish and marine mammal oils:																
Production.....do.	21.3	15.3	19.8	14.2	10.0	6.1	.7	.2	.3	3.5	29.4	40.2	31.8	26.1	18.6	
Consumption in end products.....do.	8.2	7.4	7.0	8.1	7.2	6.5	6.5	6.9	6.9	7.6	6.8	7.0	6.2	7.4	7.2	
Stocks (factory and warehouse), end of month mil. lb.	144.0	166.5	181.5	159.0	197.1	168.4	129.8	110.5	99.4	95.5	113.2	124.6	139.6	145.6	146.7	

* Revised. * Preliminary. † Beginning Jan. 1963, includes data for Alaska and Hawaii. ‡ Quarterly average. § Effective Sept. 1963, includes small amounts of refined sugar, (inclured, colored, or adulterated. ¶ Not available. †† 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. ‡‡ Beginning March 1963, includes General Services Administration stocks no longer required for the strategic stockpile. ††† 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. Δ 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

FATS, OILS, AND RELATED PRODUCTS—Continued																
Vegetable oils and related products:																
Coconut oil:																
Production:																
Crude.....mil. lb.	135.8	29.0	31.3	33.5	39.4	29.8	30.0	30.0	(?)	18.6	20.0	25.2	32.6	29.3	27.5	
Refined.....do.	44.3	46.2	45.3	47.1	44.5	41.5	41.2	41.6	41.1	48.4	41.9	38.0	46.2	43.2	39.8	
Consumption in end products.....do.	57.5	60.4	60.7	67.8	57.0	59.3	58.0	58.7	61.9	66.7	65.9	58.7	61.1	69.7	66.2	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	243.4	227.4	225.0	219.5	209.3	195.9	193.4	196.5	185.5	166.0	158.2	154.7	166.3	178.5	159.1	
Imports, end of month.....do.	22.1	31.0	35.3	39.4	7.8	0	61.1	41.6	46.1	34.8	27.8	36.4	35.4	68.8	9.3	
Cora oil:																
Production:																
Crude.....do.	30.4	32.5	31.9	34.7	34.6	30.9	32.7	34.6	37.2	36.6	35.9	37.0	33.0	33.9	31.5	
Refined.....do.	29.3	30.3	31.5	30.0	32.2	34.2	30.1	28.6	34.7	30.0	27.7	34.3	32.9	38.5	29.7	
Consumption in end products.....do.	26.8	27.5	29.5	31.6	28.0	32.2	33.3	34.5	33.0	31.7	30.9	33.0	34.3	35.2	31.2	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	49.1	58.2	63.1	62.9	67.4	64.8	62.4	60.5	60.3	63.9	62.6	63.8	62.2	59.7	61.9	
Cottonseed cake and meal:																
Production.....thous. sh. tons.	223.2	225.3	224.1	346.3	353.7	304.8	326.5	292.8	259.1	212.9	165.1	116.7	87.2	82.5	181.9	
Stocks (at oil mills), end of month.....do.	118.6	172.9	159.8	169.8	195.6	188.0	207.5	241.4	259.9	295.7	325.6	305.0	260.2	171.5	138.8	
Cottonseed oil:																
Production:																
Crude.....mil. lb.	161.5	158.2	156.7	241.3	249.4	212.3	231.4	207.4	185.8	154.7	110.2	86.6	60.3	55.9	127.2	
Refined.....do.	132.4	131.1	98.9	166.1	174.2	171.9	158.2	137.1	146.7	151.9	137.2	117.2	78.9	72.2	86.7	
Consumption in end products.....do.	108.8	95.6	92.7	107.2	98.9	101.7	95.2	102.9	107.5	103.8	99.2	111.9	105.4	111.8	119.5	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	419.6	598.4	487.5	554.7	637.4	685.6	739.8	803.7	801.6	810.2	769.2	701.6	611.0	498.4	417.8	
Exports (crude and refined)*.....do.	30.9	30.4	21.5	25.2	31.0	40.8	53.3	48.7	76.3	38.4	54.0	43.1	21.2	75.3	43.7	
Price, wholesale (drums; N.Y.).....\$ per lb.	.167	.153	.151	.154	.161	.146	.143	.141	.145	.149	.152	.132	.133	.131	.130	
Linseed oil:																
Production, crude (raw).....mil. lb.	31.8	33.3	37.4	41.1	34.9	32.1	35.3	33.6	33.5	31.5	39.3	40.8	33.7	38.2	42.1	
Consumption in end products.....do.	31.5	32.0	32.6	31.8	28.2	26.4	28.0	31.0	32.5	35.1	34.6	36.4	35.2	32.2	30.3	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	111.8	116.7	92.2	103.9	109.4	111.8	124.4	132.0	132.9	131.6	137.6	139.4	125.9	124.6	125.1	
Price, wholesale (Minneapolis).....\$ per lb.	.142	.127	.123	.127	.128	.129	.133	.133	.133	.133	.133	.133	.133	.133	.133	
Soybean cake and meal:																
Production.....thous. sh. tons.	867.8	900.1	736.9	944.4	918.7	912.0	842.0	807.3	790.7	819.0	855.2	830.8	893.8	885.1	852.3	
Stocks (at oil mills), end of month.....do.	86.5	127.3	145.1	147.7	165.1	159.5	152.4	162.4	157.2	139.9	167.6	124.1	121.4	119.8	100.7	
Soybean oil:																
Production:																
Crude.....mil. lb.	407.4	421.1	345.9	442.1	426.2	425.4	388.6	376.2	368.9	385.6	398.7	386.2	412.0	413.6	398.8	
Refined.....do.	338.9	334.1	340.0	361.5	331.6	329.2	351.2	328.3	367.7	352.1	355.6	400.5	340.5	435.6	458.4	
Consumption in end products.....do.	340.7	318.3	320.5	348.9	317.3	316.1	336.6	330.9	353.3	344.8	342.3	366.1	341.7	425.8	431.2	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	803.9	865.2	919.8	(?)	898.9	987.9	1,022.4	1,006.4	991.4	922.3	873.3	814.9	759.4	666.5	577.8	
Exports (crude and refined)*.....do.	101.1	92.1	142.7	99.6	42.1	57.3	70.2	74.7	69.2	126.0	62.7	99.5	127.1	132.1	124.8	
Price, wholesale (refined; N.Y.).....\$ per lb.	.133	.133	.133	.133	.141	.127	.123	.122	.122	.121	.123	.102	.109	.110	.120	
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb.	4,231.5	4,237.0														2,206
Stocks, dealers' and manufacturers' end of quarter, total.....mil. lb.	4,694	4,931	4,754			5,251			5,314			4,906			5,024	
Exports, incl. scrap and stems.....thous. lb.	39,073	42,124	64,827	76,548	59,291	56,370	36,901	36,307	23,529	29,667	31,306	44,084	32,793	28,622	69,311	
Imports, incl. scrap and stems.....do.	13,951	13,985	11,905	15,802	14,737	12,553	12,438	22,822	12,876	14,687	14,147	15,735	14,860	15,012	16,521	
Manufactured:																
Production (smoking, chewing, snuff).....do.	14,066	13,959	14,759	16,604	13,017	11,947	15,068	16,150	16,937	16,701	14,647	15,350	13,146	14,513		
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions.....do.	3,422	3,424	3,173	3,740	3,561	3,360	3,344	3,234	3,216	3,144	3,126	3,644	3,877	3,708		
Taxable.....do.	41,205	42,466	42,399	46,740	41,272	36,684	40,980	29,168	37,854	43,686	41,714	45,154	42,584	44,420		
Cigs (large), taxable.....do.	530	547	555	652	648	407	594	622	682	670	731	699	693	719		
Manufactured tobacco, taxable.....thous. lb.	13,770	13,708	14,382	15,838	12,858	12,440	14,863	15,550	16,214	16,028	14,231	14,757	13,187	13,909		
Exports, cigarettes.....millions.....do.	2,007	1,968	1,656	2,124	2,047	1,964	1,843	1,702	2,107	1,862	1,890	2,046	2,148	1,990		

LEATHER AND PRODUCTS

HIDES AND SKINS																
Exports:																
Value, total.....thous. \$	6,909	6,215	5,861	7,124	7,256	5,711	6,525	6,779	6,385	7,088	8,620	8,252	7,890	8,032	7,810	
Calf and kip skins.....thous. skins.	171	155	136	190	206	203	255	233	245	213	239	151	184	104	162	
Cattle hides.....thous. hides.	593	664	661	919	843	659	787	904	778	882	1,072	987	972	1,051	945	
Imports:																
Value, total.....thous. \$	5,539	5,253	4,948	4,320	3,905	4,212	5,223	7,122	8,456	8,111	8,519	8,242	8,369	5,631	8,077	
Sheep and lamb skins.....thous. pieces.	2,290	2,192	1,923	1,249	781	1,361	1,031	3,254	4,370	3,380	3,615	2,732	3,354	1,891	3,527	
Goat and kid skins.....do.	1,198	1,231	1,211	1,250	1,000	1,150	1,360	1,113	1,099	1,323	1,650	1,134	1,157	850	838	
Prices, wholesale (f.o.b. shipping point):																
Calfskins, packer, heavy, 9 1/2/15 lb.....\$ per lb.	\$.623	\$.365	.300	.275	.300	.325	.325	.325	.325	.400	.438	.430	.430	.450	\$.450	
Hides, steer, heavy, native, over 53 lb.....do.	\$.152	\$.111	.103	.110	.110	.090	.083	.078	.083	.113	.098	.104	.115	.124	\$.119	
LEATHER																
Production:																
Calf and whole kip.....thous. skins.	498	466	403	532	453	471	386	414	484	525	601	611	495	542		
Cattle hide and side kip.....thous. hides and kips.	1,877	1,804	1,774	2,039	1,793	1,798	1,844	1,790	1,835	1,993	1,993	1,957	1,693	1,991		
Goat and kid.....thous. skins.	1,184	1,182	1,064	1,258	1,137	1,212	1,325	1,047	1,059	1,171	1,132	1,134	1,015	790		
Sheep and lamb.....do.	2,527	2,864	2,833	3,128	2,906	2,693	2,552	2,727	2,731	2,813	3,018	2,736	1,917	2,865		
Exports:																
Glove and garment leather.....thous. sq. ft.	3,502	4,640	4,252	5,493	4,763	4,863	5,273	4,522	4,950	4,293	4,562	3,443	2,555	3,266	2,834	
Upper and lining leather.....do.	3,019	3,423	2,955	4,436	3,984	4,968	4,393	4,051	4,486	3,809	3,627	3,762	2,602	3,050	3,241	
Prices, wholesale:																
Sole, bends, light, f.o.b. tannery.....\$ per lb.	\$.711	\$.678	.657	.657	.657	.657	.650	.650	.647	.657	.657	.657	.657	.657	\$.657	
Upper, chrome calf, B and C grades, f.o.b. tannery.....\$ per sq. ft.	\$1.326	\$1.151	1.133	1.097	1.103	1.137	1.143	1.137	1.137	1.133	1.138	1.180	1.187	1.170	1.196	

* Revised. ² Preliminary. ¹ Average based on reported annual total. ³ Not available. ⁴ Average based on months for which data are available. ⁵ Crop estimate for the year. ⁶ Nov. 1 estimate of the 1964 crop. ⁷ Quarterly average. ⁸ Effective Sept. 1963, data reflect minor changes in coverage to conform with "Tariff Schedules of the United States." ⁹ Effective Jan. 1964, data exclude items presently reported in lbs. instead of pieces. ¹⁰ Revisions for 1962 appear in the Sept. 1963 Survey. ¹¹ New series. Data prior to Sept. 1962 may be obtained from Bureau of Census reports. ¹² Monthly averages for 1951-56 (corrected) appear in the Aug. 1964 Survey. ¹³ Includes data for items not shown separately. ¹⁴ Beginning June 1964, data are not comparable with those for earlier periods because of changes in specifications or reporters (for leather). May 1964 prices on new basis: Cottonseed oil, \$0.132; soybean oil, \$0.103; leather, \$1.180.

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

LEATHER AND PRODUCTS—Continued

LEATHER MANUFACTURES																
Shoes and slippers:																
Production, total.....	thous. pairs..	49,803	49,284	50,132	53,809	44,671	45,258	51,556	50,033	52,314	49,205	47,685	47,526	47,436	53,075	
Shoes, sandals, and play shoes, except athletic	thous. pairs..	42,033	42,157	40,486	42,784	35,992	39,932	46,689	44,634	46,250	42,217	40,325	40,544	40,630	44,074	
Slippers for housewear.....	do.....	6,803	5,918	8,087	9,212	7,357	4,109	3,882	4,614	5,107	5,969	6,280	5,903	5,834	7,887	
Athletic.....	do.....	583	502	486	500	438	412	397	390	439	443	354	290	281		
Other footwear.....	do.....	584	707	1,073	1,313	884	805	588	395	518	576	726	789	716	833	
Exports.....	do.....	177	170	190	205	208	132	115	156	210	174	145	162	141	150	163
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	111.1	111.3	110.6	110.9	111.2	110.6	110.6	110.8	110.9	110.9	110.9	110.8	111.0

LUMBER AND PRODUCTS

LUMBER—ALL TYPES																
National Lumber Manufacturers Association: ♂																
Production, total.....	mil. bd. ft..	2,764	2,882	3,115	3,244	2,798	2,559	2,701	2,817	3,054	2,999	2,953	3,041	3,052	3,108	3,205
Hardwoods.....	do.....	530	581	609	617	600	501	501	524	493	482	465	539	541	554	510
Softwoods.....	do.....	2,234	2,301	2,506	2,627	2,198	2,058	2,200	2,293	2,561	2,517	2,488	2,502	2,511	2,554	2,695
Shipments, total.....	do.....	2,777	2,866	2,903	3,054	2,707	2,579	2,686	2,945	3,082	3,129	3,041	3,121	3,170	3,067	3,066
Hardwoods.....	do.....	525	584	562	592	579	516	514	548	547	537	524	535	539	583	537
Softwoods.....	do.....	2,252	2,303	2,341	2,462	2,128	2,063	2,172	2,397	2,535	2,592	2,517	2,586	2,631	2,484	2,529
Stocks (gross), mill, end of month, total.....	do.....	6,346	6,504	6,454	6,493	6,555	6,541	6,594	6,472	6,461	6,386	6,310	6,226	6,156	6,210	6,343
Hardwoods.....	do.....	1,529	1,842	1,914	1,964	1,987	1,971	1,957	1,930	1,871	1,810	1,747	1,752	1,754	1,722	1,693
Softwoods.....	do.....	4,817	4,662	4,540	4,529	4,568	4,570	4,637	4,542	4,590	4,576	4,563	4,474	4,402	4,488	4,650
Exports, total sawmill products.....	do.....	63	73	77	84	82	84	70	68	97	72	90	77	95	82	80
Imports, total sawmill products.....	do.....	408	445	457	469	381	364	281	391	455	475	445	576	556	478	470
SOFTWOODS ♂																
Douglas fir:																
Orders, new.....	mil. bd. ft..	680	679	719	800	649	665	842	738	694	731	705	735	788	692	713
Orders, unfilled, end of month.....	do.....	496	538	491	520	528	535	671	721	637	594	558	520	491	470	442
Production.....	do.....	665	671	700	745	666	638	761	708	771	798	756	770	744	713	752
Shipments.....	do.....	673	676	677	772	641	659	706	688	778	773	741	773	817	712	742
Stocks (gross), mill, end of month.....	do.....	991	969	925	878	923	903	984	1,004	997	1,056	1,048	1,045	1,002	1,010	1,020
Exports, total sawmill products.....	do.....	26	31	26	34	37	37	28	27	38	27	41	29	39	29	24
Sawed timber.....	do.....	10	12	10	15	14	18	11	12	14	10	18	9	13	12	7
Boards, planks, scantlings, etc.....	do.....	17	19	16	20	23	19	17	15	24	17	23	20	26	17	17
Prices, wholesale:																
Dimension, construction, dried, 2" x 4", R. L. \$ per M bd. ft..		78.65	79.92	79.86	77.96	77.73	77.96	78.20	81.43	82.01	83.10	82.99	82.03	81.51	81.52	81.36
Flooring, C and better, F. G., 1" x 4", R. L. \$ per M bd. ft..		122.52	134.22	136.72	137.67	139.77	141.38	142.46	150.02	152.42	151.90	153.45	153.45	155.52	155.52	155.52
Southern pine:																
Orders, new.....	mil. bd. ft..	478	491	486	562	483	379	447	466	528	557	536	550	540	508	514
Orders, unfilled, end of month.....	do.....	255	280	269	279	264	256	259	270	289	306	294	284	267	260	253
Production.....	do.....	478	484	503	545	484	411	475	476	520	534	517	525	534	500	515
Shipments.....	do.....	475	488	496	552	498	387	444	455	509	540	548	560	557	515	521
Stocks (gross), mill and concentration yards, end of month.....	mil. bd. ft..	1,366	1,380	1,334	1,327	1,313	1,337	1,368	1,389	1,400	1,394	1,363	1,328	1,305	1,290	1,284
Exports, total sawmill products.....	M bd. ft..	6,325	6,414	4,681	7,676	8,210	7,955	6,603	6,391	10,643	8,694	10,050	9,692	8,400	9,496	8,033
Sawed timber.....	do.....	1,571	832	397	833	1,225	1,300	747	902	1,011	788	847	1,521	823	1,691	800
Boards, planks, scantlings, etc.....	do.....	4,754	5,583	4,284	6,843	6,985	6,655	5,856	5,489	9,632	7,906	9,203	8,171	7,577	7,805	7,233
Prices, wholesale, (indexes):																
Boards, No. 2 and better, 1" x 6", R. L. 1957-59=100..		93.1	92.5	94.0	92.8	93.0	92.8	92.7	92.8	92.6	92.7	93.2	92.7	92.9	92.3	92.4
Flooring, B and better, F. G., 1" x 4", S. L. 1957-59=100..		94.6	95.2	96.0	95.6	95.6	95.6	95.4	95.4	95.4	95.4	95.4	95.1	95.1	95.1	95.0
Western pine:																
Orders, new.....	mil. bd. ft..	800	849	866	1,002	730	759	891	937	876	894	837	914	947	894	924
Orders, unfilled, end of month.....	do.....	416	382	347	384	352	347	503	501	496	484	437	459	485	453	430
Production.....	do.....	789	841	977	992	772	749	682	806	930	851	893	875	927	1,014	1,098
Shipments.....	do.....	797	839	875	837	762	764	735	939	881	906	884	893	920	926	947
Stocks (gross), mill, end of month.....	do.....	1,679	1,657	1,656	1,683	1,693	1,678	1,625	1,492	1,541	1,485	1,494	1,476	1,483	1,571	1,722
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R. L. (6' and over) \$ per M bd. ft..		67.43	67.42	70.56	65.96	64.62	63.50	63.07	63.67	66.45	68.05	69.92	69.01	67.16	65.52	63.76
HARDWOOD FLOORING																
Flooring:																
Maple, beech, and birch:																
Orders, new.....	mil. bd. ft..	3.1	2.9	2.0	3.2	2.1	2.2	2.6	2.8	3.0	3.1	2.8	3.1	2.6	2.5	2.5
Orders, unfilled, end of month.....	do.....	10.5	10.8	10.0	10.6	10.4	10.5	10.8	11.6	12.4	12.5	12.5	12.2	11.3	11.1	10.9
Production.....	do.....	2.7	2.8	2.8	3.3	2.5	2.6	2.6	2.2	2.3	3.0	2.7	2.9	2.4	1.4	2.1
Shipments.....	do.....	2.9	2.7	2.4	2.6	2.4	1.9	2.2	1.9	2.4	2.7	2.6	3.4	3.6	2.4	2.3
Stocks (gross), mill, end of month.....	do.....	7.9	6.5	5.8	6.6	6.6	7.1	7.6	7.9	7.8	7.9	7.9	7.3	6.0	4.8	4.4
Oak:																
Orders, new.....	do.....	65.7	68.3	64.9	72.8	55.1	51.0	75.7	84.2	74.7	69.4	58.1	62.5	74.5	75.2	67.0
Orders, unfilled, end of month.....	do.....	42.8	45.2	44.9	40.4	34.7	36.9	44.7	63.6	68.6	62.3	54.1	48.5	50.4	53.3	48.8
Production.....	do.....	65.0	69.3	69.4	79.9	68.3	62.8	72.7	65.2	71.2	73.2	70.3	72.1	72.1	69.0	70.2
Shipments.....	do.....	65.9	69.1	68.6	77.5	64.7	56.4	64.4	65.2	73.2	72.3	68.1	70.4	72.6	70.0	72.4
Stocks (gross), mill, end of month.....	do.....	75.2	43.6	38.7	39.7	41.2	46.6	55.0	55.0	52.5	53.4	54.4	53.1	52.6	50.1	47.9

♂ Revised. ♀ Preliminary. † 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
METALS AND MANUFACTURES																
IRON AND STEEL																
Exports:																
Steel mill products.....thous. sh. tons..	168	182	162	212	207	230	226	212	235	218	256	300	333	330	259	
Scrap.....do.....	426	530	640	552	428	564	580	557	744	708	770	679	718	709	677	
Pig iron*.....do.....	13	6	1	8	5	6	4	3	(1)	14	34	39	27	2	22	
Imports:																
Steel mill products.....do.....	342	454	471	549	516	402	481	428	474	495	544	604	582	525	493	
Scrap.....do.....	22	19	13	15	16	29	27	26	23	16	17	31	17	24	24	
Pig iron*.....do.....	42	55	89	111	80	51	29	36	21	29	78	99	90	95	48	
Iron and Steel Scrap																
Production and receipts, total.....thous. sh. tons..	5,494	6,168	5,494	6,186	5,898	5,873	6,363	6,366	6,813	7,069						
Home scrap produced.....do.....	3,387	3,715	3,363	3,670	3,513	3,535	3,876	3,841	4,263	4,445						
Purchased scrap received (net).....do.....	2,107	2,453	2,131	2,516	2,385	2,337	2,487	2,524	2,550	2,624						
Consumption, total.....do.....	5,513	6,218	5,573	6,197	5,971	5,944	6,530	6,560	7,162	7,340						
Stocks, consumers', end of mo.....do.....	8,844	7,977	8,013	8,002	7,962	7,937	7,778	7,599	7,302	7,030						
Prices, steel scrap, No. 1 heavy melting:																
Composite (5 markets).....\$ per lg. ton..	28.12	26.78	26.89	27.22	27.02	27.24	28.94	28.63	28.85	30.36	30.62	31.91	33.22	* 37.05	* 34.89	
Pittsburgh district.....do.....	29.00	27.00	26.00	26.00	25.00	26.00	29.00	29.00	31.00	32.00	33.50	34.50	36.00	38.00	* 36.00	
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. lg. tons..	6,050	6,060	8,573	7,318	3,876	3,543	4,067	4,088	4,167	5,731	8,918	9,448	9,199	9,238		
Shipments from mines.....do.....	5,859	6,156	9,718	9,141	5,997	1,846	1,406	1,446	1,598	4,150	7,867	8,302	11,059	10,969		
Imports.....do.....	2,786	2,791	3,369	4,064	2,980	1,940	1,693	1,667	2,017	2,403	3,451	4,752	5,070	5,662	4,717	
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants.....do.....	8,121	8,458	12,535	12,386	8,932	4,052	2,710	3,225	3,491	7,323	13,432	14,029	15,077	14,497	13,676	
Consumption at iron and steel plants.....do.....	8,041	8,669	7,516	8,010	8,033	8,458	9,113	8,867	9,764	9,801	10,558	10,019	10,002	10,363	10,270	
Exports.....do.....	491	568	711	715	428	341	255	211	195	347	621	719	934	852	945	
Stocks, total, end of mo.....do.....	75,737	73,776	78,448	* 81,170	80,030	* 77,314	73,141	69,936	65,816	64,486	68,164	73,291	76,496	78,788		
At mines.....do.....	14,657	15,028	13,169	11,367	9,237	10,923	13,224	15,866	18,380	19,947	20,999	22,145	20,283	18,552		
At furnace yards.....do.....	55,289	53,376	60,174	64,550	65,450	61,044	54,644	49,002	42,779	40,250	43,124	47,134	52,209	56,343	59,758	
At U.S. docks.....do.....	5,787	5,372	5,105	5,253	5,343	5,347	5,273	5,068	4,707	4,289	4,041	4,012	4,004	3,893	3,857	
Manganese (mn. content), general imports.....do.....	79	84	135	67	88	46	71	54	62	105	53	110	80	64		
Pig Iron and Iron Products																
Pig iron:																
Production (excluding production of ferroalloys).....thous. sh. tons..	5,477	5,993	5,174	5,525	5,565	5,897	6,291	6,199	6,910	6,973	7,435	7,076	7,006	7,158	7,142	
Consumption.....do.....	5,550	6,057	5,224	5,603	5,587	5,949	6,415	6,306	7,030	7,058						
Stocks (consumers' and suppliers'), end of mo.....thous. sh. tons..	3,178	2,814	2,811	2,813	2,827	2,806	2,730	2,654	2,569	2,493						
Prices:																
Composite.....\$ per lg. ton..	65.46	62.87	62.75	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	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	63.50	
Castings, gray iron:																
Orders, unfilled, for sale, end of mo.....thous. sh. tons..	680	783	805	758	692	719	806	759	816	837	859	834	891	902		
Shipments, total.....do.....	963	1,064	1,037	1,194	1,049	1,014	1,068	1,095	1,229	1,264	1,227	1,245	1,116	1,191		
For sale.....do.....	527	591	598	673	575	534	542	565	687	699	678	697	635	731		
Castings, malleable iron:																
Orders, unfilled, for sale, end of mo.....thous. sh. tons..	73	81	82	78	80	88	91	91	94	93	92	95	101	112		
Shipments, total.....do.....	72	78	74	87	78	79	84	* 82	88	93	95	89	71	80		
For sale.....do.....	42	44	42	50	42	42	49	44	48	52	54	49	44	48		
Steel, Crude, Semifinished, and Finished																
Steel ingots and steel for castings:																
Production.....thous. sh. tons..	8,194	9,105	7,858	8,483	8,488	8,753	9,515	9,474	10,485	10,549	11,048	10,173	10,095	10,503	* 10,656	
Index.....1957-59=100..	101.2	112.5	98.4	102.8	106.3	106.1	115.3	122.8	127.1	132.1	133.9	127.4	122.4	127.3	133.5	
Steel castings:																
Orders, unfilled, for sale, end of mo.....thous. sh. tons..	183	219	219	225	255	262	312	333	345	331	323	322	321	317		
Shipments, total.....do.....	119	125	121	135	126	133	145	141	157	162	154	162	139	137		
For sale, total.....do.....	93	100	97	107	101	107	117	114	129	132	126	130	112	108		
Steel forgings (for sale):																
Orders, unfilled, end of mo.....do.....	308	306	298	306	311	312	320	322	328	334	331	340	356	362		
Shipments, total.....do.....	113	116	115	123	111	114	139	121	138	137	131	136	* 112	115		
Drop and upset.....do.....	86	88	91	95	84	88	111	93	107	107	101	104	83	90		
Steel products, net shipments:																
Total (all grades).....do.....	5,879	6,296	5,455	5,927	5,617	5,540	6,475	6,239	7,124	7,359	7,271	7,065	6,869	6,993	7,344	
Semifinished products.....do.....	231	263	212	266	285	252	281	311	394	333	344	385	334	352	361	
Structural shapes (heavy), steel piling.....do.....	395	443	417	464	428	420	422	405	468	509	543	503	526	524	554	
Plates.....do.....	522	603	587	614	608	588	614	613	679	737	699	679	688	669	726	
Rails and accessories.....do.....	86	92	90	70	74	92	109	120	141	143	129	129	105	89	96	
Bars and tool steel, total.....do.....	916	972	848	948	909	853	977	916	1,095	1,140	1,145	1,113	1,066	1,109	1,142	
Bars: Hot rolled (incl. light shapes).....do.....	597	631	490	580	584	579	680	621	702	722	734	686	641	686	709	
Reinforcing.....do.....	199	224	260	258	220	167	169	172	262	283	281	295	312	301	304	
Cold finished.....do.....	112	110	90	103	97	99	120	114	123	126	122	124	106	114	121	
Pipe and tubing.....do.....	592	587	569	605	468	442	504	545	665	759	721	752	778	741	733	
Wire and wire products.....do.....	259	262	244	263	221	192	221	226	276	299	299	297	246	260	273	
Tin mill products.....do.....	505	488	405	404	352	323	563	494	545	556	553	544	576	538	476	
Sheets and strip (incl. electrical), total.....do.....	2,373	2,587	2,084	2,293	2,272	2,378	2,786	2,608	2,860	2,884	2,838	2,663	2,550	2,712	2,984	
Hot rolled.....do.....	646	735	571	655	672	685	833	777	878	843	834	750	743	788	879	
Cold rolled.....do.....	1,126	1,209	898	1,019	1,044	1,149	1,316	1,211	1,320	1,327	1,311	1,208	1,142	1,208	1,341	
Steel mill products, inventories, end of mo.†																
Consumers (manufacturers only).....mil. sh. tons..	10.3	10.0	10.9	10.0	9.5	9.3	9.4	9.4	9.4	9.3	9.2	9.2	9.5	9.5	* 9.5	
Receipts during month.....do.....	4.4	4.8	4.0	4.5	4.3	4.6	5.2	4.8	5.3	5.3	5.1	5.2	4.7	4.8	* 5.4	
Consumption during month.....do.....	4.4	4.7	4.7	5.4	4.8	4.8	5.1	4.8	5.3	5.4	5.2	5.2	4.4	4.8	* 5.4	
Warehouses (service centers).....do.....	3.4	3.4	3.5	3.5	3.5	3.5	3.4	3.5	3.4	3.6	3.6	3.6	* 3.8	* 3.7	* 3.7	
Producing mills:																
In process (ingots, semifinished, etc.).....do.....	7.2	7.4	7.4	7.3	7.4	7.8	7.8	8.0	8.0	7.9	8.4	8.3	8.6	8.8	* 8.6	
Finished (sheets, plates, bars, pipe, etc.).....do.....	6.9	7.1	6.8	6.7	6.9	7.2										

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

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued																
Steel, Manufactured Products																
Fabricated structural steel:																
Orders, new (net).....thous. sh. tons..	302	336	289	322	262	440	356	247	384	387	368	478	347	379	408	
Shipments.....do.....	322	341	371	411	324	321	310	304	355	360	412	379	374	362		
Backlog, end of year or mo.....do.....	2,624	2,322	2,297	2,260	2,238	2,322	2,306	2,270	2,319	2,276	2,261	2,300	2,490	2,497	2,599	
Barrels and drums, steel, heavy types (for sale):																
Orders, unfilled, end of mo.....thous.	1,404	1,273	1,281	1,233	1,107	1,119	1,184	1,202	1,389	1,379	1,334	1,273	1,360	1,248		
Shipments.....do.....	1,947	1,922	1,956	1,994	1,702	1,603	1,858	1,812	1,955	2,108	1,960	2,110	2,146	2,179		
Cans (tinplate), shipments (metal consumed), total for sale and own use.....thous. sh. tons..	405	382	459	426	301	289	342	293	340	383	381	432	467	520		
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores)																
thous. sh. tons..	176.5	192.7	197.4	205.1	201.1	209.1	212.0	200.2	214.2	208.3	214.6	203.7	216.1	217.2	211.3	
Estimated recovery from scrap.....do.....	38.4	42.0	66.0	71.0	63.0	73.0	68.0	67.0	72.0	74.0	68.0	60.0	55.0	51.0		
Imports (general):																
Metal and alloys, crude.....do.....	25.6	34.7	38.2	34.5	36.9	36.1	34.3	28.8	36.5	35.2	35.6	36.8	40.4	26.7	44.3	
Plates, sheets, etc.....do.....	4.9	3.4	3.5	4.0	4.1	3.9	4.6	4.3	4.1	4.9	4.1	4.6	5.4	3.4	3.5	
Exports, metal and alloys, crude.....do.....	12.6	13.8	13.0	13.2	12.6	11.9	16.8	13.0	15.9	20.0	20.4	17.2	14.6	18.9	19.1	
Stocks, primary (at reduction plants), end of mo.:																
thous. sh. tons..	153.1	105.6	93.8	96.9	110.7	99.0	108.0	107.8	106.0	93.3	99.5	87.0	92.0	104.3	109.9	
Price, primary ingot, 99.5% min.....\$ per lb..	.2388	.2262	.2250	.2298	.2300	.2300	.2300	.2300	.2343	.2350	.2350	.2383	.2400	.2400	.2400	
Aluminum shipments:																
Ingot and mill products (net).....ml. lb.	472.5	528.2	528.2	587.4	492.6	523.9	546.3	532.7	647.7	613.7	600.5	640.7	563.0	543.7		
Mill products, total.....do.....	317.6	355.4	346.8	423.7	324.7	328.9	367.3	357.1	433.8	417.4	401.7	415.6	396.7	374.6		
Plate and sheet (excl. foil).....do.....	142.6	166.8	161.3	210.0	144.4	145.0	170.9	170.1	225.3	193.9	194.3	199.6	176.1	172.2		
Castings.....do.....	77.2	79.4	77.0	85.0	79.8	79.3	90.7	84.2	88.5	90.1	85.7	87.2	70.0	76.9		
Copper:																
Production:																
Mine, recoverable copper.....thous. sh. tons..	102.4	101.1	99.3	109.9	106.3	108.5	107.3	107.4	112.3	111.9	115.4	113.8	73.5	77.7	93.8	
Refinery, primary.....do.....	134.3	133.0	129.0	138.0	131.8	141.3	140.4	147.1	145.0	144.9	147.9	153.4	128.2	110.8	110.4	
From domestic ores.....do.....	101.2	101.6	95.1	103.5	103.7	106.3	103.4	109.8	109.6	113.3	111.7	116.1	94.2	78.1	83.0	
From foreign ores.....do.....	33.1	31.4	33.9	34.5	28.1	35.0	37.0	37.3	35.4	31.6	36.2	37.3	31.1	32.7	27.4	
Secondary, recovered as refined.....do.....	22.7	24.0	24.9	25.8	23.3	23.7	24.1	22.4	29.4	27.0	27.0	28.5	27.4	27.2	27.1	
Imports (general):																
Refined, unrefined, scrap.....do.....	40.1	45.1	70.8	51.7	33.0	54.0	45.9	35.4	60.0	42.1	50.6	48.0	47.9	45.5	51.1	
Refined.....do.....	8.2	9.9	13.3	12.2	11.8	7.4	8.9	11.3	10.3	10.9	10.7	11.4	12.5	12.6	14.1	
Exports:																
Refined, scrap, brass and bronze ingots.....do.	32.1	30.0	29.5	29.5	30.0	39.7	34.3	31.4	33.2	33.6	33.4	33.4	33.9	24.8	33.8	
Refined.....do.....	28.0	26.0	25.3	25.6	26.4	33.9	29.5	26.6	25.4	28.2	25.9	25.7	25.1	16.4	22.7	
Consumption, refined (by mills, etc.).....do.	134.2	146.2	142.0	163.7	147.5	140.7	150.7	152.0	162.2	163.8	163.9	178.5	150.4	152.1		
Stocks, refined, end of mo., total:																
Fabricators'.....do.....	177.5	175.4	173.8	154.7	150.3	145.3	135.0	140.4	140.7	135.9	132.9	125.6	163.2	157.1	144.6	
Fabricators'.....do.....	102.0	96.0	103.0	80.1	75.9	82.8	80.9	90.9	88.8	88.2	86.4	90.2	116.0	108.1	90.2	
Price, bars, electrolytic (N.Y.).....\$ per lb..	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3112	.3160	.3160	.3160	.3160	.3160	.3223	.3361
Copper-base mill and foundry products, shipments (quarterly avg. or total):																
Copper mill (brass mill) products.....ml. lb.	589	616	578			623			692		732			699		
Copper wire mill products.....do.....	409	428	398			454			467		521			485		
Brass and bronze foundry products.....do.....	229	239	234			249			259		281			258		
Lead:																
Production:																
Mine, recoverable lead.....thous. sh. tons..	19.7	21.1	22.5	25.2	23.0	23.9	24.8	22.7	24.3	24.0	23.3	23.8	23.1	22.9	22.0	
Secondary, recovered from scrap.....do.....	37.0	41.1	40.5	47.0	43.7	37.4	39.9	39.6	42.6	42.3	45.9	42.3	41.0			
Imports (general), ore, metal:																
Consumption, total.....do.....	33.4	31.3	31.5	32.1	38.1	33.1	32.4	37.7	31.2	26.0	26.4	32.1	27.6	23.2	23.3	
Consumption, total.....do.....	92.5	96.9	94.6	111.1	101.7	99.4	105.4	93.7	92.1	97.4	96.7	100.6	91.5			
Stocks, end of year or mo.:																
Producers', ore, base bullion, and in process (ABMS).....thous. sh. tons..	91.0	110.2	105.3	111.1	112.2	110.2	109.5	117.4	111.5	109.2	97.7	94.1	94.0	96.5	92.9	
Refiners' (primary), refined and antimonial (lead content).....thous. sh. tons..	142.5	156.7	80.4	72.0	64.2	56.9	47.3	45.2	45.6	40.6	30.1	29.0	30.9			
Consumers'.....do.....	93.5	119.9	109.4	108.5	111.5	115.5	111.2	111.4	118.6	120.3	117.7	127.5	132.7			
Scrap (lead-base, purchased), all smelters.....thous. sh. tons..	46.0	66.4	57.0	57.3	55.7	62.7	67.2	71.9	72.8	70.8	67.4	65.1	66.5			
Price, common grade (N.Y.).....\$ per lb..	.0963	.1114	.1163	.1194	.1215	.1250	.1298	.1300	.1300	.1300	.1300	.1300	.1300	.1301	.1400	.1450
Tin:																
Imports (for consumption):																
Ore.....lg. tons..	447	(?)	259	627	989	265	1,249	1,705	738	2,046	313	301	498	451	505	
Bars, pigs, etc.....do.....	3,422	3,596	2,327	3,546	3,080	3,109	3,227	2,378	3,146	2,227	2,272	2,530	2,688	4,194	2,045	
Estimated recovery from scrap, total.....do.	1,750	1,861	1,760	1,925	1,990	1,765	1,770	2,020	2,025	1,985	2,050	2,130	1,695			
As metal.....do.....	250	255	235	240	290	270	190	260	255	256	235	280	287			
Consumption, pig, total.....do.....	6,590	6,525	6,030	6,705	5,490	5,960	6,580	6,750	7,165	7,285	7,265	7,315	6,430	6,885		
Primary.....do.....	4,550	4,601	4,145	4,455	3,630	4,010	4,710	4,790	5,085	5,190	5,235	5,130	4,805	5,040		
Exports, incl. reexports (metal).....do.....																
36	135	265	175	102	165	207	297	964	1,079	943	290	160	311	162		
Stocks, pig (industrial), end of mo.....do.	21,730	25,610	32,000	30,980	30,245	29,364	27,185	25,245	21,810	20,120	19,600	18,560	18,480	22,635		
Price, pig, Straits (N.Y.), prompt.....\$ per lb..	1.1461	1.1664	1.1611	1.1997	1.2704	1.3020	1.3402	1.4012	1.3482	1.3351	1.3485	1.5060	1.5965	1.6167	1.8538	2.0461
Zinc:																
Mine production, recoverable zinc:																
thous. sh. tons..	42.1	44.1	41.4	47.1	45.3	46.1	48.8	44.9	48.6	46.5	46.6	46.8	47.4	49.2	46.6	
Imports (general):																
Ores.....do.....	39.0	31.1	27.0	26.9	29.8	33.0	23.6	32.2	28.5	27.6	35.9	33.5	29.1	28.9	24.6	
Metal (slab, blocks).....do.....	11.8	12.1	19.4	11.0	15.2	14.7	11.4	10.6	10.5	9.7	9.1	8.9	7.9	9.6	9.3	
Consumption (recoverable zinc content):																
Ores.....do.....	8.2	8.7	8.2	8.7	7.7	7.7	7.4	8.0	8.9	7.2	8.9	8.5	8.7	8.0		
Scrap, all types.....do.....	16.7	17.0	16.1	16.6	16.1	15.9	16.4	16.5	16.9	16.9	17.1	17.1	16.2	16.7		

* Revised. † Preliminary. ‡ Recoverable aluminum content. Monthly data are expressed in metallic content (incl. alloying constituents). † See note "†" for this page.
 ○ Reflects new factors to derive tonnage equivalent (1963, 23.5 base boxes per ton of steel; 1962, 23.2 boxes); revisions back to 1961 are available.
 △ Beginning Jan. 1962, net shipments of ingot derived by new method to include imports not previously included; revisions back to Jan. 1961 are available. † Revisions for 1962 are in

the Sept. 1963 SURVEY; those for 1st half 1963 are available upon request.

⊕ Basic metal content (for tin ore, Sept. 1963 through Apr. 1964 data are in terms of gross weight). † 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

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	74.4	72.5	78.1	79.3	83.8	76.0	76.8	86.0	83.7	84.8	80.9	78.9	80.7				
Secondary (redistilled) production.....do	4.9	5.0	5.4	6.0	5.3	4.8	4.8	4.9	5.2	4.7	5.3	5.2	4.9	5.4				
Consumption, fabricators.....do	86.0	92.1	90.6	99.3	88.5	88.5	91.7	86.9	95.2	100.0	98.3	99.5	94.7	100.9				
Exports.....do	3.0	2.8	2.0	2.4	1.9	1.3	.4	2.4	1.7	2.6	3.6	2.7	4.4	2.6	4.1			
Stocks, end of year or mo.:																		
Producers', at smelter (AZI) Δ.....do	144.7	47.9	55.4	53.9	50.2	55.1	48.2	43.6	46.0	43.5	38.0	30.4	25.7	29.5	30.6	33.9		
Consumers'.....do	80.0	92.1	90.1	88.1	87.0	92.1	92.1	92.5	93.9	89.4	85.6	87.2	89.5	84.2				
Price, prime Western (St. Louis).....\$ per lb.	1162	1200	1250	1250	1250	1294	1300	1300	1300	1332	1350	1400	1350	1400	1350	1399		

HEATING EQUIPMENT, EXC. ELECTRIC

Radiators and convectors, shipments:																		
Cast iron.....mil. sq. ft. radiation	1.0	1.0	1.4	1.4	1.1	1.0	.9	.9	1.1	.8	.5	.7	.9	.9				
Nonferrous*.....do	9.2	12.4	13.9	13.9	9.8	8.0	8.1	8.2	7.4	7.0	8.1	9.9	9.0	10.5				
Oil burners:																		
Shipments.....thous.	39.8	48.8	75.7	72.4	55.9	32.8	42.3	41.7	40.2	36.6	38.5	48.1	42.8	62.0				
Stocks, end of year or mo. ....do	49.9	42.2	51.8	49.5	43.9	42.2	44.1	44.2	47.9	49.8	54.5	59.5	54.4	50.5				
Stoves and ranges, domestic cooking:																		
Shipments, total (excl. liquid-fuel types).....do	166.7	176.0	198.9	207.3	173.7	162.2	158.1	167.7	200.0	195.4	173.1	189.7	162.1	196.3				
Gas ².....do	163.6	173.0	194.9	202.5	170.7	160.2	156.0	165.7	197.4	193.5	171.1	187.2	159.6	193.5				
Stoves, domestic heating, shipments, total.....do	157.0	161.9	239.1	258.2	183.6	120.5	91.0	70.8	112.9	89.6	100.6	171.0	205.4	222.4				
Gas.....do	94.1	101.5	146.3	170.4	132.0	81.6	54.3	38.7	77.5	53.4	60.8	122.6	142.8	158.4				
Warm-air furnaces (forced-air and gravity air-flow), shipments, total.....thous.	108.9	117.8	168.8	170.4	132.4	97.6	95.8	95.9	99.3	99.7	96.1	111.6	120.4	140.6				
Gas.....do	87.1	95.3	130.6	134.5	106.5	81.6	79.2	79.4	82.9	84.3	80.4	93.1	100.7	111.8				
Water heaters, gas, shipments.....do	217.7	200.3	179.7	223.1	176.8	191.2	248.3	237.1	244.9	237.7	198.9	215.0	213.2	213.0				

MACHINERY AND APPARATUS

Fans, blowers, and unit heaters, qtrly. totals:																		
Fans and blowers, new orders.....mil. \$	140.2	141.0	39.9			42.0			41.6			49.3						
Unit-heater group, new orders.....do	16.2	15.7	14.6			18.2			13.2			18.0						
Foundry equipment (new), new orders, net mo. avg. shipments, 1957-59=100.....do	111.4	131.9	122.3	184.8	127.1	129.6	235.8	251.8	272.9	242.6	244.1	221.4	176.0	138.2	157.8			
Furnaces (industrial) and ovens, etc., new orders (domestic), net.....mil. \$	7.0	8.2	9.6	7.6	8.5	6.1	5.8	9.7	10.5	7.4	7.4	7.5	9.2	10.8	11.1			
Electric processing.....do	1.2	1.1	.7	.9	.9	1.0	.8	1.0	1.3	1.2	1.0	1.2	.9	1.0	1.2			
Fuel-fired (exc. for hot rolling steel).....do	2.8	3.4	2.7	4.6	4.3	3.0	2.4	5.7	6.8	3.8	3.7	3.2	3.6	6.8	5.3			
Material handling equipment (industrial):																		
Orders (new), index, seas. adj. 1957-59=100.....do	112.6	128.7	128.1	135.7	136.6	156.2	146.5	153.3	170.8	158.1	127.4	127.8	156.9	150.6				
Industrial trucks (electric), shipments:																		
Hand (motorized).....number	500	547	563	602	523	590	491	515	548	581	581	653	581	473	555			
Rider-type.....do	471	581	490	611	598	630	484	609	578	510	523	636	519	585	632			
Industrial trucks and tractors (internal combustion engines), shipments.....number	2,232	2,434	2,661	2,941	2,738	2,830	2,543	2,518	2,862	3,032	2,961	3,109	3,003	2,730	3,127			
Machine tools:																		
Metal cutting tools:																		
Orders, new (net), total.....mil. \$	44.80	59.50	56.55	66.85	59.10	77.40	80.15	74.50	77.70	91.55	85.00	100.10	78.10	73.80	81.60			
Domestic.....do	36.70	47.50	45.40	53.35	49.65	64.15	60.60	60.45	61.40	79.55	70.10	83.35	66.50	62.65	66.00			
Shipments, total.....do	47.85	49.90	54.75	54.05	52.35	69.00	50.35	51.25	63.80	64.85	70.75	73.80	60.00	60.90	70.35			
Domestic.....do	35.15	41.10	42.85	42.95	41.75	56.30	39.85	39.10	48.45	52.35	57.50	62.25	51.70	51.20	55.30			
Estimated backlog.....months	4.2	5.2	5.4	5.7	5.6	5.6	6.2	6.3	6.4	6.7	6.6	6.6	6.7	6.8	7.0			
Metal forming tools:																		
Orders, new (net), total.....mil. \$	14.60	18.10	22.35	32.35	15.95	21.20	48.80	20.30	24.10	45.80	32.55	63.10	27.90	15.80	25.85			
Domestic.....do	11.65	15.90	17.60	29.95	15.20	19.80	47.40	18.85	19.35	43.30	30.35	56.95	25.45	14.90	20.70			
Shipments, total.....do	12.40	15.30	14.70	16.35	14.05	14.30	15.00	19.15	16.90	19.80	18.20	21.40	18.80	17.35	15.40			
Domestic.....do	9.30	12.80	12.10	13.00	11.30	12.50	12.40	16.15	15.40	18.25	16.50	19.85	16.30	14.10	12.60			
Estimated backlog.....months	4.6	4.7	4.6	5.4	5.6	5.8	7.6	7.7	8.0	8.9	9.3	10.8	11.1	10.8	11.6			
Other machinery and equip., qtrly. shipments:																		
Construction machinery (selected types), total ².....mil. \$	1260.7	1312.3	309.2			284.7			344.7			469.6						
Tractors, tracklaying, total.....do	164.2	178.5	80.2			78.6			79.6			119.6						
Tractors, wheel (con. off-highway).....do	19.7	123.0	27.2			18.3			27.3			37.2						
Tractor shovel loaders (integral units only), wheel and tracklaying types.....mil. \$	158.9	173.6	71.8			73.6			86.2			109.0						
Tractors, wheel (excl. garden and contractors' off-highway types).....mil. \$	130.1	150.9	100.6			159.0			189.1			200.1						
Farm machines and equipment (selected types), excl. tractors ³.....mil. \$	197.7	213.7	199.7			150.9			277.6			266.6						

ELECTRICAL EQUIPMENT

Batteries (auto. replacement), shipments.....thous.	2,540	2,653	3,186	3,673	3,174	3,622	3,146	1,653	1,394	1,602	1,591	1,816	2,269	2,631	2,980		
Household electrical appliances:																	
Ranges (incl. built-ins), sales, total.....do	139.6	155.8	165.8	167.9	159.4	174.4	144.4	165.8	194.1	157.4	153.4	163.7	143.6	151.7	171.6		
Refrigerators and home freezers, output ¹ 1957-59=100.....do	119.2	127.8	149.1	127.8	129.0	128.6	131.3	150.3	150.8	151.5	150.9	163.0	128.5	102.3	158.3		
Vacuum cleaners, sales billed.....thous.	309.3	353.9	423.0	416.4	382.6	349.7	324.7	365.0	420.5	383.8	337.8	335.2	294.9	389.9	435.1		
Washers, sales (dom. and export).....do	305.5	329.1	403.7	367.4	336.9	273.5	302.5	330.0	372.0	299.2	300.8	345.8	351.6	384.7	462.0		
Driers (gas and electric), sales (domestic and export).....thous.	116.4	133.0	200.3	197.1	180.3	153.2	142.8	135.8	121.1	90.2	71.6	90.5	126.1	172.0	248.4		
Radio sets, production.....do	1,596.8	1,523.5	2,008.2	1,872.7	1,799.8	1,772.0	1,413.3	1,367.9	1,639.1	1,337.4	1,410.7	1,770.9	1,055.5	1,633.4	2,193.8	1,716.9	
Television sets (incl. combination), prod. \$.....do	539.3	594.2	3,779.4	630.1	621.4	690.0	731.1	751.5	877.9	712.7	584.2	835.5	517.4	705.8	1,052.7	957.4	
Electron tubes and semiconductors, factory sales ⁴ mil. \$	75.9	73.6	82.5	81.5	71.7	73.0	52.1	52.6	56.9	52.4	51.4	53.9	44.1	54.1	60.2		
Insulating materials, sales, index 1947-49=100.....do	154	148	154	160	144	151	154	146	167	163	154	165	136	160	167		
Motors and generators:																	
New orders, index, qtrly. ....do	149	151	154			154			159			186					
New orders (gross):																	
Polyphase induction motors, 1-200 hp.....mil. \$	12.4	12.4	13.7	12.7	12.1	13.3	12.4	13.5	14.9	14.4	15.2	17.9	14.8	14.9			
D.C. motors and generators, 1-200 hp.....do	2.2	2.6	2.9	2.5	2.1	2.3	2.6	3.4	2.8	2.8	3.6	3.5	2.6	2.8			

¹ Revised. ² Quarterly average. ³ For month shown. ⁴ Data cover 5 weeks; other months, 4 weeks. ⁵ Data cover 6 weeks. ⁶ Includes data not shown separately. ⁷

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS

	1962	1963	1963				1964								
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production.....thous. sh. tons..	1,408	1,522	1,574	1,822	1,615	1,535	1,527	1,311	1,155	1,427	1,665	1,789	1,127	1,245	1,240	1,275
Exports.....do.....	156	279	407	345	319	309	248	149	86	84	151	171	158	142	128	
Prices:																
Retail, stove, composite.....\$ per sh. ton..	28.63	29.39	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	13.361	13.510	13.510	14.420	14.420	14.490	14.490	14.490	13.195	13.195	13.195	13.699	13.699	13.699	
Bituminous:																
Production.....thous. sh. tons..	35,178	38,244	40,320	44,876	38,820	39,070	40,430	34,790	36,790	37,490	38,270	40,940	31,830	42,390	42,480	45,535
Industrial consumption and retail deliveries, total ?.....thous. sh. tons..	32,314	34,102	31,506	33,816	34,383	40,219	39,768	36,755	36,439	33,054	32,702	33,218	33,768	34,611	34,466	
Electric power utilities.....do.....	15,903	17,420	16,566	17,593	17,783	20,727	20,339	18,732	18,465	16,666	16,757	17,997	18,794	18,685	18,013	
Mfg. and mining industries, total.....do.....	14,006	14,664	13,405	14,614	14,610	16,349	16,411	15,525	16,097	15,302	15,324	14,568	14,241	14,772	14,860	
Coke plants (oven and beehive).....do.....	6,188	6,458	5,905	6,372	6,236	6,500	6,789	6,540	7,014	7,044	7,537	7,350	7,451	7,305	7,308	
Retail deliveries to other consumers.....do.....	2,349	1,962	1,536	1,511	1,905	3,118	2,968	2,496	1,872	1,030	518	562	655	1,066	1,501	
Stocks, industrial and retail dealers', end of month, total ?.....thous. sh. tons..	67,960	65,692	69,388	72,708	73,383	70,083	66,536	64,430	63,041	65,043	68,619	70,700	65,616	67,682	71,903	
Electric power utilities.....do.....	46,665	46,139	49,138	51,722	52,383	49,314	46,422	44,961	43,717	45,045	47,886	49,331	46,921	48,443	51,279	
Mfg. and mining industries, total.....do.....	20,845	19,103	19,712	20,423	20,391	20,270	19,659	19,121	19,070	19,743	20,420	21,012	18,306	18,823	20,196	
Oven-coke plants.....do.....	9,044	7,373	7,290	7,912	8,054	8,014	7,780	7,900	8,299	8,411	8,841	9,375	7,467	7,976	8,654	
Retail dealers.....do.....	449	450	538	563	609	499	455	348	254	255	313	357	389	416	428	
Exports.....do.....	3,201	3,923	5,266	5,029	4,500	3,536	3,152	3,065	3,028	3,523	4,551	4,617	4,038	5,250	4,263	
Prices:																
Retail, composite.....\$ per sh. ton..	17.30	17.46	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.....	4.918	4.748	4.752	4.745	4.748	4.748	4.726	4.731	4.731	4.807	4.832	4.840	4.832	4.829	4.810	
Domestic, large sizes, f.o.b. mine.....do.....	7.443	7.014	7.061	7.231	7.257	7.257	7.276	7.221	7.026	6.524	6.482	6.513	6.657	6.800	6.977	
COKE																
Production:																
Beehive.....thous. sh. tons..	68	81	79	83	78	82	78	87	87	90	79	70	89	102		
Oven (byproduct).....do.....	4,258	4,442	4,157	4,391	4,289	4,540	4,661	4,485	4,821	4,855	5,192	5,037	5,164	5,138	5,138	
Petroleum coke.....do.....	1,312	1,344	1,350	1,367	1,355	1,457	1,440	1,343	1,457	1,366	1,409	1,436	1,501	1,415		
Stocks, end of month:																
Oven-coke plants, total.....do.....	3,899	2,993	2,777	2,888	2,899	2,881	2,831	2,672	2,567	2,421	2,337	2,281	2,353	2,358	2,363	
At furnace plants.....do.....	2,796	2,294	2,166	2,304	2,370	2,394	2,380	2,253	2,141	2,008	1,909	1,862	1,876	1,878	1,915	
At merchant plants.....do.....	1,103	699	611	584	520	486	451	418	426	413	429	419	477	480	448	
Petroleum coke.....do.....	1,053	1,200	1,171	1,195	1,381	1,297	1,284	1,313	1,329	1,359	1,379	1,393	1,417	1,379		
Exports.....do.....	33	38	33	23	41	19	19	23	27	25	37	40	61	59	36	
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed.....number..	1,781	1,691	1,725	1,633	1,480	1,768	1,567	1,628	1,564	1,566	1,542	1,730	1,819	1,892		
Price at wells (Okla.-Kansas).....\$ per bbl.	2.97	2.93	2.93	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	
Runs to stills.....mil. bbl.	255.8	264.2	260.2	266.9	261.0	269.3	273.3	256.8	269.9	258.4	267.6	268.0	281.7	281.0	281.0	
Refinery operating ratio.....% of capacity..	84	87	87	86	87	87	88	89	87	84	84	87	88	88		
All oils, supply, demand, and stocks:†																
New supply, total.....mil. bbl.	317.4	327.6	316.8	331.8	322.5	336.7	363.1	326.0	345.7	335.4	334.3	321.9	340.2	336.6		
Production:																
Crude petroleum.....do.....	223.0	229.4	225.2	233.6	226.3	232.8	238.1	224.5	240.6	233.1	235.8	228.3	233.7	232.6		
Natural-gas liquids, benzol, etc.....do.....	31.1	33.4	32.8	34.1	34.3	35.6	36.4	34.1	36.0	34.0	34.4	32.9	34.5	34.9		
Imports:																
Crude petroleum.....do.....	34.3	34.4	34.9	31.4	34.2	30.3	39.6	32.2	36.9	33.1	36.0	34.4	43.8	40.7		
Refined products.....do.....	29.1	30.4	23.9	32.7	27.6	38.0	49.8	35.2	32.2	35.2	28.2	26.3	28.1	28.3		
Change in stocks, all oils (decrease,—).....do.....	1.0	.1	11.0	11.7	2.9	-54.9	-22.8	-9.9	6.4	8.8	24.7	1.1	12.9	16.6		
Demand, total.....do.....	316.4	327.5	305.8	320.1	319.6	391.6	385.8	335.9	339.4	326.6	309.7	320.8	327.3	320.0		
Exports:																
Crude petroleum.....do.....	.1	.1	.1	.2	.1	.2	.1	.1	.2	.1	.2	.1	.1	.1		
Refined products.....do.....	5.0	6.2	7.0	6.0	6.5	6.3	6.7	4.8	6.0	6.4	5.7	6.4	6.7	6.0		
Domestic demand, total ?.....do.....	311.3	321.2	298.7	313.8	313.0	385.1	379.0	331.0	333.1	320.1	303.8	314.2	320.5	313.9		
Gasoline.....do.....	132.1	136.2	134.0	142.0	132.9	134.7	130.5	121.8	135.5	140.6	144.9	153.5	156.7	150.1		
Kerosene.....do.....	13.7	14.4	13.3	12.5	15.4	21.9	21.2	17.7	15.2	12.6	11.1	10.3	12.3	12.8		
Distillate fuel oil.....do.....	61.0	62.3	50.5	49.5	61.5	102.2	96.1	81.5	73.4	59.6	46.8	43.8	41.2	41.4		
Residual fuel oil.....do.....	45.5	45.1	35.6	41.8	43.8	60.4	66.4	53.4	49.7	48.2	37.5	35.7	38.2	37.7		
Jet fuel.....do.....	9.4	9.7	10.2	10.9	9.1	8.8	9.7	8.4	9.5	10.3	10.4	11.9	10.3	10.7		
Lubricants.....do.....	3.6	3.6	3.4	4.3	3.3	2.9	4.0	3.4	3.8	4.4	3.6	4.3	4.0	3.7		
Asphalt.....do.....	9.5	9.8	14.6	14.2	6.9	4.1	3.3	3.3	4.3	7.1	11.9	15.5	16.7	16.7		
Liquefied gases.....do.....	21.3	19.5	16.1	17.6	20.9	29.5	27.8	22.2	19.9	16.9	15.8	15.7	17.6	18.6		
Stocks, end of month, total.....do.....	820.6	831.1	875.9	887.6	890.5	835.6	812.8	802.9	809.2	818.0	842.7	843.9	856.7	873.3		
Crude petroleum.....do.....	248.1	246.9	248.3	245.5	244.4	237.4	241.0	240.1	246.9	253.9	257.3	251.2	246.3	237.9		
Natural-gas liquids.....do.....	35.2	33.8	43.1	43.8	42.1	33.7	28.4	27.4	29.9	34.1	38.9	42.5	45.0	46.6		
Refined products.....do.....	537.3	550.4	584.6	598.3	604.0	564.5	543.3	535.4	532.5	530.0	546.5	550.1	565.3	588.7		
Refined petroleum products:‡																
Gasoline (incl. aviation):																
Production.....do.....	131.9	135.7	135.7	138.2	135.6	144.1	142.4	133.0	140.1	133.9	140.1	140.5	149.7	149.4		
Exports.....do.....	.5	.6	.7	.8	.7	.9	.6	.4	.8	.4	.5	.7	1.0	.8		
Stocks, end of month.....do.....	188.6	192.8	181.3	178.3	181.3	190.9	203.2	215.1	220.4	214.7	210.9	198.5	191.4	190.9		
Prices (excl. aviation)																
Wholesale, ref. (Okla., group 3).....\$ per gal..	.113	.109	.115	.110	.090	.105	.105	.100	.100	.095	.105	.103	.105	.093	.099	
Retail (regular grade, excl. taxes), 55 cities (1st of following mo.).....\$ per gal..	.204	.201	.200	.197	.201	.204	.196	.199	.199	.195	.196	.207	.201	.198	.201	.200

† Revised. ‡ 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.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																
Refined petroleum products†—Continued																
Aviation gasoline:																
Production.....mil. bbl.	10.2	10.4	9.5	10.0	9.8	10.8	10.0	10.0	10.6	10.2	10.5	10.8	11.7	11.6		
Exports.....do.	.4	.4	.5	.5	.5	.6	.4	.2	.6	.2	.4	.5	.6	.6		
Stocks, end of month.....do.	10.5	10.7	9.6	9.3	8.8	9.4	9.7	10.8	10.3	10.3	9.9	9.2	9.0	8.9		
Kerosene:																
Production.....do.	13.1	113.8	12.2	14.9	14.8	16.2	17.3	14.7	14.3	12.5	11.7	11.6	12.7	13.4		
Stocks, end of month.....do.	30.6	131.7	36.0	39.1	39.1	34.1	30.9	28.5	28.5	29.1	30.5	32.8	34.4	36.0		
Price, wholesale, bulk lots (N.Y. Harbor) \$ per gal.	.104	.102	.096	.096	.099	.104	.104	.104	.099	.096	.094	.093	.093	.093	p. 093	
Distillate fuel oil:																
Production.....mil. bbl.	60.0	163.8	63.2	63.9	62.9	65.8	67.5	62.8	61.7	57.6	60.8	61.1	64.2	62.0		
Imports.....do.	1.0	.8	.7	.9	1.0	.8	1.6	1.1	.9	.8	.7	1.0	.6	.9		
Exports.....do.	.7	1.2	1.4	1.1	1.3	.4	1.2	.4	.6	.3	.3	.3	.4	.2		
Stocks, end of month.....do.	133.4	1135.8	177.2	191.4	192.6	156.7	128.5	110.5	99.2	97.8	112.2	130.3	153.6	175.0		
Price, wholesale (N.Y. Harbor, No. 2 fuel) \$ per gal.	.092	.092	.086	.086	.089	.094	.094	.094	.089	.086	.084	.083	.083	.083	p. 083	
Residual fuel oil:																
Production.....mil. bbl.	24.6	123.1	21.5	21.0	22.5	25.0	25.8	22.7	22.3	21.2	20.8	19.5	21.6	21.1		
Imports.....do.	22.0	22.9	15.7	23.2	20.7	31.6	39.7	29.2	24.7	28.0	19.8	17.7	20.5	19.5		
Exports.....do.	1.1	1.3	1.7	1.0	1.8	1.3	1.6	1.0	1.7	2.0	1.4	1.9	1.5	1.5		
Stocks, end of month.....do.	46.6	148.6	52.6	54.4	52.2	47.5	45.4	43.3	39.1	38.5	40.5	40.4	43.0	44.6		
Price, wholesale (Okla., No. 6) \$ per bbl.	1.58	1.57	1.55	1.55	1.55	1.55	1.80	1.65	1.50	1.35	1.35	1.35	1.35	1.35	p. 1.35	
Jet fuel (military grade only):																
Production.....mil. bbl.	8.6	8.3	8.5	7.8	8.3	7.8	7.8	7.9	9.1	8.9	9.5	9.9	10.0	10.4		
Stocks, end of month.....do.	8.7	9.4	9.3	8.6	8.9	8.5	8.5	9.0	9.9	9.2	9.3	8.6	9.5	10.7		
Lubricants:																
Production.....do.	5.1	5.3	5.4	5.4	5.3	5.0	5.2	4.8	5.2	5.3	5.4	5.2	5.4	5.4		
Exports.....do.	1.5	1.5	1.6	1.5	1.4	1.8	1.2	1.4	1.4	2.0	1.3	1.6	1.6	1.7		
Stocks, end of month.....do.	12.8	13.7	13.8	13.4	14.0	14.3	14.3	14.3	14.4	13.3	13.8	13.1	12.9	12.9		
Price, wholesale, bright stock (midcontinent, l.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	12.4	11.3	8.2	6.2	4.4	5.6	7.3	8.0	11.2	12.7	13.6	13.7		
Stocks, end of month.....do.	16.3	16.7	12.8	10.4	11.9	14.4	15.8	18.1	21.3	22.3	22.0	20.2	17.8	15.4		
Liquefied petroleum gases:																
Production.....do.	6.4	14.7	4.4	4.2	4.2	5.0	5.0	4.7	5.2	4.8	5.2	5.1	5.1	4.9		
Transfers from gasoline plants.....do.	14.9	14.9	12.1	13.5	16.5	23.3	22.1	17.1	15.0	12.3	11.5	11.4	12.8	14.0		
Stocks (at plants, terminals, underground, and at refineries), end of mo.....mil. bbl.	33.6	130.2	41.2	41.8	39.4	30.3	24.3	22.9	25.4	29.4	34.9	39.5	42.3	43.9		
Asphalt and tar products, shipments:†																
Asphalt roofing, total.....thous. squares.	5,367	5,372	6,419	7,114	4,604	3,103	3,134	4,521	4,705	5,719	6,921	7,586	7,870	7,212	7,387	
Roll roofing and cap sheet.....do.	1,913	2,009	2,450	2,764	1,810	1,214	1,213	1,610	1,777	2,042	2,389	2,545	2,819	2,725	2,805	
Shingles, all types.....do.	3,454	3,363	3,969	4,350	2,794	1,888	1,920	2,911	2,928	3,677	4,532	5,041	5,052	4,487	4,582	
Asphalt siding.....do.	67	66	81	102	85	52	43	60	48	50	49	55	65	64	76	
Insulated siding.....do.	77	70	93	102	56	37	31	36	44	57	65	75	74	68	75	
Saturated felts.....thous. sh. tons.	82	82	83	98	74	60	67	88	74	82	82	95	99	97	90	

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts.....thous. cords (128 cu. ft.)	3,668	3,835	3,945	4,335	3,821	3,495	4,030	4,175	4,157	3,843	3,992	4,120	4,186	4,254		
Consumption.....do.	3,673	3,870	3,754	4,102	3,975	3,626	4,055	3,906	4,126	4,119	4,213	3,952	3,898	4,151		
Stocks, end of month.....do.	5,225	5,124	5,118	5,353	5,116	4,976	4,936	4,981	4,987	4,690	4,428	4,478	4,660	4,620		
Waste paper:																
Consumption.....thous. sh. tons.	756	796	737	797	710	668	741	748	799	821	803	795	686	827		
Stocks, end of month.....do.	498	501	494	506	465	514	490	477	470	476	468	467	485	476		
WOODPULP																
Production:																
Total, all grades.....thous. sh. tons.	2,326	2,510	2,390	2,631	2,593	2,283	2,605	2,530	2,667	2,706	2,821	2,608	2,509	2,769		
Dissolving and special alpha.....do.	106	114	106	124	120	97	138	125	127	106	129	132	107	124		
Sulfate.....do.	1,358	1,495	1,416	1,555	1,551	1,357	1,528	1,509	1,608	1,634	1,729	1,543	1,545	1,688		
Sulfite.....do.	214	224	211	242	230	229	231	224	242	246	241	223	211	234		
Groundwood.....do.	283	289	280	310	308	280	327	304	320	330	335	324	300	337		
Defibrated or exploded.....do.	104	136	124	125	124	106	124	127	129	129	131	127	123	128		
Soda, semichem., screenings, etc.....do.	261	252	253	274	261	215	257	241	241	260	256	260	222	258		
Stocks, end of month:																
Total, all mills.....do.	878	713	706	707	731	717	739	745	759	747	771	762	759	777		
Pulp mills.....do.	297	263	243	246	264	235	266	271	265	271	286	278	273	293		
Paper and board mills.....do.	509	372	381	384	394	408	396	399	403	387	394	389	392	394		
Nonpaper mills.....do.	72	78	82	77	73	75	78	80	84	94	90	95	93	90		
Exports, all grades, total.....do.																
Dissolving and special alpha.....do.	40	44	55	41	38	49	43	42	55	46	55	40	62	36	55	
All other.....do.	59	75	73	76	68	93	89	78	83	92	88	87	79	107	79	
Imports, all grades, total.....do.																
Dissolving and special alpha.....do.	232	231	220	258	225	236	235	224	265	228	225	256	227	256	261	
All other.....do.	23	22	16	23	19	22	22	21	23	26	18	23	23	22	22	
Total.....do.	210	210	204	235	206	214	213	203	242	202	208	233	204	235	239	
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, seas. adj.....thous. sh. tons.	3,129	3,269	3,215	3,559	3,348	3,017	3,395	3,276	3,477	3,553	3,515	3,445	3,291	3,573		
All grades, total, unadjusted.....do.	1,378	1,438	1,384	1,553	1,485	1,384	1,535	1,448	1,515	1,547	1,524	1,484	1,414	1,519		
Paper.....do.	1,457	1,522	1,512	1,651	1,554	1,371	1,563	1,533	1,632	1,662	1,648	1,615	1,552	1,709		
Wet-machine board.....do.	.12	.12	.12	.13	.12	.11	.11	.11	.12	.11	.12	.12	.12	.10		
Construction paper and board.....do.	.282	.297	.307	.343	.297	.251	.286	.284	.318	.333	.331	.333	.317	.334		

† Revised. † Preliminary. † Beginning Jan. 1963, data for the indicated items exclude certain oils which have been reclassified as petrochemical feedstocks.
 † Effective Jan. 1963, "screenings, etc." included with "defibrated or exploded."
 † 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 1963 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

PULP, PAPER, AND PAPER PRODUCTS—Continued

PAPER AND PAPER PRODUCTS—Con.																
Paper and board—Continued																
New orders (American Paper and Pulp Assoc.):																
All grades, paper and board.....thous. sh. tons..	3,131	3,268	3,308	3,523	3,193	2,913	3,458	3,298	3,499	3,565	3,525	3,481	3,384			
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	101.4
Book paper, A grade.....do.....	107.6	107.4	107.4	107.4	107.4	107.4	107.4	107.4	109.0	109.9	109.9	109.9	109.9	109.9	109.9	109.9
Paperboard.....do.....	93.1	94.7	94.1	96.6	96.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.4	96.4
Building paper and board.....do.....	97.2	96.2	97.6	96.9	95.1	95.2	95.2	95.0	93.7	93.5	94.4	94.4	94.2	93.9	94.3	
Selected types of paper (APPA): †																
Fine paper:																
Orders, new.....thous. sh. tons..	166	174	171	192	173	157	185	184	184	197	190	187	185	187		
Orders, unfilled, end of month.....do.....	88	99	103	108	100	90	85	93	83	92	88	89	97	95		
Production.....do.....	170	177	177	190	190	169	187	183	191	195	191	189	169	190		
Shipments.....do.....	168	174	170	190	179	153	183	187	188	191	190	196	176	190		
Printing paper:																
Orders, new.....do.....	412	454	472	484	443	414	499	449	497	483	487	482	466	483		
Orders, unfilled, end of month.....do.....	370	394	410	394	378	375	383	368	397	391	401	398	412	409		
Production.....do.....	409	445	439	478	457	426	481	446	467	475	478	473	444	483		
Shipments.....do.....	409	445	439	478	456	425	481	446	467	475	478	473	444	483		
Coarse paper:																
Orders, new.....do.....	346	355	366	383	364	329	370	360	372	365	349	342	356	392		
Orders, unfilled, end of month.....do.....	154	164	182	185	180	154	160	167	161	145	139	143	160	173		
Production.....do.....	350	353	340	373	377	339	370	362	369	373	361	341	335	380		
Shipments.....do.....	343	350	356	366	370	341	369	354	373	372	354	336	339	374		
Newsprint:																
Canada:																
Production.....do.....	558	553	551	630	613	535	564	549	566	625	610	610	617	637	605	
Shipments from mills.....do.....	557	552	580	638	611	578	533	491	540	664	594	652	620	634	628	
Stocks at mills, end of month.....do.....	249	268	235	227	229	186	217	275	301	261	277	240	237	239	215	
United States:																
Production.....do.....	179	185	164	194	190	180	198	174	190	192	201	194	174	200	181	
Shipments from mills.....do.....	180	184	172	193	189	184	189	186	193	197	192	192	182	194	188	
Stocks at mills, end of month.....do.....	39	37	36	37	38	34	43	32	29	24	32	34	27	33	26	
Consumption by publishers.....do.....	465	465	490	529	524	522	455	452	518	528	550	496	453	472	491	
Stocks at and in transit to publishers, end of month.....thous. sh. tons..	586	588	606	588	559	545	569	572	550	541	511	529	562	591	608	
Imports, wholesale, 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	134.40	134.40
Paperboard (National Paperboard Assoc.): ‡																
Orders, new (weekly avg.).....thous. sh. tons..	1,340	1,357	363	385	357	316	363	387	381	387	399	395	361	400	385	410
Orders, unfilled, end of month.....do.....	461	518	611	622	545	494	537	538	532	519	565	587	624	610	606	627
Production, total (weekly avg.).....do.....	1,343	1,358	355	387	373	325	349	386	384	386	391	390	351	403	388	404
Percent of activity (based on 6.5-day week).....do.....	85	87	86	92	90	75	88	91	92	90	90	90	81	93	89	94
Paper products:																
Shipping containers, corrugated and solid fiber, shipments.....mil. sq. ft. surf. area..	10,182	10,711	10,848	12,482	10,649	9,870	10,833	10,460	11,039	11,520	11,399	11,284	11,198	11,697	12,232	13,219
Folding paper boxes, shipments, index of physical volume.....1947-49=100..	124.1	126.1	129.6	141.7	119.8	130.8	124.4	114.7	123.3	127.2	121.0	131.5	119.7	125.5		

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. lg. tons..	38.56	38.10	36.31	42.59	35.29	35.75	39.59	36.66	39.80	40.68	39.36	41.37	35.09	41.10	44.22	
Stocks, end of month.....do.....	68.47	72.70	68.88	64.30	61.32	60.58	62.44	64.34	64.97	64.74	69.08	67.14	75.39	82.85	81.16	
Imports, incl. latex and guayule.....do.....	35.13	31.63	26.24	30.58	27.09	28.61	38.78	26.30	41.75	28.79	44.07	31.24	40.51	39.04	37.20	
Price, wholesale, smoked sheets (N.Y.).....\$ per lb..	285	263	230	255	258	240	235	236	256	259	254	251	246	245	250	261
Synthetic rubber:																
Production.....thous. lg. tons..	131.20	134.04	124.59	129.86	134.81	141.05	143.59	140.18	146.27	146.22	150.31	146.94	137.99	144.63	144.81	
Consumption.....do.....	104.66	108.90	105.70	127.89	109.26	107.54	120.74	111.12	116.69	121.85	118.49	123.71	104.16	119.44	128.98	
Stocks, end of month.....do.....	257.15	281.05	292.20	275.28	275.28	283.01	279.51	283.20	285.88	285.19	263.17	293.02	300.31	298.15	287.58	
Exports.....do.....	25.31	23.60	21.33	22.51	22.90	24.86	24.00	28.80	27.05	27.85	24.66	24.98	25.60	26.52	30.45	
Reclaimed rubber:																
Production.....do.....	23.38	23.45	22.42	26.00	21.25	22.17	25.11	21.75	24.03	24.50	23.96	25.22	20.21	20.56	23.00	
Consumption.....do.....	21.95	21.97	21.65	25.06	20.65	20.15	22.99	20.75	22.59	24.20	23.10	22.30	19.02	20.95	22.48	
Stocks, end of month.....do.....	29.77	30.30	31.35	30.88	29.78	31.19	31.47	30.51	30.37	30.42	29.76	30.92	32.35	30.25	31.07	
TIRES AND TUBES																
Pneumatic casings:																
Production.....thous.....	11,156	11,594	10,540	13,469	11,502	11,496	12,681	11,835	12,563	13,331	13,214	14,041	11,509	13,234	14,355	
Shipments, total.....do.....	11,055	11,551	11,249	14,021	10,746	10,491	12,640	10,406	11,996	14,117	13,576	14,517	12,398	11,378	14,090	
Original equipment.....do.....	3,495	3,919	3,574	5,163	4,366	4,470	4,537	4,067	4,402	4,854	4,542	4,652	2,810	2,340	4,121	
Replacement equipment.....do.....	7,430	7,503	7,559	8,700	6,263	5,888	8,194	6,209	7,478	9,130	8,907	9,718	9,423	8,867	9,729	
Export.....do.....	130	129	117	158	117	134	110	130	116	133	126	146	164	171	241	
Stocks, end of month.....do.....	27,086	29,978	27,821	27,469	28,272	29,407	29,544	31,090	31,658	31,091	31,011	30,644	29,968	31,979	32,495	
Exports (Bu. of Census).....do.....	89	82	78	86	82	73	77	85	78	92	106	105	160	148	201	
Inner tubes:																
Production.....do.....	3,403	3,305	2,860	3,408	2,827	3,138	3,914	3,673	3,837	3,956	3,591	3,699	3,010	3,364	3,439	
Shipments.....do.....	3,442	3,398	3,121	3,506	2,958	2,799	5,415	3,613	3,381	3,392	3,117	3,475	3,370	3,404	3,448	
Stocks, end of month.....do.....	8,913	9,462	9,181	9,155	9,088	9,529	8,201	8,424	9,020	9,587	10,172	10,471	10,135	10,195	10,439	
Exports (Bu. of Census).....do.....	81	76	82	85	77	75	55	72	51	64	73	87	86	96		

† Revised. ‡ Preliminary. § 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

STONE, CLAY, AND GLASS PRODUCTS

PORTLAND CEMENT																
Production, finished cement.....thous. bbl.	28,027	29,441	34,682	36,624	30,377	23,993	18,931	19,729	24,697	29,493	34,417	36,185	37,220	37,700	35,834	
Percent of capacity.....	75	74	88	90	77	59	46	51	61	75	84	92	91	92	87	
Shipments, finished cement.....thous. bbl.	27,893	29,354	36,547	41,352	26,317	16,958	17,425	17,597	22,722	29,178	35,511	38,750	40,678	39,496	38,008	
Stocks, end of month:																
Finished.....do.	36,720	38,029	33,236	28,485	32,491	39,556	41,047	43,181	45,152	45,462	44,425	41,894	38,467	36,671	34,631	
Clinker.....do.	24,160	23,081	17,400	13,631	13,820	16,793	21,741	25,610	29,242	30,667	29,580	27,065	24,249	20,628	18,322	
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face) mtl. standard brick.....	576.1	617.1	684.3	776.7	620.4	431.1	424.1	446.5	590.8	679.3	739.6	771.6	765.9			
Structural tile, except facing.....thous. sh. tons.	35.2	32.0	30.9	34.1	26.2	23.4	27.1	25.1	29.6	31.7	32.6	32.8	31.3			
Sewer pipe and fittings, vitrified.....do.	142.8	145.6	171.1	186.4	135.1	94.8	93.4	101.3	137.5	151.8	166.1	184.5	189.8			
Facing tile (hollow), glazed and unglazed mtl. brick equivalent.....	33.6	29.7	29.7	35.7	29.2	25.8	22.8	21.9	26.4	27.8	25.2	30.2	32.6			
Floor and wall tile and accessories, glazed and unglazed.....ml. sq. ft.	21.1	22.2	22.8	25.3	21.5	19.1	21.2	20.8	24.8	25.5	23.9	25.5	25.3			
Price index, brick (common), f.o.b. plant or N.Y. dock.....1957-59=100.	104.9	106.1	105.8	105.8	105.9	106.1	106.1	107.1	107.1	107.3	107.3	107.1	106.7	106.9	107.2	
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments (qtrly. average or total) thous. \$.	71,497	78,274	80,857			89,298			78,211			79,622			82,793	
Sheet (window) glass, shipments.....do.	31,612	35,370	38,766			41,314			32,610			34,089			39,898	
Plate and other flat glass, shipments.....do.	39,885	42,904	42,091			47,984			45,601			45,533			42,895	
Glass containers:																
Production.....thous. gross.	14,655	15,166	14,803	15,677	14,271	12,712	14,424	14,704	15,877	16,391	16,776	17,652	17,004	17,958	15,295	
Shipments, domestic, total.....do.	14,319	14,730	14,805	15,497	13,283	13,382	13,714	13,397	15,377	16,514	15,283	16,967	16,301	17,447	16,896	
General-use food:																
Narrow-neck food.....do.	1,582	1,602	2,765	1,838	1,186	1,204	1,331	1,294	1,508	1,642	1,367	1,455	2,105	2,652	3,027	
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars).....thous. gross.	4,110	4,100	4,124	4,633	3,847	3,848	4,181	4,034	4,134	3,911	4,040	4,355	4,096	4,656	4,751	
Beverage.....do.	1,187	1,350	858	921	959	1,382	845	987	1,422	1,700	2,105	2,359	2,027	1,324	1,101	
Beer bottles.....do.	2,184	2,453	1,971	2,157	2,101	2,286	2,054	2,137	2,693	3,542	2,822	3,543	3,669	3,318	2,622	
Liquor and wine.....do.	1,269	1,295	1,337	1,643	1,323	1,226	1,286	1,293	1,413	1,392	1,379	1,425	1,094	1,357	1,525	
Medicinal and toilet.....do.	3,066	3,061	2,933	3,401	3,095	2,704	3,263	2,956	3,364	3,490	2,890	3,089	2,647	3,369	3,117	
Chemical, household and industrial.....do.	786	742	679	765	648	584	639	602	751	699	590	637	553	639	605	
Dairy products.....do.	134	127	138	139	124	148	115	94	102	138	90	104	110	132	148	
Stocks, end of month.....do.	22,921	25,533	25,151	25,564	26,315	25,540	26,067	25,893	26,136	25,633	26,948	27,294	27,570	27,672	25,648	
GYPSUM AND PRODUCTS																
Crude gypsum, qtrly. avg. or total:																
Imports.....thous. sh. tons.	1,355	1,372	1,586			1,375			1,397			1,280				
Production.....do.	2,492	2,561	2,902			2,425			2,377			2,733				
Calcined, production, qtrly. avg. or total.....do.	2,205	2,295	2,518			2,226			2,209			2,437				
Gypsum products sold or used, qtrly. avg. or total:																
Uncalcined uses.....thous. sh. tons.	1,012	1,035	1,263			947			822			1,200				
Industrial uses.....do.	67	70	70			69			73			75				
Building uses:																
Plasters:																
Base-coat.....do.	256	259	284			232			237			269				
All other (incl. Keene's cement).....do.	257	250	289			240			217			254				
Lath.....ml. sq. ft.	396.2	387.3	437.0			365.0			365.7			391.8				
Wallboard.....do.	1,657.9	1,777.4	1,994.8			1,730.1			1,721.1			1,905.7				
All other.....do.	58.9	62.0	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	939.8	1,179.7	957.0	887.1	893.8	741.3	733.0	1,898.5	729.1	729.4	1,725.8	724.8		
Cotton.....do.	760.2	756.9	719.1	1,915.3	736.3	684.2										
Stocks, end of year or mo., total⊙.....do.	1,488.0	1,509.3	1,505.0	1,475.7	1,494.5	1,564.0	1,157.1	1,131.4	1,116.5	1,081.4	1,087.1	1,071.8	1,066.1	1,076.0		
Cotton⊙.....do.	1,192.5	1,176.7	1,164.0	1,149.9	1,168.0	1,235.6										
Orders (unfilled), end of year or mo., total ⊕.....do.	2,472.3	2,491.5	2,546.1	2,827.9	2,968.9	2,892.8	1,882.5	1,797.4	1,682.2	1,555.8	1,624.8	1,700.2	1,909.8	2,064.6		
Cotton ⊕.....do.	1,848.9	1,800.8	1,848.8	2,023.4	2,127.1	2,084.8										
COTTON																
Cotton (exclusive of linters):																
Production:																
GinningsΔ.....thous. running bales.	14,864	15,283	4,789	10,062	12,820	14,070	15,117						152	1,011	3,682	9,073
Crop estimate, equivalent 500-lb. bales																
Consumption ⊙.....thous. bales.	14,867	15,327		829	678	605	814	683	673	831	687	683	741	712	702	15,444
Stocks in the United States, end of mo., total ⊙.....thous. bales.	14,696	17,796	24,405	23,328	22,068	20,861	19,462	18,225	17,079	15,866	14,816	13,813	12,383	26,344	25,974	
Domestic cotton, total ⊙.....do.	14,593	17,669	24,258	23,175	21,920	20,710	19,323	18,095	16,961	15,760	14,721	13,733	12,311	26,209	25,840	
On farms and in transit.....do.	3,371	3,548	11,590	6,916	4,163	2,045	1,168	885	581	577	520	528	270	14,264	12,646	
Public storage and compresses ⊙.....do.	9,564	12,762	11,688	15,209	16,510	17,280	16,557	15,539	14,664	13,582	12,750	11,933	10,916	11,058	12,341	
Consuming establishments.....do.	1,658	1,359	981	1,050	1,245	1,405	1,598	1,672	1,716	1,601	1,451	1,272	1,125	887	853	
Foreign cotton, total ⊙.....do.	103	128	147	153	149	151	139	130	118	106	95	80	72	135	134	

⊕ Revised. Δ Data cover 5 weeks; other months, 4 weeks. ⊙ Total crop for year. ⊙ Ginnings to Dec. 13. ⊙ Ginnings to Jan. 16. ⊙ Nov. 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; Aug. 1964 figures for wool apparel fabrics (mil. yd.): Woven, 19.1; stocks, 25.1.

⊙ Stocks are those owned by weaving mills and those billed and held for others, except that stocks exclude denim stocks billed and held for others, and all bedsheeting stocks. ⊕ Excludes orders for wool apparel fabrics and bedsheeting. Δ Total ginnings to end of month indicated, except as noted. ⊙ Revisions for Aug. 1962-June 1963 are available; for stocks, monthly averages also reflect cotton released by GSA from the cotton stockpile (beginning 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		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.

TEXTILE PRODUCTS—Continued

COTTON—Continued																
Cotton (exclusive of linters)—Continued																
Exports.....thous. bales.....	321	363	361	384	501	628	587	570	490	400	381	387	697	120	184	
Imports.....do.....	12	11	4	24	5	1	1	3	5	6	2	2	2	49	2	
Prices (farm), American upland.....cents per lb.	1 31.7		32.7	32.9	32.5	31.3	30.1	29.4	30.7	31.7	32.1	32.4	32.5	30.6	30.6	31.0
Prices, middling 1", avg., 15 markets.....do.....	1 33.5	33.2	33.1	33.1	33.1	33.2	33.2	33.3	33.4	33.4	33.4	33.3	32.6	31.2	30.7	30.6
Cotton linters:																
Consumption.....thous. bales.....	109	111	106	131	100	99	129	111	108	132	109	118	102	107	114	
Production.....do.....	134	129	147	205	201	169	184	165	147	119	89	62	44	46	115	
Stocks, end of mo.....do.....	628	667	497	566	651	699	760	783	797	777	726	649	599	541	505	
COTTON MANUFACTURES																
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....thous.	18,807	18,628	18,696	18,742	18,660	13,625	18,591	18,543	18,492	18,484	18,442	18,376	18,446	18,543	18,489	
Consuming 100 percent cotton.....do.....	16,750	15,813	15,758	15,753	15,653	15,656	15,596	15,521	15,440	15,381	15,292	15,208	15,238	15,273	15,174	
Spindle hours operated, all fibers, total.....mil.	9,895	9,849	9,345	11,788	9,538	8,563	11,579	9,494	9,294	11,503	9,481	9,422	10,272	9,678	9,698	
Average per working day.....do.....	458	456	467	472	477	428	463	475	465	460	474	471	411	484	480	
Consuming 100 percent cotton.....do.....	8,780	8,349	7,903	9,903	8,000	7,220	9,742	7,978	7,798	9,609	7,892	7,836	8,455	7,981	7,931	
Cotton yarn, natural stock, on cones or tubes:																
Prices, f.o.b. mill:																
20/2, carded, weaving.....\$ per lb.	.660	.644	.645	.645	.650	.655	.655	.655	.655	.636	.631	.631	.612	.612	.617	
36/2, combed, knitting.....do.....	.938	.912	.911	.911	.920	.923	.923	.923	.918	.913	.895	.896	.881	.879	.878	
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production, qtrly. avg. or total.....mil. lin. yd.	2,312	2,100	2,063			2,214			2,230			2,255				
Orders, unfilled, end of mo., as compared with avg. weekly production.....No. weeks' prod.	10.8	10.6	10.5	11.5	12.3	12.8	11.0	10.1	9.7	9.1	9.4	9.8	13.8	11.8	12.4	
Inventories, end of mo., as compared with avg. weekly production.....No. weeks' prod.	5.4	5.5	5.3	5.1	5.0	5.5	5.1	4.9	4.9	5.0	5.1	4.8	6.0	4.8	4.8	
Ratio of stocks to unfilled orders (at cotton mills), end of mo., seasonally adjusted.....	.51	.52	.48	.41	.39	.42	.47	.61	.52	.57	.56	.49	.45	.39	.36	
Mill margins.....cents per lb.	25.24	25.20	25.80	26.23	26.73	26.92	26.87	26.85	26.87	26.37	25.95	25.11	25.35	33.36	34.20	34.45
Prices, wholesale:																
Denim, mill finished.....cents per yd.	39.6	38.1	37.7	37.7	37.7	37.7	37.7	37.7	38.0	37.7	37.7	36.9	36.9	36.9	34.9	
Print cloth, 39 inch, 68 x 72.....do.....	15.4	15.9	16.0	16.3	17.0	17.0	17.0	17.0	17.0	16.5	15.8	15.6	15.8	15.8	15.8	
Sheeting, class B, 40-inch, 48 x 44-48.....do.....	17.0	17.0	16.9	16.9	17.1	17.8	17.8	17.5	17.7	17.8	17.8	16.6	17.0	17.0	17.5	
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly. avg. or total:																
Filament yarn (rayon and acetate).....mil. lb.	181.5	177.4	176.6			189.3			189.6			190.1	190.1	165.6	164.1	168.1
Staple, incl. tow (rayon).....do.....	125.0	144.8	146.0			152.6			162.2			141.5	141.5	142.5	143.0	150.9
Noncellulosic (nylon, acrylic, protein, etc.).....do.....	243.2	289.0	305.7			313.4			322.7			334.1	334.1			
Textile glass fiber.....do.....	47.6	43.0	48.5			50.5			54.4			58.2	58.2			
Exports:																
Yarns and monofilaments.....thous. lb.	9,177	8,196	8,330	8,008	8,662	9,160	7,442	6,691	8,899	8,498	9,005	10,177	10,204	10,907	10,831	
Staple, tow, and tops.....do.....	4,281	4,187	4,003	5,556	6,080	4,309	2,499	5,544	3,938	3,664	3,199	5,013	3,947	4,851	4,994	
Imports:																
Yarns and monofilaments.....do.....	809	690	837	884	487	510	529	437	518	563	592	882	967	883	982	
Staple, tow, and tops.....do.....	5,463	10,463	10,155	13,089	12,913	15,462	15,367	12,357	17,415	12,287	11,578	10,453	9,636	6,902	8,911	
Stocks, producers', end of mo.:																
Filament yarn (rayon and acetate).....mil. lb.	53.2	56.8	57.3	53.1	50.4	47.0	44.7	43.6	41.0	37.9	36.1	35.0	35.9	34.9	35.1	
Staple, incl. tow (rayon).....do.....	48.4	35.5	33.9	38.5	35.7	37.9	40.3	41.9	48.3	52.5	56.6	60.9	58.9	53.2	49.9	
Noncellulosic fiber.....do.....	79.8	113.3	119.6			135.9			137.7			131.5				
Textile glass fiber.....do.....	27.0	28.5	27.9			29.7			29.0			31.0				
Prices, rayon (viscose):																
Yarn, filament, 150 denier.....\$ per lb.	.82	.82	.82	.82	.82	.82	.78	.78	.78	.78	.78	.78	.78	.78	.78	.78
Staple, 1.5 denier.....do.....	.26	.27	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28
Manmade fiber and silk broadwoven fabrics:																
Production, qtrly. avg. or total.....mil. lin. yd.	685.8	765.2	736.7			810.0			847.6			864.1				
Filament yarn (100%) fabrics.....do.....									372.6			388.0				
Chiefly rayon and/or acetate fabrics.....do.....									199.3			204.3				
Chiefly nylon fabrics.....do.....									69.8			71.2				
Spun yarn (100%) fabrics (except blanketing).....mil. lin. yd.									297.2			302.5				
Rayon and/or acetate fabrics and blends.....do.....									156.2			164.6				
Polyester blends with cotton.....do.....									105.7			105.9				
Combinations of filament and spun yarn fabrics.....mil. lin. yd.									119.1			117.0				
Exports, piece goods.....thous. sq. yd.	11,633	12,972	13,439	13,684	13,283	14,693	14,061	13,788	17,318	16,628	16,612	15,880	12,546	13,251	16,842	
WOOL																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb.	23.4	20.9	18.2	20.7	16.1	16.7	22.7	19.0	17.8	21.3	19.2	19.8	20.1	18.4	18.0	
Carpet class.....do.....	12.4	13.4	13.6	16.0	12.0	10.6	13.6	10.6	9.4	11.1	7.5	8.6	7.9	10.1	9.8	
Wool imports, clean yield.....do.....	23.1	23.8	16.0	20.6	13.7	25.9	21.6	21.6	17.8	18.5	18.5	13.8	17.3	15.1	19.7	
Duty-free (carpet class).....do.....	11.8	14.0	10.4	14.7	6.9	14.8	11.8	11.5	8.9	9.8	11.5	6.6	9.8	7.1	11.5	
Wool prices, raw, clean basis, Boston:																
Good French combing and staple:																
Graded territory, fine.....\$ per lb.	1.247	1.326	1.325	1.325	1.325	1.425	1.425	1.450	1.450	1.415	1.375	1.375	1.335	1.398	1.405	1.405
Graded fleece, 3/8 blood.....do.....	1.090	1.175	1.191	1.205	1.226	1.255	1.255	1.255	1.255	1.255	1.289	1.300	1.300	1.300	1.300	1.318
Australian, 64s, 70s, good topmaking.....do.....	1.155	1.285	1.275	1.275	1.275	1.455	1.455	1.455	1.455	1.439	1.375	1.375	1.375	1.375	1.375	1.375
WOOL MANUFACTURES																
Knitting yarn, worsted, 2/20s-50s/56s, Bradford system, wholesale price: 1957-59=100.																
Woolen and worsted woven goods, exc. felts:																
Production, qtrly. avg. or total.....thous. lin. yd.	77,465	71,101	66,531			61,997			68,640			71,463				
Apparel fabrics, total.....do.....	75,310	68,485	64,712			59,302			66,654			69,822				
Women's and children's.....do.....	45,423	43,246	45,466			39,168			42,570			46,538				
Suitings, 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	95.8

* Revised. † Preliminary. ‡ Season average. § Data cover 5 weeks; other months, 4 weeks. ¶ For month shown. †† Qtrly. average. ‡‡ Revisions for Jan. 1962-June 1963 are available. §§ Includes data not shown separately. ¶¶ Production and stocks of linters at oil mills revised to approximate running bales; data back to Aug. 1958 are available. ††† Beginning Aug. 1964, margins reflect the 6.5 cents per pound cotton equalization payments made to domestic cotton users on all bales of eligible cotton opened beginning 4/11/64; note that the Apr.-July 1964 margins exclude these payments. †††† Effective Jan. 1964, data not strictly comparable with earlier prices. ††††† See corresponding note, bottom of p. S-40. †††††† New series. See corresponding note in the Aug. 1964 SURVEY. Monthly data back to 1959 are available. ††††††† Beginning July 1964 index, yarn specification changed to "American system, manufacturer to knitter."

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963				1964									
	Monthly average		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TEXTILE PRODUCTS—Continued																
APPAREL																
Hosiery, shipments.....thous. doz. pairs..	14,343	15,007	15,194	17,584	14,331	13,399	16,350	15,411	15,423	14,763	13,892	16,544	15,174	16,661	16,896	
Men's apparel, cuttings: †																
Tailored garments:																
Suits.....thous. units..	1,685	1,799	1,589	2,011	1,787	1,677	1,934	1,771	1,664	1,929	1,724	1,757	1,156	1,893		
Overcoats and topcoats.....do....	401	329	343	316	231	158	189	209	225	309	384	390	311	407		
Coats (separate), dress and sport.....do....	943	1,054	882	1,218	1,022	967	1,169	1,030	1,021	1,173	1,116	1,024	659	993		
Trousers (separate), dress and sport.....do....	9,527	9,120	8,843	9,480	8,383	7,384	9,560	9,587	9,698	10,672	10,847	11,354	9,947	11,360		
Shirts (woven fabrics), dress and sport.....thous. doz.	2,061	2,071	1,918	2,276	2,100	1,853	2,138	2,101	2,020	2,118	2,098	1,975	1,730	2,028		
Work clothing:																
Dunearies and waistband overalls.....do....	281	366	410	475	373	325	402	424	433	444	425	415	379	403		
Shirts.....do....	303	313	311	341	307	219	336	325	319	339	306	304	268	318		
Women's, misses', juniors' outerwear, cuttings: †																
Coats.....thous. units..	2,002	2,046	2,440	2,529	2,001	1,727	2,247	2,345	1,588	1,032	1,541	2,135	2,408	2,521		
Dresses.....do....	20,880	21,914	18,874	22,353	18,933	15,915	21,920	24,866	28,149	29,943	25,545	22,953	19,918	20,338		
Suits.....do....	806	828	636	858	796	770	1,259	1,362	868	584	628	909	1,008	927		
Blouses, waists, and shirts.....thous. doz.	1,370	1,363	1,263	1,640	1,351	1,041	1,408	1,500	1,442	1,471	1,250	1,354	1,274	1,328		
Skirts.....do....	656	825	804	978	690	607	741	776	758	825	844	923	900	875		

TRANSPORTATION EQUIPMENT

AEROSPACE VEHICLES																
Orders, new (net), qtrly. avg. or total.....mil. \$.	3,741	4,414	5,194				3,656					4,899				4,580
U.S. Government.....do....	2,996	3,519	4,003				2,758					3,863				3,596
Prime contract.....do....	3,330	4,018	4,680				3,263					4,443				4,192
Sales (net), receipts or billings, qtrly. avg. or total.....mil. \$.	3,993	4,102	4,170				4,257					4,098				4,345
U.S. Government.....do....	3,138	3,301	3,418				3,398					3,144				3,365
Backlog of orders, end of year or qtr. †.....do....	13,138	13,919	14,522				13,919					14,705				14,940
U.S. Government.....do....	10,572	10,953	11,579				10,953					11,665				11,696
Aircraft (complete) and parts.....do....	5,045	5,301	5,345				5,301					5,879				6,180
Engines (aircraft) and parts.....do....	1,527	1,510	1,484				1,510					1,383				1,342
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$.	4,056	4,661	5,151				4,661					4,809				4,826
Other related operations (conversions, modifications), products, services.....mil. \$.	1,480	1,295	1,365				1,295					1,403				1,326
Aircraft (civilian): Shipments †.....do....	81.8	57.2	58.4	63.3	52.8	88.1	84.6	66.5	96.7	114.6	92.3	96.0	71.4	89.2		
Airframe weight †.....thous. lb.	1,682	1,340	1,199	1,380	1,306	2,045	1,815	1,567	2,011	2,297	1,997	2,091	1,631	1,748		
Exports.....mil. \$.	27.3	20.3	13.2	11.6	20.9	15.4	41.8	17.9	25.0	33.4	24.0	19.8	24.9	19.5	14.0	
MOTOR VEHICLES																
Factory sales, total.....thous.	681.1	758.4	598.8	945.7	873.3	881.8	859.6	814.1	860.5	939.9	875.7	893.2	691.4	339.6	700.9	1,491.5
Domestic.....do....	654.6	730.0	566.1	906.2	836.8	846.4	831.5	784.8	829.3	909.3	845.1	862.6	670.3	319.9	671.1	
Passenger cars, total.....do....	577.8	636.5	481.8	804.0	748.5	754.0	726.2	681.1	718.0	786.4	735.0	740.6	570.3	237.3	581.9	1,411.2
Domestic.....do....	562.8	620.3	463.0	779.2	726.2	733.0	709.0	665.4	700.9	770.2	719.5	726.7	562.2	230.8	563.8	
Trucks and buses, total.....do....	103.3	121.9	117.0	141.7	124.7	127.8	133.5	133.1	142.5	153.5	140.7	152.5	121.1	102.2	119.1	1,800.3
Domestic.....do....	91.9	109.7	103.1	127.0	110.6	113.5	122.5	119.4	128.4	139.1	125.6	136.0	108.1	89.1	107.3	
Exports, total.....number..	20,100	22,928	17,142	27,970	42,056	34,607	33,829	27,606	23,857	22,407	27,769	34,681	22,032	26,308	22,853	
Passenger cars (new and used).....do....	11,246	12,851	8,294	14,998	29,066	24,799	20,274	13,995	11,932	12,031	13,166	18,986	10,677	14,927	11,895	
Trucks and buses.....do....	8,855	10,076	8,848	12,972	12,990	9,808	13,555	13,611	11,925	10,376	14,603	15,695	11,355	11,381	10,958	
Imports (cars, trucks, buses), total [†]do....	33,080	36,534	32,350	38,835	39,086	40,952	45,588	38,426	47,238	46,404	41,211	47,015	47,172	20,430	40,283	
Passenger cars (new and used) [†]do....	32,065	35,308	31,019	36,834	38,504	40,037	44,330	38,243	46,868	45,950	40,808	46,481	46,812	20,181	39,632	
Shipments, truck trailers: †.....do....																
Complete trailers and chassis.....do....	6,081	6,465	6,404	7,434	6,590	6,503	6,135	5,910	7,184	8,141	7,991	8,185	7,888	7,309		
Vans.....do....	3,733	3,385	3,736	4,456	4,311	4,139	3,802	3,609	4,246	4,745	4,562	4,614	4,538	4,366		
Trailers and chassis (detachable), sold separately.....number..	537	445	285	365	427	459	342	289	515	607	623	627	651	806		
Registrations: †.....do....																
New passenger cars.....thous..	578.2	629.7	493.6	714.7	640.2	712.0	612.0	551.8	636.9	812.3	780.6	754.3	724.2	648.7	565.4	
Foreign cars.....do....	28.3	32.1	33.7	32.2	26.4	35.8	35.4	29.8	35.8	45.0	41.3	42.5	44.2	42.4		
New commercial cars (trucks).....do....	89.1	103.7	93.5	117.1	100.4	114.6	102.7	90.9	108.3	132.5	124.3	122.4	123.0	111.1	121.1	
RAILROAD EQUIPMENT																
Freight cars (ARCI):																
Shipments.....number..	3,046	3,747	4,327	4,725	3,911	4,442	5,253	5,467	6,780	6,520	6,931	6,759	5,258	4,349	4,314	
Equipment manufacturers, total.....do....	1,962	2,608	2,984	3,366	2,925	3,087	3,299	3,674	4,336	3,531	3,947	4,190	4,055	2,875	2,899	
Railroad shops, domestic.....do....	1,085	1,140	1,343	1,359	986	1,355	1,954	1,793	2,444	2,989	2,984	2,569	1,203	1,474	1,415	
New orders.....do....	3,076	5,097	2,319	8,066	8,273	9,827	10,552	3,701	7,040	2,796	6,943	4,593	4,644	7,344	4,045	
Equipment manufacturers, total.....do....	1,979	3,665	1,921	3,637	6,673	7,868	3,441	3,172	5,454	2,496	4,894	3,554	3,627	4,124	2,631	
Railroad shops, domestic.....do....	1,097	1,432	398	4,429	1,600	1,959	7,111	529	1,586	300	2,049	1,039	1,017	3,220	1,414	
Unfilled orders, end of year or mo.....do....	14,315	22,183	18,388	22,196	26,611	32,311	37,836	36,080	36,922	34,690	33,410	30,631	28,618	31,598	31,278	
Equipment manufacturers, total.....do....	6,788	12,645	11,188	11,626	15,425	20,161	20,291	19,789	20,960	19,930	21,094	20,383	19,757	21,006	20,688	
Railroad shops, domestic.....do....	7,527	9,538	7,200	10,570	11,186	12,150	17,545	16,291	15,962	14,760	12,326	10,248	8,861	10,592	10,590	
Passenger cars: Shipments.....do....	23	16	42	35	24	14	5	5	5	5	6	15	21	30	28	
Unfilled orders, end of mo.....do....	174	198	220	202	178	317	352	387	382	377	371	356	363	333	305	
Freight cars, class 1 (AAR): †.....do....																
Number owned, end of year or mo.....thous..	1,552	1,515	1,527	1,521	1,519	1,515	1,513	1,507	1,505	1,503	1,502	1,501	1,500	1,499	1,497	
Held for repairs, % of total owned.....do....	8.0	6.8	7.7	7.1	7.0	6.8	6.5	6.3	6.3	6.2	6.1	6.0	6.1	6.0	6.0	

† Revised. † 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 1958 are available.

⊗ Courtesy of R. L. Polk & Co.; republication prohibited.

⊘ Excludes railroad-owned private refrigerator cars and private line cars.

NOTE FOR MANMADE FIBER FABRICS, P. S-39. †Effective 1st qtr. 1964, data reflect revised fabric classifications. The difference between total production and the sum of data for filament, spun, and mixed yarn fabrics shown separately (p. S-39) covers upholstery, blanketing, silk, paper, and other specialty fabrics. The difference between the total for 100% filament yarn and the components shown, covers all other filament yarn goods, including glass fiber and polyester fiber fabrics. Earlier data comparable with the detail shown are not available. Figures for 1st qtr. 1964 reported under the new classification system and recoded to the old are summarized for comparison with data shown in the Aug. 1964 and earlier issues of the SURVEY as follows (mil. yd.): Total, 840.5; rayon, 485.2; nylon, 79.1; polyester, 204.0; silk, 4.3.

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