

APRIL 1964

survey of

CURRENT
BUSINESS



U.S. DEPARTMENT OF COMMERCE
OFFICE OF BUSINESS ECONOMICS

SURVEY OF CURRENT BUSINESS

APRIL 1964

VOL. 44, NO. 4



U.S. Department of Commerce

Luther H. Hodges
Secretary

Office of Business Economics

George Jaszi
Director

★ ★ ★

Louis J. Paradiso
Associate Director

Murray F. Foss
Editor

K. Celeste Stokes Billy Jo Hurl
Statistics Editor Graphics

STAFF CONTRIBUTORS
TO THIS ISSUE

Size Distribution of Income:
Jeannette Fitzwilliams
May V. Hargreaves

*State Income Estimates for 1963
and*

Income Trends Since 1948:

Robert E. Graham, Jr.
Edward A. Trott, Jr.

James M. Lazard
Elizabeth H. Queen
Mae B. Rothery
Joseph V. Di Berardino
Kenneth G. Sander
Eunice P. James

★ ★ ★

Subscription prices, including weekly statistical supplements, are \$4 a year for domestic and \$7.50 for foreign mailing. Single issue 30 cents.

Make checks payable to the Superintendent of Documents and send to U.S. Government Printing Office, Washington, D.C., 20402, or to any U.S. Department of Commerce Field Office.

Contents

THE BUSINESS SITUATION	PAGE
Summary	1
ARTICLES	
Size Distribution of Income in 1963	3
Personal Income by States, 1963	
Most States Share in Expansion	12
Factors Underlying Changes in the Geographic Distribution of Income	15
Changes in the Regional Distribution of Income	16
Industrial Factors Underlying Regional Trends	19
NATIONAL INCOME TABLES	31
NEW OR REVISED STATISTICAL SERIES	
Department Store Inventories	32
Shipments of Asphalt and Tar Roofing and Siding Products ..	32
Housing Units Authorized by Building Permits	S-9
CURRENT BUSINESS STATISTICS	
General	S1-S24
Industry	S24-S40
Subject Index	Inside Back Cover

U.S. DEPARTMENT OF COMMERCE FIELD OFFICES

Albuquerque, N. Mex., 87101, U.S. Courthouse. Phone 247-0311.
Anchorage, Alaska, 99501, Loussac-Sogn Bldg. BR 2-9611.
Atlanta, Ga., 30303, 75 Forsyth St. NW. JA 2-4121.
Birmingham, Ala., 35203, 2030 Third Ave. N Phone 323-8011.
Boston, Mass., 02110, 80 Federal St. CA 3-2312.
Buffalo, N.Y., 14203, 117 Ellicott St. TL 3-4216.
Charleston, S.C., 29401, No. 4 North Atlantic Wharf. Phone 722-6551.
Charleston, W. Va., 25301, 500 Quarrier St. Phone 343-6196.
Cheyenne, Wyo., 82001, 16th St. and Capitol Ave. Phone 634-2731.
Chicago, Ill., 60606, 226 W. Jackson Blvd. Phone 828-4400.
Cincinnati, Ohio, 45202, 36 E. Fourth St. Phone 381-2200.
Cleveland, Ohio, 44101, E. 6th St. and Superior Ave. Phone 241-7900.
Dallas, Tex., 75202, 1114 Commerce St. RI 9-3287.

Denver, Colo., 80202, 142 New Customhouse. Phone 534-4151.
Detroit, Mich., 48226, 445 Federal Bldg. Phone 226-6088.
Greensboro, N.C., 27402, 407 U.S. Post Office Bldg. Phone 273-8234.
Hartford, Conn., 06103, 18 Asylum St. Phone 244-3530.
Honolulu, Hawaii, 96813, 202 International Savings Bldg. Phone 588874.
Houston, Tex., 77002, 515 Rusk Ave. CA 8-0611.
Jacksonville, Fla., 32202, 512 Greenleaf Bldg. EL 4-7111.
Kansas City, Mo., 64106, 911 Walnut St. BA 1-7000.
Los Angeles, Calif., 90015, 1031 S. Broadway. Phone 688-2830.
Memphis, Tenn., 38103, 345 Federal Office Bldg. 534-3214.
Miami, Fla., 33132, 14 NE. First Ave. FR 7-2581.
Milwaukee, Wis., 53203, 238 W. Wisconsin Ave. BR 2-8600.
Minneapolis, Minn., 55401, Federal Bldg. Phone 334-2133.
New Orleans, La., 70130, 333 St. Charles Ave. Phone 527-6546.

New York, N.Y., 10001, Empire State Bldg. LO 3-3377.
Philadelphia, Pa., 19107, 1015 Chestnut St. WA 3-2400.
Phoenix, Ariz., 85025, 230 N. First Ave. Phone 261-3285.
Pittsburgh, Pa., 15222, 355 Fifth Ave. Phone 471-0800.
Portland, Oreg., 97204, 217 Old U.S. Courthouse Bldg. Phone 226-3361.
Reno, Nev., 89502, 1479 Wells Ave. FA 2-7133.
Richmond, Va., 23240, 2105 Federal Bldg. Phone 649-3611.
St. Louis, Mo., 63103, 2511 Federal Bldg. MA 2-4243.
Salt Lake City, Utah, 84101, 222 SW. Temple St. Phone 524-5116.
San Francisco, Calif., 94111, Room 419 Customhouse. YU 6-3111.
Sanurce, Puerto Rico, 00907, 605 Condado Ave. Phone 723-4640.
Savannah, Ga., 31402, 235 U.S. Courthouse and P.O. Bldg. AD 2-4755.
Seattle, Wash., 98104, 809 Federal Office Bldg. MU 2-3300.

The Business Situation

THE GNP rose \$8½ billion from the fourth to the first quarter to reach a record \$608½ billion annual rate, according to preliminary estimates. The most recent quarterly advance in aggregate production fell short of the \$11½ billion increase from the third to the fourth quarter of 1963. However, final sales rose more than \$10 billion from the fourth to the first quarter, an increase not much different from the previous quarterly sales rise.

The opening 1964 quarter saw advances in government purchases and net exports and a large increase in consumer expenditures. Fixed investment was little changed from the fourth quarter rate. The regular GNP estimates, based on more complete data, will appear as usual next month.

Within the quarter the course of business was upward. The most comprehensive monthly measure of activity, personal income, continued its steady uptrend in March to reach a seasonally adjusted annual total of \$480.4 billion, a gain of about \$1½ billion over February. The rise was about equally divided between wages and salaries and other types of income. The payroll advance of \$0.8 billion, centering in commodity-producing industries, services, and government, reflected a moderate rise in nonfarm employment and a slight improvement in average weekly hours.

For the first 3 months of 1964 personal income was up by \$5.8 billion over the fourth quarter and \$25 billion over the opening quarter of 1963. While this year's first quarter gain was

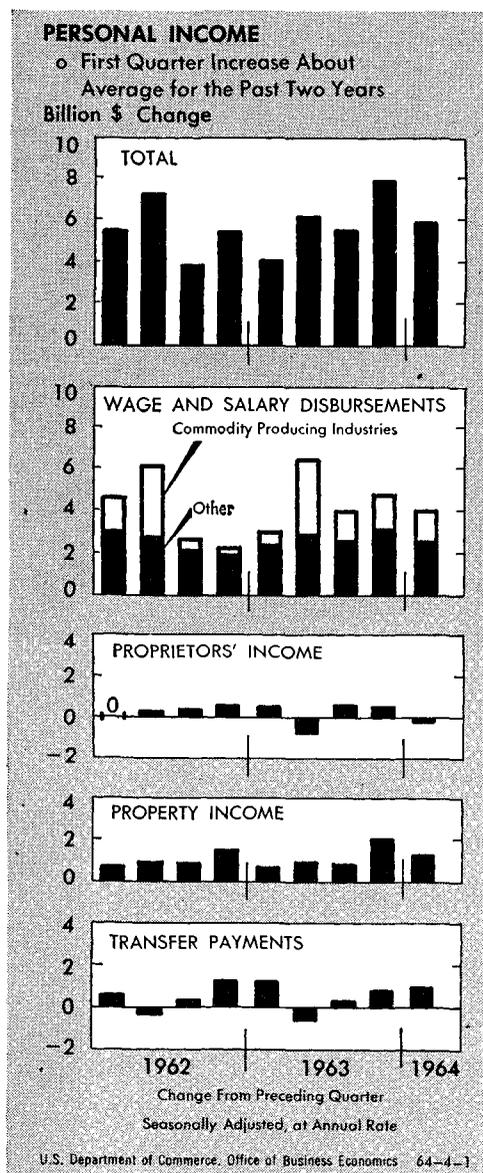
about average for the past 2 years, it did not match last year's fourth quarter advance of \$7.8 billion. Wages

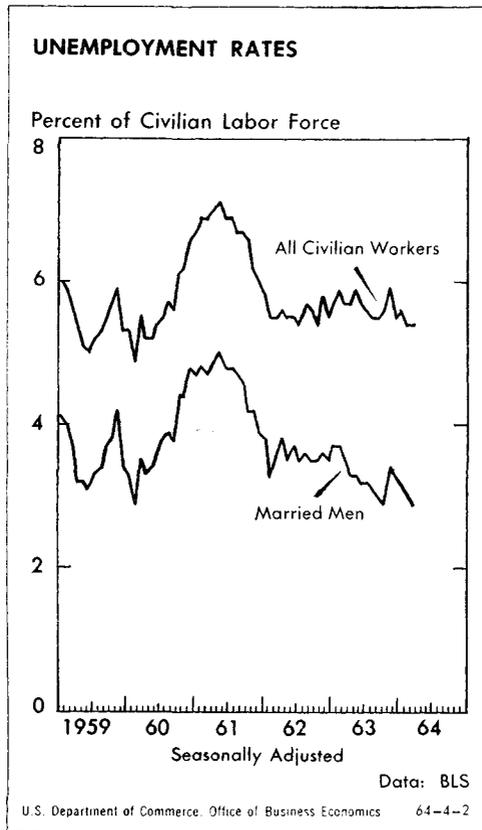
and salaries were up less than in the fourth quarter, with most of the difference attributable to a slower growth in government payrolls, which had received a large boost last fall from the military pay increase. Farm income was off because of lower farm prices, and dividends, which had been bolstered by unusually heavy yearend extras, resumed a more modest pace after the first of the year. Transfer payments rose about \$1 billion in the first quarter, somewhat more than in the previous quarter because of the large GI life insurance dividend paid out in January.

Industrial production slightly higher

Industrial production in March continued to rise at a slow pace with small seasonally adjusted increases in both durable and nondurable manufacturing. Mining output was lower because of a strike in midwestern coal fields. The durable goods advance reflected in part another good-sized increase in iron and steel production and modest increases in fabricated metals and machinery. Rising steel demand has brought iron and steel output about one-sixth above last autumn's low point and within 10 percent of last May's peak. Higher capital goods and consumer appliance demand have been the chief influences behind the continued pickup in the production of the machinery industries.

Motor vehicle and parts output in March was off slightly from the high February rate, with truck production holding up somewhat better than that





of automobiles. Car and truck assemblies for April are now expected by trade sources to rise more than seasonally above the March daily average rate.

Retail sales

Retail trade continues to be very good although the preliminary March data did not suggest an upward shift in buying as a result of the tax cut, which began to be reflected in increased take-home pay on March 5. On the contrary, the advance March monthly trade report looked somewhat low relative to February, if allowance is made for seasonal factors and the early Easter. There is little reason to doubt that as the spring season progresses, the stimulating influence of increased disposable income on retail trade will become evident.

Automobile sales in March, while very high, did not quite match the February pace. Dealer sales of domestically produced cars in March were a

little below the seasonally adjusted February rate of approximately 8 million. The 10-day reports suggested a progressive decline over the month, possibly because of special contests and promotions for the most popular models in February and early March.

Construction activity rising

March construction activity was up \$1¼ billion (annual rate) over February, with increases mainly in public construction and private residential building. After a \$2 billion rise from the third to the fourth quarter of 1963, first quarter activity rose only \$0.3 billion above the fourth quarter rate, due almost exclusively to residential construction. Prospects for further increases in construction outlays in the near-term are suggested by the very high seasonally adjusted rate of commercial and industrial contracts and by the continued high rate of residential building permits in January and February of this year.

Recent labor market changes

Civilian employment in March (based on households) continued at the record seasonally adjusted total of almost 70 million, a gain of about 1½ million over the year. The first quarter 1964 average was about one-half million higher than the fourth quarter—a rate of advance about double the quarterly increase in the second half of last year. Nonagricultural employment rose

700,000 from the fourth to the first quarter as agricultural employment continued to edge down.

The seasonally adjusted unemployment rate has not shown any marked improvement in the past 2 months but at 5.4 percent of the civilian labor force it has been a bit lower than it was during 1963. Last year the unemployment rate fluctuated in a rather narrow range between 5½ and 6 percent. In the first half of the year it averaged 5.8 percent, and in the latter half it eased to 5.6 percent.

Although the overall unemployment rate has shown only a slight easing in recent months, some shifts between groups are perceptible. As shown in the chart on page 2, the unemployment rate for married men has continued to decline. Somewhat comparable reductions have taken place in the largely overlapping groups of "males 20 years of age and over" and "experienced wage and salary workers." On the other hand, unemployment rates among adult female workers have been moving upward and are now higher than a year ago. (See table 1.) For the past few months the number of teenagers entering the labor force and teenage employment have been higher than in the latter part of 1963. Although there appears to have been a slight decrease in the teenage unemployment rate, the 1963 rate for this age-group was unusually high.

Table 1.—Selected Unemployment Rates

	1959	1960	1961	1962	1963	1963				1964
						I	II	III	IV	I
						(Seasonally adjusted)				
Unemployment rates (percent):										
Total civilian workers.....	5.5	5.6	6.7	5.6	5.7	5.8	5.8	5.5	5.7	5.5
Male—20 years and over.....	4.7	4.7	5.7	4.6	4.5	4.8	4.4	4.2	4.3	4.1
Female—20 years and over.....	5.2	5.1	6.3	5.4	5.4	5.4	5.1	5.5	5.5	5.6
Both sexes—14 to 19 years.....	13.2	13.6	15.2	13.3	15.6	14.8	16.4	15.3	15.8	14.4
Married men.....	3.6	3.7	4.6	3.6	3.4	3.6	3.3	3.1	3.2	3.0
Experienced wage and salary workers.....	5.6	5.7	6.8	5.5	5.5	5.7	5.5	5.4	5.5	5.2

Source: U.S. Department of Labor.

Size Distribution of Income in 1963

FAMILY personal income rose to \$441 billion in 1963 from \$420 billion in 1962, a gain of 5 percent. The rise in aggregate income was accompanied by a 1½ percent rise in the number of consumer units—families and unattached individuals—which reached 59 million. Average income per unit last year, at \$7,510, was 3½ percent or \$250 above the 1962 figure. The modal or most frequently received amount in 1963 was \$5,210, and the median—the middle of the income distribution—was \$6,140.

If allowance is made for the rise in consumer prices, last year's increase in average income is reduced to 1.9 percent. This may be compared with the long-term rate of growth of real income per consumer unit of 1.6 percent since 1929 and 1.9 percent since 1947.

The increased income flowing to the Nation's consumer units resulted in further upward movements along the income scale. In 1963, there were an estimated 12.3 million units classified at income levels above \$10,000. This compared with 11.3 million units in 1962. At the income levels of \$4,000 to \$10,000 the number of units also increased, from 29.0 million in 1962 to 29.5 million in 1963. The number of units classified at income levels below \$4,000 declined from 17.5 million in 1962 to 16.9 in 1963.

Real incomes continue to rise

In order to gain some perspective on long-term movements along the income scale, distributions adjusted for price changes, are preferable because such distributions hold constant the purchasing power of the dollar. On this basis, the number of units with incomes less than \$4,000 declined from an estimated 68 percent in 1929 to 29 percent in 1963. Last year

fully one half of the units had real incomes between \$4,000 and \$10,000 compared with 26 percent in 1929. Units with real income above \$10,000 increased from 6 percent in 1929 to 21 percent in 1963. The upward movement of units along the real income scale does not imply, of course, that all units participated equally in the rise. Diverse internal shifts are always occurring in the income distribution and the estimates presented can show only the net effect of such movements at a point in time. Moreover, there were still substantial numbers of families and individuals who had not shared in the rise or were still at income levels that did not permit the attainment of adequate living standards.

Relative distribution unchanged

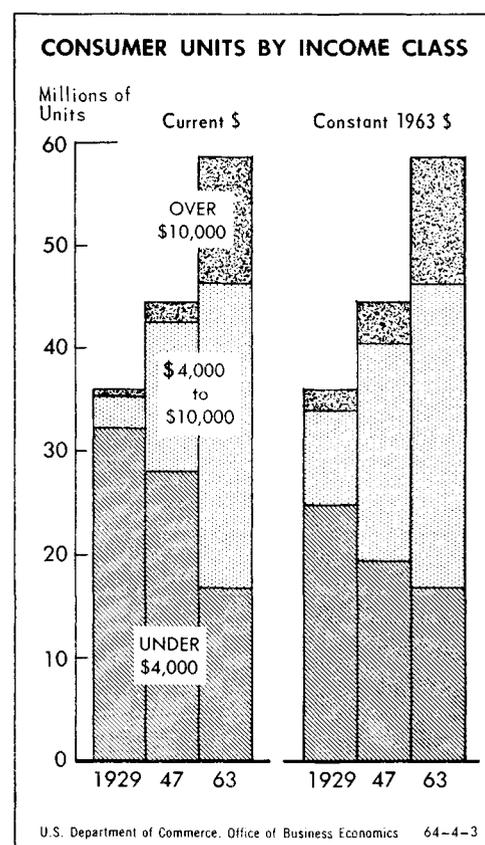
As noted in previous issues of the *Survey of Current Business* and in other available literature on the size distribution of income, the relative distribution of income has remained virtually constant over the post-war period. The recent data show a continuation of this near constancy. The lowest fifth of consumer units, for example, received 4.9 percent of total income in 1944, 5.0 percent in 1947, 4.8 percent in 1955 and 4.6 percent in 1963. These differences are well within measurement error. Similar stability is evident for other segments of the distribution.

Technical note

This issue of the *Survey* brings up to date the OBE series on size distribution which started with 1944 and which have appeared periodically since the mid-1950's. The distributions given in Table 4 for previous years were constructed from different sources, but incorporate the same

concepts and are roughly comparable.

In response to many requests for real income distributions covering the entire period, two new tables are included in this issue of the *Survey*. Tables 13 and 14 present, in terms of 1954 dollars, all available consumer unit distributions of family personal



income both before and after Federal income taxes.

The income concept incorporated in the estimates is that of family personal income. It differs slightly from the concept of personal income in the national income and product accounts in that adjustments have been made to exclude some income items which are part of the more comprehensive income total, but which do not flow to civilian

families or unattached individuals or are received by certain members of the armed forces. An account of the omitted items can be found in the Supplement to the *Survey* "Income Distribution in the United States, 1944-1950."

It is important to note that the

Table 1.—Average Family Personal Income Before and After Federal Individual Income Tax Liability and Average Annual Earnings Per Full-Time Employee

	Number of families and unattached individuals (millions)	Average (mean) personal income per family and unattached individuals				Average (mean) annual earnings per full-time employee (in current dollars)
		Before tax		After tax		
		In current dollars	In 1963 dollars ¹	In current dollars	In 1963 dollars ¹	
1929	36.1	\$2,340	\$4,300	\$2,320	\$4,270	\$1,405
1947	44.7	4,130	5,520	3,720	4,980	2,589
1948	46.3	4,350	5,500	4,010	5,080	2,795
1949	47.8	4,170	5,310	3,860	4,920	2,851
1950	48.9	4,440	5,580	4,070	5,110	3,008
1951	49.5	4,900	5,780	4,420	5,210	3,231
1952	50.2	5,120	5,920	4,570	5,280	3,414
1953	50.5	5,390	6,170	4,810	5,500	3,587
1954	51.2	5,360	6,070	4,840	5,480	3,670
1955	52.2	5,040	6,360	5,090	5,740	3,847
1956	52.8	6,010	6,660	5,400	5,990	4,036
1957	53.6	6,240	6,720	5,610	6,040	4,205
1958	54.6	6,280	6,640	5,670	5,990	4,346
1959	55.3	6,620	6,910	5,940	6,210	4,558
1960 ²	56.1	6,820	7,030	6,130	6,320	4,707
1961 ²	57.3	6,930	7,090	6,220	6,370	4,843
1962 ²	57.9	7,260	7,370	6,510	6,600	5,013
1963 ²	58.7	7,510	7,510	6,720	6,720	5,179

1. The price indexes used as deflators are those employed in deflating the personal consumption expenditure series in the national income accounts.

2. Includes Alaska and Hawaii.

income concept employed here differs from that used in the field surveys of size distribution conducted by the Bureau of the Census and incorporated in the 1964 "Economic Report of the President." The Census distributions are based on a money income concept and hence exclude imputed income items which are included in the more comprehensive personal income total. In addition, the present distributions have been adjusted to account for all money incomes, as estimated independently in the national income accounts.

In appraising the movement of units over the most recent period, it should be noted that the distributions given for 1962 and 1963 are essentially extrapolations from 1961, the last year for which Internal Revenue Service data are available. Data presented for the more recent years will be revised when additional IRS figures become available. In addition, much new information on the size distribution of income is currently being made available. Its incorporation into the estimates may necessitate revisions of the size distributions for current as well as past years.

Table 2.—Distribution of Consumer Units by Real Income Level

Family personal income in 1963 dollars (before income taxes)	Number of families and unattached individuals (millions)					
	1929	1941	1947	1950	1961 ¹	1963 ¹
Under \$2,000	11.1	11.1	7.1	8.1	7.2	6.7
\$2,000-\$3,999	13.9	11.8	12.4	13.1	10.8	10.2
\$4,000-\$5,999	5.6	9.2	11.8	12.6	11.9	11.7
\$6,000-\$7,999	2.4	4.9	6.0	7.2	10.4	10.6
\$8,000-\$9,999	1.1	1.9	3.2	3.4	6.4	7.2
\$10,000-\$14,999						
\$15,000 and over	2.0	2.5	2.7	2.8	6.7	7.7
			1.5	1.7	3.9	4.6
Total	36.1	41.4	44.7	48.9	57.3	58.7
Percent distribution						
Under \$2,000	30	27	16	16	12	11
\$2,000-\$3,999	38	28	28	27	19	18
\$4,000-\$5,999	16	22	26	26	21	20
\$6,000-\$7,999	7	12	14	15	18	18
\$8,000-\$9,999	3	5	7	7	11	12
\$10,000-\$14,999						
\$15,000 and over	6	6	6	6	12	13
			3	3	7	8
Total	100	100	100	100	100	100

1. Includes Alaska and Hawaii.

Table 3.—Distribution of Consumer Units and Their Income by Family Income Level

Family personal income (before income taxes)	Number of families and unattached individuals (millions)										Aggregate family personal income (billions of dollars)									
	1947	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹	1963 ¹	1947	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹	1963 ¹
Under \$2,000	11.1	8.2	7.7	7.6	7.7	7.5	7.3	7.4	7.0	6.7	13.2	9.3	8.7	8.6	8.6	8.4	8.2	8.3	7.7	7.4
\$2,000-\$3,999	17.1	13.3	12.2	11.9	12.1	11.4	11.1	11.1	10.6	10.2	51.2	40.7	37.4	36.2	37.1	34.8	33.8	33.8	32.2	31.1
\$4,000-\$5,999	9.2	13.6	13.6	13.0	13.0	12.4	12.2	12.2	11.8	11.7	44.5	67.7	67.5	64.6	64.8	61.6	60.8	60.8	59.1	58.4
\$6,000-\$7,999	3.8	8.5	8.8	9.3	9.4	9.9	10.2	10.4	10.5	10.6	26.0	58.2	61.0	64.3	64.9	68.5	70.5	71.9	73.2	74.1
\$8,000-\$9,999	1.5	3.7	4.5	5.0	5.1	5.7	5.9	6.1	6.7	7.2	13.3	32.5	39.7	44.3	45.1	50.5	52.6	54.4	59.6	64.0
\$10,000-\$14,999	1.2	3.1	3.8	4.3	4.7	5.3	5.9	6.4	7.1	7.7	14.3	36.9	45.6	51.9	55.9	63.2	71.2	76.2	85.1	92.0
\$15,000 and over	.8	1.8	2.2	2.5	2.6	3.1	3.5	3.7	4.2	4.6	22.1	48.9	57.5	64.7	66.9	78.8	85.2	91.6	103.5	113.7
Total	44.7	52.2	52.8	53.6	54.6	55.3	56.1	57.3	57.9	58.7	184.6	294.2	317.4	334.6	343.3	365.8	382.3	397.0	420.4	440.7
Percent distribution																				
Under \$2,000	25	16	15	14	14	13	13	13	12	11	7	3	3	3	3	2	2	2	2	2
\$2,000-\$3,999	38	25	23	22	22	21	20	19	18	18	28	14	12	11	11	10	9	9	8	7
\$4,000-\$5,999	20	26	26	24	24	22	21	21	20	20	24	23	21	19	17	16	15	14	14	13
\$6,000-\$7,999	9	16	17	18	17	18	18	18	18	18	14	20	19	19	19	19	18	18	17	17
\$8,000-\$9,999	3	7	8	9	9	10	10	11	12	12	7	11	13	13	13	14	14	14	14	14
\$10,000-\$14,999	3	6	7	8	9	10	11	11	12	13	8	12	14	16	16	17	19	19	20	21
\$15,000 and over	2	4	4	5	5	6	6	7	7	8	12	17	18	19	19	21	22	23	25	26
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

1. Includes Alaska and Hawaii.

Table 4.—Distribution of Consumer Units and Their Family Personal Income by Family Personal Income Level, Selected Years

Family personal income (before income taxes)	Number of families and unattached individuals (thousands)																			
	1929 ¹ (millions)	1935-36 ²	1941 ³	1944	1946	1947	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960 ³	1961 ³	1962 ³	
Under \$1,000	23.7	16,718	12,003	4,352	3,826	3,748	3,861	3,227	3,282	2,956	3,071	8,241	7,713	7,641	7,680	7,500	7,310	7,400	6,939	
\$1,000-\$1,999	6.0	13,121	12,381	8,108	7,606	7,370	7,464	6,022	5,687	5,554	5,889	5,917	5,397	5,374	5,510	5,294	5,171	5,205	4,926	
\$2,000-\$2,999	2.7	5,050	9,193	8,762	8,791	8,459	8,091	7,164	6,541	6,364	6,509	6,796	6,490	6,629	6,150	5,945	5,927	5,649	5,649	
\$3,000-\$3,999	1.3	1,702	4,089	7,723	8,590	8,628	8,586	8,192	7,636	7,061	7,291	7,339	6,796	6,490	6,629	6,150	5,945	5,927	5,649	
\$4,000-\$4,999	1.2	642	1,627	4,535	5,364	5,725	7,054	7,455	7,631	7,117	7,118	7,328	7,401	6,806	6,810	6,316	6,158	6,164	5,928	
\$5,000-\$5,999	1.2	604	1,170	2,515	3,065	3,474	4,694	5,580	6,072	6,152	6,032	6,321	6,241	6,201	6,228	6,042	6,003	6,015	5,897	
\$6,000-\$7,499	1.2	231	372	2,259	2,547	3,151	3,836	5,323	5,801	6,379	6,284	6,925	7,202	7,552	7,598	7,829	7,920	8,057	8,139	
\$7,500-\$9,999	1.2	231	372	1,385	1,751	2,170	2,758	3,390	4,121	4,768	4,734	5,203	6,115	6,779	6,879	7,730	8,138	8,402	9,081	
\$10,000-\$14,999	1.2	231	372	707	1,070	1,199	1,536	1,899	2,041	2,636	2,661	3,068	3,794	4,312	4,669	5,294	5,951	6,388	7,121	
\$15,000-\$19,999	1.2	231	372	246	332	386	414	523	598	734	745	883	1,112	1,289	1,372	1,738	1,946	2,112	2,112	
\$20,000-\$24,999	1.2	231	372	108	143	167	218	274	316	308	313	378	432	495	518	590	652	700	700	
\$25,000-\$49,999	1.2	231	372	140	191	208	294	336	384	383	397	452	512	564	577	637	694	736	736	
\$50,000 and over	1.2	231	372	40	54	55	84	95	100	98	106	115	135	147	150	180	172	184	184	
Total	36.1	38,410	41,370	40,880	43,330	44,740	48,890	49,480	50,210	50,510	51,150	52,170	52,850	53,650	54,620	55,300	56,060	57,290	57,890	
Percent distribution																				
Under \$1,000	65	43.5	29.0	10.7	8.8	8.4	7.9	6.5	6.5	5.9	6.0	15.8	14.6	14.2	14.1	13.6	13.1	12.9	12.0	
\$1,000-\$1,999	17	34.2	29.9	19.8	17.6	16.5	15.3	12.2	11.3	11.0	11.5	11.3	10.2	10.0	10.1	9.6	9.2	9.1	8.5	
\$2,000-\$2,999	8	13.1	22.3	21.4	20.3	18.9	16.6	14.5	13.0	12.6	12.7	11.3	10.2	10.0	10.1	9.6	9.2	9.1	8.5	
\$3,000-\$3,999	4	4.4	9.8	18.9	19.8	19.3	17.6	16.5	15.2	14.0	14.3	14.1	12.9	12.1	12.1	11.1	10.6	10.3	9.8	
\$4,000-\$4,999	4	1.7	4.0	11.1	12.4	12.8	14.4	15.1	15.2	14.1	13.9	14.0	14.0	12.7	12.5	11.4	11.0	10.8	10.2	
\$5,000-\$5,999	2	1.6	2.8	6.2	7.1	7.8	9.6	11.3	12.1	12.2	11.8	12.1	11.8	11.6	11.4	10.9	10.7	10.5	10.2	
\$6,000-\$7,499	3	1.6	2.8	5.5	5.9	7.0	7.9	10.7	11.6	12.6	12.3	13.3	13.6	14.1	13.9	14.1	14.1	14.1	14.1	
\$7,500-\$9,999	3	1.6	2.8	3.4	4.0	4.8	5.6	6.8	8.2	9.4	9.2	10.0	11.6	12.6	12.6	14.0	14.5	14.7	15.7	
\$10,000-\$14,999	1	1.7	2.5	1.7	2.5	2.7	3.1	3.8	4.1	5.2	5.2	5.9	7.2	8.0	8.5	9.6	10.6	11.1	12.3	
\$15,000-\$19,999	1	1.7	2.5	0.6	0.8	0.9	0.8	1.1	1.2	1.4	1.5	1.7	2.1	2.4	2.5	3.1	3.5	3.7	3.7	
\$20,000-\$24,999	1	1.7	2.5	0.3	0.3	0.4	0.4	0.6	0.6	0.6	0.6	0.7	0.8	0.9	0.9	1.1	1.2	1.2	1.2	
\$25,000-\$49,999	1	1.7	2.5	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3	
\$50,000 and over	1	1.7	2.5	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	
Total	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Aggregate family personal income (millions of dollars)																				
Under \$1,000	26.0	9,654	6,964	2,390	2,017	1,973	1,943	1,680	1,688	1,518	1,571	9,326	8,688	8,584	8,585	8,377	8,172	8,271	7,728	
\$1,000-\$1,999	14.7	18,781	18,529	12,338	11,570	11,251	11,333	9,084	8,627	8,438	8,951	14,871	13,555	13,483	13,847	13,282	12,998	13,066	12,364	
\$2,000-\$2,999	9.4	5,787	13,982	21,938	22,007	21,176	20,273	17,945	16,411	15,998	16,345	25,815	23,879	22,758	23,252	21,564	20,849	20,768	19,798	
\$3,000-\$3,999	5.7	2,530	7,237	20,261	23,956	25,583	31,533	33,552	34,305	32,057	32,055	33,021	33,321	30,623	30,597	28,401	27,740	27,726	26,690	
\$4,000-\$4,999	3.8	3,612	6,938	13,739	16,725	18,957	25,603	30,502	33,200	33,702	33,033	34,648	34,208	33,980	34,207	33,204	33,009	33,065	32,397	
\$5,000-\$5,999	8.3	1,982	3,201	14,942	16,833	20,812	25,578	35,596	38,759	42,611	41,947	46,311	48,165	50,472	50,877	52,566	53,183	54,183	54,767	
\$6,000-\$7,499	8.3	1,982	3,201	11,802	14,905	18,454	23,364	28,531	34,660	40,707	40,333	44,468	52,484	58,152	59,111	66,387	69,889	72,139	78,035	
\$7,500-\$9,999	8.3	1,982	3,201	11,802	14,905	18,454	23,364	28,531	34,660	40,707	40,333	44,468	52,484	58,152	59,111	66,387	69,889	72,139	78,035	
\$10,000-\$14,999	16.4	7,786	11,862	8,483	12,784	14,300	18,310	22,617	24,212	31,561	31,856	36,915	45,668	51,883	55,862	63,168	71,197	76,194	85,081	
\$15,000-\$19,999	16.4	7,786	11,862	4,215	5,692	6,586	7,083	8,933	10,214	12,557	12,749	15,129	19,081	22,117	23,515	29,630	33,251	35,948	35,948	
\$20,000-\$24,999	16.4	7,786	11,862	2,395	3,165	3,700	4,826	6,063	6,986	6,821	6,931	8,382	9,611	11,006	11,511	13,100	14,469	15,520	15,520	
\$25,000-\$49,999	16.4	7,786	11,862	4,651	6,308	6,879	9,743	11,097	12,633	12,793	13,294	15,140	17,242	18,953	19,178	21,056	22,811	24,228	24,228	
\$50,000 and over	16.4	7,786	11,862	3,607	4,837	4,902	7,690	8,356	8,675	8,606	9,276	10,213	11,546	12,636	12,715	15,060	14,683	15,884	15,884	
Total	84.3	62,654	91,406	147,721	170,705	184,598	217,262	242,652	257,162	272,186	273,956	294,239	317,448	334,647	343,257	365,795	382,251	396,992	420,412	
Average (mean) family personal income	\$2,340	\$1,631	\$2,209	\$3,614	\$3,940	\$4,126	\$4,444	\$4,904	\$5,122	\$5,389	\$5,356	\$5,640	\$6,007	\$6,238	\$6,284	\$6,615	\$6,819	\$6,930	\$7,262	
Percent distribution																				
Under \$1,000	31	15.4	7.6	1.6	1.2	1.1	0.9	0.7	0.7	0.6	0.6	3.2	2.7	2.6	2.5	2.3	2.1	2.1	1.8	
\$1,000-\$1,999	17	30.0	20.3	8.4	6.8	6.1	5.2	3.7	3.3	3.1	3.3	5.1	4.3	4.0	4.0	3.6	3.4	3.3	3.0	
\$2,000-\$2,999	11	19.5	24.8	14.9	12.9	11.5	9.3	7.4	6.4	5.9	6.0	8.8	7.5	6.8	6.8	5.9	5.5	5.2	4.7	
\$3,000-\$3,999	7	9.2	15.3	18.3	17.5	16.3	13.8	11.8	10.4	9.1	9.4	8.8	7.5	6.8	6.8	5.9	5.5	5.2	4.7	
\$4,000-\$4,999	7	4.5	7.9	13.7	14.0	13.8	14.5	13.8	13.3	11.8	11.7	11.2	10.5	9.1	8.9	7.8	7.3	7.0	6.4	
\$5,000-\$5,999	5	5.8	7.6	9.3	9.8	10.2	11.8	12.6	12.9	12.4	12.1	11.8	10.8	10.1	10.0	9.1	8.6	8.3	7.7	
\$6,000-\$7,499	10	5.8	7.6	10.1	9.9	11.3	11.8	14.7	15.1	15.6	15.3	15.8	15.2	15.1	14.8	14.4	13.9	13.6	13.0	
\$7,500-\$9,999	10	5.8	7.6	8.0	8.7	10.0	10.8	11.8	13.5	14.9	14.7	15.1	16.5	17.4	17.2	18.1	18.3	18.2	18.6	
\$10,000-\$14,999	19	12.4	13.0	5.7	7.5	7.7	8.4	9.3	9.4	11.6	11.6	12.5	14.4	15.5	16.3	17.3	18.6	19.2	20.2	
\$15,000-\$19,999	19	12.4	13.0	2.9	3.3</															

Table 5.—Distribution of Families and Their Family Personal Income by Family Personal Income Level, 1955-62

Family personal income (before income taxes)	Number of families (thousands)								Aggregate family personal income (millions of dollars)							
	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹
Under \$2,000.....	3,948	3,664	3,573	3,511	3,502	3,370	3,448	3,217	4,890	4,700	4,376	4,281	4,254	4,105	4,198	3,907
\$2,000-\$2,999.....	3,808	3,345	3,279	3,339	3,178	3,088	3,091	2,902	9,636	8,446	8,261	8,444	8,020	7,832	7,794	7,335
\$3,000-\$3,999.....	5,862	5,278	4,869	4,911	4,406	4,169	4,097	3,835	20,703	18,617	17,135	17,293	15,506	14,687	14,412	13,494
\$4,000-\$4,999.....	6,561	6,539	5,827	5,733	5,175	4,936	4,841	4,592	29,609	29,491	26,276	25,822	23,326	22,298	21,830	20,717
\$5,000-\$5,999.....	5,943	5,788	5,660	5,627	5,396	5,319	5,262	5,075	32,599	31,745	31,040	30,930	29,673	29,271	28,951	27,948
\$6,000-\$7,499.....	6,704	6,935	7,228	7,226	7,392	7,419	7,481	7,487	44,843	46,393	48,327	48,419	49,667	49,865	50,372	50,436
\$7,500-\$9,999.....	5,065	5,954	6,586	6,664	7,493	7,876	8,102	8,730	43,292	51,116	56,501	57,274	64,365	67,660	69,595	75,057
\$10,000-\$14,999.....	3,002	3,714	4,217	4,562	5,170	5,811	6,226	6,941	36,136	44,720	50,761	54,505	61,712	69,544	74,280	82,956
\$15,000-\$19,999.....	864	1,089	1,264	1,344	1,707	1,912	2,075	2,075	14,805	18,698	21,679	23,031	29,102	32,678	35,310	39,424
\$20,000-\$24,999.....	367	421	483	506	577	638	685	685	8,140	9,368	10,744	11,231	12,809	14,159	15,178	16,424
\$25,000-\$49,999.....	436	495	544	555	613	669	708	708	14,596	16,651	18,273	18,434	20,255	21,953	23,292	24,424
\$50,000 and over.....	110	128	140	142	171	163	174	174	9,690	10,951	11,963	11,973	14,253	13,808	14,913	15,424
Total.....	42,670	43,350	43,670	44,120	44,780	45,370	46,190	46,890	268,939	293,636	305,336	311,727	332,942	347,830	360,125	382,215
Average (mean) family personal income.....									\$6,363	\$6,706	\$6,992	\$7,065	\$7,435	\$7,667	\$7,797	\$8,151
	Percent distribution															
Under \$2,000.....	9.3	8.4	8.2	8.0	7.8	7.4	7.5	6.9	1.8	1.6	1.5	1.4	1.3	1.2	1.2	1.0
\$2,000-\$2,999.....	8.9	7.7	7.5	7.6	7.1	6.8	6.7	6.2	3.6	2.9	2.7	2.7	2.4	2.3	2.2	1.9
\$3,000-\$3,999.....	13.7	12.2	11.1	11.1	9.8	9.2	8.9	8.2	7.7	6.4	5.6	5.6	4.7	4.2	4.0	3.5
\$4,000-\$4,999.....	15.4	15.1	13.3	13.0	11.6	10.9	10.5	9.8	11.0	10.1	8.6	8.3	7.0	6.4	6.1	5.4
\$5,000-\$5,999.....	13.9	13.4	13.0	12.7	12.0	11.7	11.3	10.8	12.1	10.9	10.2	9.9	8.9	8.4	8.0	7.3
\$6,000-\$7,499.....	15.7	16.0	16.6	16.4	16.5	16.3	16.2	16.0	16.7	16.0	15.8	15.5	14.9	14.3	14.0	13.2
\$7,500-\$9,999.....	11.9	13.7	15.1	15.1	16.7	17.4	17.5	18.6	16.1	17.6	18.5	18.4	19.3	19.4	19.3	19.7
\$10,000-\$14,999.....	7.0	8.6	9.7	10.3	11.6	12.8	13.5	14.8	13.5	15.4	16.6	17.5	18.5	20.0	20.6	21.7
\$15,000-\$19,999.....	2.0	2.5	2.9	3.0	3.8	4.2	4.5	4.5	5.5	6.4	7.1	7.4	8.7	9.4	9.8	10.2
\$20,000-\$24,999.....	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.5	3.0	3.2	3.5	3.6	3.9	4.1	4.2	4.3
\$25,000-\$49,999.....	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.5	5.4	5.7	6.0	5.9	6.1	6.3	6.5	6.7
\$50,000 and over.....	.3	.3	.3	.3	.4	.4	.4	.4	3.6	3.8	3.9	3.8	4.3	4.0	4.1	4.1
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Includes Alaska and Hawaii.

Table 6.—Distribution of Unattached Individuals and Their Family Personal Income by Family Personal Income Level, 1955-62

Family personal income (before income taxes)	Number of unattached individuals (thousands)								Aggregate family personal income (millions of dollars)							
	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹
Under \$2,000.....	4,293	4,049	4,068	4,169	3,998	3,939	3,952	3,722	4,436	4,188	4,209	4,304	4,123	4,066	4,073	3,823
\$2,000-\$2,999.....	2,109	2,052	2,095	2,171	2,115	2,083	2,113	2,024	5,235	5,109	5,222	5,403	5,262	5,197	5,273	5,051
\$3,000-\$3,999.....	1,477	1,517	1,621	1,718	1,744	1,776	1,830	1,813	5,112	5,262	5,623	5,959	6,058	6,162	6,355	6,307
\$4,000-\$4,999.....	767	863	980	1,077	1,141	1,222	1,323	1,335	3,412	3,850	4,347	4,775	5,075	5,442	5,896	5,975
\$5,000-\$5,999.....	378	453	540	601	647	684	753	823	2,048	2,463	2,940	3,277	3,531	3,738	4,114	4,479
\$6,000-\$7,499.....	221	268	324	371	438	502	576	653	1,468	1,772	2,145	2,458	2,899	3,317	3,811	4,332
\$7,500-\$9,999.....	138	161	193	215	237	262	300	351	1,176	1,368	1,651	1,837	2,022	2,228	2,544	2,973
\$10,000-\$14,999.....	66	81	95	107	124	141	163	180	779	948	1,121	1,267	1,456	1,654	1,914	2,125
\$15,000-\$19,999.....	19	22	25	28	31	33	37	37	324	383	438	484	527	573	638	703
\$20,000-\$24,999.....	11	11	12	13	13	14	15	15	242	243	262	280	291	311	342	372
\$25,000-\$49,999.....	16	17	20	22	24	25	28	28	545	591	680	744	802	858	936	1,012
\$50,000 and over.....	5	6	7	8	8	9	10	10	523	595	673	742	807	875	971	1,071
Total.....	9,500	9,500	9,980	10,500	10,520	10,690	11,100	11,000	25,300	26,752	29,311	31,530	32,853	34,421	36,867	38,197
Average (mean) family personal income.....									\$2,663	\$2,816	\$2,937	\$3,003	\$3,123	\$3,220	\$3,321	\$3,472
	Percent distribution															
Under \$2,000.....	45.2	42.6	40.8	39.7	38.0	36.9	35.6	33.8	17.5	15.7	14.4	13.6	12.6	11.8	11.1	10.0
\$2,000-\$2,999.....	22.2	21.6	21.0	20.7	20.1	19.5	19.1	18.4	20.7	19.1	17.8	17.1	16.0	15.1	14.3	13.2
\$3,000-\$3,999.....	15.5	16.0	16.2	16.4	16.6	16.6	16.5	16.5	20.2	19.7	19.2	18.9	18.4	17.9	17.3	16.5
\$4,000-\$4,999.....	8.1	9.1	9.8	10.3	10.8	11.4	11.9	12.1	13.4	14.3	14.8	15.2	15.5	15.5	16.0	15.7
\$5,000-\$5,999.....	4.0	4.8	5.4	5.7	6.1	6.4	6.8	7.5	8.1	9.2	10.0	10.4	10.7	10.9	11.2	11.7
\$6,000-\$7,499.....	2.3	2.8	3.2	3.5	4.2	4.7	5.2	5.9	5.8	6.6	7.3	7.8	8.8	9.6	10.3	11.3
\$7,500-\$9,999.....	1.4	1.7	1.9	2.0	2.3	2.5	2.7	3.2	4.6	5.1	5.7	5.8	6.2	6.5	6.9	7.8
\$10,000-\$14,999.....	.7	.8	1.0	1.0	1.2	1.3	1.5	1.6	3.1	3.6	3.8	4.0	4.4	4.8	5.2	5.6
\$15,000-\$19,999.....	.2	.2	.3	.3	.3	.3	.3	.3	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.7
\$20,000-\$24,999.....	.1	.1	.1	.1	.1	.1	.1	.1	1.0	.9	.9	.9	.9	.9	.9	.9
\$25,000-\$49,999.....	.2	.2	.2	.2	.2	.2	.2	.2	2.2	2.2	2.3	2.4	2.4	2.5	2.5	2.5
\$50,000 and over.....	.1	.1	.1	.1	.1	.1	.1	.1	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.6
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Includes Alaska and Hawaii.

Table 7.—Distribution of Farm Operator Families and Their Family Personal Income by Family Personal Income Level, 1955-62

Family personal income (before income taxes)	Number of farm operator families (thousands)								Aggregate family personal income (millions of dollars)							
	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹
Under \$2,000	1,600	1,508	1,427	1,216	1,293	1,160	1,054	945	1,996	1,887	1,793	1,552	1,634	1,482	1,357	1,228
\$2,000-\$2,999	972	944	911	850	859	813	771	722	2,409	2,339	2,258	2,109	2,127	2,020	1,917	1,800
\$3,000-\$3,999	772	754	736	699	695	666	634	606	2,680	2,622	2,562	2,435	2,421	2,323	2,209	2,113
\$4,000-\$4,999	546	536	529	542	515	517	522	509	2,447	2,402	2,366	2,422	2,300	2,314	2,334	2,282
\$5,000-\$5,999	383	387	389	408	386	390	388	384	2,093	2,116	2,127	2,236	2,108	2,138	2,124	2,104
\$6,000-\$7,499	336	344	353	407	362	391	405	418	2,292	2,202	2,354	2,719	2,418	2,613	2,706	2,799
\$7,500-\$9,999	240	249	255	310	264	298	328	359	2,059	2,130	2,189	2,653	2,265	2,544	2,795	3,067
\$10,000-\$14,999	153	158	164	200	170	193	211	232	1,830	1,896	1,957	2,387	2,032	2,297	2,511	2,769
\$15,000-\$19,999	42	44	46	60	49	57	64	721	751	787	1,016	837	974	1,098	1,098	1,098
\$20,000-\$24,999	18	19	19	24	20	23	25	137	395	410	427	537	450	517	530	530
\$25,000-\$49,999	21	21	22	27	23	26	28	694	720	714	872	744	838	925	925	925
\$50,000 and over	4	5	5	6	5	6	6	371	387	431	530	451	510	554	554	554
Total	5,087	4,969	4,856	4,749	4,641	4,540	4,436	4,312	19,927	19,952	19,965	21,468	19,787	20,570	21,080	21,625
Average (mean) family personal income									\$3,917	\$4,015	\$4,111	\$4,521	\$4,264	\$4,531	\$4,752	\$5,015
Percent distribution																
Under \$2,000	31.5	30.3	29.4	25.6	27.8	25.5	23.8	21.9	10.0	9.5	9.0	7.2	8.3	7.2	6.4	5.7
\$2,000-\$2,999	19.1	19.0	18.8	17.9	18.5	17.9	17.4	16.8	12.1	11.7	11.3	9.8	10.7	9.8	9.1	8.3
\$3,000-\$3,999	15.2	15.2	15.1	14.7	15.0	14.7	14.3	14.0	13.4	13.1	12.8	11.3	12.2	11.3	10.5	9.8
\$4,000-\$4,999	10.7	10.8	10.9	11.4	11.1	11.4	11.8	11.8	12.3	12.0	11.8	11.3	11.6	11.2	11.1	10.6
\$5,000-\$5,999	7.5	7.8	8.0	8.6	8.3	8.6	8.7	8.9	10.5	10.6	10.7	10.4	10.7	10.4	10.1	9.7
\$6,000-\$7,499	6.6	6.9	7.3	8.6	7.8	8.6	9.1	9.7	11.2	11.5	11.8	12.7	12.2	12.7	12.8	12.9
\$7,500-\$9,999	4.7	5.0	5.3	6.5	5.7	6.6	7.4	8.3	10.3	10.7	11.0	12.4	11.4	12.4	13.3	14.2
\$10,000-\$14,999	3.0	3.2	3.4	4.2	3.7	4.2	4.8	5.4	9.2	9.5	9.8	11.1	10.3	11.2	11.9	12.8
\$15,000-\$19,999	.8	.9	.9	1.3	1.1	1.3	1.4	1.4	3.6	3.8	3.9	4.7	4.2	4.7	5.2	5.2
\$20,000-\$24,999	.4	.4	.4	.5	.4	.5	.6	.6	2.0	2.1	2.1	2.5	2.3	2.5	2.6	2.6
\$25,000-\$49,999	.4	.4	.4	.6	.5	.6	.6	3.2	3.5	3.6	3.6	4.1	3.8	4.1	4.4	4.4
\$50,000 and over	.1	.1	.1	.1	.1	.1	.1	.1	1.9	1.9	2.2	2.5	2.3	2.5	2.6	2.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Includes Alaska and Hawaii.

Table 8.—Distribution of Nonfarm Families and Their Family Personal Income by Family Personal Income Level, 1955-62

Family personal income (before income taxes)	Number of nonfarm families (thousands)								Aggregate family personal income (millions of dollars)							
	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹	1955	1956	1957	1958	1959	1960 ¹	1961 ¹	1962 ¹
Under \$2,000	2,347	2,156	2,146	2,295	2,209	2,210	2,394	2,272	2,894	2,612	2,583	2,729	2,620	2,624	2,842	2,677
\$2,000-\$2,999	2,837	2,401	2,368	2,489	2,320	2,275	2,320	2,180	7,227	6,107	6,003	6,335	5,893	5,782	5,876	5,513
\$3,000-\$3,999	5,090	4,525	4,133	4,213	3,711	3,503	3,463	3,229	18,023	15,995	14,573	14,858	13,085	12,363	12,204	11,378
\$4,000-\$4,999	6,015	6,002	5,298	5,191	4,660	4,419	4,319	4,083	27,163	27,090	23,910	23,400	21,020	19,985	19,496	18,433
\$5,000-\$5,999	5,500	5,400	5,271	5,219	5,010	4,929	4,874	4,691	30,507	29,629	28,914	28,093	27,565	27,133	26,826	25,815
\$6,000-\$7,499	6,368	6,591	6,873	6,819	7,029	7,028	7,076	7,068	42,610	44,101	45,873	45,700	47,249	47,252	47,066	47,637
\$7,500-\$9,999	4,825	5,706	6,330	6,354	7,229	7,578	7,775	8,372	41,233	48,986	54,312	54,621	62,100	65,116	66,800	71,990
\$10,000-\$14,999	2,850	3,555	4,054	4,361	5,000	5,618	6,015	6,709	34,305	42,824	48,804	52,208	59,680	67,246	71,769	80,187
\$15,000-\$19,999	822	1,046	1,218	1,284	1,658	1,855	2,010	2,100	14,084	17,947	20,892	22,016	28,266	31,705	34,212	34,212
\$20,000-\$24,999	349	402	464	482	557	615	660	660	7,746	8,957	10,317	10,694	12,359	13,641	14,628	14,628
\$25,000-\$49,999	415	473	522	528	590	643	680	3,974	13,902	15,932	17,559	17,562	19,510	21,115	22,367	22,367
\$50,000 and over	105	124	135	136	166	157	168	168	9,318	10,564	11,531	11,443	13,802	13,298	14,359	14,359
Total	37,583	38,381	38,814	39,371	40,139	40,830	41,754	42,578	249,012	270,744	285,371	290,259	313,155	327,260	339,045	360,590
Average (mean) family personal income									\$6,626	\$7,054	\$7,352	\$7,372	\$7,802	\$8,015	\$8,120	\$8,469
Percent distribution																
Under \$2,000	6.3	5.6	5.5	5.8	5.5	5.4	5.7	5.3	1.2	1.0	0.9	0.9	0.8	0.8	0.8	0.7
\$2,000-\$2,999	7.6	6.3	6.1	6.3	5.8	5.6	5.6	5.1	2.9	2.3	2.1	2.2	1.9	1.8	1.7	1.5
\$3,000-\$3,999	13.5	11.8	10.7	10.7	9.2	8.6	8.3	7.6	7.2	5.9	5.1	5.1	4.2	3.8	3.6	3.2
\$4,000-\$4,999	16.0	15.6	13.7	13.2	11.6	10.8	10.3	9.6	10.9	10.0	8.4	8.1	6.7	6.1	5.8	5.1
\$5,000-\$5,999	14.8	14.1	13.6	13.3	12.5	12.1	11.7	11.0	12.2	10.9	10.1	9.9	8.8	8.3	7.9	7.2
\$6,000-\$7,499	16.9	17.2	17.7	17.3	17.5	17.2	17.0	16.6	17.1	16.3	16.1	15.7	15.1	14.4	14.1	13.2
\$7,500-\$9,999	12.8	14.9	16.3	16.1	18.0	18.5	18.6	19.7	16.6	18.1	19.0	18.8	19.8	19.9	19.7	20.0
\$10,000-\$14,999	7.6	9.3	10.4	11.1	12.5	13.8	14.4	15.8	13.8	15.8	17.1	18.0	19.1	20.5	21.2	22.2
\$15,000-\$19,999	2.2	2.7	3.1	3.3	4.1	4.5	4.8	5.7	5.7	6.6	7.3	7.6	9.0	9.7	10.1	10.1
\$20,000-\$24,999	.9	1.0	1.2	1.2	1.4	1.5	1.6	1.6	3.1	3.3	3.6	3.7	4.0	4.2	4.3	4.3
\$25,000-\$49,999	1.1	1.2	1.3	1.3	1.5	1.6	1.6	1.6	5.6	5.9	6.2	6.0	6.2	6.4	6.6	6.6
\$50,000 and over	.3	.3	.4	.4	.4	.4	.4	.4	3.7	3.9	4.1	4.0	4.4	4.1	4.2	4.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Includes Alaska and Hawaii.

Table 9.—Number of Consumer Units and Persons, and Aggregate and Average Family Personal Income, 1955-62

Year	Families and unattached individuals						Families						Unattached individuals		
	Number of consumer units (millions)	Number of persons		Family personal income			Number of families (millions)	Number of persons		Family personal income			Number of unattached individuals (millions)	Family personal income	
		Total (millions)	Average number per consumer unit	Amount (billions of dollars)	Average income			Total (millions)	Average number per family	Amount (billions of dollars)	Per family (dollars)	Per capita (dollars)		Amount (billions of dollars)	Per capita (dollars)
					Per consumer unit (dollars)	Per capita (dollars)									
1955.....	52.2	162.7	3.12	294.2	5,640	1,808	42.7	153.2	3.59	268.9	6,303	1,755	9.5	25.3	2.66
1956.....	52.8	165.8	3.14	317.4	6,007	1,915	43.4	156.3	3.60	290.7	6,706	1,880	9.5	26.8	2.81
1957.....	53.6	169.0	3.15	334.6	6,238	1,980	43.7	159.0	3.64	305.3	6,992	1,920	10.0	29.3	2.93
1958.....	54.6	172.1	3.15	343.3	6,284	1,995	44.1	161.6	3.66	311.7	7,065	1,930	10.5	31.5	3.00
1959.....	55.3	175.1	3.17	365.8	6,615	2,090	44.8	164.5	3.67	332.9	7,435	2,023	10.5	32.9	3.12
1960 ¹	56.1	178.8	3.19	382.3	6,819	2,137	45.4	168.1	3.71	347.8	7,667	2,069	10.7	34.4	3.22
1961 ¹	57.3	181.0	3.16	397.0	6,930	2,193	46.2	169.9	3.68	360.1	7,797	2,119	11.1	36.9	3.32
1962 ¹	57.9	183.8	3.18	420.4	7,262	2,287	46.9	172.8	3.69	382.2	8,151	2,211	11.0	38.2	3.47

1. Includes Alaska and Hawaii.

Table 10.—Distribution of Family Personal Income and Federal Individual Income Tax Liability Among Quintiles and Top 5 Percent of Consumer Units 1955-62¹

Quintile	Percent distribution of—			Mean amount of—			Tax rate (percent)	Lower income limit of quintile ²		Median ²	Mode ²
	Family personal income	Tax liability	After-tax income	Family personal income (dollars)	Tax liability (dollars)	After-tax income (dollars)		Before-tax basis (dollars)	After-tax basis (dollars)		
1955: Lowest.....	4.8	1.4	5.2	1,355	39	1,316	2.9	—	—	—	—
2.....	11.3	6.0	11.9	3,200	165	3,035	5.1	2,390	2,280	—	—
3.....	16.4	10.9	17.0	4,634	298	4,336	6.4	3,920	3,710	—	—
4.....	22.3	18.9	22.7	6,290	520	5,770	8.3	5,370	4,980	—	—
Highest.....	45.2	62.8	43.2	12,722	1,728	10,994	13.6	7,410	6,750	—	—
Total	100.0	100.0	100.0	5,640	550	5,090	9.8	—	—	4,640	4,000
Top 5 percent.....	20.3	39.2	18.2	22,893	4,317	18,576	18.9	13,070	11,780	—	—
1956: Lowest.....	4.8	1.5	5.2	1,437	46	1,391	3.2	—	—	—	—
2.....	11.3	6.2	11.9	3,403	188	3,215	5.5	2,540	2,420	—	—
3.....	16.3	11.0	16.9	4,898	333	4,565	6.8	4,170	3,920	—	—
4.....	22.3	19.0	22.6	6,691	571	6,120	8.5	5,680	5,240	—	—
Highest.....	45.3	62.3	43.4	13,604	1,880	11,724	13.8	7,960	7,260	—	—
Total	100.0	100.0	100.0	6,007	604	5,403	10.0	—	—	4,890	4,340
Top 5 percent.....	20.2	38.5	18.1	24,210	4,653	19,558	19.2	13,960	12,480	—	—
1957: Lowest.....	4.7	1.5	5.0	1,462	48	1,413	3.3	—	—	—	—
2.....	11.1	6.2	11.7	3,471	196	3,275	5.6	2,590	2,460	—	—
3.....	16.3	11.3	16.9	5,087	356	4,731	7.0	4,280	4,020	—	—
4.....	22.4	18.9	22.8	6,983	596	6,386	8.5	5,940	5,470	—	—
Highest.....	45.5	62.1	43.6	14,185	1,954	12,232	13.8	8,320	7,590	—	—
Total	100.0	100.0	100.0	6,238	630	5,603	10.1	—	—	5,080	4,340
Top 5 percent.....	20.2	38.3	18.1	25,139	4,822	20,317	19.2	14,580	12,990	—	—
1958: Lowest.....	4.7	1.5	5.0	1,472	45	1,427	3.0	—	—	—	—
2.....	11.0	6.0	11.6	3,480	186	3,294	5.3	2,610	2,490	—	—
3.....	16.3	11.5	16.8	5,115	353	4,762	6.9	4,290	4,030	—	—
4.....	22.5	19.1	22.9	7,063	587	6,476	8.3	5,970	5,520	—	—
Highest.....	45.5	61.9	43.7	14,292	1,905	12,387	13.3	8,450	7,730	—	—
Total	100.0	100.0	100.0	6,284	615	5,669	9.8	—	—	5,100	4,240
Top 5 percent.....	20.0	37.6	18.1	25,124	4,628	20,495	18.4	14,700	13,080	—	—
1959: Lowest.....	4.6	1.5	4.9	1,513	51	1,462	3.4	—	—	—	—
2.....	10.9	6.1	11.5	3,615	207	3,407	5.7	2,690	2,550	—	—
3.....	16.3	11.8	16.8	5,396	397	4,999	7.4	4,500	4,210	—	—
4.....	22.6	19.0	23.0	7,474	642	6,832	8.6	6,320	5,800	—	—
Highest.....	45.6	61.6	43.8	15,076	2,081	12,995	13.8	8,910	8,130	—	—
Total	100.0	100.0	100.0	6,615	676	5,939	10.2	—	—	5,390	4,380
Top 5 percent.....	20.0	37.2	18.0	26,408	5,026	21,382	19.0	15,740	13,720	—	—
1960: ³ Lowest.....	4.6	1.6	4.9	1,562	55	1,507	3.5	—	—	—	—
2.....	10.9	6.3	11.5	3,731	217	3,515	5.8	2,770	2,640	—	—
3.....	16.4	12.1	16.8	5,577	414	5,159	7.4	4,660	4,350	—	—
4.....	22.7	19.2	23.1	7,731	658	7,075	8.5	6,530	6,000	—	—
Highest.....	45.4	60.8	43.7	15,493	2,087	13,405	13.5	9,270	8,450	—	—
Total	100.0	100.0	100.0	6,819	686	6,132	10.1	—	—	5,580	4,580
Top 5 percent.....	19.6	36.1	17.7	26,721	4,959	21,745	18.6	16,240	14,200	—	—
1961: ³ Lowest.....	4.6	1.6	4.9	1,572	56	1,518	3.5	—	—	—	—
2.....	10.9	6.2	11.4	3,769	221	3,547	5.9	2,790	2,660	—	—
3.....	16.3	12.1	16.8	5,660	429	5,229	7.6	4,710	4,400	—	—
4.....	22.7	19.1	23.1	7,869	675	7,195	8.6	6,650	6,090	—	—
Highest.....	45.5	61.0	43.8	15,777	2,157	13,620	13.7	9,460	8,610	—	—
Total	100.0	100.0	100.0	6,930	708	6,222	10.2	—	—	5,660	4,610
Top 5 percent.....	19.6	36.2	17.8	27,212	5,119	22,082	18.8	16,460	14,360	—	—
1962: ³ Lowest.....	4.6	1.7	4.9	1,662	63	1,599	3.8	—	—	—	—
2.....	10.9	6.3	11.5	3,966	238	3,727	6.0	2,940	2,790	—	—
3.....	16.3	12.3	16.8	5,938	465	5,474	7.8	4,950	4,610	—	—
4.....	22.7	18.8	23.1	8,241	711	7,529	8.6	6,960	6,380	—	—
Highest.....	45.5	60.9	43.7	16,505	2,297	14,208	13.9	9,900	9,010	—	—
Total	100.0	100.0	100.0	7,262	755	6,507	10.4	—	—	5,940	4,900
Top 5 percent.....	19.6	36.1	17.7	28,482	5,451	23,020	19.1	17,230	15,240	—	—

1. Consumer units are ranked by size of family personal income. In addition to April 1958 issue of SURVEY OF CURRENT BUSINESS, see table 3 of "Income Distribution in the United States, by Size, 1944-50."

2. Rounded to nearest \$10.

3. Includes Alaska and Hawaii.

Table II.—Distribution of Federal Individual Income Tax Liability of Consumer Units, Average Tax, Average Income, and Tax Rate, by Family Personal Income Level, 1955-62

Family personal income (before income taxes)	1955					1956					1957				
	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)
	Amount (millions of dollars)	Percent distribution	Average (dollars)			Amount (millions of dollars)	Percent distribution	Average (dollars)			Amount (millions of dollars)	Percent distribution	Average (dollars)		
Under \$2,000.....	204	0.7	25	1,132	2.2	190	0.6	25	1,126	2.2	197	0.6	26	1,123	2.3
\$2,000-\$2,999.....	684	2.4	116	2,513	4.6	655	2.0	121	2,511	4.8	650	1.9	121	2,509	4.8
\$3,000-\$3,999.....	1,387	4.8	189	3,518	5.4	1,323	4.2	195	3,514	5.5	1,277	3.8	197	3,507	5.6
\$4,000-\$4,999.....	2,047	7.1	279	4,506	6.2	2,093	6.6	283	4,502	6.3	1,935	5.7	284	4,499	6.3
\$5,000-\$5,999.....	2,585	9.0	409	5,482	7.5	2,572	8.1	412	5,481	7.5	2,533	7.5	408	5,480	7.5
\$6,000-\$7,499.....	3,983	13.9	575	6,688	8.6	4,147	13.0	575	6,687	8.6	4,271	12.6	566	6,683	8.5
\$7,500-\$9,999.....	4,052	14.1	779	8,547	9.1	4,776	15.0	781	8,583	9.1	5,191	15.4	766	8,578	8.9
\$10,000-\$14,999.....	3,727	13.0	1,215	12,031	10.1	4,600	14.4	1,212	12,037	10.1	5,122	15.2	1,188	12,032	9.9
\$15,000-\$19,999.....	1,944	6.8	2,200	17,129	12.8	2,443	7.7	2,197	17,161	12.8	2,772	8.2	2,150	17,154	12.5
\$20,000-\$24,999.....	1,322	4.6	3,496	22,170	15.8	1,509	4.7	3,494	22,255	15.7	1,691	5.0	3,417	22,244	15.4
\$25,000-\$49,999.....	3,160	11.0	6,997	33,524	20.9	3,587	11.2	7,004	33,667	20.8	3,867	11.4	6,859	33,623	20.4
\$50,000 and over.....	3,605	12.6	31,298	88,663	35.3	4,905	12.5	29,771	85,810	34.7	4,294	12.7	29,143	85,750	34.0
Total.....	28,700	100.0	550	5,640	9.8	31,900	100.0	604	6,007	10.0	33,800	100.0	630	6,238	10.1

Family personal income (before income taxes)	1958					1959					1960 ¹				
	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)
	Amount (millions of dollars)	Percent distribution	Average (dollars)			Amount (millions of dollars)	Percent distribution	Average (dollars)			Amount (millions of dollars)	Percent distribution	Average (dollars)		
Under \$2,000.....	180	0.5	23	1,118	2.1	191	0.5	26	1,117	2.3	186	0.5	25	1,118	2.3
\$2,000-\$2,999.....	609	1.8	110	2,513	4.4	629	1.7	119	2,509	4.7	612	1.6	118	2,514	4.7
\$3,000-\$3,999.....	1,229	3.7	185	3,507	5.3	1,200	3.2	195	3,506	5.6	1,152	3.0	194	3,507	5.5
\$4,000-\$4,999.....	1,897	5.6	279	4,493	6.2	1,818	4.9	288	4,497	6.4	1,763	4.6	286	4,505	6.4
\$5,000-\$5,999.....	2,500	7.5	401	5,492	7.3	2,481	6.6	411	5,495	7.5	2,447	6.4	408	5,499	7.4
\$6,000-\$7,499.....	4,184	12.5	551	6,696	8.2	4,425	11.8	565	6,714	8.4	4,402	11.4	556	6,715	8.3
\$7,500-\$9,999.....	5,142	15.3	747	8,593	8.7	5,860	15.7	758	8,588	8.8	6,044	15.7	743	8,588	8.6
\$10,000-\$14,999.....	5,409	16.1	1,159	11,965	9.7	6,190	16.6	1,169	11,933	9.8	6,786	17.6	1,140	11,963	9.5
\$15,000-\$19,999.....	2,861	8.5	2,086	17,144	12.2	3,644	9.8	2,096	17,048	12.3	3,980	10.4	2,045	17,089	12.0
\$20,000-\$24,999.....	1,718	5.1	3,313	22,203	14.9	1,960	5.2	3,320	22,188	15.0	2,108	5.5	3,231	22,180	14.6
\$25,000-\$49,999.....	3,801	11.3	6,586	33,236	19.8	4,213	11.3	6,619	33,081	20.0	4,442	11.5	6,400	32,868	19.5
\$50,000 and over.....	4,070	12.1	27,168	84,869	32.0	4,759	12.7	26,513	83,893	31.6	4,548	11.8	26,451	85,403	31.0
Total.....	33,600	100.0	615	6,284	9.8	37,370	100.0	676	6,615	10.2	38,470	100.0	686	6,819	10.1

Family personal income (before income taxes)	1961 ¹					1962 ¹				
	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (percent)
	Amount (millions of dollars)	Percent distribution	Average (dollars)			Amount (millions of dollars)	Percent distribution	Average (dollars)		
Under \$2,000.....	191	0.5	26	1,118	2.3	181	0.4	26	1,114	2.3
\$2,000-\$2,999.....	619	1.5	119	2,510	4.7	590	1.4	120	2,510	4.8
\$3,000-\$3,999.....	1,154	2.8	195	3,504	5.6	1,110	2.5	196	3,505	5.6
\$4,000-\$4,999.....	1,773	4.4	288	4,498	6.4	1,702	3.9	287	4,503	6.4
\$5,000-\$5,999.....	2,466	6.1	410	5,497	7.5	2,411	5.5	409	5,494	7.4
\$6,000-\$7,499.....	4,514	11.1	560	6,725	8.3	4,553	10.4	559	6,729	8.3
\$7,500-\$9,999.....	6,278	15.5	747	8,586	8.7	6,776	15.5	746	8,593	8.7
\$10,000-\$14,999.....	7,307	18.0	1,144	11,927	9.6	8,140	18.6	1,143	11,949	9.5
\$15,000-\$19,999.....	4,329	10.7	2,050	17,023	12.0	18,237	41.8	4,332	24,600	17.6
\$20,000-\$24,999.....	2,275	5.6	3,248	22,163	14.7					
\$25,000-\$49,999.....	4,747	11.7	6,450	32,922	19.6	43,700	100.0	755	7,262	10.4
\$50,000 and over.....	4,887	12.1	26,501	86,150	30.8					
Total.....	40,540	100.0	708	6,930	10.2					

1. Includes Alaska and Hawaii.

Table 12.—Distribution of Consumer Units and of Family Personal Income After Federal Individual Income Tax Liability, by Level of After-Tax Income, 1955-62

Family personal income after Federal individual income tax liability	1955					1956					1957				
	Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution		Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution		Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution	
		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income
Under \$2,000	8,758	10,119	1,155	16.8	3.8	8,212	9,459	1,152	15.5	3.3	8,131	9,334	1,148	15.2	3.1
\$2,000-\$2,999	6,510	16,401	2,519	12.5	6.2	5,984	15,076	2,519	11.3	5.3	5,959	14,994	2,516	11.1	5.0
\$3,000-\$3,999	7,992	28,039	3,508	15.3	10.5	7,591	26,686	3,515	14.4	9.3	7,185	25,207	3,508	13.4	8.4
\$4,000-\$4,999	8,197	36,826	4,493	15.7	13.9	8,152	36,627	4,493	15.4	12.8	7,649	34,431	4,502	14.3	11.4
\$5,000-\$5,999	6,694	36,665	5,477	12.8	13.8	6,799	37,295	5,485	12.9	13.1	6,868	37,731	5,494	12.8	12.5
\$6,000-\$7,499	6,050	40,275	6,657	11.6	15.2	6,378	42,632	6,685	12.1	14.9	6,821	45,583	6,683	12.7	15.2
\$7,500-\$9,999	4,032	34,303	8,509	7.7	12.9	4,932	41,999	8,516	9.3	14.7	5,542	47,205	8,517	10.3	15.7
\$10,000-\$14,999	2,590	30,836	11,903	5.0	11.6	3,205	38,176	11,911	6.1	13.4	3,675	43,786	11,914	6.8	14.6
\$15,000-\$19,999	729	12,437	17,061	1.4	4.7	883	15,026	17,007	1.7	5.3	1,023	17,392	17,001	1.9	5.8
\$20,000 and over	618	19,638	31,775	1.2	7.4	714	22,572	31,621	1.3	7.9	797	25,184	31,613	1.5	8.3
Total	52,170	265,539	5,090	100.0	100.0	52,850	285,548	5,403	100.0	100.0	53,650	300,847	5,608	100.0	100.0

Family personal income after Federal individual income tax liability	1958					1959					1960 ¹				
	Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution		Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution		Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution	
		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income
Under \$2,000	8,082	9,194	1,138	14.8	3.0	7,934	9,037	1,139	14.4	2.8	7,723	8,797	1,139	13.8	2.6
\$2,000-\$2,999	6,102	15,359	2,517	11.2	5.0	5,856	14,713	2,513	10.6	4.5	5,708	14,356	2,515	10.2	4.2
\$3,000-\$3,999	7,392	25,936	3,509	13.5	8.4	6,821	23,922	3,507	12.3	7.3	6,558	22,987	3,505	11.7	6.7
\$4,000-\$4,999	7,519	33,786	4,493	13.8	10.9	7,090	31,891	4,498	12.8	9.7	6,953	31,294	4,501	12.4	9.1
\$5,000-\$5,999	6,839	37,524	5,487	12.5	12.1	6,730	36,956	5,492	12.2	11.2	6,751	37,073	5,491	12.0	10.8
\$6,000-\$7,499	6,996	46,717	6,678	12.8	15.1	7,546	50,513	6,694	13.6	15.4	7,792	52,232	6,703	13.9	15.2
\$7,500-\$9,999	5,856	50,055	8,547	10.7	16.2	6,611	56,579	8,558	12.0	17.2	6,974	59,806	8,576	12.4	17.4
\$10,000-\$14,999	3,911	46,413	11,868	7.2	15.0	4,517	53,918	11,937	8.2	16.4	5,144	61,336	11,924	9.2	17.8
\$15,000-\$19,999	1,095	13,600	16,979	2.0	6.0	1,269	21,501	16,943	2.3	6.5	1,454	24,622	16,927	2.6	7.1
\$20,000 and over	828	26,073	31,510	1.5	8.3	926	29,395	31,729	1.6	9.0	1,003	31,278	31,227	1.8	9.1
Total	54,620	309,657	5,669	100.0	100.0	55,300	328,425	5,939	100.0	100.0	56,060	343,781	6,132	100.0	100.0

Family personal income after Federal individual income tax liability	1961 ¹					1962 ¹				
	Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution		Number of families and unattached individuals (thousands)	After-tax family personal income		Percent distribution	
		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income		Aggregate (millions of dollars)	Average (dollars)	Number	After tax income
Under \$2,000	7,832	8,928	1,140	13.7	2.5	7,348	8,348	1,136	12.7	2.2
\$2,000-\$2,999	5,745	14,441	2,514	10.0	4.0	5,449	13,696	2,513	9.4	3.7
\$3,000-\$3,999	6,576	23,063	3,507	11.5	6.5	6,246	21,898	3,506	10.8	5.8
\$4,000-\$4,999	6,961	31,330	4,501	12.1	8.8	6,787	30,578	4,505	11.7	8.1
\$5,000-\$5,999	6,704	36,824	5,493	11.7	10.3	6,601	36,272	5,495	11.4	9.6
\$6,000-\$7,499	8,046	53,966	6,707	14.0	15.2	8,316	55,848	6,716	14.4	14.8
\$7,500-\$9,999	7,337	63,040	8,592	12.8	17.7	8,041	69,065	8,589	13.9	18.3
\$10,000-\$14,999	5,506	65,729	11,938	9.6	18.5	6,094	72,666	11,925	10.5	19.3
\$15,000-\$19,999	1,523	25,794	16,934	2.7	7.2	3,008	68,341	22,722	5.2	18.2
\$20,000 and over	1,060	33,337	31,438	1.9	9.3					
Total	57,290	356,452	6,222	100.0	100.0	57,890	376,712	6,507	100.0	100.0

1. Includes Alaska and Hawaii.

Table 13.—Distribution of Consumer Units by Real Family Personal Income Level

Family personal income in 1954\$ (before income tax)	Number of families and unattached individuals (millions)																			
	1929	1935-36	1941	1944	1946	1947	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Under \$2,000.....	12.9	16.3	12.7	7.1	7.6	8.6	9.7	8.7	8.7	8.3	9.0	8.3	7.9	8.2	8.4	8.3	8.3	8.5	8.0	7.9
\$2,000-\$2,999.....	8.4	7.8	6.8	5.8	6.4	7.0	7.2	6.8	6.4	6.3	6.5	5.9	5.6	5.8	6.1	6.0	6.0	6.0	5.8	12.1
\$3,000-\$3,999.....	5.6	5.2	6.2	6.0	6.8	7.5	7.7	7.8	7.4	7.0	7.3	7.4	7.0	6.9	7.3	6.8	6.6	6.7	6.5	13.1
\$4,000-\$4,999.....	3.0	3.4	5.0	5.7	6.6	6.6	7.2	7.3	7.5	7.0	7.1	7.4	7.5	7.1	7.1	6.8	6.8	6.8	6.7	
\$5,000-\$5,999.....	1.9	2.0	3.9	4.9	4.8	4.5	5.4	5.9	6.2	6.2	6.1	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	8.3
\$6,000-\$7,499.....	1.6	1.5	3.0	4.4	4.3	4.2	4.8	5.6	6.0	6.5	6.3	7.0	7.0	7.1	7.0	7.4	7.6	7.8	8.1	8.0
\$7,500-\$9,999.....	1.2	1.0	2.0	3.7	3.4	3.2	3.7	4.1	4.5	4.9	4.7	5.0	5.8	6.0	6.1	6.6	6.8	7.1	7.5	8.0
\$10,000 and over.....	1.5	1.2	1.8	3.3	3.4	3.1	3.2	3.3	3.5	4.3	4.2	4.9	5.7	6.1	6.2	7.0	7.6	8.0	8.9	9.3
Total.....	36.1	38.4	41.4	40.9	43.3	44.7	48.9	49.5	50.2	50.5	51.2	52.2	52.8	53.6	54.6	55.3	56.1	57.3	57.9	58.7
Average (mean) family personal income.....	\$3,791	\$3,343	\$4,161	\$5,268	\$5,150	\$4,877	\$4,943	\$5,108	\$5,226	\$5,443	\$5,356	\$5,618	\$5,883	\$5,935	\$5,857	\$6,097	\$6,193	\$6,243	\$6,490	\$6,613
Aggregate family personal income.....	136.9	128.4	172.1	215.3	223.1	218.2	241.7	252.8	262.4	274.9	274.0	293.1	310.9	318.4	319.9	337.1	347.2	357.6	375.7	388.3
	Percent distribution																			
Under \$2,000.....	35.8	42.2	30.8	17.4	17.6	19.3	19.8	17.7	17.4	16.6	17.5	15.9	15.0	15.2	15.5	15.1	14.8	14.8	13.9	13.5
\$2,000-\$2,999.....	23.4	20.4	16.3	14.2	14.7	15.6	14.7	13.7	12.7	12.4	12.7	11.4	10.6	10.8	11.2	10.8	10.6	10.5	10.0	20.6
\$3,000-\$3,999.....	15.5	13.4	15.0	14.7	15.8	16.7	15.8	15.6	14.8	13.8	14.3	14.0	13.2	12.9	13.3	12.3	11.8	11.8	11.2	22.4
\$4,000-\$4,999.....	8.3	8.9	12.2	14.0	15.3	14.8	14.7	14.9	14.9	13.9	14.1	14.2	13.3	13.0	12.2	12.1	11.8	11.5	11.5	
\$5,000-\$5,999.....	5.2	5.3	9.3	12.0	11.0	10.1	11.0	12.0	12.4	12.3	11.8	12.1	11.9	11.9	11.8	11.5	11.4	11.2	11.1	14.2
\$6,000-\$7,499.....	4.3	4.0	7.3	10.6	10.0	9.4	9.8	11.4	11.9	12.8	12.3	13.4	13.2	13.2	12.8	13.5	13.6	13.7	14.0	13.5
\$7,500-\$9,999.....	3.3	2.6	4.8	9.0	7.8	7.2	7.6	8.2	8.9	9.7	9.2	9.7	11.0	11.2	11.0	11.9	12.2	12.3	13.0	13.5
\$10,000 and over.....	4.2	3.2	4.3	8.1	7.8	6.9	6.6	6.7	7.0	8.4	8.3	9.4	10.9	11.5	11.4	12.7	13.5	13.9	15.3	15.8
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 14.—Distribution of Consumer Units by Real Income Level of Family Personal Income After Federal Individual Income Tax Liability

Family personal income after income tax in 1954\$	Number of families and unattached individuals (millions)																			
	1929 (n.a.)	1935-36 (n.a.)	1941 (n.a.)	1944 (n.a.)	1946 (n.a.)	1947 (n.a.)	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963 (n.a.)
Under \$2,000.....							10.1	9.3	9.3	9.0	9.5	8.8	8.4	8.7	8.9	8.9	8.8	9.0	8.6	
\$2,000-\$2,999.....							7.7	7.4	7.1	6.9	7.1	6.5	6.2	6.3	6.8	6.6	6.6	6.7	6.4	
\$3,000-\$3,999.....							8.3	8.4	8.2	7.7	7.9	8.1	7.9	7.7	8.1	7.6	7.4	7.5	7.2	
\$4,000-\$4,999.....							7.5	8.0	8.5	8.1	7.9	8.2	8.1	7.9	7.9	7.6	7.7	7.7	7.6	
\$5,000-\$5,999.....							5.4	6.0	6.1	6.5	6.4	6.7	6.7	6.8	6.7	6.7	6.7	6.8	6.9	
\$6,000-\$7,499.....							4.3	4.9	5.3	5.4	5.3	6.0	6.2	6.4	6.3	6.9	7.1	7.3	7.7	
\$7,500-\$9,999.....							3.0	2.9	3.0	3.7	3.7	4.0	4.7	4.9	5.0	5.5	5.8	6.1	6.6	
\$10,000 and over.....							2.6	2.6	2.7	3.2	3.4	3.9	4.6	4.9	4.9	5.5	6.0	6.2	6.9	
Total.....							48.9	49.5	50.2	50.5	51.2	52.2	52.8	53.6	54.6	55.3	56.1	57.3	57.9	
Average (mean) family personal income.....							\$4,526	\$4,601	\$4,663	\$4,857	\$4,842	\$5,070	\$5,292	\$5,335	\$5,284	\$5,474	\$5,570	\$5,605	\$5,815	
Aggregate family personal income.....							221.3	227.7	234.1	245.3	247.7	264.5	279.7	286.2	288.6	302.7	312.2	321.1	336.7	
	Percent distribution																			
Under \$2,000.....							20.7	18.8	18.6	17.8	18.8	16.9	16.0	16.2	16.3	16.1	15.7	15.8	14.8	
\$2,000-\$2,999.....							15.8	15.0	14.1	13.7	13.7	12.6	11.7	12.0	12.5	12.0	11.7	11.5	11.1	
\$3,000-\$3,999.....							17.0	17.0	16.3	15.2	15.4	15.4	14.9	14.3	14.8	13.6	13.2	13.1	12.5	
\$4,000-\$4,999.....							15.4	16.2	16.9	16.1	15.5	15.7	15.6	14.7	14.4	13.7	13.7	13.4	13.1	
\$5,000-\$5,999.....							11.0	12.1	12.2	12.8	12.4	12.8	12.7	12.6	12.3	12.2	12.0	11.9	11.9	
\$6,000-\$7,499.....							8.9	9.9	10.5	10.7	10.4	11.5	11.6	11.9	11.6	12.4	12.6	12.7	13.3	
\$7,500-\$9,999.....							6.0	5.8	6.0	7.3	7.2	7.6	8.9	9.2	9.1	10.0	10.5	10.7	11.4	
\$10,000 and over.....							5.2	5.2	5.4	6.4	6.6	7.5	8.6	9.1	9.0	10.0	10.6	10.9	11.9	
Total.....							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

n. a.—Not available.

Personal Income by States, 1963

Most States Share in Expansion

INDIVIDUAL incomes rose in nearly every State last year as the country's economy expanded for the third consecutive year since the 1960 recession. Nationally, personal income totaled \$461 billion in 1963, an increase of \$21 billion, or 5 percent, over the previous year.¹

The largest regional gains were scored in the Mideast (\$4.8 billion), the Great Lakes and Southeast (\$4.3 billion each), and the Far West (\$3.8 billion). The dollar advance of these four regions accounted for about four-fifths of the overall national rise. In percentage terms, the Southeast and Far West experienced the largest increases, with 1963 aggregates in these regions up 6 percent over 1962. Above-average gains were general among the industries of both the Southeast and Far West.

Individual States with largest percentage gains were Nevada (13), Mississippi (9), and Arkansas (8). In Nevada, sharp gains in nearly every industry were responsible for the pace-setting increase. In the other two States, exceptionally large expansions in income from agriculture and manufacturing provided the main impetus. In three States, North Dakota, South Dakota, and Nebraska, personal income in 1963 was less than in the preceding year, while in four others, Montana, Idaho, Washington, and Kansas, the increase was no more than 1 or 2 percent. In the remaining States, the personal income advance was comparatively uniform—within 2 percentage points of the 5 percent national rate of increase.

¹ Estimates of personal income by States for all years may be found in the following publications of the Office of Business Economics: "Personal Income by States Since 1929," a supplement to the SURVEY OF CURRENT BUSINESS, which contains estimates of total income for the years 1929-53 and of per capita income for the period 1929-49. Estimates of total income since 1953 and of per capita income 1949-59 are contained in the August 1963 issue of the SURVEY. Revised per capita figures for 1960-61 may be found in table 2, page 21, this issue.

Per capita personal income

Per capital personal income was at a record high of \$2,443 last year. This amounted to an increase of 77 dollars, or 3 percent, over the 1962 average of \$2,366. State-by-State per capita incomes varied from \$3,372 in Nevada to \$1,379 in Mississippi. After Nevada, the States with highest per capita incomes included Delaware (\$3,250), Connecticut (\$3,162), New York (\$3,000), California (\$2,980), Illinois (\$2,945), and New Jersey (\$2,900). In the District of Columbia, average incomes were \$3,398 last year.

Industrial developments

State deviations from the national rate of change were very pronounced within agriculture and manufacturing. These differences, when coupled with the varying importance of these two industries in the economy of the several States, were mainly responsible for the differential rates of change in total income from 1962 to 1963.

Nationally, income from agriculture was 3 percent less in 1963 than in 1962. This reflected decreased receipts from livestock, a slight increase in crop receipts and moderately higher production expenses. Geographically, farm income exhibited its usual volatility with shifts ranging from an increase of one-third in Mississippi to a decrease of more than two-fifths in North Dakota.

In two of the three States which had the largest income gains last year, increases in agricultural incomes were directly responsible. In Mississippi and Arkansas a bumper cotton crop was the major element in the sharp upturn. In several States in the Plains and Rocky Mountain regions, total income declined, or rose only a little, as receipts from wheat, hay, and livestock fell

sharply last year. In the Dakotas and Nebraska, which had scored top gains in 1962, the drop in farm income was sufficient to reduce personal income below 1962 levels. In Montana and Kansas the decline in agricultural income was not so great, and total income increased a little.

Earnings of persons engaged in manufacturing were up 4 percent in 1963. Among individual industries, however, differences ranged from little or no change in several nondurable goods industries to an increase of approximately one-twelfth in the transportation equipment industry. Earnings of persons in most of the defense-oriented industries were up 5 percent or more last year.

The defense industries in the Southeast region as a whole, and in several other States, such as North Dakota, Arizona, and Nevada, experienced above-average increases in factory payrolls and were responsible for the leading gains in manufacturing earnings in these areas last year.

Personal income grew less rapidly in the Mideast and New England than in the country as a whole. In the latter region, declines in defense contracts, as well as the departure of certain soft goods manufacturing facilities, had a dampening effect on the increase in factory payrolls. Among the Great Lakes States, factory earnings in Michigan were up 8 percent due primarily to another good year in automobile production. As a result, personal income in the State rose at a faster pace than in the Nation. Cutbacks in defense-space expenditures limited the rise in manufacturing earnings in the Far West last year, particularly in California and Washington.

Apart from regional changes in agriculture and manufacturing, there were some important shifts in construction earnings. The changes differed signifi-

cantly in several States where work on government contracts was either starting or terminating. Highway projects in the eastern and central parts of the country also affected construction activity in several States. States with major increases in construction last year included Delaware (16 percent), Michigan (14 percent), Virginia (15 percent),

Mississippi (15 percent), Oregon (14 percent), and Nevada (38 percent). Those with large declines included South Dakota (-18 percent), Arizona (-13 percent), and Idaho (-32 percent). In each of these States, the impact of changes in construction activity on total income change was significant.

The State estimates of personal income included here for 1963 are preliminary. The regular series, based on more complete data and adjusted to any revisions of the currently published totals, will be presented in the usual industrial-source and type-of-income detail in August 1964 issue of the SURVEY OF CURRENT BUSINESS.

Table 1.—Total and Per Capita Personal Income, by States and Regions, 1962-63

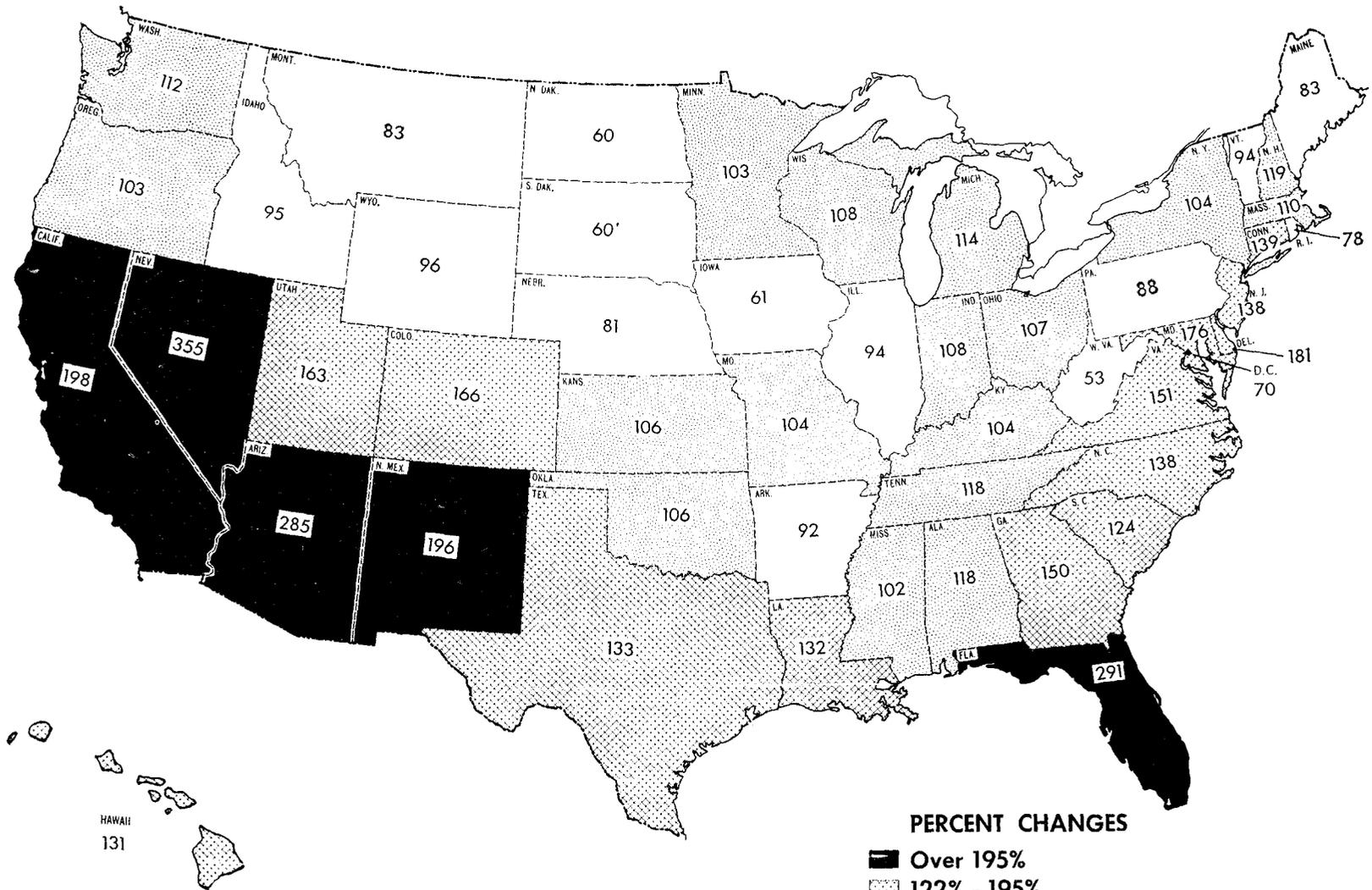
Table 2.—Percent Changes in Industrial Sources of Personal Income, by States and Regions, 1962-63¹

State and region	Table 1						Table 2										
	Total personal income			Per capita personal income			Total	Farms	Min- ing	Con- tract con- struc- tion	Manu- fac- turing	Whole- sale and retail trade	Finance, insurance, and real estate	Trans- porta- tion, com- muni- cation and public utilities	Services	Gov- ernment ²	
	Amount (million dollars)	Percent change 1962 to 1963	Percent change 1962 to 1963	Amount (dollars)		Percent of na- tional average 1963											
				1962	1963												
United States	439,661	460,580	5	2,366	2,443	100	5	-3	1	6	4	4	5	3	6	8	
New England	28,456	29,654	4	2,665	2,754	113	4	-4	1	6	1	4	4	3	6	8	
Maine.....	1,915	1,972	3	1,958	2,008	82	2	-6	0	-1	1	2	4	2	4	7	
New Hampshire.....	1,394	1,444	4	2,241	2,303	94	3	-16	0	-2	0	6	6	5	6	7	
Vermont.....	782	816	4	2,021	2,092	86	4	-5	-2	4	0	4	5	4	13	8	
Massachusetts.....	14,290	14,870	4	2,754	2,850	117	3	-1	3	8	0	4	4	3	6	8	
Rhode Island.....	2,052	2,122	3	2,337	2,398	98	3	6	9	7	0	4	5	4	5	6	
Connecticut.....	8,023	8,430	5	3,056	3,162	129	5	-1	-1	6	4	5	4	4	7	8	
Mideast	108,445	113,198	4	2,730	2,818	115	4	8	2	3	3	3	3	3	6	8	
New York.....	50,985	53,120	4	2,914	3,000	123	4	14	3	2	2	3	2	2	5	7	
New Jersey.....	18,032	18,760	4	2,837	2,900	119	4	-8	6	3	2	5	4	4	6	8	
Pennsylvania.....	26,887	27,923	4	2,362	2,444	100	4	18	1	3	3	2	3	3	5	7	
Delaware.....	1,455	1,547	6	3,116	3,250	133	7	-12	0	16	9	6	5	1	3	7	
Maryland.....	8,562	9,136	7	2,648	2,778	114	7	-11	3	6	4	7	8	4	10	9	
District of Columbia.....	2,524	2,712	7	3,199	3,398	139	9			5	5	3	5	4	10	12	
Great Lakes	92,731	97,054	5	2,517	2,607	107	5	-2	1	6	5	4	4	3	6	8	
Michigan.....	19,307	20,520	6	2,405	2,528	103	7	5	1	14	8	4	5	4	7	8	
Ohio.....	24,156	25,263	5	2,406	2,483	102	5	4	3	5	5	2	3	2	5	9	
Indiana.....	11,068	11,619	5	2,374	2,475	101	5	4	1	12	5	5	4	3	6	8	
Illinois.....	28,859	29,985	4	2,858	2,945	121	4	4	-1	1	4	4	3	3	5	8	
Wisconsin.....	9,341	9,667	3	2,324	2,380	97	3	-16	-16	6	4	4	5	3	6	9	
Plains	35,383	36,361	3	2,273	2,321	95	3	-10	-2	4	5	4	4	2	5	8	
Minnesota.....	7,770	8,162	5	2,245	2,332	95	5	17	-7	4	4	3	3	3	4	8	
Iowa.....	6,078	6,322	4	2,191	2,274	93	4	-2	-2	10	7	3	3	2	4	8	
Missouri.....	10,302	10,853	5	2,401	2,508	103	5	-5	8	13	6	4	4	2	5	9	
North Dakota.....	1,459	1,287	-12	2,305	2,030	83	-15	-44	-2	2	38	4	4	2	6	9	
South Dakota.....	1,489	1,424	-4	2,065	1,932	79	-6	-19	6	-18	0	1	5	-5	2	9	
Nebraska.....	5,309	5,348	-1	2,330	2,293	94	-2	-21	-10	-1	1	3	3	1	3	9	
Kansas.....	4,856	4,965	2	2,192	2,231	91	2	-4	0	-2	0	4	5	2	6	7	
Southeast	69,998	74,302	6	1,740	1,819	74	7	5	2	9	7	5	6	4	8	8	
Virginia.....	8,428	8,948	6	1,984	2,066	85	6	-29	4	15	4	6	9	5	11	8	
West Virginia.....	3,210	3,329	4	1,787	1,872	77	4	-10	2	5	5	3	3	1	4	8	
Kentucky.....	5,276	5,536	5	1,711	1,789	73	6	1	3	10	7	6	6	3	8	9	
Tennessee.....	6,185	6,560	6	1,694	1,776	73	7	14	-2	7	7	7	5	3	6	8	
North Carolina.....	8,195	8,630	5	1,742	1,813	74	5	-3	-18	8	6	6	5	4	9	8	
South Carolina.....	3,763	3,933	5	1,537	1,584	65	5	7	8	1	5	5	6	5	7	7	
Georgia.....	7,213	7,720	7	1,767	1,865	76	7	-2	10	9	9	8	8	7	6	8	
Florida.....	11,158	11,933	7	2,053	2,111	86	6	6	7	8	6	6	6	5	9	8	
Alabama.....	5,261	5,542	5	1,586	1,656	68	6	6	-10	7	8	6	5	6	11	8	
Mississippi.....	2,889	3,158	9	1,278	1,379	56	11	36	5	15	8	5	6	3	7	8	
Louisiana.....	5,678	6,043	6	1,684	1,798	72	8	25	3	10	10	4	5	3	7	8	
Arkansas.....	2,742	2,970	8	1,489	1,598	63	10	22	0	7	10	6	6	5	8	7	
Southwest	30,049	31,194	4	1,996	2,027	83	4	-12	0	2	5	4	6	2	6	8	
Oklahoma.....	4,664	4,858	4	1,905	1,953	80	4	0	1	4	5	3	4	2	6	7	
Texas.....	20,361	21,118	4	2,012	2,046	84	3	-16	1	6	5	4	6	2	6	8	
New Mexico.....	1,860	1,921	3	1,866	1,887	77	3	6	-5	6	-2	4	9	3	-1	5	
Arizona.....	3,164	3,297	4	2,129	2,115	87	4	-13	1	-13	11	7	8	4	9	8	
Rocky Mountain	10,245	10,551	3	2,237	2,244	92	2	-8	1	-4	5	3	5	2	5	8	
Montana.....	1,565	1,583	1	2,245	2,239	92	0	-14	8	-2	4	2	2	1	5	8	
Idaho.....	1,355	1,379	2	1,936	1,934	79	1	6	1	-32	6	1	7	2	5	9	
Wyoming.....	790	818	4	2,380	2,427	99	4	12	5	6	5	-4	1	0	0	9	
Colorado.....	4,520	4,678	3	2,388	2,386	98	3	-19	0	3	4	4	5	3	5	7	
Utah.....	2,015	2,093	4	2,103	2,129	87	4	-12	-6	-3	5	5	5	3	5	8	
Far West	62,105	65,891	6	2,798	2,886	118	6	-2	3	11	5	6	8	5	6	7	
Washington.....	7,471	7,639	2	2,482	2,505	103	2	-2	3	0	1	2	2	2	6	7	
Oregon.....	4,349	4,592	6	2,407	2,515	103	6	-2	15	14	6	5	7	4	6	9	
Nevada.....	1,098	1,241	13	3,137	3,372	138	14	12	0	38	17	18	34	13	4	9	
California.....	49,187	52,419	7	2,888	2,980	122	6	-2	3	11	6	6	8	5	7	7	
Alaska.....	656	699	7	2,711	2,819	115	7	0	1	8	9	6	13	1	4	12	
Hawaii.....	1,593	1,676	5	2,403	2,476	101	4	2	0	3	4	5	2	4	6	5	

1. Consists of wage and salary disbursements, other labor income, and proprietors' income.
2. Does not include earnings of military personnel.

NOTE.—United States totals include Alaska and Hawaii.
Source: Office of Business Economics, U.S. Department of Commerce.

PERCENT CHANGE IN TOTAL PERSONAL INCOME, 1948-63



PERCENT CHANGES

- Over 195%
- ▨ 122% - 195%
- ▧ United States: 121%
- ▩ 100% - 120%
- Under 100%

Factors Underlying Changes in the Geographic Distribution of Income

THE regional distribution of personal income has exhibited persistent trends over the past three and one-half decades. The shift of income from the North and East to the South and West, which characterized the 1930's, and which accelerated as the economy surged to full capacity during World War II, has continued over the past decade and a half. Since 1948, relative changes in the regional distribution of personal income have amounted to about \$22 billion. That is, individual income in the South and West is \$22 billion more and in the North and East \$22 billion less than would have been the case had all sections of the country grown at the same rate. This shift amounts to 5 percent of the personal income total of \$461 billion in 1963. By States, the amount redistributed is even larger, as there were some offsetting changes within regions.

This geographic shift in the distribution of personal income may be viewed as the net result of two types of economic forces. On the one hand, most individual industries in the southern and western regions expanded more rapidly than their counterparts in the North and East, a factor which increased total income in these areas at an above-average rate. On the other hand, the northern and eastern regions had a preponderance of those industries which, during the postwar period, were rapid-growers regardless of their geographic location; the two southern regions and the Rocky Mountain States tended to specialize in the slower growing types of industries. The effect of this difference in the "industry-mix" of the two areas offset a part of the change in total income due to the differential performance of

the areas on an industry-by-industry basis.

Accompanying these relative income shifts, and partly causing them, were varying rates of population growth in the regions. Generally, the population movement was to the Southwest and West with the Southeastern States benefiting to only a small extent.

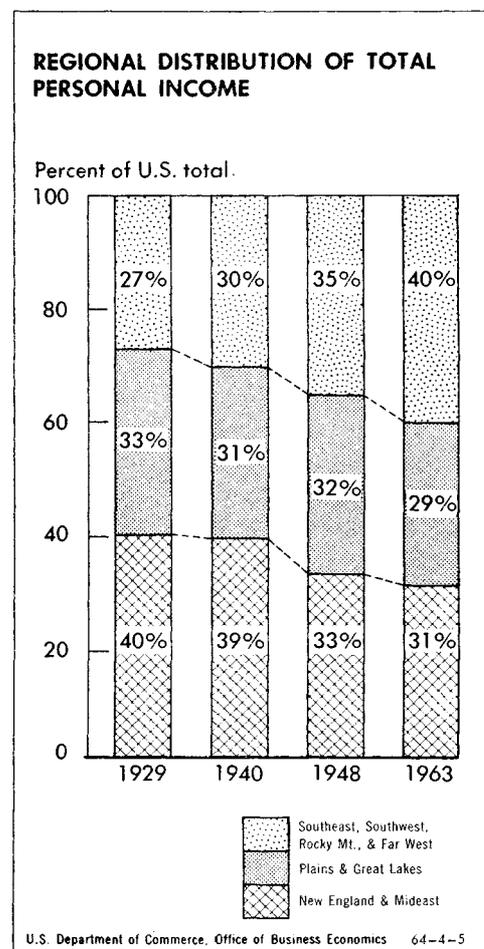
With the geographic changes in population and income tending to move parallel, changes in per capita income since 1948 relative to that of the Nation have been small. Most changes that did occur continued the trend toward a lessening of regional differences in per capita income.

Scope of report

This report is concerned with changes in the geographic distribution of income during the decade and a half since the completion of economic reconversion following World War II. Specifically, its purpose is to review trends in the geographic distribution of income and to analyze the industrial and population factors underlying these regional income trends for such light as they may shed on the future course of the various regional economies.

Before beginning an examination of postwar income shifts, a brief statement on definition and measurement of trend as employed here should be useful. The concept of trend is related to long-term growth or decline. It is characterized by regularity and persistency. To measure trend, it is necessary to separate the underlying long-term movement in a time series not only from the random, irregular factors but also from the effects of changes in the business cycle.

Since the focus of this article is on relative shifts in income, State and regional trends are measured here with total United States income as a standard of reference. Income in each State and region is expressed as a



percent of the national total, and trend is calculated in terms of changes in each area's share of the total—an increased or decreased share representing an upward or downward income trend relative to the Nation's.

The sharpest changes in economic activity stem from the progression of the business cycle through its phases of recession and recovery. Cyclical changes have substantially different impacts in the several regions; consequently, a comparison of geographic income distribution for trend purposes is valid only when the economy of each region is at approximately the same

point in the business cycle. Accordingly, the years 1948, 1953, 1957, and 1963 have been chosen for measuring postwar regional income trends. In general, they represent high and roughly comparable points in the business cycle. They are also relatively free from distortions due to random and irregular factors such as war, reconversion, and major strikes.

Residents of this region received \$6 billion less last year than they would have if economic growth in the region had equalled the national pace. The below-average income gain of this region can be ascribed directly to a reduced volume of farm income, a development that extended throughout the Nation, generally, but which had its greatest impact in the Plains States.

Relative shifts in the distribution of income have been more moderate in the remaining six regions. In the New England, Mideast, and Great Lakes areas, the share of income in 1963 was about 6 percent lower than in 1948. In the two southern regions and the Rocky Mountain States, the income share rose by 5 to 10 percent.

Changes in the Regional Distribution of Income

As depicted in the accompanying chart and map, there has been a significant geographic redistribution of income over the postwar years. Since 1948, the four southern and western regions have increased their share of the national total of personal income by 15 percent—an average increase of about 1 percent a year—while the four northeastern and central portions of the country have sustained the loss.

The extent of these income shifts is shown in table 1. In relative terms, the largest change occurred in the Far West, which increased its share of the Nation's income from 11½ percent to 14½ percent, or by one-fourth, from 1948 to 1963. Income in that region expanded one and three-fourths, while for the Nation as a whole, it was up one and one-fourth. If the Far West had no more than kept pace with the national growth rate, its personal income aggregate in 1963 would have amounted to \$53 billion; instead, it totaled nearly \$66 billion. Thus, over the past 15 years, the faster economic growth of the Far West has added about \$13 billion more to its economy than might have been expected on the basis of the national average.

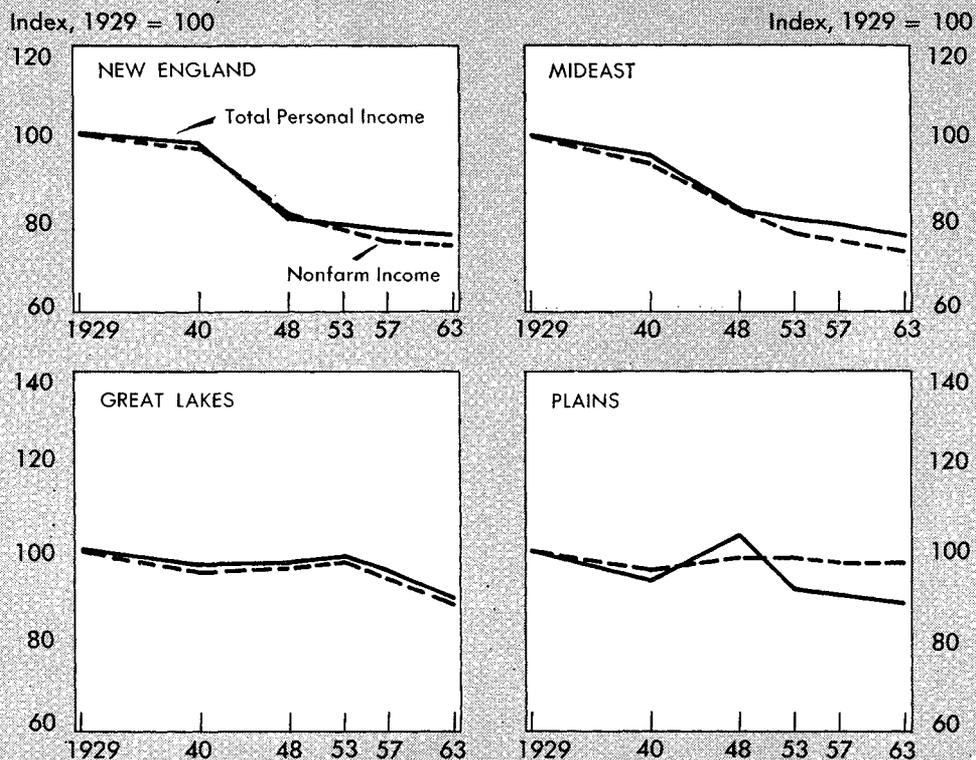
Above-average growth in the Far West reflects the rapid expansion of practically all industries in California and Nevada; the predominance of rapid-growth industries in the economy of California; and the correlative heavy migration into the area. The other two States of the region, Washington and Oregon, experienced moderate declines in their share of income.

In contrast, the income share of

the Plains States declined 15 percent from 1948 to 1963, with each State sharing in the loss. In dollar terms,

REGIONAL TRENDS Changes 1929 = 1

- In the Eastern and Central Regions the Percentage Share of Income Has Been Persistently Down.
- Temporary Reversals in the Plains and Great Lakes in the 1940's and Early 1950's Reflect Economic Demands of World War II, High Agricultural Prosperity, Boom in Durables, and Korean Hostilities.



Continuity of trends

Two characteristics of postwar regional trends may be noted. First—and most important because of its implication for the evaluation of future income changes—is the trend continuity that has prevailed over the entire span since 1929. Major exceptions are the acceleration of changes in shares between 1940 and 1948, and the unusual influence of agriculture in bolstering the income flow in the Plains States in 1948.

This trend continuity merits further attention because if relatively continuous trends have obtained for 35 years—a span that has included dramatic economic changes—their continuation

for some time to come would seem reasonable. This is not to say that a mechanical extrapolation of past trends can be assumed to hold for the future. It does give assurance, however, that there is sufficient stability in regional income trends to permit their projection provided the task is carried out in some industrial detail and the extensions are modified, relative to the past, as may be indicated by careful analysis.

The income shares of the two northeastern regions, New England and the Midwest, were reduced in each of the major periods charted. Moreover, except for the sharper rate of decline during the war and reconversion, the slope of the downtrend did not vary

appreciably in the years 1929–40, 1948–53, 1953–57, or 1957–63.

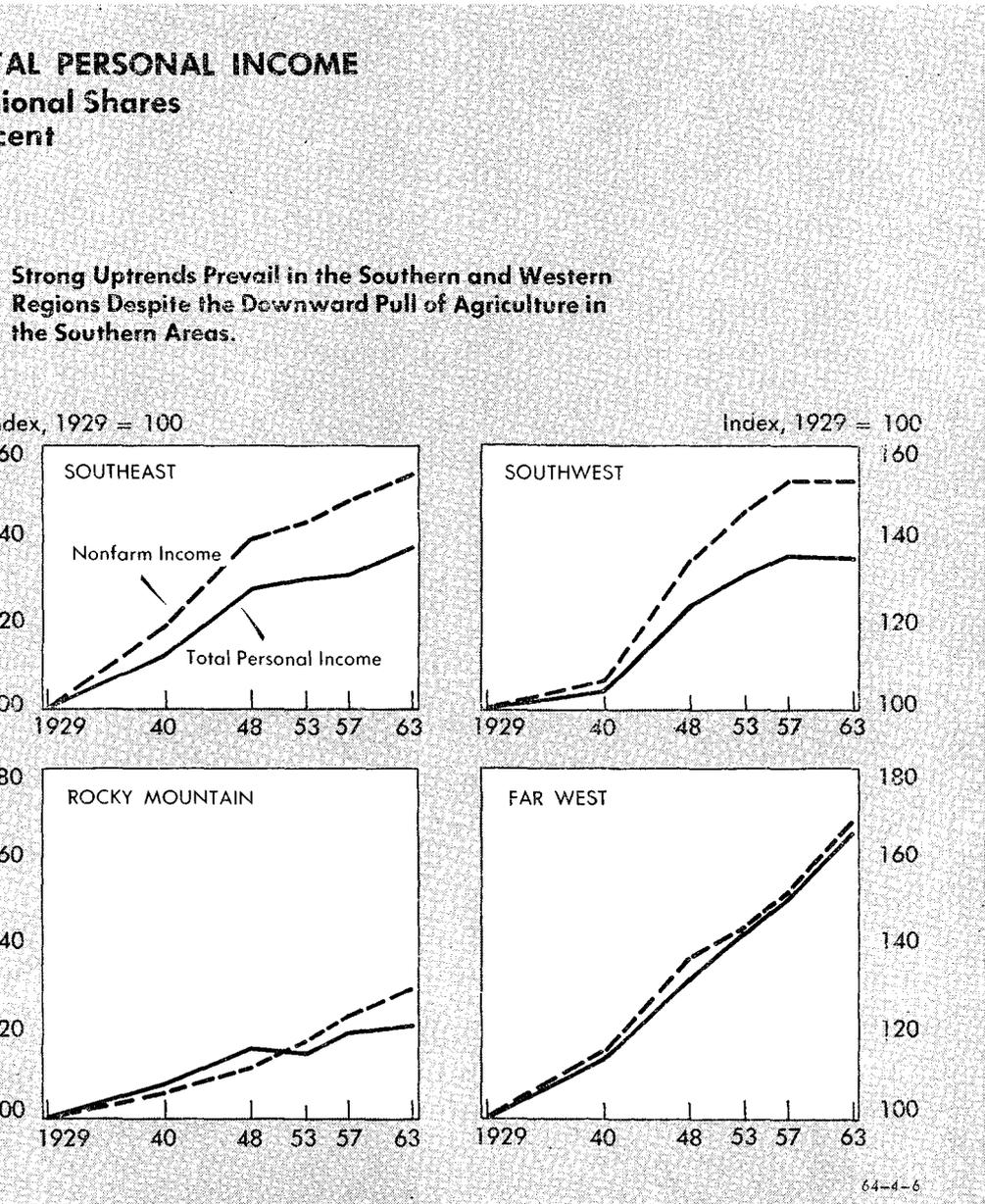
In the two central areas, the Great Lakes and Plains States, the parallelism between postwar trends and those of earlier periods is more obscure. From the chart on this page it appears that the shares of income received in these two regions were roughly the same in 1929 and 1948—in contrast to the declines that have occurred since the latter year. This departure from established trends is more apparent than real, however, as the income shares of both the Great Lakes and Plains States were bolstered in 1948 by special developments which lack trend significance.

In the Great Lakes, with its concentration of metal-fabricating industries, the production of munitions in the early 1940's and of peace-time durable goods after World War II pushed the region's share of total income above what its trend position would have been, simply because its industrial structure was such as to enable the region to benefit especially from the type of demand that developed. In the Plains States, the record volume of farm income in 1948 was responsible for the region's increased share of total income in that year. In both areas, these bolstering influences represent special factors. If these are discounted, the 1929–48 trends in the Great Lakes and Plains States are down, and the 1948 to 1963 movements are seen to be more in line with them.

In the four southern and western regions, trend continuity is clearer, although the speed-up during the war years interrupts it to some extent.

Influence of particular States

A second feature of postwar regional income shifts is the dominant influence of particular States in those regions with rising income trends. Changes in three of the four regions with increased income shares in 1963 were dominated by developments in a single State of the region. The expansion in the shares of income received in the Southeast, Rocky Mountain and Far West, was due almost entirely to the economic growth of Florida, Colorado, and California. Exclusion of these three States from their respective regional totals would yield a decline in the income



share of each region between 1948 and 1963.

This situation contrasts with that in the 1929-48 period when the trend of income in most States in the four areas with above-average growth accorded with that of the region in which they were located. For example, of the 25 States in the four southern and western regions, all except one increased their

income share between 1929 and 1948. However, there is strong evidence that the lack of adherence to regional trends on the part of the individual States is lessening. Between 1957 and 1963, several of the States which had been moving counter to their regional average came back into line.

State conformity to regional change was much greater in those sections of

the country with declining income trends. All States of the Great Lakes and Plains experienced a decreased income share between 1948 and 1963, as did five of the six New England States. Only in the Mideast was there heterogeneity of movement; half of the States increased their share of income and half suffered a reduction.

Table 1.—Total Personal Income, by States and Regions, Selected Years¹

	Amount (millions of dollars)									
	1929	1940	1948	1953	1957	1960	1961	1962	1963	
United States	85,661	78,522	207,414	283,140	348,724	399,028	414,954	439,661	460,580	
New England	7,125	6,398	13,949	18,697	22,793	25,904	26,987	28,456	29,654	
Maine.....	479	444	1,079	1,298	1,590	1,820	1,842	1,915	1,972	
New Hampshire.....	322	285	660	862	1,071	1,266	1,313	1,394	1,444	
Vermont.....	225	184	420	542	628	734	750	782	816	
Massachusetts.....	3,862	3,385	7,072	9,333	11,346	12,952	13,572	14,290	14,870	
Rhode Island.....	596	534	1,191	1,545	1,694	1,875	1,943	2,052	2,122	
Connecticut.....	1,641	1,566	3,527	5,117	6,464	7,257	7,567	8,023	8,430	
Mideast	27,465	23,949	54,271	72,612	88,586	99,666	103,280	108,445	113,198	
New York.....	14,105	11,713	26,060	33,265	41,190	46,837	48,609	50,985	53,120	
New Jersey.....	3,714	3,433	7,876	11,411	14,205	16,193	17,047	18,032	18,760	
Pennsylvania.....	7,531	6,417	14,876	20,145	23,525	25,539	25,946	26,887	27,923	
Delaware.....	240	270	550	876	1,215	1,348	1,382	1,455	1,547	
Maryland.....	1,260	1,309	3,309	5,028	6,381	7,453	7,938	8,562	9,136	
District of Columbia.....	615	807	1,600	1,887	2,070	2,296	2,358	2,524	2,712	
Great Lakes	20,235	17,818	47,505	65,761	78,469	86,232	88,015	92,731	97,054	
Michigan.....	3,803	3,610	9,579	14,516	16,923	18,173	18,121	19,307	20,520	
Ohio.....	5,178	4,606	12,227	17,316	20,906	22,722	23,090	24,156	25,263	
Indiana.....	1,973	1,898	5,581	8,012	9,212	10,211	10,461	11,068	11,619	
Illinois.....	7,280	5,964	15,472	19,669	23,941	26,564	27,471	28,859	29,985	
Wisconsin.....	2,001	1,740	4,646	6,248	7,487	8,562	8,872	9,341	9,667	
Plains	7,584	6,515	19,239	23,168	28,099	32,086	33,153	35,383	36,361	
Minnesota.....	1,539	1,467	4,028	5,049	6,173	7,094	7,452	7,770	8,162	
Iowa.....	1,419	1,272	3,934	4,110	5,580	5,824	6,078	6,322	6,500	
Missouri.....	2,275	1,982	5,321	7,000	8,310	9,524	9,836	10,362	10,853	
North Dakota.....	253	224	802	939	1,107	1,107	1,003	1,459	1,287	
South Dakota.....	288	230	888	881	1,091	1,266	1,292	1,489	1,424	
Nebraska.....	811	578	1,851	2,106	2,638	3,025	3,079	3,369	3,348	
Kansas.....	999	762	2,415	3,251	3,838	4,490	4,667	4,856	4,965	
Southeast	9,990	10,387	31,233	43,153	53,790	62,268	65,470	69,998	74,302	
Virginia.....	1,054	1,267	3,565	5,220	6,386	7,379	7,762	8,428	8,948	
West Virginia.....	794	777	2,176	2,547	3,099	3,082	3,123	3,210	3,329	
Kentucky.....	1,020	914	2,719	3,614	4,203	4,672	5,005	5,275	5,536	
Tennessee.....	982	995	3,006	4,040	4,864	5,494	5,842	6,186	6,560	
North Carolina.....	1,046	1,171	3,620	4,885	5,976	7,138	7,628	8,195	8,630	
South Carolina.....	470	584	1,755	2,543	3,300	3,476	3,476	3,763	3,933	
Georgia.....	1,015	1,060	3,088	4,400	5,432	6,368	6,605	7,213	7,720	
Florida.....	753	982	3,053	5,011	7,763	9,843	10,330	11,158	11,933	
Alabama.....	856	801	2,542	3,344	4,206	4,789	4,946	5,261	5,542	
Mississippi.....	570	474	1,504	1,889	2,116	2,552	2,750	2,889	3,158	
Louisiana.....	866	861	2,601	3,721	4,884	5,240	5,391	5,678	6,043	
Arkansas.....	564	501	1,544	1,809	2,394	2,612	2,612	2,742	2,970	
Southwest	4,254	4,090	12,919	18,670	23,697	27,190	28,665	30,049	31,194	
Oklahoma.....	1,077	867	2,359	3,161	3,730	4,305	4,475	4,664	4,858	
Texas.....	2,752	2,776	9,054	13,013	16,556	18,486	19,500	20,361	21,118	
New Mexico.....	171	199	649	1,055	1,475	1,730	1,775	1,860	1,921	
Arizona.....	254	248	857	1,441	2,010	2,669	2,915	3,164	3,297	
Rocky Mountain	1,614	1,598	4,545	6,158	7,830	9,072	9,509	10,245	10,551	
Montana.....	312	318	865	1,093	1,290	1,363	1,344	1,565	1,583	
Idaho.....	225	242	705	883	1,072	1,184	1,240	1,365	1,379	
Wyoming.....	151	152	418	547	650	765	769	790	818	
Colorado.....	642	617	1,760	2,492	3,367	4,039	4,314	4,520	4,678	
Utah.....	284	269	796	1,143	1,461	1,721	1,842	2,015	2,093	
Far West	7,394	7,767	23,753	34,921	45,460	54,557	57,727	62,105	65,891	
Washington.....	1,136	1,152	3,609	4,883	5,832	6,597	6,950	7,471	7,639	
Oregon.....	647	677	2,261	2,934	3,400	3,962	4,090	4,349	4,592	
Nevada.....	79	99	273	462	646	815	911	1,098	1,241	
California.....	5,502	5,839	17,610	26,642	35,582	43,183	45,776	49,187	52,419	
Alaska.....	n.a.	n.a.	n.a.	506	537	632	628	656	699	
Hawaii.....	n.a.	246	725	889	1,098	1,421	1,520	1,593	1,676	

See footnotes at end of table.

Industrial Factors Underlying Regional Trends

The remainder of this article examines the factors underlying postwar regional income trends. They will be discussed from three standpoints: Industrial changes in the income aggregate; the influence of population shifts on income change; and trends in per

capita income. Analysis at this level cannot do much more than point out relative strengths and weaknesses of particular areas, and measure their importance. A determination of underlying causes and effects—why, for example, a given industry in one

region has grown faster than its counterpart in other regions—is a problem beyond the scope of this review.

For analytical purposes total income may be divided into two categories: That received by persons for their participation in current production (hereafter termed participation income), and that received from investments and in the form of transfer payments.

Table I.—Total Personal Income, by States and Regions, Selected Years¹—Continued

	Percent of United States									Percent change						
	1929	1940	1948	1953	1957	1960	1961	1962	1963	1929-63	1929-48	1948-63	1948-53	1953-57	1957-63	1962-63
United States	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	438	142	122	37	23	32	5
New England	8.32	8.15	6.72	6.60	6.54	6.50	6.50	6.48	6.44	316	96	113	34	22	30	4
Maine.....	.56	.57	.52	.46	.46	.46	.44	.44	.43	312	125	83	20	22	24	3
New Hampshire.....	.38	.36	.32	.30	.31	.32	.32	.32	.31	348	105	119	31	24	35	4
Vermont.....	.26	.23	.20	.19	.18	.18	.18	.18	.18	263	87	94	29	16	30	4
Massachusetts.....	4.51	4.32	3.41	3.30	3.25	3.25	3.27	3.25	3.23	285	83	110	32	22	31	4
Rhode Island.....	.69	.68	.57	.54	.49	.47	.47	.47	.46	256	100	78	30	10	25	3
Connecticut.....	1.92	1.99	1.70	1.81	1.85	1.82	1.82	1.82	1.83	414	115	139	45	26	30	5
Mideast	32.06	30.50	26.17	25.65	25.40	24.97	24.89	24.66	24.58	312	98	109	34	22	28	4
New York.....	16.47	14.92	12.56	11.75	11.81	11.73	11.72	11.59	11.54	277	85	104	28	24	29	4
New Jersey.....	4.33	4.37	3.80	4.03	4.07	4.06	4.11	4.10	4.07	405	112	138	45	24	32	4
Pennsylvania.....	8.79	8.17	7.17	7.11	6.75	6.39	6.25	6.12	6.06	271	98	88	35	17	19	4
Delaware.....	.28	.34	.27	.31	.35	.34	.33	.33	.31	545	129	181	59	39	27	6
Maryland.....	1.47	1.67	1.60	1.78	1.83	1.87	1.91	1.95	1.98	625	163	176	52	27	43	7
District of Columbia.....	.72	1.03	.77	.67	.59	.58	.57	.57	.59	342	160	70	18	10	31	7
Great Lakes	23.61	22.69	22.90	23.23	22.50	21.60	21.21	21.08	21.07	380	135	104	38	19	24	5
Michigan.....	4.44	4.60	4.62	5.13	4.85	4.55	4.37	4.39	4.46	440	152	114	52	17	21	6
Ohio.....	6.04	5.86	5.89	6.11	5.99	5.69	5.56	5.49	5.48	388	136	107	42	21	21	5
Indiana.....	2.30	2.42	2.69	2.83	2.64	2.56	2.52	2.52	2.52	489	183	108	44	15	26	5
Illinois.....	8.50	7.59	7.46	6.95	6.87	6.65	6.62	6.56	6.51	312	113	94	27	22	25	4
Wisconsin.....	2.33	2.22	2.24	2.21	2.15	2.15	2.14	2.12	2.10	383	132	108	34	20	29	3
Plains	8.87	8.30	9.28	8.17	8.05	8.06	7.98	8.05	7.90	379	154	89	20	21	29	3
Minnesota.....	1.80	1.87	1.94	1.78	1.77	1.78	1.80	1.77	1.77	430	162	103	25	22	32	5
Iowa.....	1.66	1.62	1.90	1.45	1.46	1.40	1.40	1.38	1.37	346	177	61	4	24	24	4
Missouri.....	2.66	2.52	2.57	2.47	2.38	2.39	2.37	2.36	2.36	377	134	104	32	19	31	5
North Dakota.....	.30	.29	.39	.27	.27	.28	.24	.33	.28	409	217	60	-4	22	37	-12
South Dakota.....	.34	.29	.43	.31	.31	.32	.31	.34	.31	394	208	60	-1	24	31	-4
Nebraska.....	.95	.74	.89	.74	.76	.76	.74	.77	.73	313	128	81	14	25	27	-1
Kansas.....	1.16	.97	1.16	1.15	1.10	1.13	1.12	1.10	1.08	397	142	106	35	18	29	2
Southeast	11.67	13.23	15.06	15.25	15.42	15.62	15.78	15.93	16.11	644	213	138	38	25	38	6
Virginia.....	1.23	1.62	1.72	1.84	1.83	1.85	1.87	1.92	1.94	749	238	151	46	22	40	6
West Virginia.....	.93	.99	1.05	.90	.88	.78	.75	.73	.72	319	174	53	17	21	8	4
Kentucky.....	1.19	1.16	1.31	1.29	1.20	1.17	1.21	1.20	1.20	443	167	104	34	15	32	5
Tennessee.....	1.15	1.27	1.45	1.43	1.39	1.38	1.41	1.41	1.42	558	206	118	35	20	35	6
North Carolina.....	1.22	1.49	1.75	1.73	1.71	1.79	1.84	1.86	1.87	725	246	138	35	22	44	5
South Carolina.....	.55	.74	.85	.90	.81	.85	.84	.86	.85	737	273	124	45	11	40	5
Georgia.....	1.18	1.35	1.49	1.58	1.56	1.60	1.59	1.64	1.68	661	204	150	44	22	42	7
Florida.....	.88	1.25	1.47	1.78	2.23	2.47	2.49	2.54	2.59	1,485	305	291	65	54	54	7
Alabama.....	1.00	1.02	1.23	1.18	1.21	1.20	1.19	1.20	1.20	547	197	118	32	26	32	5
Mississippi.....	.67	.60	.75	.67	.61	.64	.66	.66	.69	454	174	102	21	12	49	9
Louisiana.....	1.01	1.10	1.25	1.31	1.40	1.31	1.30	1.29	1.31	598	200	132	43	31	24	6
Arkansas.....	.66	.64	.74	.64	.59	.60	.63	.62	.64	427	174	92	17	14	44	8
Southwest	4.97	5.21	6.23	6.60	6.80	6.81	6.91	6.83	6.78	633	204	141	45	27	32	4
Oklahoma.....	1.26	1.10	1.14	1.12	1.07	1.08	1.08	1.06	1.05	351	119	106	34	18	30	4
Texas.....	3.21	3.54	4.37	4.60	4.75	4.63	4.70	4.63	4.59	667	229	133	44	27	28	4
New Mexico.....	.20	.25	.31	.37	.40	.43	.43	.42	.42	1,023	280	196	63	33	37	3
Arizona.....	.30	.32	.41	.51	.58	.67	.70	.72	.72	1,198	237	285	68	39	64	4
Rocky Mountain	1.88	2.03	2.19	2.17	2.26	2.27	2.29	2.34	2.29	554	182	132	35	27	35	3
Montana.....	.36	.40	.42	.39	.37	.34	.32	.36	.34	407	177	83	26	17	24	1
Idaho.....	.26	.31	.34	.31	.31	.30	.30	.31	.30	513	214	95	25	21	29	2
Wyoming.....	.18	.19	.20	.19	.19	.19	.18	.18	.18	442	177	96	31	19	26	4
Colorado.....	.75	.79	.85	.88	.97	1.01	1.04	1.03	1.02	629	174	166	42	35	39	3
Utah.....	.33	.34	.38	.40	.42	.43	.44	.46	.45	637	180	163	44	28	43	4
Far West	8.62	9.89	11.45	12.33	13.03	13.65	13.92	14.12	14.32	791	221	177	47	30	45	6
Washington.....	1.36	1.47	1.74	1.72	1.67	1.65	1.67	1.70	1.66	555	210	112	35	19	31	2
Oregon.....	.75	.86	1.09	1.04	.97	.99	.99	.99	1.00	610	249	103	30	16	35	6
Nevada.....	.09	.13	.13	.16	.19	.20	.22	.25	.27	1,471	246	355	69	40	92	13
California.....	6.42	7.43	8.49	9.41	10.20	10.81	11.04	11.18	11.39	853	220	198	51	34	47	7
Alaska.....					.15	.16	.15	.15	.15	n.a.	n.a.	n.a.	n.a.	n.a.	30	7
Hawaii.....		.31	.35	.31	.31	.36	.37	.36	.36	n.a.	n.a.	131	23	24	53	5

1. Totals include Alaska and Hawaii for 1960 forward.
n.a.—Not available.

Participation Income

The first category, participation income, accounts for about 80 percent of total income on the average. It consists of wages and salaries, supplementary labor income, and earnings of self-employed persons, and it can be measured on an industry basis. Since State and regional changes in participation income closely paralleled the changes in total income discussed previously, attention is turned toward an analysis of factors making for geographic variations in changes in participation income. The initial step in the process is to dissect the total growth increment of this income aggregate into its component parts.¹

Components of growth

The first component is due to the overall growth of the national economy. The assumption is made that with no differences in regional characteristics each area would grow at the same rate, and so maintain its share of the Nation's total. This national growth element is thus computed by applying to participation income in each State in the initial year (1948) the national percentage increase in total participation income between the initial year and the terminal year (1962). These figures are shown in column A, table 3.²

The second element of an area's expansion, and the first of the two factors which make for a *difference* in the growth rate of an area and the Nation, stems from differences in income structure or "industry-mix" of the area and the Nation. To the extent that a large proportion of an area's economy consists of slow-growing industries, its income will expand at a below-average rate, other things being equal. Conversely, an area that specializes in industries that are generally growing rapidly will increase its share

of the Nation's income total, other things being equal.

This "industry-mix", or compositional effect, is measured by applying to each industry in an area in the base year the difference between the national growth rate in that industry and the national all-industry growth rate. Where the former is larger, the industry is termed a rapid-growth industry, and it gives a special boost to area growth, with the size of the increment determined by the amount of the industry located in the area. Where the industry growth rate is less than the all-industry figure, it is termed a slow-growth industry and its effect on differential income growth is negative. This effect is a relative one, of course. In most instances, slow-growth industries added to total income in an area in absolute terms. The industry-mix component is shown for all industries combined in column B, table 3.

The third, and final element of an area's growth, and the second which makes for a *differential* change comes from regional shifts within individual industries. An industry that is growing faster (slower) in an area than its counterparts in the Nation as a whole will add to (subtract from) the area's overall growth. This "regional industry-share" element is calculated by applying to each local industry in the base year the difference between the percentage change in that industry in the area and the percentage change in the same industry nationally. The value of the total regional-share effect is shown in column C, table 3.

The sum of the three components—see column D, table 3—equals the total change in income from participation in current production. The sum of the industry-mix and regional-share effects for all industries combined represents the net relative change in income in the area. It is the dollar measure by which the rate of area income change exceeds or falls short of the national growth rate. This measure is tabulated in column E of table 3.

Two points should be kept in mind with regard to this analytical technique. While it is difficult to interpret the two factors accounting for differences in regional growth in terms of

precise economic categories, the regional-share factor can, in many cases, be taken to reflect changes in the relative competitive position of the various regions. Secondly, the allocation of a relative change in income between that part due to regional-share and that due to industry-mix is dependent to a degree on the extent of industrial disaggregation used.

Regional-share and industry-mix effects

Regional-share effects played the dominant role in determining net changes in the geographic distribution of participation income between 1948 and 1962. In every region except the Plains, the income change due to regional-share was much larger than that due to industry-mix effect. In the Plains region the opposite situation obtained, as the decline in farm income had its maximum impact there.

The pervasiveness of the regional-share effect shows clearly in the accompanying tabulation. Except in the Plains, most industries within a region increased their share of the industry total or most sustained a relative loss. Only in the Plains did the gains and losses approach a balance.

Number of industries in each region with relative gains or relative losses

Region	Gains	Losses
New England.....	9	24
Mideast.....	4	29
Great Lakes.....	6	28
Plains.....	19	14
Southeast.....	29	4
Southwest.....	28	4
Rocky Mountain.....	28	5
Far West.....	28	6

The effect of industry-mix on relative income change generally ran counter to the regional-share experience. A favorable industry-mix, reflecting mainly the comparative absence of agriculture, reduced the total relative loss in income substantially in the two northeastern regions and in the Great Lakes.

A contrary situation prevailed in the two southern regions and in the Rocky Mountain States. Each of these regions was characterized by a very adverse industry-mix, again a reflection of agriculture, and in each area this tended to reduce substantially the above-average growth in total income.

In the agricultural Plains States, both factors accounting for differential income growth were adverse, with industry-mix by far the larger influence.

¹ The technique used here is that developed principally by Edgar S. Dunn and set forth in "A Statistical and Analytical Technique for Regional Analysis", *Papers and Proceedings, Regional Science Association, Vol. 6, 1960*, pp. 99-112. Further development and refinement of the technique is now underway in the Regional Economics Division of the Office of Business Economics under the direction of Lowell D. Ashby and John M. Mattila.

² The year 1962 is used as the terminal year because the necessary industrial detail for 1963 is not available. To judge from summary data, substitution of 1963 for 1962 would cause no significant differences in conclusions reached.

The Far West was the only region to benefit both from the mix and share factors. More than one-third of all regional-share gains in the Nation accrued to the Far West while one-fifth of those due to industry-mix were to the benefit of this Region.

Summary of regional shifts

Following is a brief review of some of the main factors underlying these

regional-share and industry-mix effects in each region or group of regions. For those interested in a more detailed examination, the effects of both factors are shown in tables 4 and 5 for 34 industries.³ These tables thus provide

³ For some of the 34 industries, payrolls instead of total participation income are used. In those instances, other labor income and proprietors' incomes are grouped in the "other" component.

a ready tool for identifying in more detail the elements of economic growth.

The declines in the share of participation income received in the New England, the Mideast, and Great Lakes regions resulted mainly from the fact that more than four-fifths of their industries suffered reductions in their shares of the corresponding industry totals. Although declines were the

Table 2.—Per Capita Personal Income, by States and Regions, Selected Years ¹

	Amount (dollars)										Percent of United States						Percent change								
	1929	1940	1948	1953	1957	1960	1961	1962	1963	1929	1940	1948	1953	1957	1960	1961	1962	1963	1929-63	1929-48	1948-63	1948-53	1953-57	1957-63	1962-63
United States	703	595	1,420	1,788	2,048	2,217	2,267	2,366	2,443	100	100	100	100	100	100	100	100	100	247	102	72	26	15	19	3
New England	876	757	1,511	1,958	2,298	2,466	2,563	2,665	2,754	125	127	106	110	112	111	113	113	113	214	72	82	30	17	20	3
Maine.....	601	523	1,229	1,431	1,686	1,871	1,866	1,958	2,008	85	88	87	80	82	84	82	83	82	234	104	63	16	18	19	3
New Hampshire.....	690	579	1,269	1,570	1,859	2,086	2,160	2,241	2,303	98	97	89	88	91	94	95	95	94	234	84	81	24	18	24	3
Vermont.....	627	507	1,170	1,434	1,666	1,887	1,938	2,021	2,092	89	85	82	80	81	85	85	85	86	234	87	79	23	16	26	4
Massachusetts.....	913	784	1,513	1,957	2,329	2,519	2,647	2,754	2,850	130	132	107	109	114	114	117	116	117	212	66	88	29	19	22	3
Rhode Island.....	871	743	1,513	1,898	1,984	2,193	2,265	2,337	2,398	124	125	107	106	97	99	100	99	98	175	74	58	25	5	21	3
Connecticut.....	1,029	917	1,751	2,400	2,813	2,858	2,956	3,056	3,162	146	154	123	134	137	129	130	129	129	207	70	81	37	17	12	3
Mideast	973	790	1,646	2,076	2,406	2,582	2,638	2,730	2,818	138	133	116	116	117	116	116	115	115	190	69	71	26	16	17	3
New York.....	1,159	870	1,798	2,147	2,542	2,778	2,828	2,914	3,000	165	146	127	120	124	125	123	123	123	159	55	67	19	18	18	3
New Jersey.....	931	822	1,650	2,216	2,535	2,659	2,749	2,837	2,900	132	138	116	124	124	120	121	120	119	211	77	76	34	14	14	2
Pennsylvania.....	775	648	1,446	1,902	2,149	2,255	2,283	2,362	2,444	110	109	102	106	105	102	101	100	100	215	87	69	32	13	14	3
Delaware.....	1,017	1,004	1,763	2,510	2,893	3,002	3,017	3,116	3,250	145	169	124	140	141	135	133	132	133	220	73	84	42	15	12	4
Maryland.....	777	712	1,457	1,967	2,220	2,398	2,522	2,648	2,778	111	120	103	110	108	108	111	112	114	258	88	91	35	13	25	5
District of Columbia.....	1,273	1,170	1,905	2,276	2,668	2,993	3,019	3,199	3,398	181	197	134	127	130	135	133	135	139	167	50	78	19	17	27	6
Great Lakes	803	667	1,592	2,053	2,260	2,376	2,400	2,517	2,607	114	112	112	115	110	107	106	106	107	225	98	64	29	10	15	4
Michigan.....	793	679	1,542	2,134	2,245	2,314	2,267	2,405	2,528	113	114	109	119	110	104	100	102	103	219	94	64	38	5	13	5
Ohio.....	781	665	1,552	2,018	2,253	2,332	2,331	2,406	2,483	111	112	109	113	110	105	103	102	102	218	99	60	30	12	10	3
Indiana.....	612	553	1,440	1,913	2,029	2,188	2,228	2,374	2,475	87	93	101	107	99	99	98	100	101	304	135	72	33	6	22	4
Illinois.....	957	754	1,809	2,197	2,505	2,636	2,724	2,858	2,945	136	127	127	123	122	119	120	121	121	208	89	63	21	14	18	3
Wisconsin.....	682	554	1,402	1,784	1,969	2,163	2,222	2,324	2,380	97	93	99	100	96	98	98	98	97	249	106	70	27	10	21	2
Plains	572	483	1,414	1,614	1,856	2,081	2,134	2,273	2,321	81	81	100	90	91	94	94	96	95	306	147	64	14	15	25	2
Minnesota.....	598	526	1,404	1,648	1,863	2,074	2,159	2,245	2,332	85	88	99	92	91	94	95	95	95	290	135	66	17	13	25	4
Iowa.....	577	501	1,547	1,559	1,864	2,020	2,093	2,191	2,274	82	84	109	87	91	91	92	93	93	294	168	47	1	20	22	4
Missouri.....	628	524	1,384	1,715	1,951	2,204	2,271	2,401	2,508	89	88	97	96	95	99	100	101	103	290	120	81	24	14	29	4
North Dakota.....	375	350	1,383	1,246	1,493	1,746	1,562	2,305	2,030	53	59	97	70	73	79	69	97	83	441	269	47	-10	20	36	-12
South Dakota.....	417	359	1,451	1,345	1,600	1,851	1,848	2,065	1,932	59	60	102	75	78	83	82	87	79	363	248	33	-7	19	21	-6
Nebraska.....	590	499	1,463	1,605	1,892	2,138	2,149	2,330	2,293	84	74	103	90	92	96	95	98	94	289	148	57	10	18	21	-2
Kansas.....	535	426	1,276	1,637	1,809	2,060	2,126	2,192	2,231	76	72	90	92	88	93	94	93	91	317	139	75	28	11	23	2
Southeast	368	343	968	1,237	1,446	1,601	1,654	1,740	1,819	52	58	68	69	71	72	73	74	74	394	163	88	28	17	26	5
Virginia.....	435	466	1,112	1,484	1,671	1,850	1,887	1,984	2,066	62	78	78	83	82	83	83	84	85	375	156	86	33	13	24	4
West Virginia.....	462	407	1,146	1,307	1,636	1,675	1,726	1,787	1,872	66	68	81	73	80	76	76	76	77	305	148	63	14	25	14	5
Kentucky.....	391	320	965	1,250	1,429	1,536	1,635	1,711	1,789	56	54	68	70	70	69	72	72	73	358	147	85	30	14	25	5
Tennessee.....	377	339	935	1,218	1,401	1,538	1,621	1,694	1,776	54	57	66	68	68	69	72	72	73	371	148	90	30	15	27	5
North Carolina.....	334	328	943	1,172	1,345	1,561	1,637	1,742	1,813	48	55	66	66	66	70	72	74	74	443	182	92	24	15	35	4
South Carolina.....	270	307	879	1,141	1,210	1,379	1,439	1,537	1,584	38	52	62	64	59	62	63	65	65	487	226	80	30	6	31	3
Georgia.....	350	340	948	1,239	1,418	1,610	1,643	1,767	1,865	50	57	67	69	69	73	72	75	76	433	171	97	31	14	32	6
Florida.....	521	513	1,184	1,535	1,829	1,967	1,971	2,053	2,111	74	86	83	86	89	89	87	87	86	305	127	78	30	19	15	3
Alabama.....	324	282	856	1,084	1,325	1,462	1,487	1,586	1,656	46	47	60	61	65	66	66	67	68	411	164	93	27	22	25	4
Mississippi.....	285	218	753	886	992	1,168	1,240	1,278	1,379	41	37	53	50	48	53	55	54	56	384	164	83	18	12	39	8
Louisiana.....	415	363	1,002	1,295	1,565	1,605	1,629	1,684	1,768	59	61	71	72	76	72	71	72	326	141	76	29	21	13	5	
Arkansas.....	305	256	846	995	1,148	1,338	1,448	1,489	1,598	43	43	60	56	56	60	64	63	65	424	177	89	18	15	39	7
Southwest	474	418	1,173	1,529	1,772	1,906	1,947	1,996	2,027	67	70	83	86	87	86	86	84	83	328	147	73	30	16	14	2
Oklahoma.....	454	373	1,129	1,476	1,641	1,841	1,869	1,905	1,953	65	63	80	83	80	83	82	81	80	330	149	73	31	11	19	3
Texas.....	478	432	1,187	1,549	1,815	1,917	1,966	2,012	2,046	68	73	84	87	89	86	87	85	84	328	148	72	30	17	13	2
New Mexico.....	407	375	1,075	1,361	1,610	1,806	1,800	1,866	1,885	58	63	76	76	79	81	79	79	77	364	164	76	27	18	17	1
Arizona.....	591	497	1,242	1,610	1,806	2,014	2,044	2,129	2,115	84	84	87	90	88	91	90	90	87	258	110	70	30	12	17	-1
Rocky Mountain	596	531	1,387	1,667	1,884	2,084	2,111	2,237	2,244	85	89	98	93	92	94	93	95	92	277	133	62	20	13	19	0
Montana.....	595	570	1,596	1,798	1,934	2,004	1,923	2,245	2,239	85	96	112	101	94	90	85	95	92	276	168	40	13	8	16	0
Idaho.....	503	464	1,281	1,499	1,678	1,765	1,808	1,936	1,934	72	78	90	84	82	80	80	82	79	284	155	51	17	12	15	0
Wyoming.....	677	608	1,554	1,854	2,012	2,304	2,268	2,380	2,427	96	102	109	104	98	104	100	101	99	258	130	56	19	9	21	2
Colorado.....	637	546	1,394	1,714	1,989	2,283	2,343	2,388	2,386	91	92	98	96	97	103	103									

rule, only a few industries were responsible for the bulk of the outshift of income. Moreover, in general, the same industries were losers in each of the three regions.

With only occasional exception, industries experiencing substantially below-average growth in each of these 3 industrialized regions included those producing for export to other regions such as primary and fabricated metals, electrical and nonelectrical machinery and nonautomotive transportation equipment.

Because population growth in these three regions has been well below average since 1948, industries producing services for consumption by the local population of these areas also expanded less than did the national average. These include trade, finance, State and local government, and services. On the average, these nine major industries accounted for two-thirds of the shortfall in New England, the Mideast, and Great Lakes.

In some industries, losses due to changes in the geographic distribution of industry were highly concentrated. The migration of the textile industry to the South contributed heavily to New England's income lag. In the Mideast, slower growth stemmed from an outshift of Federal activities, and from losses in the share of apparel and chemical manufacturing. In the Great Lakes, a shift of automotive production to other parts of the Nation and a slowdown in construction activity contributed to the unfavorable experience of this region.

In the Plains States, the story is one of the spreading effects of agricultural decline on industrial activity and population. The reduction in farm income from 1948 to 1962 was primarily responsible for a net loss of nearly one-half billion dollars. It was accompanied by outmigration of the population which in turn, led to below average gains in industries which service the population of the area. These were large in trade, service, and State and local governments.

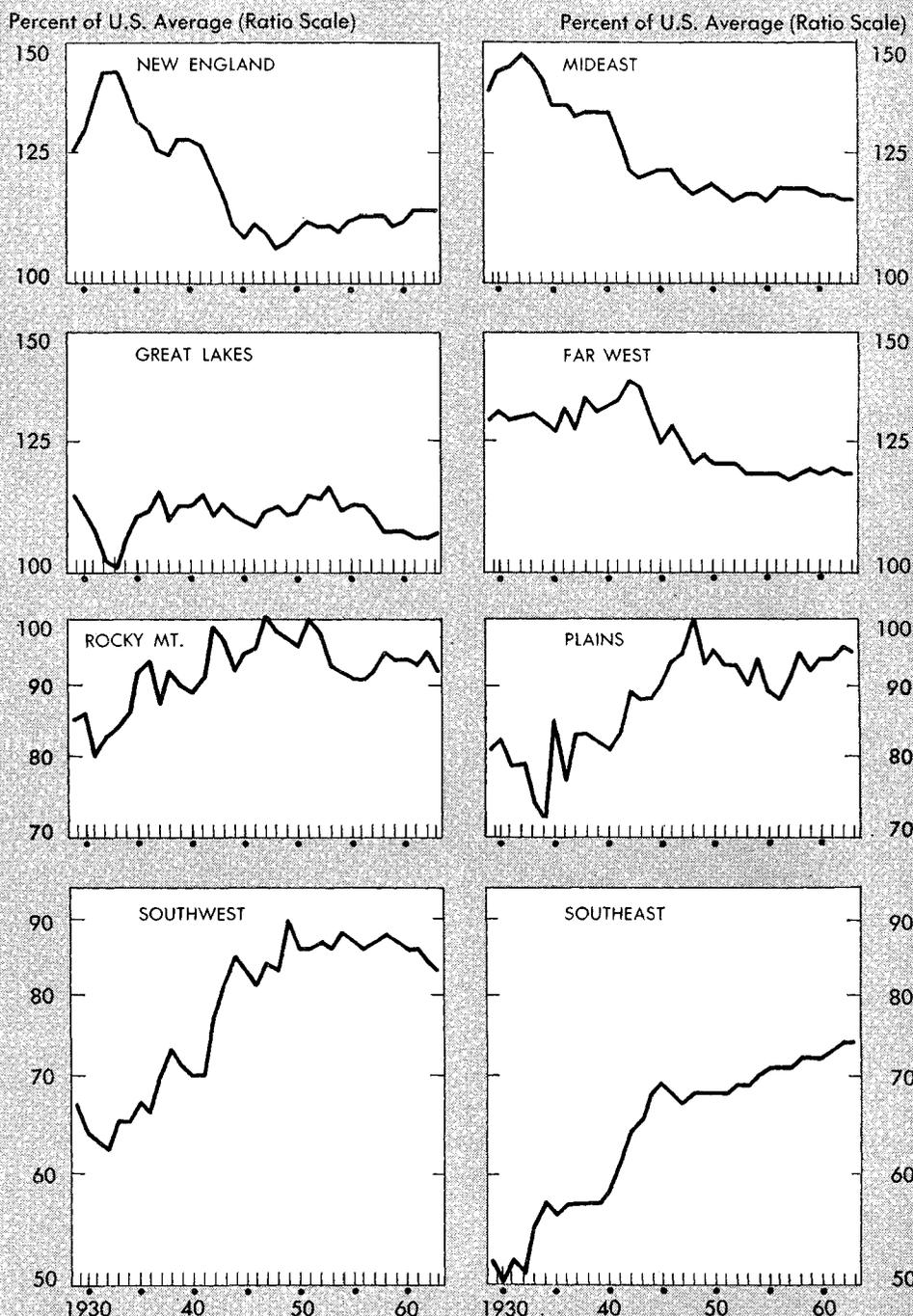
The share losses of the northern and central regions were mirrored in the gains of the southern and western

sections—as can be seen from the foregoing text tabulation.

Gains were widespread in the Southeast, Southwest, and Far West. In the Rocky Mountain States they were fewer and tended to concentrate in those industries meeting the needs of the local population rather than producing for export from the region.

Gains of particular importance included the shift of food, textiles, and apparel into the Southeast; of non-automotive transportation equipment into the Southwest and Far West; of primary and fabricated metals to the West Coast; and the spectacularly swift growth of services in the Far West.

PER CAPITA PERSONAL INCOME AS A PERCENT OF NATIONAL AVERAGE



Changes in weapons system

The single most important development influencing industry-mix in certain areas was the changing structure of defense procurement.⁴ There has been a shift of major proportions in the weapons system of the Defense Department. At the end of the Korean conflict (1953), tanks, other vehicles, weapons, ammunition, etc., constituted half of the military hard goods bought. By 1961, this proportion had dropped to one-eighth. Conversely, missiles and electronics accounted for about 12 percent of prime contract awards in 1953, but by 1961 they took up more than half of all prime military hard goods contracts.

With the concentration of the more conventional types of military hard goods in the Mideast, Great Lakes, and New England areas, and with the tendency for missile and electronic production to be located in the South and West, the shift in defense purchases has had a dramatic effect on regional economic activity. This is illustrated by the following tabulation of the share of total military prime contract awards made in each region during 1951-53 and in 1961. Figures for selected States are also shown.

Percent distribution of total military prime contract awards

	1951-53	1961
New England.....	8.1	10.5
Massachusetts.....	2.8	4.8
Mideast.....	28.8	23.1
New York.....	15.3	12.0
Great Lakes.....	27.4	11.8
Michigan.....	9.5	2.7
Indiana.....	4.5	1.6
Illinois.....	5.0	2.0
Ohio.....	6.3	4.5
Wisconsin.....	2.0	1.0
Plains.....	6.8	5.8
Missouri.....	2.3	1.5
Southeast.....	7.1	10.5
Florida.....	.4	2.2
Virginia.....	1.0	2.3
Southwest.....	4.1	7.1
Texas.....	3.2	5.1
Rocky Mountain.....	.4	4.3
Colorado.....	.2	2.1
Utah.....	.1	1.6
Far West.....	17.9	26.9
California.....	13.6	23.9
Washington.....	4.0	2.9

The coincidence between changes in participation income and in shares of defense purchases is too striking to require elaboration. New England is the only region to run counter to pattern. This is a reflection of the sharp increase in contracts let in Massachu-

setts—a development due in part to the superior research and development facilities associated with the State's educational system.

It should be noted that due to an insufficiently detailed industrial classification, some of the foregoing mix effects do not show up in table 4 as industry-mix effects but rather as the results of changes in regional-shares. This is a striking example of the influence that the degree of disaggregation has on the statistical separation of industry-mix and regional-share factors.

Effects of farm income

Comparison of column E with column J of table 3 indicates that farm income played a larger role than did any other single industry in changing the geographic distribution of income from 1948 to 1962. Its impact in this respect was transmitted mainly through the industry-mix effects. Agriculture is a slow-growth industry—more specifically, it was one of the few industries to show an actual decline from 1948 to 1962. Furthermore, agriculture is distributed throughout the Nation much more unevenly than most other major industries. Given these two factors, it is to be expected that agriculture would have substantial influence in determining the effects of industry-mix on changes in income.

Elimination of farm income from the overall aggregate changes the effects of industry-mix greatly. State differences in industry-mix, including agriculture, caused a shift of about \$10 billion from 1948 to 1962; most of it boosted the incomes of the Northern and Central States and reduced those in the South and West, thereby offsetting much of the effects of area shifts in industries. With agriculture excluded, the geographic redistribution of income due to industry-mix is reduced from \$10 billion to \$2 billion, and in most areas its effects are small.

In several States, however, the industry-mix of the nonfarm economy had considerable effect. Pennsylvania suffered the largest outshift of income due to unfavorable industry-mix. This stemmed mainly from the high proportion of coal mining and textiles in the State's economy.

Industry-mix had an adverse effect on participation income in the Southeast even apart from that due to agriculture. In West Virginia and Kentucky, coal mining exerted a dampening effect; in the two Carolinas and Georgia, textiles limited the relative growth of income even though these States have increased their shares of the industry total.

In the Far West, nonfarm industry-mix caused a relative increase in income. This was the result of a high proportion of services, State and local government, finance, automotive production, and construction in the area economy.

Investment and Transfer Income

The preceding discussion of changes in income from participation in current production accounts for the bulk of the total income change. Two major components of income—property income (rents, dividends, and interest) and transfer payments—have been omitted because they cannot be allocated industrially.

Together these two components added \$64 billion to the income flow between 1948 and 1963. As shown by the accompanying tabulation, changes in property income generally contributed to the relative shift of the income share from the northeast and central regions to the South and West. Since saving from which investments are made is accumulated out of current income, and since the geographic trend of income change to the South and West has been underway for many years, the relative shift in property income was to be expected.

	Percent increase 1948-62 in—		
	Participation income	Property income	Transfer payments
United States.....	103	149	207
New England.....	97	112	220
Mideast.....	92	127	195
Great Lakes.....	87	138	197
Plains.....	73	146	199
Southeast.....	114	186	206
Southwest.....	128	171	172
Rocky Mountain.....	117	200	178
Far West.....	153	197	281

The amount paid out in the form of transfers depends mainly on population and public policy. Because there was much less variation in rates of change in transfer payments than in income from current production, transfers tended to retard the geographic redistribution of income.

⁴ The following paragraphs are based on *The Changing Patterns of Defense Procurement*, Office of the Secretary of Defense, June, 1962.

Population and Per Capita Incomes

In the following section income trends are viewed as the result of developments in population and per capita incomes. This way of examining changes in the geographic distribution of income differs from that in the previous section where they were seen as the product of industrial forces.

These two approaches throw light on important, and very different, elements of the overall picture. Doubtless there are still other ways of decomposing the total change in income into economically significant factors.

Population changes exercised a powerful influence on the redistribution of income among States over the 1948-63 span. It should be noted that references in this report to relative

losses refer to declines in the *share* or to *below-average* rates of growth and not to absolute income or population losses.

The shift of population after 1948 was from the northeast and central plains to the southwest and west. When weighted by income, there is close coincidence between relative gains and losses in income and in population on both a State and regional

Table 3.—Components of Change in Income from Participation in Current Production, 1948-62¹

[Millions of dollars]

	Total Participation Income ²					Nonagricultural Participation Income ²				
	Changes due to effect of:			Total change ³	Net relative change ⁴	Changes due to effect of:			Total change ³	Net relative change ⁴
	National growth	Industry-mix	Regional-share			National growth	Industry-mix	Regional-share		
A	B	C	D	E	F	G	H	I	J	
United States	173,667			173,667		177,284			177,284	
New England	11,182	1,122	-1,702	10,602	-580	12,435	-54	-1,617	10,764	-1,671
Maine.....	884	-104	-190	590	-294	888	-86	-160	642	-246
New Hampshire.....	534	-32	-54	535	23	584	-77	60	567	-17
Vermont.....	342	-36	-47	259	-83	334	-18	-42	274	-60
Massachusetts.....	5,644	749	-1,200	5,193	-451	6,387	26	-1,172	5,241	-1,146
Rhode Island.....	955	8	-296	667	-289	1,087	-122	-295	670	-417
Connecticut.....	2,823	537	-23	3,337	514	3,155	223	-8	3,370	215
Mideast	44,577	5,422	-9,848	40,151	-4,426	49,986	252	-9,663	40,575	-9,411
New York.....	21,191	3,209	-5,662	18,738	-2,453	23,858	640	-5,577	18,921	-4,937
New Jersey.....	6,521	1,182	9	7,712	1,191	7,338	398	23	7,759	421
Pennsylvania.....	12,391	15	-4,025	8,381	-4,010	13,813	-1,329	-3,935	8,549	-5,264
Delaware.....	415	32	169	607	192	440	13	152	605	165
Maryland.....	2,769	516	787	4,072	1,303	3,051	258	790	4,099	1,048
District of Columbia.....	1,290	468	-1,117	641	-649	1,486	272	-1,116	642	-844
Great Lakes	40,378	1,456	-8,950	33,744	-6,634	42,164	350	-7,573	34,941	-7,223
Michigan.....	8,275	622	-1,832	7,065	-1,210	8,974	11	-1,769	7,216	-1,758
Ohio.....	10,232	744	-1,896	9,080	-1,152	10,980	122	-1,718	9,384	-1,596
Indiana.....	4,837	-116	-579	4,162	-695	4,806	59	-545	4,320	-486
Illinois.....	13,030	432	-3,432	10,030	-3,000	13,536	156	-3,218	10,474	-3,062
Wisconsin.....	3,984	-226	-351	3,407	-577	3,868	2	-323	3,547	-321
Plains	16,523	-4,438	-268	11,817	-4,706	12,995	38	121	13,154	159
Minnesota.....	3,450	-662	-58	2,730	-720	2,958	-10	131	3,079	121
Iowa.....	3,436	-1,519	-552	1,365	-2,071	2,104	2	-206	1,900	-294
Missouri.....	4,440	-415	-206	3,819	-621	4,225	-60	-134	4,031	-194
North Dakota.....	717	-405	224	536	-181	374	7	40	421	47
South Dakota.....	802	-444	86	444	-358	415	22	69	596	91
Nebraska.....	1,606	-505	86	1,126	-430	1,120	35	67	1,222	192
Kansas.....	2,072	-427	152	1,797	-275	1,709	42	154	1,905	196
Southeast	26,538	-3,929	7,169	29,778	3,240	25,309	-1,863	6,767	30,213	4,904
Virginia.....	3,106	184	604	3,954	858	3,175	173	4,023	4,848	848
West Virginia.....	1,876	-638	-649	589	-1,287	2,024	-759	-602	663	-1,361
Kentucky.....	2,283	173	1,887	2,069	-416	2,069	-286	147	1,930	-139
Tennessee.....	2,546	-226	137	2,457	-80	2,453	-58	176	2,571	118
North Carolina.....	3,140	-872	1,413	3,681	541	2,888	-502	1,207	3,593	705
South Carolina.....	1,523	-386	478	1,615	92	1,443	-257	463	1,649	206
Georgia.....	2,633	-312	1,039	3,360	727	2,602	-214	960	3,378	746
Florida.....	2,421	337	3,149	5,907	3,486	2,560	234	2,812	5,606	3,046
Alabama.....	2,178	-384	332	2,126	-52	2,060	-195	365	2,200	170
Mississippi.....	1,348	-479	146	1,015	-333	954	9	236	1,199	245
Louisiana.....	2,169	-50	216	2,335	166	2,147	27	226	2,400	253
Arkansas.....	1,315	-514	71	872	-443	934	-40	107	1,001	67
Southwest	10,772	-722	3,481	13,531	2,759	10,296	82	3,173	13,551	3,255
Oklahoma.....	1,925	-226	47	1,746	-180	1,762	8	121	1,891	129
Texas.....	7,569	-451	1,771	8,889	1,320	7,332	2	1,526	8,860	1,528
New Mexico.....	546	-18	492	1,020	474	511	35	465	1,011	500
Arizona.....	731	-27	1,171	1,875	1,144	691	37	1,061	1,789	1,098
Rocky Mountain	3,865	-691	1,280	4,454	589	3,422	-90	1,253	4,585	1,163
Montana.....	754	-275	27	506	-248	566	-40	-23	503	-63
Idaho.....	622	-196	74	500	-122	486	-25	57	518	32
Wyoming.....	367	-72	-30	265	-102	336	-28	-40	268	-68
Colorado.....	1,439	-129	898	2,208	769	1,339	20	947	2,306	967
Utah.....	683	-19	311	975	292	695	-17	312	990	295
Far West	19,834	1,780	7,978	29,591	9,758	20,677	1,285	7,539	29,501	8,824
Washington.....	3,066	174	-284	2,956	-111	3,113	192	-278	3,027	-86
Oregon.....	1,946	-211	-201	1,534	-411	1,956	-176	-187	1,593	-363
Nevada.....	230	5	482	717	487	231	9	487	727	496
California.....	14,591	1,812	7,981	24,384	9,793	15,377	1,260	7,517	24,154	8,777

¹ Derivation of each component is explained on page 20.

² Income from participation in current production is the sum of wages and salaries, proprietors' income, and other labor income.

³ Sum of columns A, B, and C for total participation income and of F, G, and H for nonagricultural participation income.

⁴ Sum of columns B and C for total participation income and of G and H for nonagricultural

participation income. Represents the amount by which a State or region exceeded or fell short of the national rate of growth.

NOTE.—An industry distribution of column B is given in table 4 and of column C in table 5. Figures are not available for Alaska and Hawaii because of their exclusion from the State Series in 1948 (prior to Statehood). Detail will not add to totals due to rounding.

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

basis. Only in the Southeast and Great Lakes, and to a lesser extent in New England, were there substantial departures from this parallelism. In the Southeast, population changes accounted for only a small portion of the above-average income expansion. The bulk of that region's income improvement came from higher average incomes generated within its economy. A reverse situation obtained in the Great Lakes States, which sustained a sizable loss in its income share in the postwar period. Only a minor portion of this can be explained by population shifts; the bulk of the decline reflects a less-than-average rise in income per person. In the New England States, increased average incomes relative to the national figure offset a large portion of the income loss due to the population shift.

In order to examine more closely the relationship between geographical shifts in income and population, the latter have been divided into changes due to: (1) natural increase, (2) domestic nonwhite migration, (3) domestic white migration, and (4) net immigration from abroad. State figures for items 1 and 2, and for 3 and 4 combined were obtained from Census of Population data. The series, which covered the years 1950-60, were extended to 1962 on the basis of the trend of the past decade. Net immigration from abroad was estimated by States from information obtained from the Bureau of the Census and from the Immigration Service.

For the purpose of obtaining a rough approximation of the effect of population change on the geographic distribution of income, the number of migrants in each group was multiplied by an assumed average income of that particular group in each State. Per capita incomes of domestic migrants—separately for whites and nonwhites—was assumed to be the same as those of nonmigrants; however, estimates for each State were computed from relationships between the median incomes of whites, nonwhites, and the total population as derived from State data in the 1960 Census of Population. Average incomes of immigrants from abroad were assumed to be three-fourths that of the residents of the State to

which they immigrated. Average incomes of those in the natural-increase component were assumed to equal the overall per capita income in the appropriate State.

The national total of change due to each of the 4 components was derived as the sum of the product of the number of persons and their assumed per capita income in each State. Next, these national totals were allocated in accordance with the State distribution of total income in the base period in order to derive distributions of the components had each State shared proportionately in the income effect of change in the several components population growth. The difference between the "actual" distribution and the "proportionate" distribution formed a measure of the effect of the particular component of population change on the total income distribution.

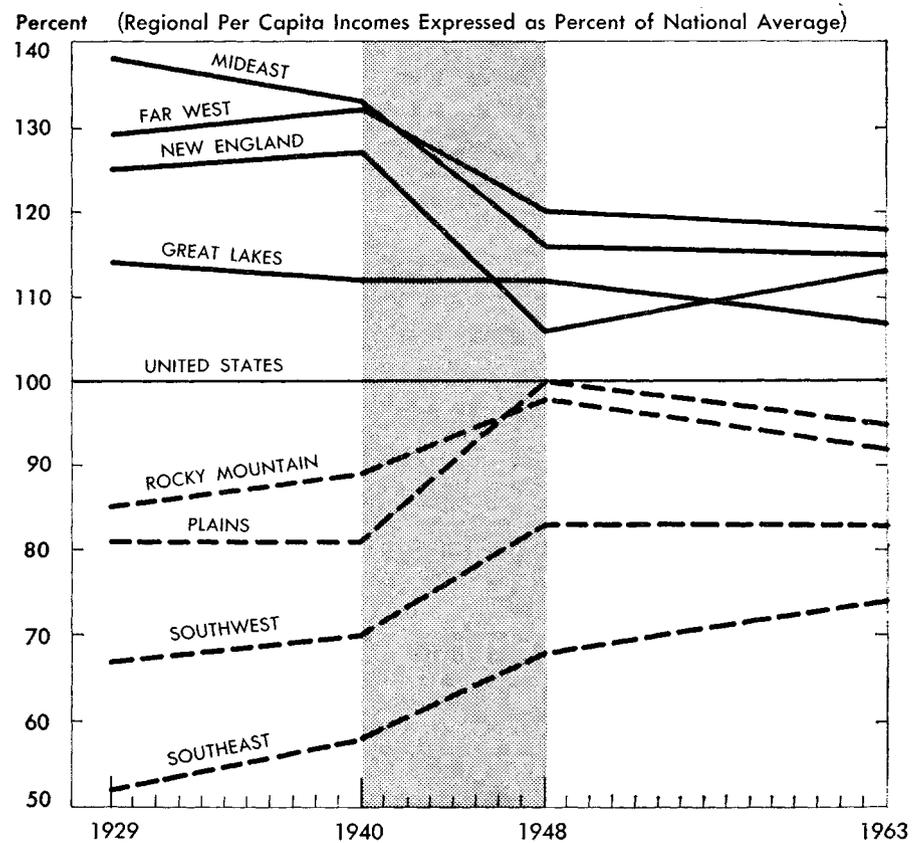
Effects of nonwhite migration

Migration of the nonwhite population was a strong factor in the redistribution of income among States. It appears that an income shift of close to \$2 billion may have resulted from the migration of this group. Except in California, its impact, where significant, generally ran counter to relative changes in the income flow.

Essentially, migration of nonwhites was from the South to the North and West with a handful of States accounting for the bulk of the movement. More than half of the income shifts due to this migration centered in the five States of North Carolina, South Carolina, Georgia, Alabama, and Mississippi. This outmigration of Negroes accounts in part for the tapering in the rate of overall income growth which

RELATIVE REGIONAL DIFFERENCES IN PER CAPITA PERSONAL INCOME

Regional Differences in Average Income Levels Narrowed Sharply During World War II and Reconversion; Since Then Convergence Has Been Small



characterized the Southeast during the postwar years.

New York, Illinois, and California received the bulk of the relative gains stemming from the migration of Negroes, with most of the remainder accruing to New Jersey, Michigan, Ohio, and the District of Columbia.

The impact of nonwhite migration is assessed here in terms of changes in aggregate income only. Its effect on

geographic differences in such items as economic welfare, fiscal capacity, and tax structures may have been quite different. Certainly its effect on per capita income levels was the opposite of its impact on total income.

Migration of the white population

Internal migration of the white population contributed even more to income

redistribution among States and regions than did that of the nonwhites, although the impact was more widely diffused among States. Generally, the force of this factor was in accord with the changes in overall economic activity, with migrants moving from the northern and central States to the southern and western areas.

In dollar terms, the largest outshifts occurred in the Mideast, with the bulk

Table 4.—Industrial Breakdown of Income

[Millions of dollars]

	Industries with below-average rate of growth																
	Mining payrolls				Manufacturing payrolls									Participation income ²			Other
	Metal	An-thra-cite	Bitu-minous	Crude petroleum	Food	To-bacco	Tex-tiles	App-arel	Lum-ber and furni-ture	Petroleum refin-ing	Leather	Motor vehicles and equip-ment	Ma-chinery except elec-trical	Agricul-ture	Trans-portion	Trade	
United States	-136	-499	-2,289	-67	-1,081	-44	-3,368	-1,326	-1,535	-469	-600	-166	-10	-23,358	-4,504	-5,524		-1,655
New England	(5)	(5)	(5)	(5)	-18	-1	-808	-82	-84	-8	-166	-1	-1	-463	-191	-336	-95
Maine.....					-6		-74	-1	-25		-22			-135	-18	-25	-8
New Hampshire.....					-1	(5)	-60	-2	-11		-29			-32	-9	-15	-5
Vermont.....	(5)				-2		-14	-2	-10	(5)	-1			-62	-8	-10	-4
Massachusetts.....	(5)		(5)	(5)	-30	(5)	-364	-55	-30	-5	-110	-1	(5)	-119	-101	-183	-51
Rhode Island.....					-3		-176	-2	-1	-1	-1	(5)	(5)	-14	-13	-27	-10
Connecticut.....					-7	(5)	-120	-20	-6	-1	-3	(5)	(5)	-100	-42	-77	-18
Mideast	-10	-499	-544	-2	-252	-12	-951	-842	-193	-137	-198	-15	-2	-1,410	-1,207	-1,478	-547
New York.....	-7		-1	-1	-117	-2	-278	-590	-106	-31	-125	-7	-1	-572	-539	-796	-299
New Jersey.....	-2		(5)		-38	-2	-216	-89	-22	-35	-19	-3	(5)	-180	-170	-193	-72
Pennsylvania.....	-1	-499	-535	-2	-70	-8	-408	-135	-52	-66	-43	-4	-1	-475	-373	-357	-146
Delaware.....					-3		-9	-1	-1	(5)	-5	(5)		-39	-16	-11	-2
Maryland.....			-8		-21	(5)	-40	-26	-11	-5	-6	-1	(5)	-143	-85	-85	-24
District of Columbia.....					-4			(5)	-1					-24	-36	-4	-4
Great Lakes	-14		-365	-5	-292	-3	-142	-150	-292	-82	-118	-136	-5	-4,461	-976	-1,214	-287
Michigan.....	-11		(5)	-1	-39	(5)	-17	-9	-62	-5	-10	-97	-1	-574	-134	-242	-51
Ohio.....	(5)		-106	-1	-52	-1	-41	-39	-59	-19	-24	-14	-2	-827	-278	-299	-71
Indiana.....			-64	(5)	-34	(5)	-17	-15	-46	-28	-4	-14	(5)	-809	-127	-134	-29
Illinois.....	(5)		-195	-3	-128	(5)	-37	-76	-80	-29	-45	-5	-2	-1,512	-358	-420	-117
Wisconsin.....	-2				-40	(5)	-30	-10	-46	-2	-34	-7	-1	-739	-79	-118	-18
Plains	-28		-24	-3	-154	-1	-23	-60	-58	-17	-62	-4	-1	-6,183	-459	-512	-79
Minnesota.....	-19				-38		-13	-11	-17	-3	-3	-1	(5)	-1,041	-103	-114	-17
Iowa.....			-5		-33		-3	-4	-11		-1	(5)	(5)	-1,806	-68	-91	-12
Missouri.....	-6		-9		-40	-1	-7	-42	-22	-5	-58	-3	(5)	-912	-144	-157	-25
North Dakota.....			-3		-2			(5)	(5)					-462	-16	-20	-2
South Dakota.....	-2				-5			-2	-2					-520	-11	-20	-1
Nebraska.....					-17			-1	-2	(5)	(5)	(5)		-748	-46	-49	-5
Kansas.....	-1		-6	-3	-20		(5)	-2	-3	-10	(5)	(5)	-1	-694	-73	-62	-19
Southeast	-14		-1,250	-9	-126	-27	-1,386	-101	-405	-50	-40	-3	(5)	-5,396	-703	-771	-199
Virginia.....	-1		-92		-11	-6	-94	-12	-40	(5)	-8	(5)		-414	-97	-87	-14
West Virginia.....			-732	-1	-5	-1	-8	-3	-12	-4	-2	(5)		-141	-55	-42	-9
Kentucky.....			-276	-1	-18	-3	-8	-12	-24	-2	-4	(5)	(5)	-575	-75	-60	-12
Tennessee.....	-2		-36		-15	-1	-78	-15	-64	-1	-17	-1		-492	-71	-79	-12
North Carolina.....	(5)		(5)		-10	-13	-311	-8	-68	(5)	-2	(5)		-747	-55	-83	-30
South Carolina.....					-4	-1	-318	-7	-23	(5)	-1			-320	-22	-38	-8
Georgia.....	(5)		(5)		-16	(5)	-230	-21	-42	(5)	-3	-1		-442	-70	-88	-23
Florida.....	(5)				-14	-3	(5)	-2	-25	(5)	-4			-236	-73	-96	-14
Alabama.....	-9		-105		-7	(5)	-121	-6	-36	(5)	-1	(5)		-461	-61	-59	-20
Mississippi.....					-4		-9	-8	-32	(5)		(5)		-614	-23	-36	-18
Louisiana.....					-16	(5)	-4	-5	-34	-32	(5)	(5)		-361	-70	-69	-26
Arkansas.....	-2		-10		-5		-3	-2	-36	-4	-3	(5)		-596	-30	-34	-14
South west	-26		-19	-37	-51	(5)	-22	-21	-60	-104	-3	-1	(5)	-2,164	-313	-367	-185
Oklahoma.....	-2		-11	-10	-10		-3	-1	-6	-19	(5)	(5)		-467	-46	-64	-19
Texas.....	-1		(5)	-25	-37	(5)	-19	-20	-46	-84	-3	-1	(5)	-1,420	-231	-264	-100
New Mexico.....	-4		-7	-1	-1		(5)		-3	-1	(5)	(5)		-121	-16	-16	-3
Arizona.....	-18				-3			(5)	-5		(5)	(5)		-156	-20	-24	-3
Rocky Mountain	-34		-78	-3	-24		-1	-2	-33	-10	-2	(5)		-1,054	-134	-125	-36
Montana.....	-10		-5	(5)	-3				-8	-2		(5)		-310	-28	-21	-16
Idaho.....	-8				-4				-18	(5)				-235	-17	-20	-5
Wyoming.....	(5)		-20	-2	-1				-1	-6				-89	-19	-10	-2
Colorado.....	-5		-28	-1	-11		(5)	-2	-4	-1	-2	(5)		-328	-44	-51	-10
Utah.....	-11		-27	(5)	-5		-1	-1	-2	-2	(5)			-94	-25	-23	-4
Far West	-10		-8	-8	-133	-1	-35	-68	-410	-60	-11	-5	(5)	-2,227	-521	-721	-227
Washington.....	-2		-8		-20		-2	-3	-117	(5)	-1	(5)		-430	-86	-102	-22
Oregon.....	(5)				-12		-8	-3	-156	(5)	-1	(5)		-294	-52	-70	-36
Nevada.....	-4				(5)				-1			(5)		-36	-10	-8	-2
California.....	-5		(5)	-8	-100	-1	-25	-62	-136	-59	-10	(5)		-1,468	-374	-542	-167

¹ These data represent an industrial distribution of totals in column 2, table 3.

² Consists of payrolls, other labor income, and proprietors' income.

³ Includes proprietor's incomes and other labor income in manufacturing and mining and participation income in several minor industries.

sustained by New York, Pennsylvania, and the District of Columbia. In proportion to the aggregate income base, however, by far the largest impact of migration occurred in the Plains States, where income in 1962 is estimated as \$2 billion, or 6 percent, less than it would have been had no out-migration occurred. In New England, the main migration was from Massachusetts, while in the Great Lakes it

was from Illinois, Wisconsin, and Michigan.

The Southeast provided an exception to pattern. In that expanding economy, migration of whites reduced the income share in all States except Virginia, Louisiana, and Florida. In Florida, a tremendous influx of white migrants from other parts of the country accounted for more than three-fourths of the State's total net gain in income,

and almost balanced the below-average income gains of the other States of the region.

Migration of the white population added to the income flow in the other southern and western regions. In the Southwest and Rocky Mountain States, the increment was small; in the Far West, it accounted for about two-thirds of the income increase scored by the region.

Change Due to Industry-Mix Effects, 1948-62¹

(Millions of dollars)

	Industries with above-average rate of growth																			Total all industries ⁴
	Non-metallic mining pay-rolls	Manufacturing payrolls							Participation income ²					Government			Other ³			
		Paper	Printing	Chemicals	Rubber	Stone, clay, and glass	Ordnance, primary and fabricated metals	Instruments and miscellaneous	Electrical machinery	Non-motive transportation equipment	Construction	Communication and public utilities	Service	Finance	State and local	Civilian		Military		
United States	55	640	419	1,202	123	84	855	392	3,322	2,572	2,914	1,433	9,067	5,693	11,990	2,799	2,741	112	-----	
New England	2	92	28	50	20	4	67	72	421	218	168	104	695	448	810	141	146	14	1,122	
Maine.....	(3)	25	1	1	(3)	(3)	1	1	(3)	10	15	8	7	38	19	66	12	10	3	
New Hampshire.....	(3)	10	1	(3)	(3)	(3)	1	1	4	(3)	8	6	28	14	41	10	9	(3)	-104	
Vermont.....	(3)	3	1	(3)	(3)	1	(3)	1	2	(3)	5	3	18	8	26	4	4	(3)	-32	
Massachusetts.....	(3)	43	18	32	12	2	22	32	270	60	83	54	321	243	452	81	69	7	749	
Rhode Island.....	(3)	1	2	2	3	(3)	6	12	19	1	12	16	46	31	57	16	35	1	8	
Connecticut.....	(3)	10	6	15	6	1	37	26	125	147	45	24	154	132	168	17	22	2	537	
Mideast	10	175	156	446	21	27	272	184	1,329	801	666	420	2,676	2,065	3,130	850	489	20	5,422	
New York.....	4	87	101	141	5	8	67	118	486	241	279	215	1,462	1,290	1,782	256	136	9	3,209	
New Jersey.....	1	32	12	158	8	5	30	35	375	171	120	62	304	256	403	64	129	3	1,182	
Pennsylvania.....	4	48	31	88	5	13	156	27	422	232	102	574	365	694	162	79	4	15	15	
Delaware.....	1	1	(3)	39	1	1	(3)	(3)	4	2	2	2	15	24	3	2	(3)	4	32	
Maryland.....	1	6	5	18	2	1	16	3	45	153	63	26	156	96	159	119	90	3	516	
District of Columbia.....	1	1	6	(3)	(3)	(3)	(3)	(3)	(3)	16	12	100	44	58	246	52	1	1	468	
Great Lakes	11	190	120	267	63	24	362	92	1,266	536	612	399	1,801	1,141	2,568	369	257	14	1,456	
Michigan.....	2	40	14	65	7	3	72	12	114	89	122	64	380	193	628	53	38	2	622	
Ohio.....	3	48	28	75	43	12	124	24	382	198	163	73	446	265	590	112	56	5	744	
Indiana.....	2	12	9	37	7	4	49	7	198	136	32	182	107	294	39	20	2	2	-116	
Illinois.....	3	40	60	79	3	6	94	41	479	197	111	652	477	768	137	129	4	4	432	
Wisconsin.....	1	50	9	11	3	1	23	8	93	24	58	30	160	98	287	29	13	1	-226	
Plains	5	27	32	60	3	6	28	14	148	110	248	112	675	436	1,033	189	112	6	-4,438	
Minnesota.....	1	13	9	9	(3)	2	8	3	34	4	58	24	148	103	255	34	13	2	-662	
Iowa.....	1	2	5	8	1	1	4	3	15	7	43	18	116	70	193	21	10	1	-1,519	
Missouri.....	2	11	12	30	(3)	3	13	6	89	48	70	37	219	155	230	68	23	2	-415	
North Dakota.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	9	4	20	9	47	8	2	(3)	-405	
South Dakota.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	10	4	24	11	51	10	7	(3)	-444	
Nebraska.....	(3)	(3)	2	3	(3)	(3)	1	1	7	4	22	8	62	46	111	22	12	(3)	-566	
Kansas.....	1	2	3	8	(3)	1	(3)	(3)	4	46	36	17	87	43	146	26	46	1	-427	
Southeast	14	99	29	241	6	12	57	10	63	215	441	186	1,300	683	1,768	541	869	25	-3,929	
Virginia.....	1	13	3	52	(3)	1	3	1	(3)	82	47	20	137	88	193	160	251	5	184	
West Virginia.....	(3)	2	2	44	(3)	5	13	1	17	9	25	20	66	31	121	14	10	(3)	-638	
Kentucky.....	1	1	3	9	1	1	7	2	13	4	34	15	96	45	127	32	93	1	-589	
Tennessee.....	2	6	4	64	3	1	9	2	6	6	45	13	128	78	168	55	37	1	-226	
North Carolina.....	1	12	3	8	(3)	1	2	1	18	3	48	17	142	62	199	34	108	2	-872	
South Carolina.....	1	8	1	4	(3)	(3)	(3)	(3)	3	22	8	66	29	98	27	86	1	1	-346	
Georgia.....	2	11	4	11	(3)	1	2	1	4	4	45	22	139	83	164	54	75	4	-312	
Florida.....	3	10	4	8	(3)	1	1	1	18	71	19	195	111	209	49	95	6	3	337	
Alabama.....	1	7	2	8	2	1	18	(3)	1	46	28	14	98	53	147	44	32	1	-384	
Mississippi.....	(3)	6	1	6	(3)	(3)	(3)	(3)	2	8	16	8	57	21	94	21	25	1	-479	
Louisiana.....	2	20	2	22	(3)	1	2	(3)	(3)	33	42	22	123	58	179	34	33	3	-50	
Arkansas.....	1	4	1	3	(3)	(3)	1	1	1	17	9	52	24	71	18	23	1	1	-514	
Southwest	6	7	14	56	1	3	14	3	6	104	246	94	578	317	742	192	264	6	-722	
Oklahoma.....	(3)	(3)	2	2	1	1	3	(3)	1	(3)	35	18	95	58	135	42	35	1	-226	
Texas.....	4	7	10	49	1	2	9	2	5	103	180	64	399	227	488	118	191	4	-451	
New Mexico.....	1	(3)	1	3	(3)	(3)	(3)	(3)	(3)	14	4	37	10	50	16	20	(3)	1	-18	
Arizona.....	(3)	(3)	1	1	(3)	(3)	1	(3)	(3)	18	8	46	22	70	16	18	(3)	1	-27	
Rocky Mountain	2	1	5	5	2	1	10	2	1	2	74	32	177	94	290	92	56	1	-691	
Montana.....	(3)	(3)	1	1	(3)	(3)	2	(3)	(3)	(3)	11	5	28	13	50	12	6	(3)	-275	
Idaho.....	(3)	(3)	1	(3)	(3)	(3)	1	(3)	(3)	(3)	10	5	24	12	46	9	3	(3)	-196	
Wyoming.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	10	2	16	7	25	8	10	(3)	-72	
Colorado.....	(3)	1	2	3	2	(3)	4	1	1	1	28	14	80	43	107	33	31	(3)	-129	
Utah.....	(3)	(3)	1	1	(3)	(3)	4	(3)	(3)	(3)	16	6	30	19	61	30	7	(3)	-19	
Far West	6	48	36	78	7	7	45	15	88	587	460	176	1,256	779	1,649	424	547	26	1,780	
Washington.....	1	22	4	22	1	1	6	1	2	111	77	24	152	107	249	79	104	5	174	
Oregon.....	1	8	3	2	(3)	(3)	3	1	2	6	39	18	104	58	139	26	10	2	-211	
Nevada.....	(3)	(3)	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	7	2	23	4	20	5	2	(3)	5	
California.....	4	19	29	52	6	6	36	13	84	460	337	132	978	610	1,240	313	432	19	1,812	

¹ Algebraic sum of industry-mix effects of all industries, both positive and negative.
² Less than \$500,000.

NOTE.—Figures are not available for Alaska and Hawaii because of their exclusion from the State series in 1948 (prior to statehood). Detail will not add to totals due to rounding.

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

Internal migration of the white population has three special facets. Out-migration of the whites was widely diffused among States. Such migration apparently was the result of a search on the part of individuals for improved economic opportunities, and for better living conditions in the form of climate, scenery, etc. This is seen in the shift of population from the older and more mature industrial areas of the Northeast

and Great Lakes sections, from the coal mining areas of Appalachia, and from the agricultural sections of the Nation, generally.

In contrast, the immigration of whites into a region appears to have concentrated in selected States and perhaps even selected areas within those States. For example, attributes such as climate, scenery, physical features—the amenity-resources—the location of new indus-

tries, and the establishment of research and educational organizations caused a large migration of the white population into California, Florida, New Jersey, Arizona, and Maryland. These five States received more than four-fifths of the income shift from white migration. In each instance, the income generated added substantially to the State's income flow.

Table 5.—Industrial Breakdown of Income

[Millions of dollars]

	Mining payrolls					Manufacturing payrolls												
	Metal	Anthracite*	Bituminous	Crude petroleum	Non-metallic mining	Food	Tobacco	Textiles	Apparel	Lumber and furniture	Petroleum refining	Leather	Motor vehicles and equipment	Machinery except electrical	Paper	Printing	Chemicals	Rubber
United States																		
New England	-1		(4)	-1	1	-32	-1	-377	11	-9	-4	29	14	-104	-119	9	-10	-28
Maine.....					-1			-30	3	-13	(4)	39	1	-37	-35	(4)	(4)	1
New Hampshire.....					(4)	-1	-1	-29	2	-2	(4)	13	(4)	11	-19	3	1	10
Vermont.....	-1				1	-3		-12	-1	-4	(4)	1	(4)	-1	-4	(4)	(4)	-1
Massachusetts.....	(4)		(4)	1	(4)	-28	(4)	-181	19	-5	-4	-31	10	-27	-48	-14	-31	-31
Rhode Island.....					(4)	-3		-78	2	4	(4)	1	(4)	-8	-4	(4)	(4)	-3
Connecticut.....					2	3	1	-57	-14	10	(4)	4	3	-41	-8	19	21	-5
Mideast	-6		-33	-29	-10	-62	-50	-232	-569	(4)	-93	-41	92	-37	-159	-147	-310	28
New York.....	-8		1	-5	-3	-126	-7	-16	-631	-26	3	-56	40	28	-102	-173	-148	-19
New Jersey.....	-6		(4)	1	5	90	-12	-74	-20	12	-28	4	16	29	9	36	-141	19
Pennsylvania.....	8		-32	-24	-15	-9	-30	-112	77	9	-65	20	-13	-80	-38	-29	-64	22
Delaware.....				(4)	(4)	(4)	(4)	2	10	-1	5	-2	24	-8	-2	2	49	-5
Maryland.....			-2	(4)	4	-8	(4)	-32	-4	9	-9	-4	24	-7	-23	14	-7	12
District of Columbia.....					-9				(4)	-2	(4)		(4)	1	-3	3	(4)	
Great Lakes	4		14	-24	1	-283	-12	-7	-99	-63	14	-40	-390	-646	-78	-96	-94	-132
Michigan.....	3		(4)	-8	7	-25	-1	-2	49	-30	6	-4	-621	-63	-38	-16	-18	-22
Ohio.....	(4)		15	4	1	-28	-6	17	-53	-24	16	-7	193	-213	-31	-2	-21	-92
Indiana.....	1		1	1	-2	-32	-2	-15	-9	30	-16	1	7	-94	9	15	-8	-4
Illinois.....	1		-2	-22	-4	-200	-1	(4)	-82	-12	7	-23	-63	-120	-12	-105	-39	-1
Wisconsin.....	-1			(4)	3	-1	-6	-4	-4	-27	2	-7	94	-155	-6	13	-8	-12
Plains	-5		3	-8	6	26	-6	-1	-22	(4)	1	-13	90	90	87	-6	11	36
Minnesota.....	10		(4)	1	4	4		-5	-10	-3	1	(4)	5	75	76	-8	-10	5
Iowa.....			(4)	3	41	1		-2	-1	1	1	(4)	2	-15	2	-3		18
Missouri.....	-12		2	(4)	1	-9	-6	5	-20	-4	-1	-13	61	9	4	(4)	21	1
North Dakota.....			1	6	(4)	-4			(4)				-1	1		(4)	(4)	
South Dakota.....	2			(4)	3				1	-1	(4)		(4)	2	(4)	(4)	-1	1
Nebraska.....				5	2	24		(4)	2	4	(4)		(4)	6	1	1	-2	3
Kansas.....	-4		(4)	-19	-1	-34			5	3	(4)		(4)	19	16	3	5	9
Southeast	-27		25	88	-2	206	74	596	567	19	(4)	51	68	239	163	98	186	47
Virginia.....	(4)		21	(4)	-1	21	16	35	36	28	2	-1	6	19	-6	14	-32	9
West Virginia.....			-1	-4	-1	-6	-3	-4	2	-15	-7	-1	-1	9	-2	-2	-16	2
Kentucky.....			14	-2	(4)	-7	29	(4)	21	-11	4	(4)	23	63	10	4	41	4
Tennessee.....	(4)		-4	(4)	-5	10	-2	26	89	19	2	25	-9	16	21	13	-23	-3
North Carolina.....	2		(4)	-2	26	45	264	97	76	(4)	-2	4	28	11	15	40	9	9
South Carolina.....				-2	2	-1	174	72	-9	1	(4)	(4)	22	8	4	79	(4)	
Georgia.....			(4)	(4)	1	50	1	92	82	-13	2	5	34	10	56	8	6	6
Florida.....				1	1	56	10	2	26	11	3	4	5	31	28	34	67	2
Alabama.....	-25		-3	1	2	20	1	(4)	62	-26	4	1	3	18	37	4	13	7
Mississippi.....				6	1	15		6	58	-8	3	6	6	6	12	1	-4	5
Louisiana.....				90	2	-2	-2	-3	(4)	-33	-12	(4)	-1	3	-25	-1	6	(4)
Arkansas.....	-5		-3	-6	-2	21		3	21		-2	12	-1	14	13	4	11	6
Southwest	42		-2	16	-7	3	(4)	9	71	(4)	17	4	34	142	30	33	147	22
Oklahoma.....	-7		-1	-12	2	-15		1	9	(4)	-5	1	6	17	2	-4		4
Texas.....	-3		(4)	12	-7	12	(4)	9	55	-11	20	2	29	88	27	24	144	16
New Mexico.....	17		-1	16	-1	3		(4)	(4)	2	(4)	(4)	1	1	2	2	-1	1
Arizona.....	35			-1	2				8	10	(4)		-1	35	2	10	4	1
Rocky Mountain	3		-4	22	2	27		-6	4	37	14	7	2	17	9	15	24	-3
Montana.....	-15		-1	(4)	-1	-2			(4)	17	7		-1	2	(4)	(4)		
Idaho.....	-13			(4)	15					9	-1		1	2	6	-1	23	
Wyoming.....	8		-5	-7	2	-1				1	-2		(4)		(4)	(4)		
Colorado.....	10		-1	20	-2	14		3	(4)	6	5	7	(4)	7	2	16	-1	-3
Utah.....	12		2	9	2	2		-1	3	4	1		1	9	(4)	1	2	
Far West	-10		-2	-64	9	117	-5	14	37	16	50	4	191	298	67	96	47	28
Washington.....	-2		-2	(4)	-20	1		1	4	-68	8	-1	1	2	-9	-2	-23	1
Oregon.....	(4)			(4)	-3	(4)		1	2	-24	(4)	-1	1	2	-4	-6	-1	1
Nevada.....	-1			(4)	(4)	(4)				-1			(4)	1	2	2	7	
California.....	-7		(4)	-65	12	136	-5	12	31	109	42	5	89	293	73	101	65	26

* Because entire industry is in Pennsylvania there is no regional-share effect.
 1 These data represent an industrial distribution of totals in column C, table 3.
 2 Consists of the sum of payrolls, other labor income, and proprietors' income.

3 Includes proprietors' incomes and other labor income in mining and manufacturing and participation income in a number of minor industries.
 4 Less than \$500,000.

Finally, in a number of States the migration of whites appeared to reflect the oft-noted movement of population from central cities to the suburbs. This is a partial explanation of the below-average income rise in New York and the District of Columbia, and the above-average gains in Connecticut, New Jersey, Maryland, Virginia, and Ohio. In each of these States, the presence of large cities, on or near their

borders, appears to hold the basic explanation.

Migration from abroad

Net migration from abroad added to the income flow in every State, but because the flow of immigrants channeled disproportionately into selected States, its impact on the geographic distribution of income was significant. In particular, migrants from abroad

boosted the income flow in New York and California. By their failure to enter the States of the Southeast and Plains in appreciable numbers, immigration from abroad tended to reduce the income share of those regions relative to that of other areas.

Effects of natural increase

The last component of population change is natural increase—the excess

Change Due to Regional-Share Effects, 1948-62¹

[Millions of dollars]

	Manufacturing payrolls—Continued					Participation income ²											Total all industries		
	Stone, clay and glass	Ordnance primary and fabricated metals	Instruments and miscellaneous	Electrical machinery	Non-automotive transportation equipment	Agriculture	Transportation	Trade	Construction	Communication and public utilities	Services	Finance	Government			Others ³			
													State and local	Federal civilian	Military				
United States																			
New England	-4	-287	-184	-154	210	-85	-33	-120	-17	-78	90	-109	-300	-24	40	-27	-1,702		
Maine.....	1	(⁴)	-1	6	3	-30	-5	-31	-23	-6	-30	-2	-40	6	44	-10	-190		
New Hampshire.....	(⁴)	1	(⁴)	55	(⁴)	-6	-4	2	6	-7	7	4	-22	4	15	(¹)	54		
Vermont.....	-10	-1	-6	21	4	-6	-6	(⁴)	2	-4	-3	(⁴)	-8	-6	-1	(¹)	-47		
Massachusetts.....	-7	-34	-66	-122	16	-27	-16	-172	-54	-46	116	-96	-232	-25	-5	-23	-1,200		
Rhode Island.....	4	-46	-28	15	(⁴)	-2	(⁴)	-37	-6	-21	-48	-15	-7	-6	-8	(¹)	-296		
Connecticut.....	8	-207	-84	-129	220	-15	-1	119	59	7	47	(⁴)	9	3	-5	7	-23		
Mideast	-106	-696	-152	-704	-933	-189	-192	-1,336	-147	-250	-748	-1,074	-860	-395	-421	20	-9,848		
New York.....	3	-125	-167	-142	-146	-85	-85	-974	81	-192	-804	-773	-664	-239	-111	13	-5,662		
New Jersey.....	8	-31	-5	-209	-209	-14	148	282	42	-6	224	-71	-1	62	-158	10	9		
Pennsylvania.....	-123	-705	11	-316	-307	-94	-243	-292	-39	-262	-193	-298	-24	-87	3	-4,025			
Delaware.....	1	-6	-2	2	-8	8	-16	20	26	6	19	8	14	6	29	-1	160		
Maryland.....	6	172	10	-38	-265	-4	26	196	36	19	181	32	138	316	-14	4	787		
District of Columbia.....	-1	-1	1	-1	3	-22	-182	-40	-39	-106	-61	-50	-517	-81	-9	-9	-1,117		
Great Lakes	-59	-818	-25	-915	-489	-510	-108	-965	-596	-133	-661	-240	-460	-132	-94	51	-8,090		
Michigan.....	-8	-56	17	-75	-126	-61	5	-180	-180	-9	-126	-49	-132	9	29	6	-1,832		
Ohio.....	-59	-406	-20	-484	42	-176	-56	-163	-210	5	-94	-10	-54	18	-13	9	-1,896		
Indiana.....	-6	39	-9	-72	-137	-34	-49	-40	-108	15	-99	35	-42	-3	10	20	-579		
Illinois.....	3	-308	-23	-356	-233	-210	-11	-411	-98	-133	-327	-208	-193	-126	-126	13	-3,432		
Wisconsin.....	11	-88	-9	72	-35	-28	2	-70	1	-10	-14	-9	-39	-30	6	2	-351		
Plains	-34	55	90	35	194	-388	-60	-393	118	22	-94	20	-205	-123	193	13	-268		
Minnesota.....	-29	14	79	-2	-6	-189	-15	-102	44	5	37	10	-30	-28	6	6	-58		
Iowa.....	1	31	-4	33	-13	-346	-38	-117	-72	2	-25	-5	-48	(⁴)	-4	6	-552		
Missouri.....	-27	-17	10	-9	105	-72	21	-165	11	8	-87	-33	-22	-60	77	3	-206		
North Dakota.....	1	-1	(⁴)	(⁴)	-----	184	-4	-10	24	3	3	13	-21	-8	35	(⁴)	224		
South Dakota.....	(⁴)	2	(⁴)	3	2	17	6	-2	63	3	-4	8	-28	1	5	1	86		
Nebraska.....	2	21	(⁴)	14	-4	20	-5	-20	25	8	-1	6	-51	-25	46	3	86		
Kansas.....	16	5	4	-5	110	-2	-25	13	23	-7	-17	22	-5	-5	27	-6	152		
Southeast	69	335	88	350	58	401	48	1,325	299	199	138	597	513	426	-51	-22	7,169		
Virginia.....	8	26	9	64	-37	-6	-8	180	94	32	142	33	51	171	-241	-19	664		
West Virginia.....	-59	-24	-1	-23	-14	-52	-38	-99	-68	-25	-72	-14	-78	-14	-14	-3	-649		
Kentucky.....	2	-17	-4	59	-1	-26	-57	-28	50	10	-38	8	40	6	-75	-1	173		
Tennessee.....	17	7	11	56	5	-39	-20	29	-27	5	-40	-5	22	-46	-14	1	137		
North Carolina.....	12	34	10	70	2	205	70	177	12	31	-26	79	106	-4	14	4	1,413		
South Carolina.....	19	13	16	12	-4	15	-3	38	12	10	-5	43	4	4	-46	2	478		
Georgia.....	17	19	7	16	109	80	45	154	7	8	-64	61	65	64	110	3	1,039		
Florida.....	35	165	16	53	53	340	98	793	172	88	347	294	280	76	71	5	3,149		
Alabama.....	(⁴)	8	5	13	-30	-33	-56	57	27	20	-33	19	-9	222	25	-1	332		
Mississippi.....	8	30	8	4	20	-90	-4	10	10	12	-40	32	-6	-14	48	3	146		
Louisiana.....	8	55	3	(⁴)	-28	-9	18	55	-15	6	34	44	-30	60	-12	216			
Arkansas.....	4	19	8	26	2	-35	3	-39	24	3	-38	13	-5	-8	10	-3	71		
Southwest	54	220	35	185	134	311	99	538	-58	121	240	298	275	250	284	-65	3,481		
Oklahoma.....	7	17	4	24	23	-74	16	-13	-7	-5	-19	7	-10	42	41	-4	47		
Texas.....	35	139	27	112	50	246	78	301	-238	61	14	178	124	110	179	-63	1,771		
New Mexico.....	2	16	(⁴)	4	14	27	5	65	16	33	83	41	60	52	33	(⁴)	492		
Arizona.....	10	48	4	44	47	112	(⁴)	184	171	32	162	73	101	46	30	3	1,171		
Rocky Mountain	18	160	10	14	92	29	8	120	203	32	118	95	82	57	96	-10	1,280		
Montana.....	(⁴)	-3	(⁴)	-----	(⁴)	50	-15	-39	24	2	-11	9	-4	-4	21	-8	27		
Idaho.....	2	-2	(⁴)	-----	2	18	-3	-34	31	(⁴)	11	4	-9	-4	19	(⁴)	74		
Wyoming.....	1	1	(⁴)	(⁴)	1	10	-10	-9	-9	8	-12	3	7	-10	-12	-1	-30		
Colorado.....	12	128	8	9	18	-48	19	163	116	20	115	64	78	52	65	(⁴)	898		
Utah.....	4	36	2	5	71	-1	1	40	40	1	14	14	11	23	4	-1	311		
Far West	61	1,028	137	1,188	736	438	254	843	197	87	919	410	958	-60	-47	42	7,978		
Washington.....	-3	18	1	8	338	-7	2	-46	-179	-27	-77	-23	15	-102	-49	-13	-284		
Oregon.....	2	18	(⁴)	28	(⁴)	-14	11	-94	-52	-6	-84	1	18	-7	4	-1	-201		
Nevada.....	3	-3	(⁴)	1	-----	-5	8	73	83	13	203	29	21	15	29	(⁴)	482		
California.....	60	995	135	1,152	399	464	234	910	345	107	876	403	934	33	-32	56	7,981		

NOTE.—Figures are not available for Alaska and Hawaii because of their exclusion from State series in 1948 (prior to Statehood). Detail will not add to totals due to rounding.

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

of births over deaths. Population growth throughout the Nation helped swell the flow of income. In percentage terms, however, there were differences in rates of increase which made for regional unevenness in the income flow from this source.

The impact of natural increase on the geographic distribution of income was much the same as was that of the migration of the white population. In the northeastern section of the Nation, and to a lesser extent in the Great Lakes and Plains States, the natural increase in population added a less-than-average amount to total income. This reflected a decline in birth rates as well as the previously noted outmigration of the white population from these areas in earlier years. In other regions, income gains due to natural increase gave an extra impetus to income growth but only in the more rural regions such as the Southeast, Southwest, and Rocky Mountain areas was the push a substantial one.

Changes in Per Capita Income

So far, economic growth has been examined in terms of total income. Changes in this measure reflect changes in the economic size of an area, but size is only one aspect of growth. Equally important is per capita income, the best indicator of economic welfare available.

There has been sharp convergence toward the national average in the movement of State per capita incomes throughout the country since 1929, but the slope of the trend toward geographic equality in average incomes has varied considerably. The extent of the reduction in inequality can be measured by changes in the coefficient of variation, i.e., the mean difference between average income in each State and the Nation without regard to sign, weighted by population, and computed as a percent of national per capita income. This measure is shown below for selected years over the past three and a half decades.

1929.....	32	1948.....	18
1940.....	29	1953.....	19
1944.....	20	1957.....	18
1946.....	18	1963.....	16

Income differentials narrow

Since 1929, the coefficient of variation has been cut in half. But two-thirds of this reduction was concentrated in the war and reconversion years—as may be seen in the shaded portion of the chart on page 25. In 1940, relative dispersion was only a little less than in 1929; between 1940 and 1946, it contracted sharply; from 1946 to 1963—a span of 17 years—inequality was reduced by only 2 percentage points—from 18 percent to 16 percent.

In summary, most of the substantial reduction in inequality in regional per capita incomes was accomplished during the war years; since then, convergence, though continuing, has been at a much slower rate. An explanation of this, though a partial one, lies in the difference of the nature of the relative shifts in total income before and after 1948.

Changes during World War II

During World War II, when most of the reduction in regional differentials in per capita incomes occurred, relative changes in population tended to be comparatively uniform in most parts of the country. As a result, the large shifts in the geographic distribution of total income were translated directly into relative changes in per capita income differentials.

In the two southern regions there was a sharp increase in the utilization of existing labor resources. The huge demand occasioned by the war for nearly all types of goods and services stimulated production in the South on a relative basis more than elsewhere. Both employment and productivity rose but there was little change in population. A major factor in this respect was the use of these regions for military training purposes. The presence of military personnel here added to the income flow, but since dependents generally did not accompany persons on active duty during the war, the increase in population was smaller than that which usually ac-

companies increases in the labor force. In addition, the numerous Federal military installations activated throughout the two regions boosted demand for local goods and services, thereby providing another stimulus to demand.

In the Plains and Rocky Mountain States as well as in the South, income from agriculture soared from its position of semi-depression in 1940, to full utilization of agricultural capacity within a few years. Increased farm production in real terms, together with substantial increases in prices received by farmers, were transmitted directly into relative gains in total and per capita incomes.

The same factors were operating throughout the Nation, of course, but because there was less unused and under-utilized capacity outside of the South and the agricultural Plains and Rocky Mountain areas, incomes did not move up so sharply elsewhere.

Changes since 1948

Since 1948, however, the major force making for shifts in the geographic distribution of total income has been differential population growth. This has led to broad stability in per capita income differentials throughout the Nation. The most striking example of average income stability in the face of sweeping economic developments since World War II is afforded by the experiences of California and West Virginia.

In California, total income tripled between 1948 and 1963—an increase of one-third in its share of the national total. Over the same period, aggregate income in West Virginia rose by one-half—a loss of nearly one-third in its share of the Nation's total. Accompanying these changes in total income were major population shifts. California's population rose 7½ million, while West Virginia lost 121,000 residents. Yet, in 1963, per capita income in each State stood at about the same point in relation to the national average as it had 15 years earlier.

(Continued on page 32)

National Income and Corporate Profits

Table 1.—National Income by Type of Income (I-3, I-9)
[Billions of dollars]

	1961	1962	1963	1962					1963
				1963					
				IV	I	II	III	IV	
Seasonally adjusted at annual rates									
National income	426.1	453.7	478.1	462.2	466.7	474.6	482.0	489.1	
Compensation of employees	302.1	322.9	340.4	327.7	332.0	338.7	342.8	347.9	
Wages and salaries.....	278.8	297.1	312.3	301.5	304.5	310.8	314.6	319.4	
Private.....	227.0	241.6	253.0	244.7	246.7	252.2	255.1	258.1	
Military.....	10.2	10.8	11.0	10.5	10.7	10.8	10.8	11.8	
Government civilian.....	41.6	44.7	48.3	46.3	47.1	47.8	48.7	49.5	
Supplements to wages and salaries.....	23.3	25.7	28.0	26.2	27.5	27.9	28.2	28.5	
Employer contributions for social insurance.....	11.9	13.7	15.4	13.8	15.0	15.3	15.5	15.7	
Other labor income.....	11.4	12.1	12.6	12.3	12.4	12.6	12.7	12.8	
Employer contributions to private pension and welfare funds.....	8.9	9.5	.....	.....	.....	.....	.....	.....
Other.....	2.4	2.6	.....	.....	.....	.....	.....	.....
Proprietors' income	48.1	49.8	50.5	50.3	50.7	50.0	50.5	50.8	
Business and professional.....	35.3	36.5	37.7	36.9	37.2	37.4	37.8	38.2	
Income of unincorporated enterprises.....	35.3	36.5	.....	.....	.....	.....	.....	.....
Inventory valuation adjustment.....	.0	.0	.....	.....	.....	.....	.....	.....
Farm.....	12.8	13.3	12.8	13.4	13.5	12.6	12.7	12.6	
Rental income of persons	12.1	12.0	12.1	12.0	12.0	12.0	12.1	12.2	
Corporate profits and inventory valuation adjustment	43.8	47.0	51.1	49.3	48.8	50.1	52.2	53.2	
Profits before tax.....	43.8	46.8	51.5	48.4	48.3	51.0	52.2	54.3	
Profits tax liability.....	22.0	22.2	24.4	22.9	22.9	24.2	24.7	25.8	
Profits after tax.....	21.8	24.6	27.1	25.5	25.4	26.8	27.5	28.6	
Dividends.....	15.3	16.6	17.8	17.1	17.1	17.6	17.6	18.8	
Undistributed profits.....	6.5	8.1	9.3	8.4	8.3	9.2	9.8	9.7	
Inventory valuation adjustment.....	.0	.2	-.4	-.9	-.4	-.9	.0	-1.1	
Net interest	20.0	22.0	24.1	23.0	23.3	23.7	24.3	25.0	

Table 2.—National Income by Industry Division (I-II)
[Billions of dollars]

	1961	1962	1963	1962					1963
				1963					
				IV	I	II	III	IV	
Seasonally adjusted at annual rates									
All industries, total	426.1	453.7	478.1	462.2	466.7	474.6	482.0	489.1	
Agriculture, forestry, and fisheries.....	18.3	18.9	18.6	19.1	19.3	18.4	18.4	18.2	
Manufacturing	120.1	130.5	137.6	132.0	132.3	137.0	139.5	141.6	
Durable goods industries.....	70.7	78.5	83.4	79.5	79.9	83.4	84.3	86.0	
Nondurable goods industries.....	49.5	52.1	54.2	52.5	52.4	53.6	55.2	55.6	
Wholesale and retail trade.....	69.5	73.6	77.6	75.6	77.0	77.6	77.7	78.3	
Finance, insurance, and real estate.....	44.1	46.1	48.5	46.7	47.3	47.9	48.9	49.9	
Transportation.....	17.7	18.5	19.2	18.7	18.6	19.1	19.4	19.8	
Communications and public utilities.....	17.4	18.3	19.3	18.6	19.1	19.0	19.5	19.4	
Services	51.9	55.4	59.1	56.7	57.5	58.6	59.7	60.5	
Government and government enterprises.....	56.3	60.4	64.6	61.8	62.9	63.8	64.8	66.8	
Other.....	30.6	32.1	33.7	32.9	32.6	33.2	34.2	34.7	

Table 3.—Corporate Gross Product
[Billions of dollars]

	1961	1962	1963	1962					1963
				1963					
				IV	I	II	III	IV	
Seasonally adjusted at annual rates									
Corporate gross product	285.6	307.9	325.4	313.3	316.2	323.3	328.8	333.3	
Indirect taxes.....	30.8	33.0	35.1	33.6	34.2	34.7	35.4	36.0	
Capital consumption allowances.....	26.8	30.8	32.4	31.3	31.7	32.1	32.7	33.2	
Income originating in corporate business	228.0	244.1	257.9	248.4	250.3	256.5	260.6	264.1	
Compensation of employees.....	185.7	198.6	208.3	200.9	203.2	207.7	209.9	212.4	
Net interest.....	.9	1.0	1.1	1.1	1.1	1.1	1.2	1.2	
Profits before tax, including inventory valuation adjustment.....	41.4	44.4	48.4	46.5	46.0	47.6	49.6	50.5	

NOTE.—Back data published in the November 1962 and September 1963 SURVEY.

1. Excludes profits originating in the rest of the world.

Table 4.—National Income by Corporate and Noncorporate Form of Organization (I-14)
[Billions of dollars]

	1961	1962	1963	1962					1963
				1963					
				IV	I	II	III	IV	
Seasonally adjusted at annual rates									
National income	426.1	453.7	478.1	462.2	466.7	474.6	482.0	489.1	
Income originating in corporate business	228.0	244.1	257.9	248.4	250.3	256.5	260.6	264.1	
Compensation of employees.....	185.7	198.6	208.3	200.9	203.2	207.7	209.9	212.4	
Wages and salaries.....	169.7	180.9	189.0	183.0	184.3	188.5	190.5	192.9	
Supplements to wages and salaries.....	16.0	17.7	19.2	17.9	18.9	19.2	19.4	19.5	
Corporate profits and inventory valuation adjustment	41.4	44.4	48.4	46.5	46.0	47.6	49.6	50.5	
Profits before tax.....	41.5	44.2	48.8	45.6	45.6	48.5	49.6	51.6	
Profits tax liability.....	22.0	22.2	24.4	22.9	22.9	24.2	24.7	25.8	
Profits after tax.....	19.4	22.1	24.4	22.7	22.7	24.3	24.8	25.9	
Inventory valuation adjustment.....	.0	.2	-.4	-.9	-.4	-.9	.0	-1.1	
Net interest.....	.9	1.0	1.1	1.1	1.1	1.1	1.2	1.2
Income originating outside corporate business	198.0	209.6	220.3	213.8	216.4	218.1	221.4	225.1	

1. Excludes profits originating in the rest of the world.

Table 5.—Sources and Uses of Gross Saving (V-2)
[Billions of dollars]

	1961	1962	1963	1962					1963
				1963					
				IV	I	II	III	IV	
Seasonally adjusted at annual rates									
Gross private saving	78.4	86.7	89.8	87.8	86.4	89.2	91.4	92.3	
Personal saving.....	27.6	29.1	29.3	28.5	27.1	29.6	29.5	31.0	
Undistributed corporate profits.....	6.5	8.1	9.3	8.4	8.3	9.2	9.8	9.7	
Corporate inventory valuation adjustment.....	.0	.2	-.4	-.9	.4	-.9	.0	-1.1	
Capital consumption allowance.....	44.3	49.4	51.6	50.1	50.6	51.3	52.1	52.7	
Excess of wage accruals over disbursements.....	.0	.0	.0	.0	.0	.0	.0	.0	
Government surplus on income and product transactions	-4.7	-3.9	-1.7	-5.4	-4.2	-1.3	-.6	-.8	
Federal.....	-4.5	-4.3	-2.8	-5.3	-4.6	-3.0	-1.8	-1.5	
State and local.....	-.1	.4	1.0	-.1	.4	1.7	1.2	.7	
Gross investment	71.9	81.0	85.1	80.5	79.9	83.7	86.3	90.5	
Gross private domestic investment.....	69.0	78.8	82.3	78.8	77.8	80.7	83.7	87.1	
Net foreign investment.....	2.9	2.2	2.8	1.7	2.2	3.1	2.6	3.4	
Statistical discrepancy	-1.9	-1.8	-3.0	-1.9	-2.3	-4.1	-4.4	-1.0	

Table 6.—Corporate Profits (Before Tax) and Inventory Valuation Adjustment, by Broad Industry Groups (VI-10)
[Billions of dollars]

	1961	1962	1963	1962					1963
				1963					
				IV	I	II	III	IV	
Seasonally adjusted at annual rates									
All industries, total	43.8	47.0	51.1	49.3	48.8	50.1	52.2	53.2	
Manufacturing	22.0	24.5	26.5	25.2	24.2	26.0	27.6	28.1	
Durable goods industries.....	11.1	13.2	14.6	13.7	13.2	14.5	15.0	15.6	
Nondurable goods industries.....	10.9	11.3	11.9	11.6	11.0	11.5	12.6	12.5	
Transportation, communications, and public utilities	7.2	7.6	8.1	7.9	8.1	7.9	8.3	8.3	
All other industries	14.6	14.9	16.5	16.2	16.4	16.2	16.4	16.9	

Factors Underlying Changes in the Distribution of Income

(Continued from page 30)

Even though the reduction in per capita income differentials has lessened over the last decade and a half, there are several instances in which average income appears to be related more to income developments than to population shifts.

The record high volume of farm income reached in the period 1947-49 pushed per capita income unusually high in the Plains and Rocky Mountains. With the relative decline in farm income from this high point the 1948-63 trend in per capita income has been downward even though population declined somewhat relative to the national growth rate.

In the Southeast, there was a continuous improvement in the level of per capita income. In part, this appears to have been due to a basic improvement in the region's income structure, and, in part, the result of outmigration of a large number of Negroes with their less-than-average incomes. It is interesting to note that whereas the national measure of inequality declined by 12 percent from 1948 to 1963, the Southeast reduced the margin by which its per capita income fell short of that in the Nation by one-fifth. Moreover, the region's most recent experience indicates no diminution in this rate. Indeed, since 1957, there has been some step-up in the rate at which average incomes in the Southeast have been increasing relative to those in the Nation, generally.

Both population and total income in the New England States have been expanding at below-average rates, but the lag has been greatest in population. Almost a decade and a half ago the decline in per capita income in the region, relative to the Nation, was halted. Since 1948, average incomes have risen from a point 6 percent above the national average to one 13 percent above it.

NEW OR REVISED STATISTICAL SERIES

Department Store Inventories: New Data for Pages S-11 and S-12¹

[Millions of dollars]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Unadjusted												
1956.....												1,574
1957.....	1,582	1,660	1,811	1,873	1,827	1,746	1,735	1,796	1,946	2,097	2,122	1,684
1958.....	1,648	1,725	1,822	1,861	1,825	1,751	1,733	1,810	1,982	2,154	2,195	1,723
1959.....	1,747	1,830	1,950	2,033	1,980	1,909	1,934	2,036	2,176	2,296	2,378	1,924
1960.....	1,900	1,993	2,146	2,140	2,116	2,032	2,026	2,141	2,275	2,409	2,462	1,920
1961.....	1,850	1,952	2,093	2,157	2,126	2,017	2,044	2,147	2,327	2,468	2,570	2,077
1962.....	2,043	2,149	2,354	2,380	2,367	2,271	2,277	2,384	2,548	2,754	2,759	2,266
1963.....	2,205	2,309	2,473	2,535	2,515	2,392	2,414	2,518	2,704	2,953	3,036	2,395
1964.....	2,384	2,469										
Seasonally adjusted												
1956.....												1,724
1957.....	1,764	1,772	1,813	1,827	1,832	1,834	1,836	1,831	1,834	1,843	1,837	1,844
1958.....	1,833	1,839	1,824	1,821	1,832	1,841	1,832	1,838	1,866	1,898	1,900	1,889
1959.....	1,943	1,949	1,952	1,995	1,990	2,009	2,038	2,054	2,047	2,034	2,061	2,105
1960.....	2,118	2,125	2,144	2,106	2,134	2,139	2,133	2,152	2,138	2,138	2,137	2,098
1961.....	2,072	2,088	2,089	2,121	2,126	2,123	2,147	2,156	2,189	2,192	2,239	2,263
1962.....	2,290	2,306	2,347	2,340	2,360	2,388	2,392	2,396	2,399	2,441	2,410	2,466
1963.....	2,472	2,480	2,468	2,490	2,502	2,513	2,536	2,531	2,556	2,609	2,654	2,603
1964.....	2,661	2,646										

¹ New series starting in Feb. 1964 based on panel of department stores reporting to the Bureau of the Census. The seasonal adjustments and the monthly interpolations between Feb. 1964 and earlier Dec. figures from the Retail Trade Annual Reports are based on sample data formerly collected by the Federal Reserve System.

Source: U.S. Department of Commerce, Bureau of the Census and Office of Business Economics.

Shipments of Asphalt and Tar Roofing and Siding Products: Revised Data for Page S-36

Year and month	Asphalt roofing			Asphalt siding	Insulated siding	Saturated felts
	Total	Roll roofing and cap sheet	Shingles, all types			
Thousands of squares						
Thousand short tons						
1962						
January.....	5,024	1,749	3,275	72	32	92
February.....	2,723	980	1,743	37	38	49
March.....	5,644	1,577	4,068	60	59	76
April.....	4,378	1,634	2,744	50	79	80
May.....	5,135	1,860	3,275	58	102	85
June.....	6,096	2,103	3,993	61	99	91
July.....	6,116	2,204	3,912	67	99	86
August.....	6,784	2,470	4,314	81	116	94
September.....	6,271	2,391	3,880	80	100	87
October.....	7,277	2,826	4,451	98	108	100
November.....	5,206	1,952	3,254	78	64	85
December.....	3,752	1,216	2,536	57	31	64
Monthly average.....	5,367	1,913	3,454	67	77	82
1963						
January.....	4,298	1,593	2,705	68	41	85
February.....	2,259	922	1,337	32	30	48
March.....	3,521	1,453	2,068	45	49	67
April.....	5,677	2,076	3,601	57	76	89
May.....	6,525	2,311	4,214	62	84	93
June.....	6,309	2,167	4,142	58	81	89
July.....	7,684	2,746	4,938	78	93	109
August.....	6,954	2,602	4,352	78	100	95
September.....	6,419	2,450	3,969	81	93	83
October.....	7,114	2,764	4,350	102	102	98
November.....	4,604	1,810	2,794	85	56	74
December.....	3,103	1,214	1,888	52	37	60
Monthly average.....	5,372	2,009	3,363	66	70	82

Source: U.S. Department of Commerce, Bureau of the Census.

NOTE.—See also new data for building permits on page S-9.

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. Except as otherwise stated, the terms "unadjusted" and "adjusted" refer to adjustment for seasonal variation.

Statistics originating in Government agencies are not copyrighted and may be reprinted freely. Data from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1961	1962	1963	1960	1961				1962				1963			
	Annual total			IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
	Seasonally adjusted quarterly totals at annual rates															

GENERAL BUSINESS INDICATORS—Quarterly Series

NATIONAL INCOME AND PRODUCT	1961	1962	1963	1960	1961	1961	1961	1961	1961	1962	1962	1962	1962	1962	1963	1963	1963	1963
National income, total.....bil. \$..	426.1	453.7	*478.1	412.8	411.1	423.2	429.0	441.0	444.7	452.4	455.5	462.2	466.7	474.6	482.0	†489.1		
Compensation of employees, total.....do....	302.1	322.9	340.4	293.9	294.0	300.1	304.4	309.9	316.0	322.5	325.3	327.7	332.0	338.7	342.8	347.9		
Wages and salaries, total.....do....	278.8	297.1	312.3	271.3	271.2	276.9	281.0	286.1	290.7	296.8	299.4	301.5	304.5	310.8	314.6	319.4		
Private.....do....	227.0	241.6	253.0	221.6	220.8	225.8	228.8	232.5	236.1	241.7	243.7	244.7	246.7	252.2	255.1	258.1		
Military.....do....	10.2	10.8	11.0	10.0	10.0	10.0	10.0	10.8	11.1	11.0	10.7	10.5	10.7	10.8	10.8	11.8		
Government civilian.....do....	41.6	44.7	48.3	39.7	40.4	41.2	42.2	42.8	43.6	44.1	45.0	46.3	47.1	47.8	48.7	49.5		
Supplements to wages and salaries.....do....	23.3	25.7	28.0	22.5	22.8	23.1	23.4	23.8	25.2	25.7	25.9	26.2	27.5	27.9	28.2	28.5		
Proprietors' income, total♂.....do....	48.1	49.8	50.5	46.6	47.0	47.6	48.3	49.5	49.5	49.6	49.8	50.3	50.7	50.0	50.5	50.8		
Business and professional♂.....do....	35.3	36.5	37.7	33.8	34.2	35.0	35.7	36.3	36.0	36.5	36.6	36.9	37.2	37.4	37.8	38.2		
Farm.....do....	12.8	13.3	12.8	12.7	12.8	12.6	12.6	13.2	13.5	13.1	13.2	13.4	13.5	12.6	12.7	12.6		
Rental income of persons.....do....	12.1	12.0	12.1	12.1	12.1	12.1	12.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.2		
Corporate profits and inventory valuation adjustment, total.....bil. \$..	43.8	47.0	51.1	41.5	38.8	43.6	44.0	48.6	46.1	46.5	46.1	49.3	48.8	50.1	52.2	*53.2		
Corporate profits before tax, total.....do....	43.8	46.8	51.5	41.1	38.5	43.4	44.3	48.9	45.9	46.7	46.2	48.4	48.3	51.0	52.2	*54.3		
Corporate profits tax liability.....do....	22.0	22.2	24.4	20.6	19.4	21.8	22.3	24.6	21.7	22.1	21.9	22.9	22.9	24.2	24.7	25.8		
Corporate profits after tax.....do....	21.8	24.6	27.1	20.4	19.2	21.6	22.0	24.3	24.2	24.6	24.3	25.5	25.4	26.8	27.5	*28.6		
Dividends.....do....	15.3	16.6	17.8	14.8	15.0	15.1	15.2	15.8	16.2	16.4	16.5	17.1	17.1	17.6	17.6	18.8		
Undistributed profits.....do....	6.5	8.1	9.3	5.6	4.2	6.5	6.8	8.5	8.0	8.2	7.8	8.4	8.3	9.2	9.8	*9.7		
Inventory valuation adjustment.....do....	.0	.2	-.4	.5	.3	.2	-.3	-.3	.1	-.2	-.1	.9	.4	-.0	.0	-.1		
Net interest.....do....	20.0	22.0	24.1	18.8	19.1	19.8	20.3	21.0	21.2	21.7	22.3	23.0	23.3	23.7	24.3	25.0		
Gross national product, total.....do....	518.2	554.9	585.1	502.1	500.4	512.5	521.9	537.8	544.5	552.4	556.8	565.2	571.8	579.6	588.7	600.1		
Personal consumption expenditures, total.....do....	336.8	355.4	373.1	330.3	330.7	334.9	337.9	343.8	348.8	352.9	356.7	362.9	367.4	370.4	374.9	379.9		
Durable goods, total⊕.....do....	43.6	48.2	51.5	43.0	41.2	43.1	43.9	46.4	47.3	47.5	47.7	50.5	50.6	51.0	50.8	53.6		
Automobiles and parts.....do....	17.1	20.4	22.3	17.9	15.7	16.7	17.0	18.9	19.7	20.1	19.8	22.2	22.0	22.3	21.5	23.3		
Furniture and household equipment.....do....	19.2	20.2	21.3	18.8	18.3	19.1	19.6	20.0	20.0	19.8	20.3	20.6	20.9	20.7	21.3	22.3		
Nondurable goods, total⊕.....do....	155.1	161.4	167.1	152.3	153.9	154.5	155.3	156.9	158.9	160.6	162.5	163.6	165.3	165.9	168.6	168.7		
Clothing and shoes.....do....	28.6	29.8	30.3	27.7	28.2	28.2	28.6	29.3	29.7	29.9	29.9	29.9	30.2	29.7	30.9	30.4		
Food and alcoholic beverages.....do....	81.1	84.2	86.7	79.9	80.6	81.0	81.2	81.6	82.7	83.9	85.0	85.2	85.8	86.3	87.2	87.4		
Gasoline and oil.....do....	11.9	12.3	13.0	11.9	11.9	11.7	11.9	11.9	12.1	12.2	12.3	12.6	12.8	13.0	13.1	13.2		
Services, total⊕.....do....	138.0	145.7	154.5	134.2	135.6	137.3	138.8	140.5	142.6	144.8	146.6	148.9	151.4	153.5	155.5	157.7		
Household operation.....do....	20.4	21.5	22.6	19.9	20.0	20.4	20.6	20.8	21.3	21.5	21.5	21.8	22.2	22.4	22.8	23.0		
Housing.....do....	44.1	46.6	49.2	42.8	43.3	43.8	44.4	45.0	45.6	46.3	46.9	47.6	48.2	48.8	49.5	50.2		
Transportation.....do....	10.7	11.3	12.1	10.8	10.7	10.6	10.7	10.8	11.1	11.3	11.4	11.6	11.8	12.1	12.2	12.3		
Gross private domestic investment, total.....do....	69.0	78.8	82.3	65.3	59.6	66.6	72.0	77.6	77.3	79.6	78.9	78.8	77.8	80.7	83.7	87.1		
New construction.....do....	41.6	44.4	46.6	40.7	39.3	41.0	42.6	43.2	41.7	44.5	46.0	45.0	43.7	45.8	47.9	49.2		
Residential nonfarm.....do....	21.0	23.2	25.0	20.5	19.0	20.1	21.9	22.8	21.2	23.3	24.2	23.7	22.7	24.8	25.9	26.8		
Producers' durable equipment.....do....	25.5	28.8	30.9	26.8	24.6	24.5	25.8	27.1	27.4	28.7	29.3	29.9	29.0	30.7	31.6	32.5		
Change in business inventories.....do....	1.9	5.5	4.7	-2.3	-4.3	1.1	3.5	7.2	8.1	6.5	3.6	4.0	5.1	4.3	4.2	5.4		
Nonfarm.....do....	1.5	4.9	4.2	-2.7	-4.6	.8	3.2	6.9	7.6	5.8	2.8	3.2	4.3	3.6	3.7	5.1		
Net exports of goods and services.....do....	4.4	3.8	4.5	4.9	5.4	4.3	4.1	4.0	3.3	4.4	4.1	3.3	3.6	4.8	4.3	5.4		
Exports.....do....	27.5	28.9	30.7	27.0	27.5	26.5	27.8	28.3	27.9	29.5	29.4	28.8	28.6	30.7	31.4	32.3		
Imports.....do....	23.1	25.1	26.2	22.1	22.1	22.2	23.7	24.2	24.6	25.0	25.3	25.5	24.9	25.9	27.1	26.9		
Govt. purchases of goods and services, total.....do....	107.9	117.0	125.1	101.6	104.7	106.8	107.9	112.3	115.1	115.5	117.0	120.2	123.0	123.8	125.7	127.7		
Federal (less Government sales).....do....	57.4	62.4	66.3	53.7	55.4	57.1	57.1	59.8	61.8	61.9	62.4	63.6	65.5	66.5	66.4	66.6		
National defense ♀.....do....	49.0	53.3	56.7	45.9	47.5	49.0	48.6	50.9	52.5	52.9	53.5	54.3	56.4	56.7	57.2	57.2		
State and local.....do....	50.6	54.6	58.8	48.0	49.3	49.7	50.8	52.5	53.3	53.6	54.6	56.6	57.5	57.3	59.4	61.2		
By major type of product:																		
Final sales, total.....do....	516.3	549.3	580.3	504.4	504.7	511.4	518.3	530.5	536.3	546.0	553.1	561.2	566.6	575.4	584.5	594.8		
Goods, total.....do....	257.3	272.8	286.9	254.3	252.8	254.6	257.6	264.0	268.1	270.7	274.8	277.4	281.7	285.6	288.2	291.8		
Durable goods.....do....	93.8	101.5	109.6	93.2	90.6	92.1	94.3	98.2	99.9	99.9	102.6	103.5	106.3	109.6	110.0	112.6		
Nondurable goods.....do....	163.5	171.3	177.2	161.1	162.2	162.5	163.3	165.8	168.2	170.8	172.1	174.0	175.3	176.0	178.3	179.2		
Services.....do....	200.4	214.5	228.0	192.8	195.3	199.1	201.5	205.7	209.0	213.5	215.2	220.2	222.5	226.5	229.6	233.6		
Construction.....do....	58.6	62.1	65.4	57.3	56.7	57.7	59.2	60.9	59.2	61.8	63.1	63.6	62.5	63.3	66.7	69.3		
Inventory change, total.....do....	1.9	5.5	4.7	-2.3	-4.3	1.1	3.5	7.2	8.1	6.5	3.6	4.0	5.1	4.3	4.2	5.4		
Durable goods.....do....	-.4	2.9	2.1	-2.7	-6.6	-1.5	2.0	4.7	4.8	3.1	2.5	1.3	1.1	3.0	1.8	2.5		
Nondurable goods.....do....	2.2	2.6	2.6	.4	2.3	2.6	1.5	2.5	3.3	3.4	1.2	2.6	4.0	1.3	2.4	2.9		

♂ Revised. ♀ Preliminary. ♂ 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 1963 edition of BUSINESS STATISTICS	1961	1962	1963	1961			1962				1963				1964	
	Annual total			II	III	IV	I	II	III	IV	I	II	III	IV	I	II
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. \$.	447.7	474.8	492.9	443.4	450.4	463.1	467.8	474.0	475.6	481.4	485.3	489.4	495.1	501.7		
Personal consumption expenditures, total..... do....	303.6	317.6	328.9	302.2	304.5	309.2	313.0	315.9	318.6	322.9	325.5	327.0	330.1	332.8		
Durable goods..... do....	41.5	45.6	48.6	40.9	41.6	44.1	44.7	44.7	45.0	47.8	48.1	48.0	48.0	50.4		
Nondurable goods..... do....	143.3	147.8	151.3	142.9	143.5	144.7	146.0	147.4	148.8	148.9	150.1	150.5	152.6	151.9		
Services..... do....	118.9	124.3	129.0	118.4	119.4	120.4	122.3	123.8	124.8	128.2	127.3	128.5	129.6	130.6		
Gross private domestic investment, total..... do....	57.5	65.2	67.7	55.6	59.9	64.7	64.4	66.0	64.8	65.2	64.6	66.4	68.6	71.4		
New construction..... do....	34.7	36.7	37.8	34.2	35.5	36.0	34.7	36.8	37.8	36.9	35.7	37.3	38.6	39.5		
Producers' durable equipment..... do....	21.0	23.8	25.5	20.2	21.3	22.4	22.7	23.6	24.2	24.8	24.0	25.3	26.1	26.8		
Change in business inventories..... do....	1.7	4.8	4.4	1.2	3.1	6.3	7.0	5.7	2.9	3.4	4.9	3.8	4.0	5.0		
Net exports of goods and services..... do....	2.3	1.8	2.6	1.9	1.9	1.7	.9	2.6	2.3	1.4	1.8	2.8	2.3	3.3		
Govt. purchases of goods and services, total..... do....	84.3	90.2	93.7	83.7	84.2	87.4	89.4	89.5	89.9	91.9	93.4	93.2	94.1	94.2		
Federal..... do....	44.8	49.0	50.5	44.6	44.6	47.0	48.7	48.8	48.8	49.6	50.6	51.0	50.7	49.8		
State and local..... do....	39.5	41.2	43.2	39.1	39.5	40.4	40.7	40.7	41.1	42.3	42.9	42.1	43.4	44.4		
DISPOSITION OF PERSONAL INCOME																
<i>Quarterly Data Seasonally Adjusted at Annual Rates</i>																
Personal income, total..... bil. \$.	417.4	442.1	463.0	414.5	420.2	428.0	433.5	440.7	444.5	449.9	453.9	459.9	465.2	473.0		
Less: Personal tax and nontax payments..... do....	52.9	57.7	60.5	52.5	53.0	54.9	56.2	57.9	58.1	58.5	59.4	59.9	60.8	62.1		
Equals: Disposable personal income..... do....	364.4	384.4	402.4	362.0	367.2	373.1	377.3	382.7	386.5	391.4	394.5	400.0	404.4	410.9		
Personal saving \$..... do....	27.6	29.1	29.3	27.1	29.2	29.3	28.5	29.8	29.7	28.5	27.1	29.6	29.5	31.0		
NEW PLANT AND EQUIPMENT EXPENDITURES																
<i>Unadjusted quarterly or annual totals:</i>																
All industries..... bil. \$.	34.37	37.31	39.22	8.61	8.65	9.54	8.02	9.50	9.62	10.18	8.25	9.74	10.14	11.09	19.15	210.99
Manufacturing..... do....	13.68	14.68	15.69	3.46	3.34	3.88	3.14	3.69	3.72	4.13	3.27	3.92	3.95	4.56	3.65	4.45
Durable goods industries..... do....	6.27	7.03	7.85	1.68	1.50	1.79	1.44	1.77	1.79	2.03	1.62	1.96	1.96	2.31	1.81	2.32
Nondurable goods industries..... do....	7.40	7.65	7.84	1.88	1.84	2.09	1.69	1.92	1.93	2.10	1.65	1.95	1.99	2.25	1.84	2.13
Mining..... do....	.98	1.08	1.04	.26	.25	.26	.26	.27	.28	.27	.24	.26	.27	.28	.24	.28
Railroads..... do....	.47	.85	1.10	.18	.16	.16	.16	.26	.24	.20	.21	.28	.29	.33	.29	.41
Transportation, other than rail..... do....	1.85	2.07	1.92	.48	.47	.50	.47	.60	.50	.50	.39	.54	.45	.54	.48	.68
Public utilities..... do....	5.52	5.48	5.65	1.39	1.50	1.54	1.06	1.37	1.54	1.52	1.04	1.40	1.60	1.61	1.12	1.51
Communications..... do....	3.22	3.63	3.79	.81	.78	.88	.88	.93	.87	.95	.85	.95	.93	1.06		
Commercial and other..... do....	8.46	9.52	10.03	2.04	2.16	2.32	2.06	2.37	2.48	2.60	2.26	2.41	2.64	2.72	3.37	3.66
Seas. adj. qtrly. totals at annual rates:																
All industries..... do....				33.50	34.70	35.40	35.70	36.95	38.35	37.95	36.95	38.05	40.00	41.20	141.25	242.70
Manufacturing..... do....				13.60	13.65	14.00	14.20	14.45	15.05	15.00	14.85	15.30	15.95	16.45	16.65	17.40
Durable goods industries..... do....				6.20	6.10	6.40	6.55	6.95	7.25	7.30	7.35	7.65	8.00	8.30	8.30	9.00
Nondurable goods industries..... do....				7.30	7.55	7.60	7.60	7.50	7.80	7.70	7.50	7.65	8.00	8.15	8.35	8.40
Mining..... do....				1.00	1.00	1.00	1.15	1.05	1.10	1.00	1.05	1.00	1.05	1.05	1.05	1.10
Railroads..... do....				.70	.65	.60	.65	.95	1.00	.80	.90	1.00	1.20	1.35	1.25	1.40
Transportation, other than rail..... do....				1.80	1.90	1.95	2.05	2.25	2.00	1.90	1.70	2.05	1.85	2.10	2.15	2.45
Public utilities..... do....				5.50	5.65	5.55	5.15	5.40	5.75	5.45	5.20	5.45	5.90	5.80	5.70	6.00
Communications..... do....				3.15	3.20	3.35	3.70	3.65	3.60	3.60	3.55	3.65	3.85	4.05		
Commercial and other..... do....				7.90	8.60	9.00	8.75	9.25	9.85	10.20	9.65	9.65	10.20	10.45	14.40	14.35
BUSINESS POPULATION																
Firms in operation, end of quarter (seasonally adjusted)..... thous.	4,471.3	4,475.5	4,479.7	4,750	4,760	4,770	4,780	4,790	4,800	4,815	4,825	4,835	4,850	4,860		
U.S. BALANCE OF INTERNATIONAL PAYMENTS¹																
<i>Quarterly Data are Seasonally Adjusted</i>																
U.S. payments, recorded..... mil. \$.	31,778	33,254	35,544	7,535	7,917	8,653	8,246	8,316	8,214	8,478	8,463	9,753	8,373	8,955		
Imports:																
Merchandise..... do....	14,497	16,145	16,962	3,404	3,826	3,881	3,942	4,030	4,127	4,046	4,014	4,182	4,392	4,374		
Military expenditures..... do....	2,934	3,028	2,880	764	680	717	754	748	732	794	748	725	708	699		
Other services..... do....	5,436	5,791	6,276	1,338	1,365	1,415	1,423	1,444	1,423	1,501	1,508	1,546	1,594	1,628		
Remittances and pensions..... do....	705	736	812	171	173	174	191	182	176	187	211	211	195	195		
Govt. grants and capital outflows..... do....	4,056	4,281	4,532	856	1,029	1,186	1,075	1,078	1,045	1,083	1,053	1,355	1,010	1,114		
U.S. private capital (net)..... do....	4,150	3,273	4,082	1,002	844	1,280	861	834	711	867	929	1,734	474	945		
Direct investments..... do....	1,598	1,557	1,799	344	399	397	199	506	359	493	501	488	209	601		
Long-term portfolio..... do....	1,011	1,209	1,641	219	234	464	357	329	188	335	512	620	294	215		
Short-term..... do....	1,541	507	642	439	211	419	305	-1	164	39	-84	626	-29	129		
U.S. receipts, recorded..... do....	30,313	32,093	33,379	7,956	7,217	7,682	7,688	7,901	8,327	8,177	7,715	8,344	8,534	8,786		
Exports:																
Merchandise..... do....	19,913	20,479	21,902	4,755	4,987	5,121	5,022	5,262	5,270	4,925	5,010	5,494	5,559	5,839		
Services and military sales..... do....	8,398	9,311	9,701	2,088	2,120	2,152	2,184	2,348	2,280	2,499	2,442	2,409	2,362	2,488		
Repayments on U.S. Govt. loans..... do....	1,274	1,283	974	851	99	196	155	237	601	290	176	190	419	189		
Foreign capital other than liquid funds (net)..... do....	728	1,020	802	262	41	213	327	54	176	463	87	251	194	270		
Excess of recorded receipts or payments (-)..... do....	-1,465	-1,161	-2,165	421	-670	-971	-558	-415	113	-301	-748	-1,409	161	-169		
Unrecorded transactions (net)..... do....	-905	-1,025	-495	-390	15	-303	-27	-37	-469	-492	-135	121	-386	-95		
Total, net receipts or payments (-)..... do....	-2,370	-2,186	-2,660	31	-655	-1,274	-585	-452	-356	-793	-883	-1,288	-225	-264		
Net receipts or payments (-), incl. transactions in nonmarketable, medium-term convertible Govt. securities..... mil. \$.			-1,958								-533	-1,136	-50	-239		

¹ Revised. ² Preliminary.

³ Estimates for Jan.-Mar. 1964 based on anticipated capital expenditures of business.

⁴ Estimates for Apr.-June 1964 based on anticipated capital expenditures of business.

Anticipated expenditures for the year 1964 are as follows (in bil. \$): All industries, 43.19; manufacturing, total, 17.72; durable goods industries, 8.97; nondurable goods industries, 8.75; mining, 1.04; railroads, 1.38; transportation, 2.06; public utilities, 6.01; commercial and other (incl. communications), 14.98. ⁵ Includes communications.

⁶ Unadjusted. Data represent firms in operation as of Jan. 1; estimate for Jan. 1, 1963 is based on incomplete data.

⁷ Personal saving is excess of disposable income over personal consumption expenditures shown as a component of gross national product on p. S-1.

⁸ More complete details are given in the quarterly reviews in the Mar., June, Sept., and Dec. issues of the SURVEY.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963 ¹	1963												1964		
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. ²	

GENERAL BUSINESS INDICATORS—Monthly Series

PERSONAL INCOME, BY SOURCE																	
Seasonally adjusted, at annual rates:																	
Total personal income.....bil. \$..	1442.1	1463.0	452.9	454.8	457.4	460.1	462.6	464.2	465.1	467.3	471.2	472.6	476.0	2476.7	478.1	478.8	480.4
Wage and salary disbursements, total.....do.....	297.1	312.3	304.7	306.1	308.7	311.2	312.9	314.1	314.4	316.2	318.7	319.2	320.8	321.7	324.2	325.0	
Commodity-producing industries, total.....do.....	118.5	123.8	120.1	120.9	122.5	123.8	124.7	125.1	124.7	125.5	126.3	126.2	127.2	126.9	128.4	128.6	
Manufacturing only.....do.....	94.2	98.3	95.5	96.3	97.2	98.4	99.0	99.2	98.7	99.6	100.2	100.2	101.1	101.1	101.9	102.1	
Distributive industries.....do.....	76.6	79.8	78.6	78.7	79.2	79.7	79.8	80.1	80.2	80.7	80.9	81.0	81.3	81.7	82.1	82.1	
Service industries.....do.....	46.4	49.5	48.3	48.5	48.7	49.1	49.4	49.8	50.0	50.2	50.4	50.6	50.8	50.9	51.2	51.4	
Government.....do.....	55.6	59.3	57.8	58.0	58.3	58.6	58.9	59.2	59.5	59.8	61.0	61.3	61.6	62.2	62.5	62.8	
Other labor income.....do.....	12.1	12.6	12.5	12.5	12.5	12.6	12.6	12.7	12.7	12.7	12.8	12.8	12.8	12.8	12.9	12.9	
Proprietors' income:																	
Business and professional.....do.....	36.5	37.7	37.2	37.2	37.3	37.4	37.6	37.7	37.9	37.9	38.2	38.2	38.4	38.4	38.6	38.7	
Farm.....do.....	13.3	12.8	13.5	13.3	12.8	12.6	12.4	12.7	12.7	12.7	12.7	12.6	12.5	12.2	12.1	12.3	
Rental income of persons.....do.....	12.0	12.1	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.3	12.3	
Dividends.....do.....	16.6	17.8	17.2	17.2	17.3	17.3	18.2	17.5	17.6	17.8	18.2	18.5	19.8	19.0	19.1	19.2	
Personal interest income.....do.....	30.0	32.5	31.7	31.8	31.9	32.1	32.3	32.6	32.8	33.0	33.2	33.5	33.8	34.1	34.3	34.5	
Transfer payments.....do.....	34.8	36.9	35.7	36.2	36.4	36.6	36.4	36.5	36.7	36.8	37.3	37.6	37.7	230.9	37.7	37.8	
Less personal contributions for social insurance bil. \$..	10.2	11.8	11.5	11.5	11.6	11.7	11.8	11.8	11.9	11.9	12.0	12.0	12.1	12.3	12.4	12.4	
Total nonagricultural income.....do.....	424.5	445.7	434.9	437.0	440.0	443.1	445.8	447.0	448.0	450.3	454.1	455.7	459.2	2461.6	462.4	463.7	
FARM INCOME AND MARKETINGS																	
Cash receipts from farming, including Government payments (48 States), total.....ml. \$..	3,138	3,161	2,489	2,440	2,316	2,373	2,307	2,838	3,043	3,636	5,303	4,223	3,457	3,460	2,566		
Farm marketings and CCC loans, total.....do.....	2,993	3,021	2,398	2,333	2,257	2,342	2,291	2,781	2,928	3,466	4,517	4,100	3,409	3,380	2,409		
Crops.....do.....	1,328	1,392	959	754	670	691	815	1,197	1,279	1,785	2,545	2,390	1,912	1,681	955		
Livestock and products, total.....do.....	1,665	1,628	1,439	1,579	1,587	1,651	1,476	1,584	1,649	1,681	1,972	1,710	1,497	1,699	1,454		
Dairy products.....do.....	404	400	372	416	406	438	417	398	387	384	395	385	403	411	392		
Meat animals.....do.....	968	927	794	845	886	914	788	909	956	986	1,234	988	796	980	787		
Poultry and eggs.....do.....	269	277	240	274	258	261	248	262	289	293	330	326	277	275	241		
Indexes of cash receipts from marketings and CCC loans, unadjusted:																	
All commodities.....1947-49=100.....do.....	123	124	98	96	93	96	94	114	120	142	185	168	140	139	99		
Crops.....do.....	124	130	89	70	62	64	76	112	119	166	237	223	178	157	89		
Livestock and products.....do.....	122	119	106	116	116	121	108	116	121	123	145	125	110	125	107		
Indexes of volume of farm marketings, unadjusted:																	
All commodities.....1947-49=100.....do.....	136	140	109	108	104	112	109	130	138	157	205	188	158	159	115		
Crops.....do.....	130	134	90	65	53	59	72	119	127	170	247	230	183	171	95		
Livestock and products.....do.....	142	145	123	140	142	152	136	139	145	147	174	157	140	151	131		
INDUSTRIAL PRODUCTION																	
Federal Reserve Index of Quantity Output																	
Unadj., total index (incl. utilities).....1957-59=100.....	118.3	124.3	120.5	122.5	123.1	125.1	127.9	120.5	123.8	128.3	129.9	127.1	124.5	125.7	128.0	129.5	
By industry groupings:																	
Manufacturing, total.....do.....	118.7	124.7	120.7	123.3	124.0	126.1	128.8	120.5	123.4	128.7	131.1	128.2	125.1	125.7	128.6	130.7	
Durable manufactures.....do.....	117.9	124.4	120.7	123.2	124.4	126.9	129.8	121.0	118.1	126.6	129.3	128.4	127.2	126.6	129.1	130.5	
Nondurable manufactures.....do.....	119.8	125.1	120.6	123.4	123.7	125.1	127.6	119.8	130.0	131.4	133.3	127.9	122.5	124.7	128.0	130.8	
Mining.....do.....	105.0	107.8	104.9	104.5	106.9	108.9	111.3	105.3	112.2	111.4	111.0	108.1	106.7	107.9	107.6	106.1	
Utilities.....do.....	131.3	140.7															
By market groupings:																	
Final products, total.....do.....	119.7	124.8	122.4	123.7	122.1	123.0	127.1	121.7	123.8	130.0	131.9	127.7	125.3	126.7	128.3	129.9	
Consumer goods.....do.....	119.7	125.1	122.4	123.9	122.1	123.1	128.1	121.3	124.3	131.7	134.2	128.5	123.9	126.1	128.4	130.1	
Automotive and home goods.....do.....	125.9	134.3	133.8	135.2	135.1	135.4	142.0	124.3	105.7	135.4	148.6	147.7	141.7	138.6	143.9	144	
Apparel and staples.....do.....	117.7	122.2	118.7	120.3	118.0	119.2	122.7	120.4	130.2	136.5	129.6	122.4	118.2	121.2	123.9	126	
Equipment, including defense.....do.....	119.6	124.2	122.6	123.1	122.1	122.8	124.8	122.6	122.6	126.3	126.9	126.1	128.5	128.1	128.0	129.5	
Materials.....do.....	117.0	123.6	118.7	121.5	124.0	126.9	128.6	119.4	123.9	126.8	128.1	126.5	123.8	124.7	127.7	129.3	
Durable goods materials.....do.....	114.1	121.1	114.6	118.5	122.0	126.5	129.2	118.7	118.7	124.0	125.3	123.2	121.0	121.0	124.5	126	
Nondurable materials.....do.....	120.0	126.2	122.9	124.5	126.0	127.3	128.0	120.1	129.2	129.6	131.0	129.8	126.8	128.5	130.9	133	
Seas. adj., total index (incl. utilities).....do.....	118.3	124.3	120.2	121.3	122.5	124.5	125.8	126.5	125.7	125.7	126.5	126.7	126.9	127.3	127.7	128.2	
By industry groupings:																	
Manufacturing, total.....do.....	118.7	124.7	120.6	121.9	123.1	125.2	126.4	126.8	125.9	126.1	127.1	127.5	127.9	128.1	128.5	129.0	
Durable manufactures.....do.....	117.9	124.4	120.0	121.5	122.8	125.6	127.4	127.0	125.0	125.3	126.3	126.6	127.0	127.6	128.4	128.8	
Primary metals.....do.....	104.6	113.1	105.2	111.9	120.1	127.4	125.8	122.8	199.4	167.7	108.4	109.5	110.4	112.4	116.2	118	
Iron and steel.....do.....	100.6	109.5	102.2	111.5	121.8	129.3	126.1	117.1	102.6	100.0	100.0	103.5	104.9	108.3	112.1	116	
Nonferrous metals and products.....do.....	119.1	126.3	121.0	123.7	121.0	124.2	125.5	123.5	126.4	129.4	130.7	132.9	134.7	131.7	136.9		
Fabricated metal products.....do.....	117.1	123.4	118.5	119.3	120.2	123.3	125.1	125.6	125.4	125.6	126.8	126.0	125.6	126.7	126.7	128	
Structural metal parts.....do.....	113.2	120.2	113.9	115.4	116.8	120.9	123.6	124.2	124.5	123.7	122.8	121.5	121.8	123.1	123.6	126	
Machinery.....do.....	123.5	129.1	126.4	126.2	125.9	128.4	129.4	129.6	130.5	131.3	132.2	132.6	133.3	134.4	133.9	135	
Nonelectrical machinery.....do.....	119.7	126.7	123.1	122.7	121.7	124.5	126.0	127.0	128.0	129.4	131.4	131.9	133.3	135.1	133.5	135	
Electrical machinery.....do.....	128.5	132.2	130.8	130.8	131.4	133.5	133.9	133.0	133.9	133.7	133.3	133.6	133.3	133.3	134.4	136	
Transportation equipment.....do.....	118.3	127.0	122.3	122.1	123.7	124.5	130.4	129.3	126.8	128.7	130.8	130.8	130.6	129.6	130.4	129	
Motor vehicles and parts.....do.....	134.1	146.1	139.1	140.2	141.8	143.1	153.8	150.9	143.7	146.5	150.3	151.8	151.2	149.3	151.8	150	
Aircraft and other equipment.....do.....	103.9	109.5	106.8	105.6	107.2	107.5	109.4	109.6	111.1	112.1	113.0	111.7	111.4	111.1	110.4	109	
Instruments and related products.....do.....	123.0	130.2	127.0	127.2	126.6	130.2	131.6	132.6	132.1	133.0	132.5	131.9	132.6	131.8	132.3	132	
Clay, glass, and stone products.....do.....	111.1	117.5	110.7	114.6	115.5	115.9	117.9	119.7	118.1	118.5	120.4	120.9	122.5	122.5	124.6</		

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

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.....1957-59=100..																
	114.6	116.4	110.5	109.7	116.5	118.4	118.6	118.4	118.5	118.6	117.9	118.5	121.5	* 119.0	121.1	121
Newspapers.....do.....	108.5	108.0	93.9	90.8	109.7	111.4	112.5	111.6	112.8	113.7	111.9	113.2	119.2	* 113.9	115.1	-----
Chemicals and products.....do.....	136.1	148.5	141.4	143.6	146.1	147.8	148.5	151.3	151.7	152.6	153.9	154.6	153.9	* 153.6	153.7	-----
Industrial chemicals.....do.....	147.5	162.5	153.1	155.2	160.7	161.9	162.2	165.2	165.3	166.8	169.1	169.7	169.9	* 170.5	-----	-----
Petroleum products.....do.....	112.9	117.1	114.3	115.5	115.8	116.9	118.2	119.5	117.6	117.0	119.0	118.5	116.6	* 116.0	118.9	-----
Rubber and plastics products.....do.....	130.6	138.9	132.8	140.3	138.8	140.7	137.0	136.5	143.1	142.5	142.1	147.9	145.7	* 145.7	-----	-----
Foods and beverages.....do.....	113.5	116.4	115.0	115.7	114.8	116.2	116.3	116.8	117.5	116.5	118.5	117.4	118.6	* 119.8	119.3	-----
Food manufactures.....do.....	113.8	116.7	115.2	116.0	115.2	116.4	116.4	116.8	117.5	117.5	118.8	118.0	119.2	* 120.5	119.6	-----
Beverages.....do.....	111.5	114.9	114.2	113.9	112.7	115.2	115.6	116.7	117.7	110.9	117.0	114.5	115.7	* 115.9	-----	-----
Tobacco products.....do.....	112.0	115.1	114.6	114.2	112.7	118.1	114.4	117.9	116.8	116.8	114.1	114.6	115.8	* 112.7	-----	-----
Mining.....do.....	105.0	107.8	104.7	105.4	107.4	108.5	109.4	111.3	111.3	110.3	109.1	107.5	* 106.6	* 108.4	* 107.6	107.1
Coal.....do.....	95.3	102.4	96.1	93.9	100.8	104.5	107.1	107.1	108.0	106.2	104.1	102.1	103.4	* 104.0	99.2	95
Crude oil and natural gas.....do.....	105.5	107.9	105.3	105.9	107.2	108.3	108.9	111.9	111.8	110.6	109.1	108.0	* 105.7	* 107.3	107.2	107
Crude oil.....do.....	105.1	108.2	104.8	104.9	107.3	109.5	110.1	113.0	112.7	110.6	109.6	108.9	105.7	* 106.8	106.0	106
Metal mining.....do.....	112.6	112.3	114.3	115.7	114.5	116.4	112.8	110.3	112.8	113.4	109.8	106.4	111.6	* 116.4	118.1	-----
Stone and earth minerals.....do.....	109.7	112.1	106.2	110.2	113.4	110.1	113.2	113.5	110.7	111.9	115.5	113.2	113.5	* 116.2	114.5	-----
Utilities.....do.....	131.3	140.7	138.2	136.4	135.7	139.1	141.3	145.3	144.6	142.8	143.9	144.5	* 143.3	* 144.9	* 146.0	146.0
Electric.....do.....	133.1	142.5	140.3	138.1	136.8	140.9	143.5	148.3	147.3	144.7	145.7	146.2	147.0	* 148.8	-----	-----
Gas.....do.....	125.9	135.2	131.4	130.6	132.9	133.7	135.2	136.0	137.0	137.9	-----	-----	-----	-----	-----	-----
By market groupings:																
Final products, total.....do.....	119.7	124.8	122.6	122.4	122.1	123.5	125.2	125.9	126.2	126.5	127.9	128.0	* 128.4	* 128.3	128.4	128.4
Consumer goods.....do.....	119.7	125.1	122.9	123.1	122.5	124.1	125.9	126.4	126.7	126.7	128.0	128.2	* 128.2	* 128.5	* 129.2	129.0
Automotive and home goods.....do.....	125.9	134.3	130.7	131.0	131.3	133.1	136.9	134.6	133.2	134.7	137.7	139.5	139.4	* 138.9	* 140.3	140
Automotive products.....do.....	131.1	141.1	137.7	136.3	137.6	137.1	145.3	141.1	134.8	138.0	146.8	149.1	* 147.6	* 146.4	* 146.5	144
Autos.....do.....	135.9	149.5	142.0	141.8	141.9	144.3	159.9	153.1	139.6	144.2	156.8	160.6	157.0	* 154.6	* 158.0	153
Auto parts and allied products.....do.....	124.9	130.1	132.1	129.1	132.0	127.7	126.1	125.3	128.5	129.8	133.6	134.0	* 135.3	* 135.5	131.4	-----
Home goods ♀.....do.....	122.2	129.4	125.9	127.3	126.9	130.3	131.0	130.1	132.0	132.3	131.3	132.8	133.6	* 133.6	133.8	-----
Appliances, TV, and radios.....do.....	118.2	124.7	119.8	123.2	123.6	128.0	129.1	126.0	130.2	130.4	126.6	129.4	128.1	* 127.5	130.4	-----
Furniture and rugs.....do.....	123.9	131.3	126.0	127.4	127.0	130.7	132.8	133.8	133.6	131.6	133.2	134.1	134.3	* 134.4	135.3	-----
Apparel and staples.....do.....	117.7	122.2	120.4	120.5	119.8	121.3	122.4	123.8	124.6	124.1	124.9	124.6	* 124.6	* 125.1	126	-----
Apparel, incl. knif goods and shoes.....do.....	114.5	117.5	116.6	116.2	115.3	115.5	117.4	118.7	119.2	119.7	121.8	121.9	* 120.5	121.2	-----	-----
Consumer staples.....do.....	118.7	123.6	121.4	121.8	121.0	122.9	123.8	125.2	126.1	125.4	125.7	125.3	* 125.8	* 126.2	* 126.6	127
Processed foods.....do.....	113.7	116.5	114.5	115.2	114.9	115.9	116.1	116.3	117.9	117.9	118.1	117.8	119.0	* 120.0	-----	-----
Beverages and tobacco.....do.....	111.7	115.0	114.3	114.0	112.7	116.2	115.2	117.1	117.4	112.9	116.0	114.5	115.7	* 114.8	-----	-----
Drugs, soap, and toiletries.....do.....	129.9	140.0	135.2	137.7	137.1	138.7	139.7	143.8	144.0	144.8	144.0	143.8	143.4	* 143.0	141.0	-----
Newspapers, magazines, books.....do.....	116.7	117.8	115.0	115.3	118.3	119.3	119.3	119.3	120.2	118.2	117.6	117.2	120.9	* 120.3	123.9	-----
Consumer fuel and lighting.....do.....	126.1	134.4	133.4	131.4	128.7	132.0	136.1	138.2	138.4	137.6	138.0	137.9	* 135.7	136.9	-----	-----
Equipment, including defense ♀.....do.....	119.6	124.2	121.5	120.7	120.4	122.1	123.8	124.8	125.3	126.2	127.7	127.6	128.8	* 128.0	128.0	-----
Business equipment.....do.....	122.1	128.3	125.0	124.9	124.3	125.9	127.8	129.0	130.1	131.0	132.0	132.1	133.2	* 132.4	131.5	133
Industrial equipment.....do.....	117.2	122.9	119.3	119.2	119.2	120.9	122.8	123.6	124.9	125.6	126.6	127.4	128.6	* 128.9	128.6	-----
Commercial equipment.....do.....	143.1	142.4	144.5	143.8	143.3	143.4	142.2	142.4	141.5	141.6	141.2	139.0	140.2	* 141.6	140.5	-----
Freight and passenger equipment.....do.....	117.2	132.1	126.9	126.3	126.0	124.8	128.1	135.3	134.6	140.7	140.6	139.7	137.2	* 135.8	137.5	-----
Farm equipment.....do.....	107.7	121.6	123.2	119.7	115.2	112.2	122.0	116.6	118.8	122.0	130.7	131.9	129.1	* 133.5	128.3	-----
Materials.....do.....	117.0	123.6	118.0	120.2	122.9	125.7	126.6	126.7	125.1	125.0	125.5	125.8	* 125.4	* 126.1	* 127.3	128.0
Durable goods materials ♀.....do.....	114.1	121.1	114.4	118.0	121.2	124.5	125.8	125.2	121.9	122.1	122.5	122.5	122.2	* 122.6	124.3	124
Consumer durable.....do.....	127.5	137.2	130.9	134.0	135.4	139.4	145.9	142.7	136.6	137.8	138.0	138.4	140.2	* 140.2	141.2	-----
Equipment.....do.....	118.9	128.4	121.2	122.2	123.1	125.1	128.0	126.4	126.3	128.4	128.3	125.9	127.9	* 128.2	128.6	-----
Construction.....do.....	110.4	116.3	109.2	112.4	115.1	116.7	118.0	119.4	119.2	119.0	119.3	119.0	* 117.8	* 118.3	120.8	-----
Nondurable materials ♀.....do.....	120.0	126.2	121.8	122.6	124.7	126.9	127.3	128.3	128.4	128.0	128.6	129.1	* 128.7	* 129.7	130.4	131
Business supplies.....do.....	116.5	120.1	116.7	117.8	119.0	121.6	121.6	119.8	121.7	121.2	121.5	122.8	* 122.6	* 123.5	121.9	-----
Containers.....do.....	117.1	120.3	119.3	121.5	116.1	120.3	121.1	119.9	119.7	118.2	122.6	123.9	* 121.3	* 122.6	125.6	-----
General business supplies.....do.....	116.3	120.1	115.4	115.9	120.4	122.2	121.8	119.8	122.7	122.7	121.0	122.3	123.2	* 124.0	124.6	-----
Business fuel and power ♀.....do.....	111.7	117.2	113.9	113.3	115.6	117.9	118.8	121.2	120.4	119.1	118.7	118.6	117.5	* 118.6	* 118.1	117
Mineral fuels.....do.....	104.9	109.3	105.6	105.1	108.0	110.5	111.5	114.0	113.8	112.1	110.5	109.9	* 108.0	* 109.2	* 107.5	107
Nonresidential utilities.....do.....	129.9	138.8	135.9	134.7	135.9	138.3	138.7	141.9	140.4	139.4	141.2	141.9	* 142.0	143.0	-----	-----
BUSINESS SALES AND INVENTORIES §																
Mfg. and trade sales (seas. adj.), total††.....mil. \$..	164,107	* 166,980	66,036	66,213	66,326	66,511	67,090	68,066	67,072	67,048	67,921	67,193	* 69,143	* 69,809	69,921	-----
Manufacturing, total.....do.....	33,308	34,774	34,114	34,244	34,578	34,836	34,942	35,641	34,736	34,672	35,214	35,004	36,021	* 36,677	36,338	-----
Durable goods industries.....do.....	17,184	18,071	17,636	17,622	17,892	18,112	18,242	18,746	18,160	17,937	18,590	18,272	18,476	* 19,144	19,085	-----
Nondurable goods industries.....do.....	16,124	16,704	16,478	16,622	16,686	16,724	16,700	16,895	16,576	16,735	16,624	16,732	17,545	* 17,533	17,253	-----
Retail trade, total.....do.....	19,613	* 20,536	20,374	20,350	20,276	20,200	20,486	20,719	20,666	20,426	20,716	20,558	* 21,019	* 21,000	21,440	-----
Durable goods stores.....do.....	6,245	* 6,675	6,624	6,576	6,646	6,630	6,630	6,773	6,562	6,606	6,941	6,734	* 6,831	* 6,855	7,183	-----
Nondurable goods stores.....do.....	13,367	* 13,861	13,750	13,774	13,630	13,688	13,856	13,946	14,104	13,820	13,775	13,824	* 14,188	* 14,145	14,257	-----
Merchant wholesalers, total‡.....do.....	11,187	11,670	11,548	11,619	11,472	11,475	11,662	11,706	11,670	11,950	11,991	11,631	12,103	* 12,132	12,143	-----
Durable goods establishments.....do.....	5,021	5,244	5,203	5,179	5,199	5,168	5,292	5,252	5,231	5,405	5,350	5,255	5,303	* 5,447	5,522	-----
Nondurable goods establishments‡.....do.....	6,165	6,426	6,345	6,440	6,273	6,308	6,371	6,455	6,439	6,546	6,642	6,375	6,711	* 6,685	6,621	-----
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total.....mil. \$..	99,272	103,062	99,588	99,765	99,963	100,295	100,610	100,974	101,017	101,356	101,881	102,670	103,062	* 103,350	103,356	-----
Manufacturing, total.....do.....	57,753	60,147														

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

GENERAL BUSINESS INDICATORS—Continued

BUSINESS SALES AND INVENTORIES—Con.																
Inventory-sales ratios:																
Manufacturing and trade, total ¹ ratio.....	1.51	1.50	1.51	1.51	1.51	1.51	1.50	1.48	1.51	1.51	1.50	1.53	1.49	1.48	1.48	-----
Manufacturing, total ¹ do.....	1.70	1.69	1.70	1.70	1.69	1.68	1.68	1.65	1.70	1.70	1.68	1.71	1.67	1.64	1.65	-----
Durable goods industries do.....	1.96	1.94	1.96	1.96	1.94	1.93	1.93	1.89	1.96	1.96	1.91	1.95	1.95	1.88	1.88	-----
Purchased materials do.....	.62	.59	.60	.60	.60	.59	.59	.58	.60	.61	.59	.60	.59	.57	.57	-----
Goods in process do.....	.80	.80	.80	.81	.80	.81	.80	.79	.80	.81	.79	.80	.80	.77	.78	-----
Finished goods do.....	.54	.55	.55	.55	.55	.54	.54	.53	.55	.56	.54	.56	.56	.54	.54	-----
Nondurable goods industries do.....	1.42	1.41	1.43	1.42	1.41	1.41	1.41	1.39	1.41	1.41	1.43	1.44	1.37	1.37	1.40	-----
Purchased materials do.....	.60	.59	.60	.59	.59	.58	.58	.58	.58	.58	.59	.59	.56	.55	.56	-----
Goods in process do.....	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	-----
Finished goods do.....	.62	.63	.62	.62	.62	.62	.63	.62	.64	.63	.63	.65	.62	.62	.64	-----
Retail trade, total ¹ do.....	1.38	1.37	1.38	1.38	1.38	1.39	1.37	1.36	1.36	1.38	1.37	1.39	1.37	1.38	1.35	-----
Durable goods stores do.....	1.82	1.75	1.77	1.78	1.75	1.78	1.75	1.72	1.77	1.76	1.68	1.76	1.75	1.77	1.68	-----
Nondurable goods stores do.....	1.18	1.19	1.18	1.19	1.21	1.20	1.19	1.19	1.17	1.20	1.21	1.21	1.18	1.19	1.19	-----
Merchant wholesalers, total ¹ do.....	1.18	1.19	1.17	1.17	1.18	1.20	1.18	1.18	1.20	1.18	1.18	1.22	1.18	1.18	1.18	-----
Durable goods establishments do.....	1.60	1.57	1.56	1.59	1.54	1.59	1.57	1.57	1.59	1.55	1.58	1.61	1.57	1.57	1.55	-----
Nondurable goods establishments do.....	.84	.87	.85	.85	.89	.87	.86	.87	.88	.87	.86	.91	.86	.87	.87	-----
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Manufacturers' export sales: [*]																
Durable goods industries (unadj.), total... mil. \$.....		678	712	728	699	693	687	592	605	682	756	689	789	683	752	-----
Shipments (not seas. adj.), total..... do.....	33,308	34,774	34,718	35,060	35,436	35,002	36,527	32,744	33,761	36,028	36,821	35,377	34,594	34,110	36,922	-----
Durable goods industries, total ² do.....	17,184	18,071	17,832	18,173	18,703	18,683	19,599	17,014	16,880	18,278	19,180	18,457	18,118	17,595	19,265	19,600
Stone, clay, and glass products do.....	961	947	799	850	975	1,029	1,069	999	1,035	1,042	1,089	960	798	788	839	-----
Primary metals do.....	2,835	2,944	2,919	3,069	3,197	3,338	3,342	2,727	2,755	2,788	2,928	2,852	2,745	2,967	3,154	-----
Blast furnaces, steel mills do.....	1,522	1,586	1,547	1,681	1,797	1,915	1,905	1,543	1,454	1,421	1,484	1,468	1,405	1,501	1,713	-----
Fabricated metal products do.....	1,859	1,877	1,759	1,761	1,905	1,944	2,019	1,785	1,990	1,986	2,054	1,881	1,807	1,777	1,930	-----
Machinery, except electrical do.....	2,366	2,517	2,504	2,631	2,686	2,605	2,742	2,301	2,392	2,595	2,544	2,470	2,577	2,486	2,836	-----
Electrical machinery do.....	2,301	2,398	2,423	2,407	2,328	2,330	2,585	2,179	2,364	2,559	2,522	2,484	2,490	2,254	2,542	-----
Transportation equipment do.....	4,453	4,848	4,931	4,971	5,093	4,943	5,165	4,679	3,648	4,553	5,268	5,221	5,237	4,940	5,297	-----
Motor vehicles and parts do.....	2,806	3,154	3,254	3,301	3,401	3,296	3,405	3,060	1,841	2,791	3,544	3,612	3,387	3,311	3,450	-----
Instruments and related products do.....	557	583	587	575	571	566	614	524	569	625	610	610	630	537	595	-----
Nondurable goods industries, total ² do.....	16,124	16,704	16,886	16,887	16,733	16,319	16,928	15,730	16,881	17,750	17,641	16,920	16,476	16,515	17,657	-----
Food and kindred products do.....	5,577	5,832	5,815	5,748	5,655	5,656	5,961	5,637	5,797	6,241	6,184	5,983	5,913	5,946	6,140	-----
Tobacco products do.....	377	383	359	361	365	412	401	390	409	385	383	394	393	333	336	-----
Textile mill products do.....	1,263	1,378	1,383	1,391	1,379	1,452	1,201	1,427	1,515	1,501	1,456	1,356	1,353	1,315	1,480	-----
Paper and allied products do.....	1,314	1,355	1,372	1,369	1,356	1,345	1,388	1,254	1,366	1,453	1,427	1,359	1,304	1,302	1,402	-----
Chemicals and allied products do.....	2,449	2,568	2,539	2,627	2,768	2,695	2,632	2,396	2,526	2,736	2,674	2,509	2,369	2,573	2,735	-----
Petroleum and coal products do.....	1,433	1,451	1,492	1,419	1,419	1,429	1,478	1,435	1,475	1,456	1,442	1,424	1,521	1,492	1,513	-----
Rubber and plastics products do.....	710	772	756	793	814	756	805	712	736	799	856	763	784	767	855	-----
Shipments (seas. adj.), total..... do.....			34,114	34,244	34,578	34,836	34,942	35,641	34,736	34,672	35,214	35,004	36,021	36,677	36,338	-----
By industry group:																
Durable goods industries, total ² do.....			17,636	17,622	17,892	18,112	18,242	18,746	18,160	17,937	18,590	18,272	18,476	19,144	19,085	19,000
Stone, clay, and glass products do.....			947	914	941	948	948	962	914	938	986	977	953	1,018	996	-----
Primary metals do.....			2,803	2,887	3,015	3,191	3,148	3,159	3,159	3,159	3,159	2,892	2,892	2,981	3,030	-----
Blast furnaces, steel mills do.....			1,488	1,565	1,679	1,838	1,807	1,815	1,479	1,392	1,469	1,512	1,570	1,605	1,647	-----
Fabricated metal products do.....			1,854	1,818	1,861	1,886	1,866	1,925	1,874	1,855	1,943	1,913	1,910	1,994	2,030	-----
Machinery, except electrical do.....			2,404	2,445	2,487	2,475	2,497	2,530	2,565	2,610	2,615	2,582	2,652	2,737	2,726	-----
Electrical machinery do.....			2,361	2,363	2,365	2,430	2,461	2,433	2,433	2,430	2,385	2,369	2,432	2,479	2,482	-----
Transportation equipment do.....			4,699	4,713	4,727	4,682	4,814	5,056	4,979	4,897	5,158	4,966	4,909	5,117	5,067	-----
Motor vehicles and parts do.....			3,117	3,122	3,143	3,093	3,182	3,284	2,997	3,155	3,362	3,234	3,123	3,297	3,325	-----
Instruments and related products do.....			579	570	576	572	582	600	588	577	589	594	591	606	589	-----
Nondurable goods industries, total ² do.....			16,478	16,622	16,686	16,724	16,700	16,895	16,576	16,735	16,624	16,732	17,545	17,533	17,253	-----
Food and kindred products do.....			5,695	5,763	5,749	5,731	5,816	5,820	5,835	5,916	5,870	5,961	6,193	6,247	6,021	-----
Tobacco products do.....			374	380	379	401	375	374	393	377	384	379	403	365	350	-----
Textile mill products do.....			1,355	1,374	1,389	1,372	1,379	1,405	1,394	1,401	1,363	1,400	1,466	1,465	1,428	-----
Paper and allied products do.....			1,316	1,333	1,336	1,347	1,328	1,379	1,323	1,395	1,373	1,366	1,415	1,368	1,366	-----
Chemicals and allied products do.....			2,534	2,573	2,603	2,579	2,515	2,611	2,529	2,578	2,576	2,578	2,640	2,703	2,726	-----
Petroleum and coal products do.....			1,454	1,439	1,453	1,486	1,482	1,462	1,477	1,451	1,428	1,409	1,475	1,455	1,485	-----
Rubber and plastics products do.....			757	773	788	748	752	793	737	772	794	781	836	815	855	-----
By market category:																
Home goods and apparel do.....	2,326	2,313	3,308	3,324	3,329	3,436	3,478	3,407	3,287	3,201	3,207	3,169	3,473	3,519	3,396	-----
Consumer staples do.....	2,702	2,758	7,145	7,195	7,157	7,146	7,168	7,258	7,278	7,337	7,288	7,382	7,672	7,686	7,476	-----
Equipment and defense prod., excl. auto. do.....	2,467	2,442	4,114	4,094	4,207	4,168	4,167	4,381	4,351	4,314	4,376	4,286	4,435	4,566	4,522	-----
Automotive equipment do.....	2,314	2,371	3,497	3,527	3,583	3,520	3,620	3,738	3,406	3,573	3,797	3,635	3,538	3,710	3,731	-----
Construction materials and supplies do.....	2,770	2,796	2,824	2,721	2,722	2,748	2,771	2,844	2,793	2,762	2,933	2,907	2,811	3,002	3,105	-----
Other materials and supplies do.....	12,932	13,594	13,226	13,383	13,578	13,818	13,738	14,013	13,621	13,485	13,613	13,625	14,002	14,194	14,108	-----
Supplementary market categories:																
Consumer durables do.....	2,136	2,180	1,379	1,362	1,360	1,385	1,414	1,417	1,416	1,372	1,368	1,356	1,454	1,469	1,482	-----
Defense products do.....	2,091	2,096	2,007	1,962	2,021	2,029	2,034	2,179	2,353	2,133	2,167	2,132	2,169	2,231	2,182	-----
Machinery and equipment do.....	3,095	3,215	3,115	3,130	3,160	3,184	3,215	3,292	3,252	3,272	3,293	3,258	3,362	3,428	3,395	-----
Inventories, end of year or month: [†]																
Book value (unadjusted), total do.....	357,419	350,738	58,366	58,432	58,565	58,930	58,997	58,568	58,681	58						

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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
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	10,878	10,521	10,558	10,646	10,679	10,766	10,810	10,981	10,917	10,878	10,880	10,879	10,821	10,796	
Primary metals do.	2,333	2,259	2,303	2,279	2,247	2,220	2,212	2,198	2,203	2,232	2,251	2,256	2,259	2,233	2,221	
Machinery (elec. and nonelec.) do.	2,988	3,009	2,959	2,955	2,978	2,999	3,028	3,083	3,089	3,001	2,954	2,992	3,009	2,989	3,002	
Transportation equipment do.	1,782	1,956	1,826	1,867	1,922	1,902	1,943	1,873	1,990	2,012	1,989	1,960	1,956	1,958	1,953	
Work in process ‡ do.	14,129	14,857	14,156	14,213	14,349	14,602	14,629	14,740	14,591	14,579	14,639	14,648	14,857	14,828	14,863	
Primary metals do.	1,816	1,901	1,809	1,834	1,863	1,873	1,877	1,808	1,818	1,852	1,845	1,882	1,901	1,895	1,893	
Machinery (elec. and nonelec.) do.	5,034	5,249	5,157	5,137	5,169	5,206	5,199	5,232	5,223	5,172	5,288	5,280	5,249	5,305	5,240	
Transportation equipment do.	4,142	4,467	4,050	4,106	4,154	4,391	4,422	4,566	4,414	4,468	4,386	4,363	4,467	4,402	4,489	
Finished goods § do.	9,593	10,292	9,687	9,752	9,758	9,805	9,847	9,852	9,949	10,040	10,064	10,176	10,292	10,306	10,276	
Primary metals do.	1,721	1,758	1,724	1,721	1,716	1,734	1,749	1,779	1,742	1,765	1,765	1,765	1,758	1,780	1,786	
Machinery (elec. and nonelec.) do.	3,381	3,707	3,430	3,444	3,466	3,492	3,510	3,512	3,575	3,587	3,601	3,653	3,707	3,705	3,711	
Transportation equipment do.	824	908	821	823	833	836	847	859	869	881	881	881	897	912	910	
Nondurable goods industries, total ¶ do.	23,427	24,119	23,525	23,533	23,522	23,545	23,550	23,538	23,410	23,551	23,741	24,076	24,119	24,036	24,139	
Food and kindred products do.	6,080	6,028	6,020	6,029	5,987	5,961	5,952	6,000	5,917	5,979	6,057	6,060	6,028	6,052	6,138	
Tobacco products do.	2,391	2,314	2,451	2,437	2,428	2,404	2,380	2,362	2,341	2,339	2,317	2,345	2,314	2,357	2,371	
Textile mill products do.	2,608	2,886	2,620	2,627	2,647	2,667	2,661	2,600	2,689	2,668	2,800	2,895	2,886	2,846	2,819	
Paper and allied products do.	1,688	1,800	1,689	1,697	1,698	1,701	1,711	1,725	1,728	1,743	1,757	1,772	1,800	1,792	1,797	
Chemicals and allied products do.	3,600	3,818	3,625	3,630	3,621	3,648	3,667	3,694	3,718	3,722	3,734	3,769	3,818	3,872	3,881	
Petroleum and coal products do.	1,809	1,736	1,797	1,816	1,819	1,813	1,834	1,835	1,852	1,830	1,786	1,795	1,736	1,775	1,774	
Rubber and plastics products do.	1,138	1,157	1,150	1,126	1,145	1,169	1,167	1,173	1,164	1,155	1,159	1,167	1,157	1,125	1,136	
By stage of fabrication:																
Materials and supplies do.	9,770	9,769	9,886	9,837	9,805	9,726	9,679	9,718	9,694	9,660	9,844	9,826	9,769	9,666	9,657	
Work in process do.	3,304	3,479	3,373	3,380	3,389	3,389	3,328	3,354	3,364	3,347	3,344	3,348	3,479	3,452	3,406	
Finished goods do.	10,246	10,871	10,250	10,284	10,300	10,320	10,452	10,559	10,648	10,544	10,553	10,822	10,871	10,918	11,076	
By market category:																
Home goods and apparel do.	5,955	6,389	5,994	6,006	6,047	6,084	6,083	6,005	6,040	6,149	6,179	6,321	6,389	6,242	6,235	
Consumer staples do.	9,515	9,525	9,538	9,550	9,524	9,501	9,470	9,525	9,438	9,447	9,502	9,571	9,525	9,597	9,717	
Equip. and defense prod., excl. auto do.	11,828	12,363	11,950	11,941	11,961	11,976	12,042	12,149	12,172	12,240	12,189	12,277	12,363	12,303	12,249	
Automotive equipment do.	3,001	3,245	3,030	3,083	3,133	3,178	3,221	3,248	3,331	3,268	3,258	3,200	3,245	3,241	3,308	
Construction materials and supplies do.	5,042	5,290	5,043	5,058	5,042	5,073	5,072	5,076	5,146	5,099	5,135	5,189	5,290	5,311	5,311	
Other materials and supplies do.	22,412	23,335	22,466	22,488	22,602	22,695	22,818	22,881	22,790	22,875	23,059	23,222	23,335	23,297	23,254	
Supplementary market categories:																
Consumer durables do.	2,722	2,955	2,716	2,726	2,769	2,792	2,804	2,797	2,855	2,865	2,923	2,923	2,955	2,938	2,927	
Defense products do.	5,343	5,583	5,437	5,445	5,493	5,519	5,552	5,647	5,496	5,571	5,490	5,592	5,583	5,486	5,696	
Machinery and equipment do.	8,098	8,539	8,192	8,195	8,211	8,213	8,245	8,317	8,365	8,343	8,395	8,485	8,539	8,558	8,511	
New orders, net (not seas. adj.), total†† do.	33,167	35,036	35,559	36,369	36,019	35,289	35,833	32,829	33,779	36,217	36,601	35,174	34,045	35,010	37,740	
Durable goods industries, total do.	17,085	18,300	18,686	19,497	19,182	18,845	18,867	17,089	16,946	18,502	18,883	18,140	17,623	18,558	20,064	219,900
Nondurable goods industries, total do.	16,082	16,736	16,873	16,872	16,837	16,444	16,966	15,740	16,833	17,715	17,718	17,034	16,422	16,452	17,676	
New orders, net (seas. adj.), total††† do.	33,167	35,036	34,636	35,364	35,752	35,438	34,425	35,207	34,930	34,991	35,354	34,953	35,619	37,148	36,835	
By industry group:																
Durable goods industries, total † do.	17,085	18,300	18,228	18,776	19,037	18,736	17,682	18,275	18,060	18,244	18,622	18,113	17,974	19,740	19,624	219,200
Primary metals do.	2,718	2,959	3,057	3,357	3,805	3,153	2,650	2,605	2,486	2,712	3,013	2,964	2,938	3,147	3,102	
Blast furnaces, steel mills do.	1,400	1,592	1,724	1,980	2,410	1,829	1,277	1,262	1,198	1,371	1,590	1,529	1,456	1,641	1,716	
Fabricated metal products do.	1,848	1,886	1,903	1,831	1,921	1,893	1,950	1,875	1,950	1,808	1,910	1,858	1,914	2,043	2,044	
Machinery, except electrical do.	2,364	2,574	2,512	2,505	2,581	2,618	2,524	2,608	2,529	2,608	2,669	2,617	2,741	2,808	2,776	
Electrical machinery do.	2,285	2,410	2,309	2,387	2,421	2,435	2,437	2,414	2,568	2,263	2,410	2,477	2,463	2,687	2,638	
Transportation equipment do.	4,484	4,970	4,901	5,313	4,772	5,163	4,698	5,246	5,005	5,430	5,094	4,680	4,327	5,433	5,230	
Aircraft and parts do.	1,342	1,398	1,388	1,670	1,175	1,628	1,151	1,678	1,484	1,754	1,272	1,189	801	1,730	1,593	
Nondurable goods industries, total do.	16,082	16,736	16,408	16,588	16,715	16,702	16,743	16,932	16,870	16,747	16,732	16,840	17,645	17,408	17,211	
Industries with unfilled orders ††† do.	4,124	4,411	4,198	4,237	4,309	4,260	4,301	4,560	4,490	4,495	4,528	4,635	4,835	4,531	4,544	
Industries without unfilled orders ††† do.	11,957	12,325	12,210	12,351	12,406	12,442	12,442	12,372	12,380	12,252	12,204	12,205	12,810	12,877	12,667	
By market category:																
Home goods and apparel do.	3,273	3,339	3,303	3,335	3,490	3,456	3,502	3,438	3,581	3,177	3,199	3,136	3,503	3,444	3,451	
Consumer staples do.	7,000	7,257	7,142	7,182	7,149	7,145	7,174	7,293	7,277	7,394	7,298	7,371	7,682	7,700	7,409	
Equip. and defense prod., excl. auto do.	4,155	4,368	4,257	4,712	4,310	4,509	4,304	4,502	4,424	4,434	4,069	4,289	4,133	4,991	4,697	
Automotive equipment do.	3,162	3,578	3,587	3,661	3,587	3,481	3,487	3,646	3,484	3,553	3,806	3,611	3,475	3,728	3,715	
Construction materials and supplies do.	2,767	2,803	2,895	2,667	2,783	2,795	2,828	2,919	2,917	2,712	2,938	2,807	2,723	2,967	3,085	
Other materials and supplies do.	12,809	13,691	13,452	13,807	14,433	14,052	13,230	13,637	13,079	13,791	14,044	13,739	14,103	14,318	14,418	
Supplementary market categories:																
Consumer durables do.	1,325	1,404	1,369	1,378	1,492	1,435	1,434	1,416	1,426	1,312	1,379	1,387	1,514	1,420	1,525	
Defense products do.	2,081	2,156	2,094	2,424	1,971	2,397	1,899	2,307	2,357	2,466	1,922	1,968	1,476	2,673	2,442	
Machinery and equipment do.	3,090	3,326	3,206	3,217	3,351	3,416	3,292	3,334	3,307	3,415	3,441	3,273	3,612	3,617	3,476	
Unfilled orders, end of year or month (unadjusted), total†††† mil. \$.	46,242	49,149	48,574	49,876	50,190	50,524	49,836	49,916	49,945	50,131	49,902	49,696	49,149	50,049	50,851	
Durable goods industries, total do.	43,666	46,193	45,923	47,241	47,452	47,655	46,929	47,004	47,086	47,306	46,999	46,684	46,193	47,154	47,939	248,300
Nondur. goods indust. with unfilled orders †††† do.	2,576	2,956	2,651	2,635	2,738	2,869	2,907	2,912	2,859	2,825	2,903	3,012	2,956	2,895	2,912	
Unfilled orders, end of year or month (seasonally adjusted), total††††† mil. \$.	46,784	49,796	48,424	49,353	50,246	50,565	50,052	49,542	49,552	49,982	50,140	50,132	49,796	50,083	50,675	
By industry group:																
Durable goods industries, total † do.	44,094	46,676	45,736	46,681	47,530	47,864	47,285	46,745	46,695	47,070	47,169	47,076	46,676	47,072	47,719	247,700
Primary metals do.	2,761	3,930	4													

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

GENERAL BUSINESS INDICATORS—Continued

BUSINESS INCORPORATIONS ♂																	
New incorporations (50 States and Dist. Col.):†																	
Unadjusted.....number.....	15,171	15,534	14,059	16,318	16,347	16,894	15,060	15,959	15,277	13,824	16,808	12,975	15,472	18,825	15,495		
Seasonally adjusted.....do.....			15,390	15,563	15,305	15,682	15,536	15,431	16,093	15,689	16,275	15,759	15,867	16,193	16,086		
INDUSTRIAL AND COMMERCIAL FAILURES ♂																	
Failures, total.....number.....	1,315	1,198	1,304	1,295	1,287	1,303	1,211	1,155	1,135	1,051	1,262	1,115	998	1,217	1,241	1,320	
Commercial service.....do.....	112	114	112	126	116	111	120	101	108	113	133	129	91	109	109	131	
Construction.....do.....	225	200	228	221	212	217	158	180	210	189	207	198	198	201	204	210	
Manufacturing and mining.....do.....	215	201	199	224	189	241	206	173	187	167	217	186	176	205	211	212	
Retail trade.....do.....	629	557	629	595	620	595	591	590	522	467	578	479	433	570	572	625	
Wholesale trade.....do.....	134	126	136	129	150	139	136	111	108	115	127	123	100	132	145	142	
Liabilities (current), total.....thous. \$.....	101,133	112,716	94,715	97,702	100,755	118,274	86,151	120,509	65,233	85,918	91,834	262,112	68,427	96,731	123,935	110,999	
Commercial service.....do.....	7,831	7,425	7,198	6,957	4,960	14,502	9,559	7,614	5,304	6,579	10,758	4,171	3,764	5,721	7,238	11,686	
Construction.....do.....	20,295	19,280	22,530	19,017	14,434	19,828	11,925	31,350	12,394	21,522	12,981	20,325	13,935	22,166	14,933	20,776	
Manufacturing and mining.....do.....	33,333	46,475	26,971	32,107	32,286	33,496	30,552	45,955	18,748	28,149	32,777	197,942	22,662	29,649	26,260	26,702	
Retail trade.....do.....	29,143	24,947	26,098	26,148	28,847	39,291	20,697	26,463	19,341	15,644	23,603	26,832	16,849	27,376	22,680	19,515	
Wholesale trade.....do.....	10,531	14,589	11,918	13,473	20,228	11,157	13,418	9,127	9,446	14,024	11,715	12,842	11,217	11,819	52,824	32,260	
Failure annual rate (seasonally adjusted) No. per 10,000 concerns.....	160.8	156.3	60.7	54.4	54.2	56.4	57.8	57.1	54.5	59.4	59.6	55.1	51.2	53.9	55.3	56.6	

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS																
Prices received, all farm products..... 1910-14=100.....	243	241	242	240	242	240	241	245	242	241	241	241	237	243	240	240
Crops.....do.....	230	238	231	238	244	246	244	239	234	232	234	241	241	243	242	243
Commercial vegetables.....do.....	244	238	252	237	243	242	244	266	204	189	201	255	241	261	278	299
Cotton.....do.....	270	270	251	270	278	275	277	269	271	276	278	274	264	254	249	259
Feed grains and hay.....do.....	153	164	161	161	161	162	169	168	168	171	162	158	164	166	164	166
Food grains.....do.....	226	224	234	234	239	233	215	205	206	213	223	224	226	230	229	215
Fruit.....do.....	220	279	227	268	308	327	317	278	270	260	275	294	309	306	298	295
Oil-bearing crops.....do.....	248	258	258	258	254	258	258	256	255	253	264	271	265	268	263	260
Potatoes (incl. dry edible beans).....do.....	156	157	155	151	140	156	153	182	207	163	140	144	144	150	156	167
Tobacco.....do.....	530	496	501	501	501	500	500	499	494	498	496	483	488	489	490	490
Livestock and products.....do.....	255	244	251	242	240	235	239	249	249	249	247	242	234	242	238	237
Dairy products.....do.....	253	252	256	249	249	234	232	239	249	260	268	271	298	265	261	254
Meat animals.....do.....	310	289	294	281	288	286	294	309	303	293	286	272	259	274	269	273
Poultry and eggs.....do.....	145	145	157	155	144	134	133	137	141	148	146	150	144	154	147	144
Wool.....do.....	251	266	264	274	279	272	272	271	264	258	258	262	266	274	281	295
Prices paid:																
All commodities and services.....do.....	280	283	284	283	283	283	283	284	283	283	282	282	282	283	283	283
Family living items.....do.....	294	298	298	297	297	297	298	296	298	297	297	298	298	298	299	299
Production items.....do.....	270	273	274	274	273	273	272	273	273	273	272	271	270	273	271	272
All commodities and services, interest, taxes, and wage rates (parity index)†..... 1910-14=100.....	307	312	312	311	312	311	311	313	312	311	311	311	311	313	313	313
Parity ratio ‡.....do.....	279	278	78	77	78	77	77	78	78	77	77	77	76	78	77	77

CONSUMER PRICES

(U.S. Department of Labor Indexes)

All items..... 1957-59=100.....																
All items.....do.....	105.4	106.7	106.1	106.2	106.2	106.2	106.6	107.1	107.1	107.1	107.2	107.4	107.6	³ 107.6	³ 107.6	
Special group indexes:																
All items less shelter.....do.....	105.4	106.7	106.1	106.1	106.1	106.1	106.6	107.1	107.2	107.1	107.2	107.4	107.5	107.6	107.5	
All items less food.....do.....	106.1	107.4	106.6	106.8	107.0	107.0	107.3	107.5	107.6	107.8	108.1	108.4	108.5	108.4	108.4	
Commodities¶:																
Nondurables.....do.....	103.2	104.1	103.6	103.6	103.6	103.5	104.0	104.6	104.6	104.4	104.5	104.7	104.9	104.9	104.8	
Durables¶:																
New cars.....do.....	101.8	102.1	101.2	101.5	101.8	101.8	102.0	102.1	102.1	102.2	102.7	103.1	103.0	102.9	102.9	
Used cars.....do.....	102.1	101.5	101.1	101.4	101.1	101.1	101.2	100.5	100.2	99.8	103.1	103.2	102.1	102.3	102.2	
Services¶:																
Commodities less food¶.....do.....	102.8	103.5	102.7	102.9	103.1	103.0	103.3	103.5	103.6	103.7	104.2	104.5	104.5	104.3	104.1	
Services¶.....do.....	110.9	113.0	112.1	112.3	112.5	112.6	112.9	113.1	113.3	113.5	113.7	113.9	114.1	114.2	114.3	
Food ¶:																
Meats, poultry, and fish.....do.....	103.6	105.1	105.0	104.6	104.3	104.2	105.0	106.2	106.0	105.4	104.9	105.1	105.4	105.8	106.0	
Dairy products.....do.....	101.7	100.2	102.1	100.7	98.3	98.0	98.4	100.2	101.4	101.5	100.4	99.7	99.2	98.3	98.3	
Fruits and vegetables.....do.....	104.1	103.8	103.6	103.5	102.9	102.8	102.8	103.3	104.2	104.3	104.6	104.8	105.0	105.0	104.8	
Housing.....do.....	105.0	111.0	109.4	109.6	112.0	113.9	115.6	118.7	114.2	108.1	106.3	108.2	109.8	112.4	113.9	
Shelter ¶*.....do.....	104.8	108.0	105.4	105.7	105.8	105.7	105.9	106.0	106.0	106.2	106.3	106.6	106.9	106.9	106.9	
Rent.....do.....	105.6	106.9	106.2	106.5	106.8	106.7	106.8	107.0	107.0	107.1	107.3	107.7	108.0	108.1	108.3	
Homeownership*.....do.....	105.7	106.8	106.4	106.4	106.5	106.6	106.7	106.7	106.8	107.0	107.1	107.2	107.3	107.3	107.5	
Fuel and utilities*.....do.....	106.6	107.0	106.1	106.5	106.9	106.7	106.8	107.1	107.1	107.2	107.4	108.0	108.4	108.5	108.8	
Household furnishings and operation*.....do.....	106.1	107.0	106.8	107.2	106.9	106.4	106.7	106.7	106.4	107.0	107.3	107.5	107.6	107.7	106.8	
Apparel and upkeep*.....do.....	101.5	102.4	102.1	102.3	102.3	102.3	102.4	102.4	102.5	102.7	102.6	102.7	102.9	102.7	102.7	
Apparel and upkeep*.....do.....	103.6	104.8	104.0	104.2	104.4	104.3	104.5	104.5	104.7	105.4	105.9	106.1	106.1	105.0	105.1	
Transportation.....do.....	107.2	107.8	106.8	107.0	107.0	107.4	107.4	107.8	108.3	107.9	109.0	139.1	139.9	109.4	108.6	
Private.....do.....	105.9	106.4	105.3	105.6	105.5	106.0	106.1	106.4	106.9	106.5	107.7	107.8	107.5	108.0	107.2	
Public.....do.....	115.4	116.9	116.3	116.4	116.5	116.5	116.6	116.6	117.1	117.1	117.6	117.6	118.3	118.3	118.4	
Health and recreation ¶*.....do.....	109.4	111.4	110.1	110.2	110.7	110.7	111.4	111.7	111.6	112.1	112.3	112.4	112.7	112.7	112.9	
Medical care.....do.....	114.2	117.0	115.9	116.1	116.4	116.7	117.2	117.3	117.4	117.5	117.7	117.9	117.9	118.2	118.5	
Personal care.....do.....	105.5	107.9	107.3	107.3	107.6	107.8	107.8	108.0	108.0	108.2	108.4	108.4	108.8	108.5	108.4	
Reading																

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962 ^p	1963 ^p	1963												1964		
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
COMMODITY PRICES—Continued																	
WHOLESALE PRICES^o																	
<i>(U.S. Department of Labor Indexes)</i>																	
Spot market prices, basic commodities:																	
22 Commodities.....1957-59=100.....	193.0	193.5	93.3	92.2	93.0	95.1	93.5	93.8	92.6	93.0	95.8	95.7	95.0	95.5	94.4	94.3	
9 Foodstuffs.....do.....	89.8	92.9	90.8	89.2	90.9	95.0	92.9	93.4	90.3	91.4	95.1	93.4	91.1	91.5	88.9	87.9	
13 Raw industrials.....do.....	95.4	93.9	95.1	94.4	94.5	95.2	93.9	94.2	94.2	94.1	96.3	97.3	97.7	98.5	98.5	98.9	
All commodities.....do.....	100.6	100.3	100.2	99.9	99.7	100.0	100.3	100.6	100.4	100.3	100.5	100.7	100.3	101.0	100.5	100.4	
By stage of processing:																	
Crude materials for further processing.....do.....	97.1	95.0	95.6	94.5	95.0	94.2	94.8	96.1	95.7	94.8	94.8	95.1	92.6	95.1	94.0	94.4	
Intermediate materials, supplies, etc.....do.....	100.2	100.5	100.1	100.0	99.9	100.5	100.6	100.6	100.5	100.5	100.9	101.0	101.1	101.3	101.2	100.9	
Finished goods.....do.....	101.7	101.4	101.5	101.1	100.8	101.1	101.5	101.8	101.4	101.5	101.6	101.8	101.4	102.1	101.6	101.5	
By durability of product:																	
Durable goods.....do.....	101.0	101.0	100.7	100.6	100.6	100.8	100.9	101.1	101.2	101.1	101.4	101.5	101.6	101.7	101.8	102.0	
Nondurable goods.....do.....	100.1	99.6	99.7	99.2	99.0	99.4	99.8	100.1	99.6	99.5	99.8	100.0	99.2	100.3	99.5	99.2	
Farm products ^q :																	
Fruits and vegetables, fresh and dried.....do.....	97.7	95.7	96.5	95.4	95.4	94.4	94.9	96.8	96.3	95.5	95.1	96.2	93.3	96.3	94.5	95.3	
Fruits.....do.....	97.7	96.1	96.5	99.0	99.6	99.8	97.1	97.0	92.5	88.0	89.1	96.1	94.8	95.9	97.9	104.9	
Grains.....do.....	98.8	101.9	103.0	103.7	105.1	102.9	101.4	99.5	98.5	102.9	101.8	100.3	101.8	103.9	102.0	99.1	
Livestock and live poultry.....do.....	96.2	88.8	89.5	85.6	88.2	86.8	89.3	94.4	93.5	88.6	88.0	87.9	79.9	84.7	82.8	83.8	
Foods, processed ^q :																	
Cereal and bakery products.....do.....	101.2	101.1	100.5	99.0	99.3	101.7	102.4	102.2	100.9	100.9	102.2	102.5	100.4	102.5	100.9	100.4	
Dairy products and ice cream.....do.....	107.6	107.3	108.6	108.0	108.1	107.6	107.0	106.4	106.0	107.0	107.7	107.3	106.9	107.0	107.4	106.8	
Fruits and vegetables, canned, frozen.....do.....	106.9	107.5	108.0	107.1	106.9	106.8	106.6	107.3	107.9	108.0	107.4	107.9	108.1	108.0	107.5	107.2	
Meats, poultry, and fish.....do.....	98.0	103.9	99.8	101.3	102.9	103.4	104.6	105.7	104.8	105.3	105.8	106.4	106.8	107.2	107.4	107.5	
Commodities other than farm products and foods 1957-59=100.....	99.1	93.3	95.6	91.8	90.3	91.9	94.1	96.3	95.2	94.2	93.2	91.7	87.7	91.8	88.9	88.7	
Commodities other than farm products and foods 1957-59=100.....																	
Chemicals and allied products ^q.....do.....	100.8	100.7	100.6	100.6	100.4	100.5	100.7	100.8	100.8	100.7	100.9	100.9	101.2	101.3	101.2	101.1	
Chemicals, industrial.....do.....	97.5	96.3	96.7	96.8	96.3	96.4	96.3	96.0	96.0	96.0	96.2	96.3	96.2	96.3	96.4	96.5	
Drugs and pharmaceuticals.....do.....	96.0	94.8	95.2	95.4	95.0	95.0	95.0	94.7	94.6	94.5	94.2	94.2	94.3	94.3	94.2	94.4	
Fats and oils, inedible.....do.....	76.3	80.3	72.7	74.5	77.7	78.6	80.6	81.4	81.7	81.3	88.5	90.2	85.0	83.1	83.2	85.8	
Fertilizer materials.....do.....	101.9	99.9	102.3	102.3	102.3	102.3	100.8	99.8	96.9	97.2	97.1	98.4	98.4	99.4	100.2	100.2	
Prepared paint.....do.....	103.8	103.8	103.8	103.7	103.7	103.0	103.0	103.0	103.9	103.9	103.9	105.1	105.3	105.3	104.8	104.9	
Fuel and related prod., and power ^q.....do.....	100.2	99.8	100.3	100.8	100.3	100.4	100.9	100.4	98.9	99.0	98.8	97.9	99.3	99.5	99.0	97.4	
Coal.....do.....	96.8	96.9	98.4	98.1	95.0	94.2	94.9	95.8	96.2	97.2	97.7	98.3	98.3	98.3	98.1	97.1	
Electric power.....do.....	102.8	102.0	102.5	102.4	102.4	102.2	102.2	102.0	101.9	101.8	101.4	101.3	101.3	101.3	101.3	101.3	
Gas fuels.....do.....	119.2	122.8	127.8	127.8	124.1	120.1	120.3	121.2	120.9	121.7	122.0	122.3	124.8	124.8	126.8	123.6	
Petroleum products, refined.....1957-59=100.....	98.2	97.2	97.1	98.2	98.2	99.1	99.9	98.7	96.1	95.9	95.6	93.8	96.1	96.6	95.3	92.9	
Furniture, other household durables ^q.....do.....	98.8	98.1	98.2	98.2	98.1	98.0	98.1	98.0	98.1	98.1	98.1	98.1	98.0	98.4	98.5	98.5	
Appliances, household.....do.....	94.0	91.8	92.3	92.3	92.1	92.0	91.9	91.7	91.7	91.4	91.2	91.2	91.1	91.5	91.8	91.7	
Furniture, household.....do.....	103.8	104.6	104.5	104.6	104.4	104.4	104.5	104.6	104.8	104.8	104.8	104.8	104.7	105.0	105.0	105.0	
Radio receivers and phonographs.....do.....	86.1	82.9	84.6	84.2	84.2	83.0	83.4	81.5	81.5	81.9	81.8	81.8	81.7	81.5	81.5	81.5	
Television receivers.....do.....	94.2	92.3	93.6	92.7	92.7	92.7	92.5	91.9	91.9	91.9	91.8	91.8	90.9	90.9	90.9	90.9	
Hides, skins, and leather products ^q.....do.....	107.4	104.2	105.1	105.1	104.5	104.8	104.5	104.3	103.6	103.1	103.4	103.5	103.0	102.7	102.5	102.6	
Footwear.....do.....	108.6	108.3	108.3	108.3	108.2	108.2	108.2	108.4	108.4	108.4	108.4	108.2	108.2	108.3	108.2	108.2	
Hides and skins.....do.....	106.2	84.0	85.9	88.4	85.0	87.4	85.8	83.5	80.5	77.3	80.5	82.7	76.3	76.1	74.0	75.9	
Leather.....do.....	108.5	101.9	104.7	103.7	102.8	103.2	102.5	102.2	100.1	99.5	99.5	99.7	99.5	99.5	99.7	99.6	
Lumber and wood products.....do.....	96.5	98.6	96.1	96.5	97.0	97.5	98.3	101.6	102.6	99.9	99.2	99.2	99.1	99.0	99.9	101.0	
Lumber.....do.....	96.5	98.9	96.2	96.6	97.6	98.4	99.2	102.1	102.7	100.7	99.3	99.3	99.2	99.2	100.3	101.4	
Machinery and motive prod. ^q.....do.....	102.3	102.2	102.2	102.0	101.9	102.0	102.0	102.1	102.1	102.2	102.3	102.5	102.6	102.5	102.7	102.7	
Agricultural machinery and equip.....do.....	109.5	111.1	110.8	111.0	110.9	110.9	111.0	110.9	110.9	110.9	111.2	111.4	111.9	112.1	112.5	112.6	
Construction machinery and equip.....do.....	107.8	109.6	108.5	108.8	108.8	109.2	109.6	109.7	110.0	110.1	110.4	110.9	111.2	111.8	111.8	112.0	
Electrical machinery and equip.....do.....	98.4	97.4	97.8	96.9	97.0	97.5	97.7	97.2	97.2	97.2	97.2	97.5	97.7	96.9	97.4	97.5	
Motor vehicles.....do.....	100.8	100.0	100.8	100.7	100.2	99.8	99.3	99.8	99.5	99.3	99.9	99.9	99.9	99.8	99.8	99.8	
Metals and metal products ^q.....do.....	100.0	100.1	99.4	99.4	99.4	99.9	100.0	100.0	100.1	100.3	100.9	101.0	101.3	101.7	101.8	101.9	
Heating equipment.....do.....	93.2	92.9	92.4	92.6	92.9	93.0	93.3	93.3	93.1	93.1	92.8	92.7	92.0	92.0	91.8	92.0	
Iron and steel.....do.....	99.3	99.1	98.6	98.4	98.5	99.3	99.0	99.0	99.0	99.1	99.9	99.9	100.0	100.2	100.2	100.2	
Nonferrous metals.....do.....	99.2	99.1	98.0	98.1	98.2	98.7	98.7	99.0	99.4	99.6	99.9	100.2	101.0	101.4	101.7	102.8	
Nonmetallic mineral products ^q.....do.....	101.8	101.3	101.5	101.5	101.5	101.3	101.2	100.9	101.0	101.1	101.3	101.2	101.3	101.1	101.2	101.3	
Clay products, structural.....do.....	103.5	103.6	103.6	103.6	103.8	104.0	104.0	103.5	103.6	103.4	103.4	103.5	103.5	103.5	103.8	103.9	
Concrete products.....do.....	102.6	101.7	102.2	102.2	102.2	101.9	101.9	101.2	101.2	101.3	101.3	101.4	101.4	101.2	101.9	100.7	
Gypsum products.....do.....	105.0	105.4	105.0	105.0	105.0	105.0	105.0	105.0	105.8	106.1	106.1	106.1	106.1	106.1	108.6	108.6	
Pulp, paper, and allied products.....do.....	100.0	99.2	99.1	99.0	99.0	99.1	99.4	99.0	99.1	99.1	99.5	99.4	99.4	99.8	99.9	99.3	
Paper.....do.....	102.6	102.4	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.8	102.9	102.9	103.1	103.1	103.5	
Rubber and products.....do.....	93.3	93.8	94.2	94.1	94.1	93.2	93.1	93.0	93.7	93.4	94.2	94.2	93.8	93.7	93.6	93.9	
Tires and tubes.....do.....	87.1	90.1	89.0	89.0	89.0	89.1	89.1	89.1	91.2	91.7	91.7	91.7	91.4	91.3	91.3	91.3	
Textile products and apparel ^q.....do.....	100.6	100.5	100.3	100.2	100.1	100.2	100.3	100.4	100.4	100.5	100.7	101.1	101.2	101.2	101.2	101.2	
Apparel.....do.....	101.5	101.9	101.4	101.4	101.3	101.6	102.0	102.2	102.2	102.3	102.5	102.3	102.3	102.3	102.3	102.3	
Cotton products.....do.....	101.7	100.3	100.5	100.2	100.1	99.7	99.7	99.8	99.7	99.9	100.2	101.3	101.3	101.3	101.2	101.0	
Manmade fiber textile products.....do.....	93.9	93.9	93.7	93.8	93.8	93.8	93.8	93.7	93.9	94.0	94.2	94.4	94.6	94.7	95.1	95.5	
Silk products.....do.....	125.9	139.9	151.1	150.9	150.9	144.4	148.0	134.5	136.6	130.1	126.1	130.5	126.3	121.6	116.8	116.6	
Wool products.....do.....	9																

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

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION PUT IN PLACE †																
New construction (unadjusted), total.....mil. \$.	4,920	5,231	3,808	4,148	4,609	5,172	5,795	5,867	6,050	5,989	6,097	5,758	5,294	4,582	4,266	4,658
Private, total ♀.....do.....	3,456	3,650	2,753	2,938	3,224	3,685	3,966	4,054	4,090	4,073	4,111	4,038	3,780	3,278	3,091	3,309
Residential (nonfarm) ♀.....do.....	2,014	2,143	1,484	1,646	1,986	2,265	2,455	2,475	2,431	2,395	2,395	2,348	2,143	1,805	1,655	1,846
New housing units.....do.....	1,553	1,672	1,161	1,281	1,458	1,634	1,825	1,919	1,943	1,932	1,936	1,909	1,734	1,452	1,314	1,464
Additions and alterations.....do.....	(1)	(1)	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Nonresidential buildings, except farm and public utilities, total ♀.....mil. \$.	947	988	875	861	848	885	932	1,018	1,070	1,117	1,118	1,125	1,096	1,041	1,020	1,005
Industrial.....do.....	238	260	230	232	229	230	239	253	268	283	293	302	306	304	300	292
Commercial ♀.....do.....	419	426	375	371	361	380	395	443	474	490	483	484	463	427	418	416
Stores, restaurants, and garages.....do.....	198	183	147	152	145	158	165	203	220	232	220	211	191	162	158	161
Farm construction.....do.....	108	105	97	98	96	101	107	115	119	113	109	104	100	96	94	95
Public utilities.....do.....	364	388	277	312	374	409	412	413	428	417	461	437	419	316	301	340
Public, total.....do.....	1,463	1,582	1,055	1,210	1,285	1,487	1,829	1,813	1,960	1,916	1,986	1,720	1,514	1,304	1,175	1,349
Nonresidential buildings.....do.....	426	461	362	416	445	457	518	482	495	510	525	468	458	435	423	471
Military facilities.....do.....	106	(1)	91	87	89	119	150	172	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Highways.....do.....	513	558	270	335	340	471	699	673	784	742	821	676	544	361	272	(1)
Other types.....do.....	418	432	332	372	411	440	462	486	509	501	491	433	386	392	378	(1)
New construction (seasonally adjusted at annual rates), total.....mil. \$.	259,036	262,775	59,154	60,114	59,555	60,458	62,335	62,733	64,194	64,228	65,888	66,106	65,522	65,641	65,785	67,020
Private, total ♀.....do.....	41,478	43,796	41,376	41,526	42,436	43,143	43,184	43,931	44,571	44,827	45,608	45,750	45,867	45,610	46,121	46,556
Residential (nonfarm).....do.....	24,174	25,711	24,273	24,353	24,984	25,646	25,801	25,888	25,832	25,919	26,532	26,927	26,615	26,710	26,959	27,258
Nonresidential buildings, except farm and public utilities, total ♀.....mil. \$.	11,362	11,860	11,111	11,192	11,181	11,135	11,103	11,717	12,384	12,738	12,670	12,752	12,883	12,760	12,865	13,001
Industrial.....do.....	2,857	3,118	2,771	2,774	2,810	2,852	2,976	3,136	3,310	3,395	3,461	3,538	3,577	3,469	3,472	3,492
Commercial ♀.....do.....	5,023	5,110	4,902	4,963	4,800	4,775	4,589	4,953	5,346	5,561	5,412	5,367	5,412	5,400	5,448	5,569
Stores, restaurants, and garages.....do.....	2,375	2,196	2,078	2,138	2,136	2,033	1,810	2,125	2,388	2,524	2,392	2,255	2,252	2,250	2,221	2,270
Farm construction.....do.....	1,294	1,258	1,274	1,269	1,265	1,261	1,258	1,254	1,250	1,248	1,243	1,242	1,241	1,241	1,237	1,231
Public utilities.....do.....	4,371	4,657	4,434	4,438	4,737	4,805	4,686	4,718	4,741	4,580	4,849	4,555	4,852	4,647	4,768	4,765
Public, total ♀.....do.....	17,558	18,979	17,778	18,588	17,119	17,315	19,151	18,802	19,623	19,401	20,280	20,356	19,655	20,031	19,664	20,464
Nonresidential buildings.....do.....	5,115	5,532	5,230	5,394	5,311	5,358	5,660	5,306	5,436	5,643	5,831	5,802	6,051	5,781	6,126	6,130
Military facilities.....do.....	1,269	(1)	1,405	1,255	1,176	1,369	1,682	1,909	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Highways.....do.....	6,156	6,702	6,170	6,960	5,602	5,611	6,813	6,331	6,965	6,550	7,442	7,706	6,761	7,150	6,262	(1)
CONSTRUCTION CONTRACTS																
Construction contracts in 48 States (F. W. Dodge Corp.): Δ																
Valuation, total.....mil. \$.	3,442	3,824	2,917	3,583	3,983	4,851	4,402	4,125	4,061	3,707	4,313	3,749	3,413	3,346	3,201	-----
Index (mo. data seas. adj.).....1957-59=100.....	3120	433	130	118	125	144	135	126	132	128	146	144	148	147	143	-----
Public ownership.....mil. \$.	1,133	1,229	1,092	1,182	1,168	1,567	1,384	1,319	1,318	1,154	1,321	1,157	1,155	1,198	1,041	-----
Private ownership.....do.....	2,309	2,594	1,825	2,401	2,814	3,283	3,019	2,805	2,744	2,552	2,992	2,592	2,257	2,149	2,160	-----
By type of building:																
Nonresidential.....do.....	1,084	1,212	1,005	1,146	1,210	1,452	1,458	1,271	1,322	1,154	1,331	1,082	1,102	1,158	1,082	-----
Residential.....do.....	1,503	1,716	1,215	1,642	1,986	2,061	1,966	1,934	1,883	1,789	2,028	1,519	1,325	1,372	1,427	-----
Public works.....do.....	659	683	571	629	635	952	812	742	675	662	748	704	629	816	692	-----
Utilities.....do.....	196	212	127	167	152	385	167	178	182	102	206	444	356	-----	-----	
Heavy construction:																
New advance planning (ENR) \$.....do.....	1,766	2,770	2,075	3,250	2,037	2,328	2,072	2,416	2,976	2,666	3,600	4,484	2,656	6,577	3,986	2,664
Concrete pavement awards: ♂																
Total.....thous. sq. yds.	9,483	10,053	6,351	8,131	10,216	12,343	9,793	13,661	9,939	8,142	13,033	8,164	10,389	10,891	46,820	4,905
Airports.....do.....	477	482	122	1,042	521	742	357	973	184	254	189	199	176	256	225	836
Roads.....do.....	6,217	6,411	4,923	4,872	6,415	7,657	5,649	7,592	5,613	4,968	8,139	5,115	8,177	8,464	5,159	6,956
Streets and alleys.....do.....	2,789	3,160	1,306	2,217	3,279	3,944	3,788	5,097	3,603	2,920	4,706	2,850	2,037	2,095	1,197	1,046
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total, incl. farm (public and private).....thous.	124.4	134.8	87.6	128.1	160.3	169.5	157.3	152.3	147.9	147.3	166.1	121.2	96.8	100.8	100.5	132.0
One-family structures.....do.....	83.0	83.8	52.4	80.6	105.7	107.1	100.4	98.2	95.8	92.9	102.7	71.9	50.5	56.8	-----	-----
Privately owned.....do.....	121.9	132.2	86.5	124.4	158.2	166.4	153.4	150.2	144.4	145.3	163.1	119.4	95.1	99.6	99.9	129.4
Total nonfarm (public and private).....do.....	122.4	132.5	86.1	126.3	157.5	166.3	155.5	150.7	145.5	144.1	162.8	118.8	94.5	99.5	97.9	130.1
In metropolitan areas.....do.....	87.7	94.8	65.0	88.9	111.2	116.3	109.2	105.2	100.4	103.7	116.5	83.9	75.5	75.3	73.4	-----
Privately owned.....do.....	119.9	130.0	85.0	122.6	155.4	163.2	151.6	148.6	142.0	142.1	159.8	117.0	92.8	98.3	97.3	127.5
Seasonally adjusted at annual rates:																
Total, including farm (private only).....do.....	-----	-----	1,380	1,575	1,618	1,618	1,571	1,588	1,455	1,732	1,847	1,564	1,564	1,718	1,653	1,648
Total nonfarm (private only).....do.....	-----	-----	1,353	1,549	1,590	1,590	1,554	1,573	1,434	1,697	1,807	1,533	1,518	1,688	1,609	1,622
New private housing units authorized by bldg. permits (12,000 permit-issuing places):*																
Seasonally adjusted at annual rates:																
Total.....thous.	1,229	1,327	1,228	1,274	1,264	1,329	1,363	1,308	1,262	1,372	1,412	1,369	1,426	1,314	1,405	1,370
One-family structures.....do.....	756	746	697	746	779	753	771	735	726	771	756	736	699	710	792	772
CONSTRUCTION COST INDEXES																
Department of Commerce composite†																
American Appraisal Co., The:																
Average, 30 cities.....1957-59=100.....	107	109	108	108	108	109	109	110	110	110	110	110	111	111	111	111
Atlanta.....do.....	756	780	771	771	772	775	778	782	786	788	790	791	792	792	793	-----
New York.....do.....	832	857	851	852	852	852	852	856	862	862	863	863	863	863	870	-----
San Francisco.....do.....	836	858	849	849	849	849	851	851	867	869	872	874	874	884	884	-----
St. Louis.....do.....	720	761	744	745	745	746	762	770	774	775	778	778	778	778	780	-----
Associated General Contractors (building only).....1957-59=100.....	741	760	756	756	754	754	754	754	762	762	765	774	776	779	779	-----

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

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962		1963		1963								1964			
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CONSTRUCTION AND REAL ESTATE—Continued																
CONSTRUCTION COST INDEXES—Con.																
E. H. Boeckh and Associates, Inc.: ¹																
Average, 20 cities:																
All types combined..... 1957-59=100	107.8	110.2	108.9	108.9	109.1	109.7	110.3	110.7	110.8	111.2	111.3	111.4	111.5	111.9		
Apartments, hotels, office buildings..... do	108.8	111.3	110.0	110.0	110.2	110.9	111.4	111.8	112.0	112.3	112.4	112.5	112.6	113.0		
Commercial and factory buildings..... do	107.8	110.2	108.9	108.9	109.1	109.7	110.3	110.7	110.8	111.2	111.2	111.4	111.5	111.9		
Residences..... do	106.3	108.5	107.1	107.2	107.4	108.0	108.5	108.8	109.1	109.6	109.7	109.8	109.9	110.2		
Engineering News-Record:																
Building..... 1957-59=100	110.1	112.7	111.0	111.2	111.2	111.6	112.0	113.1	114.2	114.2	114.6	114.3	114.4	114.6	114.6	115.0
Construction..... do	114.7	118.5	116.2	116.4	116.4	117.7	118.3	119.6	120.3	120.2	120.5	120.2	120.4	120.5	120.8	121.1
Bu. of Public Roads—Highway construction:																
Composite (avg. for qtr.)..... 1957-59=100	298.6	2101.0		99.6			99.6			101.7			103.4			
CONSTRUCTION MATERIALS																
Output index:																
Composite, unadjusted ² 1947-49=100	134.5	142.9	113.8	133.4	150.1	162.6	151.5	151.1	161.7	152.4	163.8	135.8	122.2			
Seasonally adjusted ² do			128.3	138.2	147.7	151.7	141.6	156.9	147.0	146.2	144.7	142.4	142.3			
Iron and steel products, unadjusted..... do	131.6	140.7	99.2	129.1	158.5	172.2	162.0	162.1	165.8	147.2	154.9	126.0	113.3			
Lumber and wood products, unadj..... do	134.6	140.5	130.1	140.9	144.7	153.8	133.7	128.6	149.2	147.4	160.7	137.6	130.3			
Portland cement, unadjusted..... do	167.6	176.1	88.2	128.8	175.4	206.4	209.3	220.1	224.0	207.5	219.1	181.7	143.5	113.2		
REAL ESTATE																
Mortgage applications for new home construction:																
Applications for FITA commitments..... thous. units	18.4	15.8	14.6	18.8	24.9	16.1	17.5	17.1	16.4	14.8	15.0	11.4	10.3	11.5	14.4	19.0
Seasonally adjusted annual rate..... do			197	197	251	160	195	182	172	173	176	190	183	178	193	190
Requests for VA appraisals..... do	14.3	11.6	10.7	13.3	12.2	15.7	11.8	11.9	13.3	11.3	11.2	8.3	9.1	9.1	9.4	11.3
Seasonally adjusted annual rate..... do			150	152	119	152	123	122	133	140	140	145	159	138	135	124
Home mortgages insured or guaranteed by—																
Fed. Hous. Adm.: Face amount..... mil. \$	439.24	464.09	399.82	416.19	392.31	415.17	419.35	511.16	507.76	505.00	567.53	444.50	486.68	543.00	439.85	483.39
Vet. Adm.: Face amount..... do	221.01	253.76	202.02	219.06	244.64	259.56	225.60	265.14	278.14	267.35	316.01	258.21	255.35	267.77	201.31	
Federal Home Loan Banks, outstanding advances to member institutions..... mil. \$	3,479	4,784	2,611	2,514	2,635	2,740	3,270	3,548	3,758	4,024	4,226	4,290	4,784	4,414	4,216	
New mortgage loans of all savings and loan associations, estimated total..... mil. \$																
By purpose of loan:	1,730	2,061	1,503	1,834	2,058	2,199	2,242	2,341	2,428	2,196	2,387	1,856	2,118	1,716	1,718	
Home construction..... do	498	586	429	573	622	651	638	619	623	642	685	502	620	434	470	
Home purchase..... do	710	827	576	666	760	854	936	1,003	1,071	928	977	757	776	696	671	
All other purposes..... do	521	648	498	595	676	694	668	719	734	626	725	597	722	586	577	
New nonfarm mortgages recorded (\$20,000 and under), estimated total..... mil. \$																
Nonfarm foreclosures..... number	2,849	3,077	2,424	2,751	3,065	3,293	3,177	3,515	3,525	3,177	3,534	2,880	2,987	2,758		
Fire losses (on bldgs., contents, etc.)..... mil. \$	7,204	8,183	7,300	8,178	8,758	8,814	8,059	8,347	8,463	7,898	8,461	7,959	7,981			

DOMESTIC TRADE

ADVERTISING																
Printers' Ink advertising index, seas. adj.: ¹																
Combined index..... 1957-59=100	113	116	112	114	117	116	115	117	116	121	116	111	121			
Business papers..... do	108	114	114	115	113	109	113	115	110	116	114	114	118			
Magazines..... do	119	128	117	122	125	124	130	133	128	132	128	132	135			
Newspapers..... do	102	103	97	97	103	105	101	105	104	110	102	97	114			
Outdoor..... do	88						87	88	81	79	101	83	85			
Radio (network)..... do	75	83	66	76	87	83	84	89	103	93	88	75	93			
Television (network)..... do	118	124	125	125	128	128	124	123	127	130	122	108	126			
Television advertising:																
Network (major national networks):																
Gross time costs, total..... mil. \$	2199.7	2208.2		203.9			207.2			200.8			220.8			
Automotive, incl. accessories..... do	213.1	214.6		14.9			13.9			13.3			16.3			
Drugs and toiletries..... do	263.3	269.6		70.4			67.8			67.9			72.3			
Foods, soft drinks, confectionery..... do	239.5	239.9		39.1			38.3			39.1			43.0			
Soaps, cleansers, etc..... do	220.9	221.9		21.3			22.0			22.6			21.6			
Smoking materials..... do	222.2	223.9		23.3			23.0			24.2			25.0			
All other..... do	240.8	238.4		35.0			42.3			33.8			42.6			
Spot (natl. and regional, cooperating stations):																
Gross time costs, total..... do	2180.3	2217.8		219.8			223.1			185.3			242.9			
Automotive, incl. accessories..... do	25.9	28.1		7.5			9.1			7.6			8.4			
Drugs and toiletries..... do	236.1	242.8		48.7			39.0			34.9			48.7			
Foods, soft drinks, confectionery..... do	260.4	273.0		76.9			72.4			60.2			82.3			
Soaps, cleansers, etc..... do	221.1	222.9		23.3			25.7			22.4			20.3			
Smoking materials..... do	27.4	29.7		8.8			11.2			8.6			10.1			
All other..... do	249.4	261.2		54.7			65.6			51.5			73.1			
Magazine advertising (general and natl. farm magazines):																
Cost, total..... mil. \$	73.0	77.6	66.6	85.1	90.6	89.7	74.8	57.0	54.5	82.1	99.6	103.2	77.2	54.0	73.0	
Apparel and accessories..... do	4.6	4.8	3.0	5.3	6.9	6.1	2.7	.9	5.1	9.1	7.0	5.7	3.9	2.0	3.3	
Automotive, incl. accessories..... do	7.9	8.5	9.0	10.9	10.4	10.3	7.3	4.7	3.8	6.1	14.8	12.7	5.9	7.0	9.1	
Building materials..... do	2.3	2.2	1.5	3.1	3.7	3.2	2.6	1.5	1.4	3.0	2.2	1.8	1.5	.9	1.8	
Drugs and toiletries..... do	7.1	8.0	5.9	8.6	8.4	7.9	8.7	7.1	6.4	8.0	9.9	10.8	9.9	6.2	8.0	
Foods, soft drinks, confectionery..... do	10.6	10.4	10.3	11.4	10.7	10.4	10.2	9.0	7.8	8.9	12.4	13.6	11.0	9.0	10.9	
Beer, wine, liquors..... do	4.5	4.7	3.2	4.4	4.3	5.2	5.1	4.2	2.9	4.2	5.5	6.9	8.8	1.7	3.3	
Household equip., supplies, furnishings..... do	4.9	5.5	3.5	5.0	7.5	8.7	5.7	4.2	2.8	5.8	8.4	7.7	4.4	2.7	3.6	
Industrial materials..... do	3.7	3.7	2.4	3.5	4.4	4.6	4.0	3.0	3.0	4.5	5.1	5.5	2.8	1.8	3.1	
Soaps, cleansers, etc..... do	.8	1.0	.7	1.0	1.5	1.5	1.0	.7	.7	1.0	1.4	1.4	.4	.7	.9	
Smoking materials..... do	2.8	3.0	2.5	2.7	2.7	3.1	3.4	2.8	2.7	3.0	3.3	3.9	3.8	2.4	3.1	
All other..... do	23.8	25.8	24.6	29.2	30.1	28.7	24.0	19.0	17.9	28.4	29.6	33.2	24.8	19.7	26.0	

¹ Revised. ² Index as of Apr. 1, 1964: Building, 115.3; construction, 121.6.³ Annual average based on quarterly data. ⁴ End of year.⁵ Copyrighted data; see last paragraph of headnote, p. S-1.⁶ Includes data for items not shown separately.⁷ Data include guaranteed direct loans sold; these became sizable after 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

DOMESTIC TRADE—Continued

ADVERTISING—Continued																
Newspaper advertising linage (52 cities):																
Total.....ml. lines.....	233.2	238.0	190.3	238.7	241.1	268.7	243.1	212.5	231.1	246.7	267.7	258.4	260.6	210.6	210.4	
Classified.....do.....	60.5	62.5	53.2	63.4	63.7	69.7	67.5	63.6	66.8	65.0	65.9	61.8	53.8	59.8	60.9	
Display, total.....do.....	172.7	175.6	137.1	175.3	177.4	199.0	175.6	148.9	164.3	181.7	201.8	196.6	206.7	150.8	149.5	
Automotive.....do.....	12.4	12.5	10.3	11.9	15.3	16.3	14.1	11.6	11.2	12.7	16.0	13.0	8.7	10.6	12.1	
Financial.....do.....	4.8	4.9	4.2	4.7	4.9	4.3	4.9	5.5	3.7	4.7	5.5	4.7	5.3	6.8	4.2	
General.....do.....	25.1	23.8	19.5	25.4	25.6	29.3	25.5	19.2	18.7	26.2	28.9	25.8	24.0	18.2	20.8	
Retail.....do.....	130.3	134.3	103.2	133.3	131.6	149.1	131.0	112.6	130.7	138.1	151.4	153.1	168.8	115.2	112.3	
RETAIL TRADE																
All retail stores:																
Estimated sales (unadj.), total.....ml. \$..	19,613	20,536	17,087	19,653	20,518	21,228	20,737	20,540	21,018	19,267	21,528	21,494	25,104	19,154	18,693	20,404
Durable goods stores ♀.....do.....	6,245	6,675	5,432	6,383	6,982	7,239	7,044	6,976	6,556	5,999	7,599	6,985	7,208	6,031	6,058	6,663
Automotive group.....do.....	3,566	3,800	3,309	3,926	4,262	4,301	4,126	4,003	3,529	2,990	4,387	3,949	3,690	3,677	3,659	4,018
Passenger car, other auto. dealers.....do.....	3,344	3,600	3,148	3,732	4,053	4,060	3,865	3,746	3,288	2,779	4,148	3,712	3,377	3,488	3,481	
Tire, battery, accessory dealers.....do.....	222	230	161	194	229	241	261	257	241	211	239	237	313	189	178	
Furniture and appliance group.....do.....	901	968	781	838	854	934	933	965	992	980	1,095	1,077	1,333	905	910	999
Furniture, homefurnishings stores.....do.....	583	622	502	543	574	612	599	608	651	647	719	703	790	584	591	
Household appliance, TV, radio.....do.....	318	346	279	295	280	322	334	357	341	333	376	374	543	321	319	
Lumber, building, hardware group.....do.....	947	964	649	795	977	1,068	1,050	1,100	1,138	1,055	1,119	1,002	918	712	703	
Lumber, bldg. materials dealers♂.....do.....	728	743	493	604	748	828	819	876	911	842	897	771	610	536	534	
Hardware stores.....do.....	219	221	156	191	229	240	231	224	227	213	222	231	308	176	169	
Nondurable goods stores ♀.....do.....	13,367	13,861	11,655	13,270	13,536	13,989	13,693	13,564	14,462	13,268	13,929	14,509	17,896	13,123	12,635	13,741
Apparel group.....do.....	1,195	1,205	826	1,081	1,268	1,163	1,127	1,010	1,167	1,161	1,191	1,308	2,172	1,026	911	1,199
Men's and boys' wear stores.....do.....	228	232	160	186	224	218	239	200	209	203	218	254	471	208	173	
Women's apparel, accessory stores.....do.....	456	466	326	428	482	460	421	390	446	448	472	509	834	407	371	
Family and other apparel stores.....do.....	301	300	193	262	303	275	265	241	300	296	304	343	572	234	211	
Shoe stores.....do.....	209	207	147	205	259	210	202	179	212	214	197	202	295	177	156	
Drug and proprietary stores.....do.....	609	681	641	667	652	676	664	660	680	647	667	666	906	671	659	681
Eating and drinking places.....do.....	1,442	1,506	1,254	1,421	1,463	1,562	1,592	1,646	1,698	1,526	1,556	1,486	1,533	1,436	1,402	1,488
Food group.....do.....	4,801	4,929	4,467	4,976	4,677	5,066	4,957	5,003	5,318	4,684	4,910	5,153	5,194	5,018	4,865	4,929
Grocery stores.....do.....	4,344	4,463	4,048	4,531	4,223	4,578	4,483	4,502	4,828	4,238	4,449	4,689	4,679	4,558	4,415	4,437
Gasoline service stations.....do.....	1,554	1,614	1,395	1,543	1,574	1,626	1,659	1,712	1,730	1,599	1,649	1,625	1,713	1,566	1,473	1,582
General merchandise group ♀.....do.....	2,267	2,388	1,627	2,075	2,299	2,278	2,266	2,108	2,444	2,275	2,417	2,728	4,399	1,872	1,858	2,319
Department stores.....do.....	1,320	1,390	905	1,205	1,323	1,325	1,340	1,212	1,408	1,340	1,404	1,590	2,625	1,094	1,059	1,316
Mail order houses (dept. store mdse.).....do.....	163	177	126	153	163	160	141	148	183	172	197	248	307	140	147	
Variety stores.....do.....	371	385	274	320	384	361	357	341	390	354	378	414	793	289	317	
Liquor stores.....do.....	450	472	386	427	429	458	450	474	489	437	466	510	724	493	426	
Estimated sales (seas. adj.), total.....do.....			20,374	20,350	20,276	20,200	20,486	20,719	20,666	20,426	20,716	20,558	21,019	21,000	21,440	21,134
Durable goods stores ♀.....do.....			6,624	6,576	6,646	6,512	6,630	6,773	6,562	6,606	6,941	6,734	6,831	6,855	7,183	6,867
Automotive group.....do.....			3,820	3,764	3,824	3,740	3,843	3,940	3,733	3,717	3,980	3,791	3,935	3,951	4,133	
Passenger car, other auto. dealers.....do.....			3,598	3,544	3,602	3,515	3,607	3,709	3,512	3,495	3,748	3,556	3,685	3,711	3,898	
Tire, battery, accessory dealers.....do.....			222	220	222	225	236	231	221	222	232	235	250	240	235	
Furniture and appliance group.....do.....			953	940	945	938	935	979	939	985	1,028	986	1,021	1,019	1,061	
Furniture, homefurnishings stores.....do.....			616	607	617	598	611	613	611	648	666	640	637	671	696	
Household appliance, TV, radio.....do.....			337	333	328	340	324	366	328	337	362	346	384	348	365	
Lumber, bldg. hardware group.....do.....			939	942	957	940	962	958	992	975	986	994	952	949	998	
Lumber, bldg. materials dealers♂.....do.....			718	722	736	738	750	746	771	761	764	754	716	730	767	
Hardware stores.....do.....			221	220	221	202	212	212	221	214	222	240	236	219	231	
Nondurable goods stores ♀.....do.....			13,750	13,774	13,630	13,688	13,856	13,946	14,104	13,820	13,775	13,824	14,188	14,145	14,257	14,267
Apparel group.....do.....			1,209	1,207	1,166	1,156	1,179	1,214	1,259	1,204	1,150	1,186	1,250	1,250	1,268	
Men's and boys' wear stores.....do.....			234	233	233	221	222	239	247	238	217	224	239	231	242	
Women's apparel, accessory stores.....do.....			460	462	443	447	471	475	480	465	451	463	482	497	499	
Family and other apparel stores.....do.....			300	293	287	285	287	298	323	303	286	294	307	302	313	
Shoe stores.....do.....			215	219	203	203	199	202	209	198	196	205	202	220	214	
Drug and proprietary stores.....do.....			683	678	677	678	674	674	685	688	683	677	694	694	669	
Eating and drinking places.....do.....			1,496	1,507	1,518	1,504	1,511	1,497	1,519	1,470	1,530	1,506	1,528	1,580	1,611	
Food group.....do.....			4,854	4,853	4,864	4,894	4,923	5,030	4,996	4,897	4,943	4,973	4,991	5,031	5,007	
Grocery stores.....do.....			4,433	4,399	4,400	4,414	4,456	4,540	4,527	4,441	4,484	4,512	4,523	4,548	4,533	
Gasoline service stations.....do.....			1,611	1,618	1,594	1,581	1,584	1,602	1,612	1,605	1,618	1,638	1,681	1,638	1,634	
General merchandise group ♀.....do.....			2,332	2,409	2,301	2,322	2,409	2,415	2,475	2,390	2,303	2,355	2,474	2,481	2,568	
Department stores.....do.....			1,349	1,417	1,330	1,353	1,414	1,403	1,452	1,386	1,321	1,355	1,457	1,464	1,523	
Mail order houses (dept. store mdse.).....do.....			169	173	171	163	174	185	189	181	173	183	184	181	198	
Variety stores.....do.....			376	378	377	380	389	385	387	386	390	381	397	410	413	
Liquor stores.....do.....			457	458	471	469	475	481	476	466	478	473	483	471	481	
Estimated inventories, end of year or month:†																
Book value (unadjusted), total.....ml. \$..	27,071	27,826	27,735	28,573	28,637	28,439	28,041	27,957	27,575	27,894	29,134	29,989	27,826	28,002	28,727	
Durable goods stores ♀.....do.....	11,472	11,722	11,943	12,148	12,080	11,965	11,896	11,837	11,105	10,880	11,400	11,910	11,722	12,018	12,334	
Automotive group.....do.....	4,778	5,146	5,335	5,888	5,318	5,249	5,147	5,129	4,281	4,098	4,488	4,846	5,146	5,439	5,724	
Furniture and appliance group.....do.....	1,861	1,858	1,815	1,859	1,870	1,846	1,852	1,840	1,888	1,904	1,968	1,999	1,858	1,824	1,829	
Lumber, building, hardware group.....do.....	2,264	2,231	2,314	2,397	2,415	2,404	2,362	2,322	2,313	2,299	2,273	2,283	2,231	2,248	2,297	
Nondurable goods stores ♀.....do.....	15,599	16,104	15,792	16,425	16,557	16,453	16,145	16,120	16,470							

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963										1964			
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
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 ¹.....mil. \$.	16.210	16.726	16.290	16.342	16.439	16.478	16.510	16.586	16.544	16.542	16.693	16.795	16.726	16.903	16.899	
Apparel group.....do.....	3.569	3.641	3.542	3.563	3.555	3.578	3.560	3.616	3.600	3.619	3.655	3.686	3.641	3.742	3.752	
Food group.....do.....	3.405	3.560	3.445	3.466	3.550	3.560	3.663	3.604	3.546	3.541	3.571	3.578	3.560	3.655	3.670	
General merchandise group.....do.....	4.897	5.037	4.971	4.960	4.979	4.985	4.943	4.923	4.931	4.976	5.045	5.108	5.037	5.060	4.973	
Department stores*.....do.....	2.466	2.603	2.480	2.468	2.490	2.502	2.513	2.536	2.531	2.556	2.609	2.654	2.603	2.661	2.646	
Firms with 4 or more stores:																
Estimated sales (unadjusted), total.....do.....	5,472	5,813	4,592	5,469	5,574	5,776	5,685	5,518	6,094	5,546	5,947	6,411	8,239	5,328	5,160	
Firms with 11 or more stores:																
Estimated sales (unadj.), total ².....do.....	4,631	4,857	3,826	4,571	4,651	4,849	4,767	4,601	5,107	4,611	4,915	5,364	6,943	4,478	4,330	
Apparel group ³.....do.....	307	316	202	283	353	315	307	263	310	309	311	348	567	247	228	
Men's and boys' wear stores.....do.....	29	30	19	25	29	29	30	25	25	25	30	34	60	26	22	
Women's apparel, accessory stores.....do.....	124	134	82	116	141	135	130	115	138	128	131	152	246	97	95	
Shoe stores.....do.....	90	88	64	87	113	90	87	71	84	93	83	83	133	73	66	
Drug and proprietary stores.....do.....	137	144	128	135	134	138	141	138	143	135	138	143	226	140	138	
Eating and drinking places.....do.....	100	104	89	102	102	107	108	111	115	107	109	105	107	102	100	
Furniture, home furnishings stores.....do.....	40	42	32	39	38	43	41	38	44	41	51	52	51	32	39	
General merchandise group ⁴.....do.....	1,464	1,585	1,035	1,329	1,504	1,491	1,516	1,415	1,641	1,526	1,615	1,843	2,995	1,262	1,246	
Dept. stores, excl. mail order sales.....do.....	901	985	621	835	929	935	965	879	1,015	961	1,000	1,137	1,850	790	763	
Variety stores.....do.....	284	295	204	241	294	276	276	263	301	272	292	321	611	216	238	
Grocery stores.....do.....	1,920	1,974	1,790	2,067	1,862	2,063	1,950	1,915	2,137	1,825	1,965	2,140	2,081	2,086	1,982	
Lumber yards, bldg. materials dealers ⁵.....do.....	62	63	42	52	63	72	73	75	76	71	75	64	50	46	47	
Tire, battery, accessory dealers.....do.....	90	91	62	77	92	97	103	102	94	83	93	94	132	75	72	
Estimated sales (seas. adj.), total ².....do.....			4,737	4,778	4,705	4,730	4,848	4,914	4,983	4,871	4,809	4,922	5,043	5,089	5,111	
Apparel group ³.....do.....			311	311	309	309	311	324	341	316	298	310	326	336	337	
Men's and boys' wear stores.....do.....			29	29	29	29	28	33	33	31	29	27	29	31	33	
Women's apparel, accessory stores.....do.....			126	131	126	131	136	141	147	132	125	135	137	139	140	
Shoe stores.....do.....			94	92	89	85	83	82	90	87	84	83	92	94	90	
Drug and proprietary stores.....do.....			143	140	139	143	144	145	150	147	146	144	147	152	148	
Eating and drinking places.....do.....			102	104	103	104	104	105	107	105	107	105	106	111	110	
Furniture, home furnishings stores.....do.....			40	40	40	40	42	40	44	42	46	44	42	41	47	
General merchandise group ⁴.....do.....			1,513	1,569	1,503	1,512	1,593	1,604	1,646	1,605	1,523	1,600	1,674	1,698	1,743	
Dept. stores, excl. mail order sales.....do.....			927	972	922	930	990	995	1,035	1,000	932	993	1,050	1,057	1,090	
Variety stores.....do.....			288	294	287	285	297	295	294	297	298	296	305	318	318	
Grocery stores.....do.....			1,952	1,940	1,946	1,955	1,964	1,992	2,007	1,970	1,993	2,015	2,017	2,041	2,018	
Lumber yards, bldg. materials dealers ⁵.....do.....			61	63	63	64	65	64	63	63	64	63	61	63	67	
Tire, battery, accessory dealers.....do.....			88	89	90	88	93	92	88	89	91	92	99	99	98	
All retail stores, accounts receivable, end of mo.:																
Total.....mil. \$.	14,299	15,484	12,700	12,912	13,352	13,634	13,799	13,781	14,016	13,990	14,269	14,361	15,484	14,628	14,260	
Durable goods stores.....do.....	6,241	6,626	5,685	5,799	5,965	6,160	6,339	6,457	6,559	6,532	6,559	6,456	6,626	6,259	6,177	
Nondurable goods stores.....do.....	8,058	8,858	7,015	7,113	7,387	7,474	7,460	7,324	7,457	7,458	7,681	7,905	8,858	8,369	8,083	
Charge accounts.....do.....	7,441	7,826	6,586	6,658	7,032	7,202	7,147	7,157	7,264	7,178	7,381	7,381	7,826	7,409	7,215	
Installment accounts.....do.....	6,858	7,658	6,114	6,254	6,320	6,432	6,652	6,624	6,752	6,812	6,888	6,980	7,658	7,219	7,045	
Department stores:																
Ratio of collections to accounts receivable:																
Charge accounts.....percent.....	48	49	48	48	47	49	48	49	50	48	50	49	49	49	48	
Installment accounts.....do.....	17	17	16	17	16	16	16	17	17	17	18	17	18	17	16	
Sales by type of payment:																
Cash sales.....percent of total sales.....	43	43	42	42	43	43	43	43	44	42	41	43	45	43	42	
Charge account sales.....do.....	40	39	40	41	40	39	39	39	39	40	41	39	38	37	39	
Installment sales.....do.....	17	18	18	17	17	18	18	18	17	18	18	18	17	20	19	

EMPLOYMENT AND POPULATION

POPULATION																
Population, U.S. (incl. Alaska and Hawaii):																
Total, incl. armed forces overseas ¹.....mil.	2186.66	2189.38	188.35	188.54	188.73	188.94	189.16	189.38	189.62	189.89	190.14	190.39	190.61	190.81	191.01	191.23
EMPLOYMENT																
Noninstitutional population, est. number 14 years of age and over, total, unadj.....mil.	130.08	132.12	131.41	131.59	131.74	131.86	132.04	132.20	132.34	132.50	132.68	132.85	133.02	133.20	133.36	133.52
Total labor force, incl. armed forces.....thous.	74,681	75,712	73,999	74,382	74,897	75,864	77,901	77,917	77,167	75,811	76,086	76,000	75,201	74,514	75,259	75,553
Civilian labor force, total.....do.....	71,854	72,975	71,275	71,650	72,161	73,127	75,165	75,173	74,418	73,062	73,344	73,261	72,611	71,793	72,527	72,810
Employed, total.....do.....	67,846	68,809	66,358	67,148	68,097	69,061	70,319	70,851	70,561	69,546	69,891	69,325	68,615	67,228	68,002	68,517
Agricultural employment.....do.....	5,190	4,946	4,049	4,337	4,673	5,178	5,954	5,969	5,496	5,326	5,350	4,777	4,039	3,993	3,931	4,017
Nonagricultural employment.....do.....	62,657	63,863	62,309	62,812	63,424	63,883	64,365	64,882	65,065	64,220	64,541	64,544	64,576	63,234	64,071	64,500
Unemployed (all civilian workers).....do.....	4,007	4,166	4,918	4,501	4,063	4,066	4,846	4,322	3,857	3,516	3,453	3,936	3,846	4,565	4,524	4,293
Long-term (15 weeks and over).....do.....	1,119	1,088	1,303	1,386	1,424	1,292	1,016	933	949	886	919	864	928	1,106	1,163	1,322
Percent of civilian labor force.....	5.6	5.7	6.9	6.3	5.6	5.6	6.4	5.7	5.2	4.8	4.7	5.4	5.3	6.4	6.2	5.9
Not in labor force.....thous.	55,400	56,412	57,414	57,208	56,843	56,001	54,135	54,279	55,178	56,686	56,596	56,852	57,824	58,685	58,099	57,965
Civilian labor force, seasonally adjt.....do.....			72,429	72,460	72,902	73,022	72,891	73,207	72,988	73,091	73,168	73,572	73,224	73,667	73,835	73,760
Employed, total.....do.....			68,122	68,364	68,767	68,720	68,767	69,101	68,941	69,044	69,067	69,222	69,205	69,567	69,832	69,807
Agricultural employment.....do.....			4,895	4,886	4,997	5,030	4,924	5,009	4,872	4,877	4,939	4,903	4,890	4,936	4,797	4,600
Nonagricultural employment.....do.....			63,227	63,478	63,770	63,690	63,843	64,092	64,069	64,167	64,128	64,319	64,315	64,631	65,035	65,207
Unemployed (all civilian workers).....do.....			4,307	4,096	4,135	4,302	4,124	4,106	4,047	4,047	4,101	4,350	4,019	4,100	4,003	3,953
Long-term (15 weeks and over).....do.....			1,128	1,097	1,067	1,113	1,080	1,042	1,083	1,078	1,114	1,060	1,022	1,105	1,007	1,047
Rates (percent of those in group):																
All civilian workers.....			5.9	5.7	5.7	5.9	5.7	5.6	5.5	5.5	5.6	5.9	5.5	5.6	5.4	5.4

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

EMPLOYMENT AND POPULATION—Continued

EMPLOYMENT—Continued																
Employees on payrolls (nonagricultural estab.)†																
Total, unadjusted†	55,841	57,174	55,374	55,714	56,505	56,967	57,609	57,422	57,651	58,211	58,426	58,220	58,585	56,909	57,026	57,336
Manufacturing establishments	16,859	17,035	16,683	16,756	16,845	16,900	17,111	17,050	17,199	17,398	17,367	17,229	17,139	16,935	16,984	17,033
Durable goods industries	9,493	9,659	9,474	9,508	9,593	9,673	9,738	9,666	9,609	9,801	9,811	9,789	9,765	9,666	9,680	9,721
Nondurable goods industries	7,367	7,376	7,209	7,248	7,252	7,287	7,373	7,384	7,590	7,597	7,556	7,440	7,374	7,269	7,304	7,312
Mining, total‡	652	634	618	616	632	643	650	641	646	641	637	634	631	614	611	612
Metal mining	83	82	80	79	82	83	84	84	85	84	84	84	83	82	83	
Coal mining	152	139	147	142	143	142	139	126	135	134	136	136	137	135	134	
Crude petroleum and natural gas	299	293	288	288	290	295	300	302	298	295	290	292	295	290	287	
Contract construction	2,909	3,029	2,470	2,556	2,846	3,049	3,232	3,364	3,437	3,378	3,333	3,176	2,925	2,628	2,676	2,737
Transportation and public utilities‡	3,903	3,913	3,844	3,847	3,859	3,897	3,954	3,975	3,976	3,982	3,968	3,944	3,931	3,876	3,884	3,894
Railroad transportation	797	774	757	761	769	780	789	790	791	780	776	770	773	755	752	
Local and interurban passenger transit	271	273	277	276	273	274	269	258	258	276	278	279	282	284	283	
Motor freight trans. and storage	880	898	857	859	868	877	912	920	921	934	936	925	913	885	890	
Air transportation	209	210	207	208	208	209	211	212	212	212	212	213	214	215	214	
Telephone communication	688	688	681	683	684	686	692	701	699	693	691	685	685	685	688	
Electric, gas, and sanitary services	611	612	605	605	603	607	619	626	626	618	611	611	610	609	609	
Wholesale and retail trade	11,582	11,865	11,433	11,497	11,740	11,720	11,848	11,832	11,878	11,942	12,014	12,166	12,774	11,917	11,809	11,898
Wholesale trade	3,061	3,143	3,065	3,069	3,075	3,085	3,132	3,168	3,196	3,199	3,208	3,208	3,238	3,201	3,185	3,185
Retail trade	8,521	8,722	8,368	8,428	8,665	8,635	8,716	8,664	8,682	8,743	8,806	8,958	9,536	8,716	8,624	8,713
Finance, insurance, and real estate	2,798	2,866	2,813	2,825	2,842	2,858	2,885	2,916	2,919	2,887	2,884	2,878	2,880	2,875	2,884	2,894
Services and miscellaneous	7,949	8,297	7,997	8,076	8,199	8,294	8,423	8,474	8,457	8,436	8,472	8,406	8,379	8,313	8,364	8,427
Government	9,188	9,535	9,516	9,541	9,542	9,546	9,506	9,170	9,139	9,547	9,751	9,787	9,926	9,751	9,816	9,841
Total, seasonally adjusted†	155,841	157,174	156,458	156,706	156,873	157,060	157,194	157,344	157,453	157,646	157,580	157,448	157,850	157,850	158,160	158,236
Manufacturing establishments	16,859	17,035	16,872	16,948	17,037	17,095	17,075	17,103	17,033	17,074	17,119	17,061	17,127	17,119	17,175	17,224
Durable goods industries	9,493	9,659	9,446	9,586	9,600	9,683	9,683	9,701	9,652	9,705	9,718	9,688	9,737	9,726	9,754	9,801
Ordnance and accessories	271	277	279	278	274	276	278	277	275	275	277	276	276	276	271	269
Lumber and wood products	589	586	590	597	588	592	559	564	578	588	589	595	598	597	599	601
Furniture and fixtures	385	390	386	388	387	388	390	392	393	392	391	392	394	394	396	400
Stone, clay, and glass products	594	608	590	597	607	612	612	615	616	610	611	614	612	612	618	620
Primary metal industries	1,164	1,166	1,133	1,145	1,174	1,184	1,202	1,208	1,176	1,164	1,155	1,155	1,166	1,169	1,178	1,182
Fabricated metal products	1,128	1,153	1,131	1,136	1,148	1,151	1,156	1,159	1,162	1,165	1,164	1,162	1,169	1,164	1,176	1,180
Machinery	1,490	1,520	1,499	1,501	1,504	1,506	1,508	1,512	1,525	1,531	1,545	1,548	1,555	1,559	1,549	1,561
Electrical equipment and supplies	1,579	1,582	1,589	1,589	1,595	1,597	1,593	1,587	1,574	1,574	1,571	1,571	1,567	1,564	1,561	1,567
Transportation equipment	1,542	1,614	1,595	1,597	1,623	1,614	1,623	1,618	1,580	1,635	1,647	1,619	1,629	1,621	1,633	1,645
Instruments and related products	360	372	366	368	370	370	375	375	375	373	373	373	375	375	374	376
Miscellaneous manufacturing ind.	391	393	388	390	390	393	389	394	398	395	395	398	397	396	399	400
Nondurable goods industries	7,367	7,376	7,326	7,362	7,377	7,412	7,390	7,402	7,381	7,371	7,401	7,373	7,390	7,393	7,423	7,423
Food and kindred products	1,760	1,738	1,747	1,757	1,738	1,743	1,732	1,730	1,728	1,723	1,742	1,733	1,741	1,741	1,743	1,733
Tobacco manufactures	91	89	89	89	90	89	88	87	91	86	89	95	91	88	88	90
Textile mill products	903	890	890	892	891	889	889	891	887	886	890	889	888	888	897	897
Apparel and related products	1,267	1,298	1,273	1,286	1,296	1,317	1,306	1,317	1,302	1,306	1,312	1,291	1,295	1,299	1,307	1,337
Paper and allied products	614	621	617	619	618	620	620	623	623	622	620	622	624	624	627	628
Printing, publishing, and allied ind.	925	928	907	910	929	934	936	935	937	935	934	931	939	940	943	945
Chemicals and allied products	846	866	856	859	862	864	868	870	870	869	871	870	871	872	873	876
Petroleum refining and related ind.	195	188	188	188	188	188	187	188	189	190	189	189	188	186	185	184
Rubber and misc. plastic products	406	409	408	411	416	417	414	408	404	402	402	406	405	407	411	415
Leather and leather products	360	350	351	351	349	351	350	353	350	352	352	347	348	345	347	348
Mining	652	634	631	631	639	640	639	640	635	632	629	630	630	623	624	626
Contract construction	2,909	3,029	2,920	2,928	3,005	3,019	3,046	3,069	3,083	3,071	3,066	3,057	3,069	3,017	3,163	3,135
Transportation and public utilities	3,903	3,913	3,899	3,894	3,890	3,909	3,916	3,936	3,941	3,950	3,937	3,925	3,915	3,923	3,937	3,941
Wholesale and retail trade	11,582	11,865	11,729	11,795	11,784	11,825	11,864	11,884	11,907	11,922	11,935	11,941	11,963	12,072	12,114	12,070
Finance, insurance, and real estate	2,798	2,866	2,839	2,848	2,853	2,864	2,865	2,872	2,873	2,887	2,887	2,892	2,892	2,904	2,910	2,917
Services and miscellaneous	7,949	8,297	8,144	8,207	8,199	8,228	8,282	8,349	8,373	8,377	8,430	8,423	8,447	8,474	8,517	8,564
Government	9,188	9,535	9,424	9,455	9,466	9,480	9,504	9,489	9,499	9,552	9,643	9,653	9,705	9,718	9,720	9,749
Production workers on mfg. payrolls, unadjusted†																
Total, unadjusted†	12,494	12,585	12,276	12,344	12,426	12,526	12,622	12,650	12,705	12,923	12,895	12,756	12,665	12,472	12,523	12,567
Seasonally adjusted			12,455	12,521	12,604	12,647	12,628	12,650	12,611	12,649	12,590	12,653	12,639	12,705	12,741	
Durable goods industries, unadjusted	6,946	7,059	6,884	6,919	7,010	7,083	7,138	7,056	6,995	7,193	7,204	7,180	7,155	7,064	7,081	7,118
Seasonally adjusted			6,956	6,994	7,070	7,081	7,086	7,103	7,051	7,097	7,110	7,081	7,129	7,120	7,155	7,193
Ordnance and accessories	120	119	120	118	118	118	118	118	119	119	120	119	119	118	114	114
Lumber and wood products	526	524	496	500	511	533	523	528	547	551	543	534	522	502	503	502
Furniture and fixtures	320	324	317	318	318	317	322	321	331	333	334	332	329	324	326	328
Stone, clay, and glass products	479	490	447	458	482	497	508	512	516	510	504	501	486	467	471	478
Primary metal industries	936	942	914	929	953	970	984	970	946	942	929	928	941	945	959	965
Blast furnaces, steel and rolling mills	421	424	404	418	437	450	458	453	429	420	410	408	414	418	428	
Fabricated metal products	864	884	854	855	868	880	894	879	889	909	913	907	904	891	892	893
Machinery	1,036	1,053	1,040	1,051	1,056	1,052	1,055	1,041	1,044	1,055	1,056	1,059	1,077	1,083	1,084	1,103
Electrical equipment and supplies	1,060	1,057	1,058	1,050	1,048	1,049	1,057	1,040	1,048	1,067	1,074	1,065	1,062	1,051	1,042	1,035
Transportation equipment‡	1,061	1,113	1,105	1,104	1,118	1,121	1,121	1,099	984	1,125	1,149	1,157	1,163	1,152	1,150	1,155
Motor vehicles and equipment	534	572	567	564	575	580	581	565	450	584	599	608	612	605	601	606
Aircraft and parts	351	356	355	353	353	350	352	350	351	356	361	363	366	363	358	356
Instruments and related products	230	237	232	233	234	235	239	237	240	240	240	241	240	237	237	
Miscellaneous mfg. industries	315	316	295	300	30											

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963										1964			
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
EMPLOYMENT AND POPULATION—Continued																
EMPLOYMENT—Continued																
Miscellaneous employment data:																
Federal civilian employees (executive branch):																
United States.....thous.....	2,311	2,328	2,302	2,304	2,315	2,311	2,335	2,344	2,337	2,312	2,314	2,313	2,452	2,293	2,291	-----
Wash. D.C., metropolitan area.....do.....	230	239	234	235	235	235	243	246	244	239	240	240	243	239	240	-----
Railroad employees (class I railroads):																
Total.....do.....	720	698	682	685	694	705	715	714	714	703	699	694	693	680	645	678
Index, seasonally adjusted.....1957-59=100.....	79.5	77.1	74.9	75.6	76.5	76.9	77.3	77.5	78.2	78.2	78.5	79.4	79.5	73.9	74.4	74.9
INDEXES OF WEEKLY PAYROLLS†																
Construction (construction workers)†, 1957-59=100.....	116.4	127.0	92.4	100.2	115.5	128.3	138.9	146.8	152.2	149.5	149.7	131.5	119.2	102.4	109.1	-----
Manufacturing (production workers)†.....do.....	113.7	118.0	112.6	114.1	114.4	117.4	119.9	118.1	118.2	122.6	121.5	122.4	117.7	119.4	119.4	120.2
Mining (production workers)†.....do.....	90.5	90.6	86.2	85.0	89.2	92.1	95.9	90.2	93.1	94.0	92.8	90.5	91.4	87.8	87.2	-----
HOURS AND EARNINGS †																
Average weekly gross hours per production worker on payrolls of nonagric. estab., unadjusted:†																
All manufacturing estab., unadj.†.....hours.....	40.4	40.4	40.0	40.2	39.9	40.5	40.8	40.5	40.5	40.7	40.7	40.5	40.8	39.8	40.3	40.4
Seasonally adjusted.....do.....	-----	-----	40.3	40.5	40.1	40.5	40.5	40.4	40.3	40.7	40.6	40.5	40.5	40.1	40.6	40.7
Average overtime.....do.....	2.8	2.8	2.5	2.6	2.4	2.8	3.0	2.9	2.9	3.1	3.0	3.0	3.1	2.7	2.7	2.7
Durable goods industries.....do.....	40.9	41.1	40.7	40.8	40.6	41.2	41.6	41.1	41.0	41.3	41.4	41.2	41.6	40.6	41.0	41.1
Seasonally adjusted.....do.....	-----	-----	41.0	41.0	40.7	41.1	41.3	41.2	41.0	41.3	41.2	41.1	41.5	40.8	41.3	41.3
Average overtime.....do.....	2.8	2.9	2.6	2.7	2.5	2.9	3.2	2.9	3.0	3.2	3.2	3.2	3.3	2.9	2.8	2.8
Ordnance and accessories.....do.....	41.1	41.1	41.4	40.9	40.4	41.0	41.2	40.6	41.0	41.3	41.2	40.8	41.5	40.8	40.2	40.1
Lumber and wood products.....do.....	39.8	40.1	39.4	39.3	39.6	39.9	40.9	40.6	40.6	40.8	40.8	39.7	40.0	38.6	39.8	40.1
Furniture and fixtures.....do.....	40.7	40.9	40.2	40.2	39.8	40.2	40.9	40.8	41.6	41.6	41.6	41.3	41.9	39.4	40.6	40.6
Stone, clay, and glass products.....do.....	40.9	41.3	39.9	40.6	41.1	41.9	42.1	41.9	41.9	41.8	42.1	41.5	40.6	39.8	40.6	40.7
Primary metal industries.....do.....	40.2	41.0	40.6	40.7	41.5	41.6	42.2	41.1	40.6	40.7	40.4	40.6	41.3	41.1	41.1	41.2
Blast furnaces, steel and rolling mills.....do.....	39.0	40.0	39.5	39.8	41.8	41.3	41.9	40.5	39.4	39.3	38.7	39.0	39.5	40.0	40.0	-----
Fabricated metal products.....do.....	41.1	41.4	40.7	40.8	40.6	41.5	41.7	41.2	41.5	41.9	41.8	41.5	41.9	40.9	41.2	41.5
Machinery.....do.....	41.7	41.8	41.6	41.7	41.4	41.8	42.1	41.7	41.6	41.9	41.8	41.8	42.5	41.8	42.4	42.5
Electrical equipment and supplies.....do.....	40.6	40.4	40.2	40.1	39.7	40.3	40.6	40.2	40.3	40.7	40.6	40.4	40.8	40.0	40.1	40.4
Transportation equipment.....do.....	42.0	42.0	41.6	41.7	41.2	42.2	42.3	42.0	40.8	41.9	42.7	42.8	43.0	41.5	41.6	41.4
Motor vehicles and equipment.....do.....	42.7	42.8	41.9	42.2	41.4	43.2	43.2	42.8	40.3	42.1	43.9	44.3	44.7	42.2	42.3	42.0
Aircraft and parts.....do.....	41.8	41.5	41.7	41.3	41.0	41.2	41.4	41.4	41.5	41.7	41.6	41.4	41.5	41.1	40.9	40.8
Instruments and related products.....do.....	40.9	40.8	40.8	40.8	40.3	40.7	40.9	40.7	40.7	41.1	41.1	41.0	41.0	39.8	40.4	40.4
Miscellaneous mfg. industries.....do.....	39.7	39.6	39.5	39.6	39.0	39.5	39.7	39.2	39.8	39.9	40.1	39.8	39.8	38.4	39.5	39.7
Nondurable goods industries, unadj.....do.....	39.6	39.6	39.2	39.4	38.9	39.6	39.8	39.8	40.0	39.9	39.9	39.6	39.9	38.7	39.4	39.4
Seasonally adjusted.....do.....	-----	-----	39.7	39.8	39.3	39.7	39.6	39.5	39.6	39.7	39.8	39.5	39.6	39.1	39.9	39.8
Average overtime.....do.....	2.7	2.7	2.5	2.6	2.4	2.6	2.8	2.8	2.8	3.0	2.9	2.8	2.8	2.5	2.6	2.6
Food and kindred products.....do.....	40.9	40.9	40.1	40.4	40.0	40.8	41.2	41.4	41.4	41.6	41.2	41.0	41.1	40.3	40.2	40.2
Tobacco manufactures.....do.....	38.6	38.6	36.3	37.3	34.7	38.7	40.3	38.8	40.2	39.7	39.7	38.9	39.4	36.9	35.0	37.1
Textile mill products.....do.....	40.6	40.6	40.0	40.3	39.8	40.6	41.0	40.4	40.7	40.6	41.3	41.3	41.3	40.0	40.9	40.7
Apparel and related products.....do.....	36.2	36.1	36.2	36.6	35.6	36.4	36.3	36.3	36.8	36.3	36.3	35.8	35.9	33.9	36.3	36.4
Paper and allied products.....do.....	42.5	42.7	42.2	42.5	41.9	42.5	43.0	42.9	43.1	43.2	43.2	42.8	43.0	42.1	42.4	42.3
Printing, publishing, and allied ind.....do.....	38.3	38.3	38.1	38.4	38.1	38.4	38.3	38.2	38.5	38.6	38.4	38.2	38.9	37.9	38.1	38.4
Chemicals and allied products.....do.....	41.5	41.5	41.2	41.4	42.0	41.7	41.7	41.6	41.4	41.5	41.4	41.4	41.7	41.1	41.3	41.6
Petroleum refining and related ind.....do.....	41.6	41.7	40.5	40.7	42.2	41.9	42.3	42.4	41.6	42.2	41.7	41.5	41.4	41.3	41.5	41.1
Petroleum refining.....do.....	41.2	41.4	40.7	40.9	42.2	41.4	41.6	41.6	40.6	41.7	41.0	41.5	41.5	41.4	41.4	40.8
Rubber and misc. plastic products.....do.....	41.0	40.8	40.6	40.7	40.1	40.5	40.7	40.5	41.0	41.4	41.1	41.0	41.7	40.5	40.5	40.4
Leather and leather products.....do.....	37.6	37.5	37.4	36.9	35.5	36.6	37.9	38.0	38.3	37.5	37.8	37.2	38.9	37.4	38.1	37.4
Nonmanufacturing establishments:†																
Mining.....do.....	41.0	41.6	40.9	40.5	41.3	41.9	42.7	41.2	42.0	42.1	42.3	41.3	41.6	41.2	41.4	-----
Metal mining.....do.....	41.5	41.2	41.1	41.1	40.8	41.3	41.7	40.8	41.0	41.6	41.3	41.2	42.1	42.3	42.2	-----
Coal mining.....do.....	36.6	38.8	39.0	36.7	38.1	39.4	41.0	-----	38.0	39.2	39.0	37.8	39.7	39.3	38.3	-----
Crude petroleum and natural gas.....do.....	42.0	42.1	41.7	41.8	41.9	41.9	42.3	42.4	42.6	42.1	42.5	42.2	42.3	41.9	42.5	-----
Contract construction.....do.....	37.0	37.3	34.7	36.2	37.3	38.0	38.4	38.5	38.8	38.3	38.9	36.4	35.3	34.1	36.0	-----
General building contractors.....do.....	35.6	36.0	33.7	35.2	36.2	36.6	36.6	37.0	37.2	36.6	37.3	35.1	34.3	32.8	35.1	116.56
Heavy construction.....do.....	40.5	41.3	36.9	39.1	41.2	41.9	42.9	43.2	43.5	42.9	43.6	40.0	36.7	36.6	39.2	-----
Special trade contractors.....do.....	36.3	36.5	34.5	35.8	36.5	37.1	37.5	37.4	37.5	37.2	37.7	35.7	35.5	34.1	35.2	-----
Transportation and public utilities:																
Local and suburban transportation.....do.....	42.6	42.2	41.8	41.9	42.0	42.7	43.0	42.6	42.5	42.1	42.0	41.8	41.9	42.0	41.5	-----
Motor freight transportation and storage.....do.....	41.5	41.6	41.0	41.2	41.2	41.6	42.2	41.7	42.3	42.0	42.3	41.3	41.9	40.5	40.9	-----
Telephone communication.....do.....	39.9	40.0	39.8	39.6	39.5	39.7	40.0	40.3	40.1	40.5	40.4	40.8	39.6	39.3	39.4	-----
Electric, gas, and sanitary services.....do.....	41.0	41.2	41.1	40.9	41.0	41.0	41.3	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.1	-----
Wholesale and retail trade.....do.....	38.7	38.6	38.4	38.4	38.5	38.5	38.9	39.2	39.2	38.6	38.4	38.3	38.8	38.1	38.2	-----
Wholesale trade.....do.....	40.6	40.6	40.3	40.4	40.4	40.6	40.7	40.8	40.7	40.6	40.7	40.5	40.9	40.2	40.3	-----
Retail trade.....do.....	37.9	37.8	37.5	37.5	37.7	37.6	38.1	38.5	38.5	37.7	37.5	37.3	38.0	37.1	37.3	-----
Services and miscellaneous:																
Hotels, tourist courts, and motels.....do.....	39.1	39.0	38.4	38.4	38.4	38.6	38.5	40.3	40.6	39.2	39.1	38.8	38.6	38.8	39.2	-----
Laundries, cleaning and dyeing plants.....do.....	38.9	39.0	38.2	38.6	39.4	39.5	39.6	39.1	39.0	39.1	39.0	38.8	38.9	-----	-----	-----
Average weekly gross earnings per production worker on payrolls of nonagric. estab.:†																
All manufacturing establishments.....dollars.....	96.56	99.38	97.20	98.09	97.36	99.23	100.37	99.23	98.42	100.53	100.53	100.85	102.41	99.90	101.15	101.40
Durable goods industries.....do.....	104.70	108.09	106.23	106.49	106.37	108.36	109.82	108.09	107.01	109.45	109.71	110.00	111.90	109.21	109.88	110.56
Ordnance and accessories.....do.....	116.31	119.60	119.65	118.20	115.14	117.67	118.24	117.74	119.31	121.01	121.13	120.36	123.26	122.26	119.80	119.10
Lumber and wood products.....do.....	79.20	81.80	77.22	77.81	78.41	80.60	82.62	82.42	84.45	86.50	85.68	82.97	83.20	79.90	82.39	82.61
Furniture and fixtures.....do.....	79.37	81.39	79.19	79.19	78.01	79.60	81.39	81.19	83.20	84.03	84.03	83.43	85.06	79.59	82.01	82.42
Stone, clay, and glass products.....do.....	98.57	102.42	97.36	99.47	101.11	103.07	104.41	104.33	104.33	104.50	105.67	103.75	101.50	99.50	101.50	101.34
Primary metal industries.....do.....	119.80	124.64	122.21	122.91	127.82	127.30	129.55	125.77	123.02	123.73	122.41	123.42	126.38	125.77	126.18	126.48
Fabricated metal products.....do.....	104.81	108.05	105.01	105.67	104.75	108.32	108.84	107.53	108.32	110.20	109.93	109.56	111.04	108.79	109.18	110.39
Machinery.....do.....	113.01	116.20	11													

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

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.....	85.54	87.91	85.85	86.68	85.97	87.52	88.36	88.36	88.40	89.38	88.98	89.10	90.17	87.85	89.04	89.44
Food and kindred products.....do.....	91.62	94.48	92.63	93.32	92.40	94.66	95.17	95.63	93.98	95.68	94.35	95.94	96.59	95.91	95.68	96.08
Tobacco manufactures.....do.....	71.41	73.73	69.70	73.11	68.71	78.17	81.81	78.76	73.57	71.46	71.46	73.13	74.83	72.69	68.25	73.83
Textile mill products.....do.....	68.21	69.43	68.00	68.51	67.26	69.02	69.70	68.68	69.19	69.83	71.04	72.28	72.69	70.40	71.98	71.63
Apparel and related products.....do.....	61.18	62.09	61.54	62.59	60.16	61.82	61.35	61.71	63.30	64.25	64.25	63.01	63.54	60.00	64.61	64.79
Paper and allied products.....do.....	102.00	105.90	102.97	104.13	102.24	104.55	106.21	106.82	107.32	108.43	108.43	107.43	108.36	106.09	106.85	106.60
Printing, publishing, and allied ind.....do.....	107.62	110.30	108.30	110.21	108.97	110.21	110.69	110.02	111.27	112.71	111.74	110.78	113.98	110.67	111.63	113.28
Chemicals and allied products.....do.....	109.98	112.88	110.83	111.37	113.40	112.59	113.42	113.98	113.02	114.13	113.85	113.85	115.09	113.85	113.99	114.82
Petroleum refining and related ind.....do.....	126.88	131.77	126.36	128.61	133.77	131.57	133.25	133.98	130.21	134.20	131.77	132.39	132.89	132.16	132.39	129.47
Rubber and misc. plastic products.....do.....	100.04	100.78	99.88	100.12	98.25	99.23	100.53	100.04	100.86	102.67	101.93	102.91	105.08	101.25	100.85	100.19
Leather and leather products.....do.....	64.67	66.00	64.70	64.58	62.13	64.42	66.70	66.12	67.41	67.13	67.66	66.59	69.63	66.95	68.58	67.32
Nonmanufacturing establishments:†																
Mining ^q.....do.....	110.70	114.40	112.48	110.97	112.75	114.39	117.85	112.06	115.08	117.04	116.75	113.99	116.48	115.36	115.09	-----
Metal mining.....do.....	117.45	118.66	117.14	118.37	117.50	117.71	118.85	116.69	118.08	121.06	120.60	119.89	122.51	123.09	121.96	-----
Coal mining.....do.....	113.09	119.95	121.29	113.77	117.73	122.14	128.74	108.19	118.18	123.48	121.68	117.94	125.85	124.97	121.41	-----
Crude petroleum and natural gas.....do.....	109.20	111.99	110.51	110.77	111.45	110.62	113.36	112.36	113.32	113.67	113.05	113.10	113.79	112.71	113.90	-----
Contract construction.....do.....	122.47	127.57	118.33	122.72	124.58	128.06	129.79	130.90	132.70	132.90	134.98	125.58	124.96	122.08	127.44	-----
General building contractors.....do.....	112.50	117.72	108.85	113.34	115.84	117.85	118.58	120.62	122.02	121.88	124.58	116.53	117.94	111.52	118.29	-----
Heavy construction.....do.....	122.31	128.03	110.70	117.30	122.36	126.96	132.13	135.22	137.03	136.55	138.65	124.00	118.17	118.95	123.48	-----
Special trade contractors.....do.....	128.50	133.59	125.98	130.31	131.40	134.67	135.75	136.14	137.25	137.64	139.49	131.38	133.48	129.24	133.81	-----
Transportation and public utilities:																
Local and suburban transportation.....do.....	100.11	101.70	100.32	99.72	100.38	102.43	103.63	103.09	103.28	102.30	102.48	102.41	102.24	103.32	101.68	-----
Motor freight transportation and storage.....do.....	113.30	117.31	114.39	114.95	115.36	117.31	118.58	118.85	119.71	120.12	120.13	117.29	120.67	116.24	118.20	-----
Telephone communication.....do.....	98.95	102.40	101.09	100.58	99.94	101.24	102.00	102.36	102.26	105.30	105.04	106.08	103.36	102.18	102.05	-----
Electric, gas, and sanitary services.....do.....	116.85	121.13	119.60	119.02	119.31	119.72	121.42	121.13	121.42	123.37	122.96	123.79	124.92	124.09	122.89	-----
Wholesale and retail trade:																
Wholesale trade.....do.....	75.08	77.59	76.03	76.42	76.62	77.39	78.19	78.79	78.79	78.36	77.95	77.75	77.60	78.11	78.31	-----
Retail trade.....do.....	96.22	99.47	97.93	98.58	98.58	99.47	100.12	99.55	99.72	100.69	100.94	100.85	101.43	100.10	100.35	-----
Finance, insurance, and real estate:																
Banking.....do.....	71.80	74.97	74.40	74.23	74.23	74.40	74.40	74.77	74.40	75.14	74.97	75.35	76.13	76.70	77.08	-----
Insurance carriers.....do.....	93.46	96.28	95.69	95.71	95.44	95.57	96.13	96.65	96.66	96.72	96.79	96.86	97.67	-----	-----	-----
Services and miscellaneous:																
Hotels, tourist courts, and motels.....do.....	46.14	47.58	47.23	46.85	46.08	47.86	47.36	47.96	48.31	48.22	48.09	47.72	47.86	47.72	47.82	-----
Laundries, cleaning and dyeing plants.....do.....	50.57	51.87	50.04	50.95	52.40	52.54	52.67	52.00	51.48	52.00	51.87	51.99	52.13	-----	-----	-----
Average hourly gross earnings per production worker on payrolls of nonagric. estab.†																
All manufacturing establishments†—dollars.....																
Including overtime ^q.....do.....	2.39	2.46	2.43	2.44	2.44	2.45	2.46	2.45	2.43	2.47	2.47	2.49	2.51	2.51	2.51	2.51
Excluding overtime ^q.....do.....	2.31	2.37	2.35	2.36	2.37	2.37	2.37	2.37	2.35	2.38	2.38	2.40	2.42	2.43	2.42	2.43
Durable goods industries.....do.....	2.56	2.63	2.61	2.61	2.62	2.63	2.64	2.63	2.61	2.65	2.65	2.67	2.69	2.69	2.68	2.69
Excluding overtime ^q.....do.....	2.48	2.54	2.52	2.53	2.54	2.54	2.54	2.54	2.52	2.55	2.55	2.57	2.58	2.60	2.60	2.60
Nondurable goods industries.....do.....	2.83	2.91	2.89	2.89	2.85	2.87	2.87	2.90	2.91	2.93	2.94	2.95	2.97	2.97	2.98	2.97
Food and kindred products.....do.....	1.99	2.04	1.96	1.98	1.98	2.02	2.02	2.03	2.08	2.12	2.10	2.09	2.08	2.07	2.07	2.06
Furniture and fixtures.....do.....	1.95	1.90	1.97	1.97	1.96	1.98	1.99	1.99	2.00	2.02	2.02	2.02	2.03	2.02	2.02	2.03
Stone, clay, and glass products.....do.....	2.41	2.48	2.44	2.45	2.46	2.46	2.48	2.49	2.49	2.50	2.51	2.50	2.50	2.50	2.50	2.49
Primary metal industries.....do.....	2.98	3.04	3.01	3.02	3.08	3.06	3.07	3.06	3.03	3.04	3.03	3.04	3.04	3.06	3.07	3.07
Blast furnaces, steel and rolling mills.....do.....	3.29	3.36	3.32	3.34	3.44	3.38	3.39	3.37	3.33	3.35	3.33	3.33	3.36	3.35	3.37	3.37
Fabricated metal products.....do.....	2.55	2.61	2.58	2.59	2.58	2.61	2.61	2.61	2.61	2.63	2.63	2.64	2.65	2.65	2.65	2.66
Machinery.....do.....	2.71	2.78	2.76	2.77	2.75	2.77	2.78	2.77	2.77	2.80	2.80	2.82	2.84	2.84	2.85	2.85
Electrical equipment and supplies.....do.....	2.40	2.46	2.44	2.44	2.44	2.45	2.46	2.46	2.45	2.47	2.47	2.49	2.51	2.51	2.51	2.51
Transportation equipment ^q.....do.....	2.91	3.01	2.96	2.97	2.95	2.98	3.00	2.99	2.98	3.05	3.08	3.10	3.10	3.07	3.07	3.06
Motor vehicles and equipment.....do.....	2.99	3.10	3.04	3.04	3.03	3.06	3.07	3.05	3.04	3.14	3.18	3.21	3.21	3.17	3.16	3.15
Aircraft and parts.....do.....	2.87	2.95	2.92	2.91	2.90	2.92	2.94	2.95	2.96	2.99	2.99	3.00	3.01	3.01	3.01	3.01
Instruments and related products.....do.....	2.44	2.49	2.48	2.48	2.46	2.48	2.49	2.48	2.49	2.50	2.50	2.51	2.51	2.51	2.51	2.52
Miscellaneous mfg. industries.....do.....	1.97	2.03	2.03	2.03	2.03	2.01	2.02	2.02	2.00	2.02	2.03	2.05	2.07	2.08	2.08	2.08
Nondurable goods industries.....do.....	2.16	2.22	2.19	2.20	2.21	2.21	2.22	2.22	2.21	2.24	2.23	2.25	2.26	2.27	2.26	2.27
Excluding overtime ^q.....do.....	2.09	2.15	2.13	2.13	2.14	2.14	2.14	2.15	2.13	2.16	2.16	2.17	2.19	2.20	2.19	2.20
Food and kindred products.....do.....	2.24	2.31	2.31	2.31	2.31	2.32	2.31	2.31	2.27	2.30	2.29	2.34	2.35	2.38	2.38	2.39
Tobacco manufactures.....do.....	1.85	1.91	1.92	1.96	1.98	2.02	2.03	2.03	1.83	1.80	1.80	1.88	1.90	1.97	1.95	1.99
Textile mill products.....do.....	1.68	1.71	1.70	1.70	1.69	1.70	1.70	1.70	1.70	1.72	1.72	1.75	1.76	1.76	1.76	1.76
Apparel and related products.....do.....	1.69	1.72	1.70	1.71	1.69	1.69	1.69	1.70	1.72	1.77	1.77	1.76	1.77	1.77	1.78	1.78
Paper and allied products.....do.....	2.40	2.48	2.44	2.45	2.44	2.46	2.47	2.49	2.49	2.51	2.51	2.51	2.52	2.52	2.52	2.52
Printing, publishing, and allied ind.....do.....	2.81	2.88	2.84	2.87	2.86	2.87	2.89	2.88	2.89	2.92	2.91	2.90	2.93	2.92	2.93	2.95
Chemicals and allied products.....do.....	2.65	2.72	2.69	2.69	2.70	2.70	2.72	2.74	2.73	2.75	2.75	2.75	2.76	2.77	2.76	2.76
Petroleum refining and related ind.....do.....	3.05	3.16	3.12	3.16	3.17	3.14	3.15	3.16	3.13	3.18	3.16	3.19	3.21	3.20	3.19	3.15
Petroleum refining.....do.....	3.19	3.32	3.26	3.30	3.34	3.31	3.33	3.34	3.31	3.35	3.33	3.36	3.37	3.35	3.35	3.30
Rubber and misc. plastic products.....do.....	2.44	2.47	2.46	2.46	2.45	2.45	2.47	2.47	2.46	2.48	2.48	2.51	2.52	2.50	2.49	2.48
Leather and leather products.....do.....	1.72	1.76	1.73	1.75	1.75	1.76	1.76	1.74	1.76	1.79	1.79	1.79	1.79	1.79	1.80	1.80
Nonmanufacturing establishments:†																
Mining ^q.....do.....	2.70	2.75	2.75	2.74												

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

EMPLOYMENT AND POPULATION—Continued

HOURS AND EARNINGS—Continued																
Miscellaneous wages:																
Construction wages, 20 cities (ENR): §																
Common labor..... \$ per hr.	2.946	3.078	3.011	3.014	3.016	3.060	3.072	3.102	3.130	3.130	3.130	3.130	3.135	3.140	3.157	3.157
Skilled labor..... do	4.348	4.525	4.452	4.454	4.454	4.480	4.487	4.540	4.585	4.591	4.602	4.602	4.611	4.636	4.640	4.644
Farm, without board or rm., 1st of mo. do	1.101	1.105			1.11			1.09			.99		1.14		1.14	1.14
Railroad wages (average, class I) do	2.740		2.815	2.773	2.756	2.749	2.785	2.750	2.755	2.782	2.748					
Road-building, com. labor (qtrly.) do	1.231	1.238			2.18			2.44			2.45			2.27		
LABOR CONDITIONS																
Help-wanted advertising, seas. adj. † 1957-59=100..	110	109	109	108	109	105	104	109	105	107	111	112	118	116	117	119
Labor turnover in manufacturing estab.: †																
Accession rate, total, mo. rate per 100 employees..	4.1	3.9	3.3	3.5	3.9	4.0	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.6	3.2	
Seasonally adjusted do	2.5	2.4	3.9	3.8	4.1	3.8	3.9	4.0	3.7	3.9	3.9	3.6	3.9	3.7	3.8	
New hires do	4.1	3.9	3.2	3.5	3.6	2.5	3.3	2.7	3.2	3.1	2.6	1.8	1.4	2.0	1.9	
Separation rate, total do	4.1	3.9	3.7	3.8	4.0	3.6	3.4	4.1	4.7	4.9	4.1	3.8	3.7	4.0	3.2	
Seasonally adjusted do	1.4	1.4	3.7	3.8	4.0	4.0	3.8	4.0	4.2	3.9	3.7	3.7	3.7	4.0	3.7	
Quit do	2.0	1.8	1.6	1.7	1.6	1.5	1.4	1.4	2.1	2.4	1.5	2.1	1.8	1.2	1.1	
Layoff do	2.0	1.8	1.8	1.8	1.8	1.8	1.7	1.9	2.0	1.8	1.9	2.1	2.3	2.0	1.5	
Seasonally adjusted do			1.8	1.8	1.8	1.8	1.7	1.9	2.0	1.8	1.7	1.8	1.8	1.8	1.7	
Industrial disputes (strikes and lockouts):																
Beginning in month:																
Work stoppages..... number	301	280	200	225	350	425	450	400	325	300	290	180	80	210	225	
Workers involved..... thous.	102	90	60	45	100	125	135	115	75	100	95	70	30	60	80	
In effect during month:																
Work stoppages..... number			320	350	475	600	675	660	575	550	500	425	300	370	375	
Workers involved..... thous.			120	90	130	165	190	220	185	155	160	145	80	100	125	
Man-days idle during month do	1,550	1,500	1,100	1,110	1,050	1,750	1,740	2,060	1,620	1,100	1,500	1,400	1,000	1,010	1,130	
EMPLOYMENT SERVICE AND UNEMPLOYMENT INSURANCE																
Nonfarm placements..... thous.	560	548	423	496	581	612	577	572	611	664	662	493	432	443	414	
Unemployment insurance programs:																
Insured unemployment, all programs do	1,924	1,939	2,725	2,461	2,055	1,738	1,568	1,606	1,531	1,372	1,445	1,667	2,113	2,559	2,408	
State programs:																
Initial claims do	1,309	1,285	1,308	1,127	1,216	1,079	973	1,351	1,086	957	1,157	1,200	1,865	1,848	1,181	
Insured unemployment, weekly avg. do	1,783	1,806	2,546	2,298	1,918	1,624	1,468	1,493	1,419	1,261	1,333	1,542	1,972	2,395	2,243	
Percent of covered employment: ‡																
Unadjusted do	4.4	4.3	6.2	5.6	4.7	3.9	3.5	3.6	3.4	3.0	3.1	3.6	4.7	5.7	5.3	
Seasonally adjusted do			4.6	4.4	4.2	4.2	4.1	4.1	4.0	4.0	4.2	4.2	4.3	4.3	4.0	
Beneficiaries, weekly average..... thous.	1,525	1,541	2,256	2,165	1,800	1,464	1,327	1,238	1,220	1,107	1,070	1,127	1,524	1,997	2,015	
Benefits paid..... mil. \$	223.0	231.2	313.3	316.4	274.8	235.9	188.2	195.6	186.8	163.1	172.0	165.0	233.0	319.3	283.8	
Federal employees, insured unemployment																
thous.	29	31	38	35	31	28	26	30	29	28	29	32	34	39	40	
Initial claims do	28	29	27	25	23	20	22	31	29	28	31	29	39	39	29	
Insured unemployment, weekly avg. do	50	55	77	71	58	47	42	44	45	42	43	48	60	73	72	
Beneficiaries, weekly average do	47	52	77	72	61	44	45	38	42	40	38	39	52	67	71	
Benefits paid..... mil. \$	6.6	7.6	10.0	9.9	8.8	6.8	6.3	5.9	6.2	5.7	5.9	5.4	7.6	10.2	9.6	
Railroad program:																
Applications..... thous.	17	13	7	5	4	4	11	46	15	15	12	11	12	13		
Insured unemployment, weekly avg. do	62	47	64	57	49	39	32	39	37	41	41	45	47	53	52	
Benefits paid..... mil. \$	11.1	8.3	10.9	11.0	9.0	7.3	5.6	5.9	6.9	6.4	7.5	6.7	8.6	9.9		

FINANCE

BANKING																
Open market paper outstanding, end of mo.:																
Bankers' acceptances..... mil. \$	2,650	2,590	2,565	2,589	2,658	2,696	2,697	2,712	2,644	2,709	2,733	2,744	2,890	2,938	3,056	
Commercial and finance co. paper, total do	6,000	6,747	6,996	7,076	7,382	7,542	7,239	7,522	7,808	7,161	7,869	8,170	6,747	7,765	8,119	
Placed through dealers do	2,088	1,928	2,193	2,260	2,204	2,084	2,049	2,059	2,062	2,098	2,230	2,172	1,928	2,042	2,079	
Placed directly (finance paper) do	3,912	4,819	4,803	4,816	5,178	5,458	5,190	5,463	5,746	5,063	5,639	5,998	4,819	5,723	6,040	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of mo..... mil. \$	5,753	6,403	5,926	6,024	6,143	6,229	6,326	6,408	6,428	6,430	6,418	6,366	6,403	6,400	6,542	6,627
Farm mortgage loans:																
Federal land banks do	3,052	3,310	3,089	3,118	3,147	3,176	3,198	3,218	3,240	3,259	3,280	3,291	3,310	3,333	3,364	3,406
Loans to cooperatives do	735	840	775	761	745	702	701	711	706	735	848	858	840	866	849	815
Other loans and discounts do	1,966	2,253	2,002	2,146	2,251	2,351	2,427	2,479	2,482	2,436	2,290	2,217	2,253	2,261	2,330	2,405
Bank debts:																
Unadjusted:																
Total (344 centers)..... bil. \$	286.4	312.9	274.5	306.8	307.8	318.0	299.6	320.7	300.1	310.4	337.2	296.6	357.1	360.8	294.9	342.9
New York City do	118.0	129.7	116.6	133.0	126.9	133.1	125.0	129.9	119.5	130.3	136.9	116.7	151.0	153.9	121.1	145.8
6 other leading centers † do	88.5	64.6	55.2	62.5	64.1	64.4	61.7	66.8	61.9	63.1	71.3	63.8	74.6	73.5	60.5	71.1
Seasonally adjusted:																
Total (344 centers) do			301.5	303.6	308.2	309.0	297.0	320.1	310.2	329.7	326.7	312.7	333.0	340.0	316.1	331.6
New York City do			127.7	128.9	125.0	129.8	121.5	130.3	127.8	140.1	133.7	125.4	139.6	143.7	129.4	138.1
6 other leading centers † do			61.2	61.6	63.8	62.1	61.6	66.9	63.3	67.0	69.4	67.3	69.7	69.6	65.5	68.4
337 other centers do			112.6	113.0	119.4	117.1	113.9	122.8	119.2	122.6	123.6	120.0	123.7	126.6	121.1	125.1
Federal Reserve banks, condition, end of mo.:																
Assets, total †..... mil. \$	56,020	58,028	54,614	53,935	54,612	54,207	55,314	55,594	55,042	55,615	56,336	57,848	58,028	56,389	56,928	56,629
Reserve bank credit outstanding, total † do	33,902	36,418	32,608	32,585	32,825	32,808	33,804	33,946	34,134	34,302	34,587	35,919	36,418	34,643	35,274	35,314
Discounts and advances do	338	63	209	201	153	208	96	338	389	138	332	868	63	304	570	130
U.S. Government securities do	330,820	333,593	30,586	30,963	31,182	31,254	32,027	32,408	32,391	32,563	32,758	33,667	33,593	32,752	33,169	33,770
Gold certificate reserves do	15,696	15,237	15,595	15,606	15,595	15,524	15,437	15,346	15,291	15,309	15,310	15,294	15,237	15,231	15,185	15,190
Liabilities, total † do	56,020	58,028	54,614	53,935	54,612	54,207	55,314	55,594	55,042	55,615	56,336	57,848	58,028	56,389	56,928	56,629
Deposits, total † do	18,722	18,391	18,205	18,046	18,222	17,573	18,188	18,044	17,860	18,093	18,187	18,200	18,391	18,120	18,532	18,258
Member-bank reserve balances do	17,454	17,049	16,850	16,748	16,904	16,574	16,965	16,971	16,782	16,792	16,922	16,952	17,049	16,983	17,146	17,060
Federal Reserve notes in circulation do	30,643	32,877	29,868	29,934	30,010	30,303	30,670	30,959	31,178	31,265	31,472	32,290	32,877	31,988	31,899	32,088
Ratio of gold certificate reserves to deposit and FR note liabilities combined..... percent	31.8	29.7	32.4	32.5	32.3	32.4	31.6	31.3	31.2	31.0	30.8	30.3	29.7	30.4	30.1	30.2

† Revised. ‡ Preliminary. § As of Apr. 1, 1964. ¶ Quarterly average.
 * Excludes persons under extended duration provisions (thous.): 1963—Feb., 2; Mar., 4; Apr., 4; May, 60; June, 60; July, 45; Aug., 38; Sept., 36; Oct., 31; Nov., 20; Dec. 9; 1964—Jan., 3; Feb., 2.
 † 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.
 † See corresponding note, bottom p. 8-13. § Wages as of Apr. 1, 1964: Common labor, \$3.175; skilled labor, \$4.658.
 ‡ 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FINANCE—Continued

BANKING—Continued																
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$	120,040	120,746	119,582	119,515	119,572	119,679	119,729	120,020	119,719	119,945	120,003	120,114	120,746	120,675	120,148	120,204
Required.....do	119,468	120,210	119,109	119,091	119,138	119,223	119,355	119,537	119,256	119,533	119,596	119,705	120,210	120,248	119,753	119,853
Excess.....do	572	536	473	424	434	456	374	483	463	412	407	409	536	427	395	351
Borrowings from Federal Reserve banks.....do	1,304	1,327	1,172	1,155	1,212	209	236	322	330	321	313	376	327	256	304	259
Free reserves.....do	1,268	1,209	1,301	1,269	313	247	138	161	133	91	94	33	209	171	91	92
Weekly reporting member banks of Fed. Res. System, condition, Wed. nearest end of yr. or mo.:																
Deposits:																
Demand, adjusted ¹.....mil. \$	65,843	67,844	62,654	61,811	63,699	61,143	60,954	63,281	61,528	61,885	63,809	63,950	67,841	64,940	62,565	62,532
Demand, total ².....do	102,109	104,335	91,562	90,700	95,172	90,176	95,198	92,818	88,012	95,237	90,875	93,771	104,335	90,224	90,575	95,811
Individuals, partnerships, and corp. do	71,531	74,513	65,834	65,005	67,004	64,230	65,724	66,795	64,024	66,320	67,322	69,001	74,513	67,605	65,490	66,659
States and political subdivisions.....do	5,125	5,338	5,329	4,772	5,993	5,399	4,992	4,968	4,715	4,902	4,762	5,060	5,338	4,926	5,188	5,349
U.S. Government.....do	4,749	4,556	4,254	3,684	4,957	4,537	6,879	4,920	3,759	6,229	2,394	2,714	4,556	1,545	3,755	5,130
Domestic commercial banks.....do	14,321	13,320	11,078	12,072	11,414	10,753	11,995	10,874	10,710	12,270	11,452	11,569	13,320	10,739	10,810	12,192
Time, total ³.....do	50,386	59,227	52,150	53,418	53,751	54,538	54,910	55,581	56,326	56,711	57,553	57,951	59,227	60,276	60,930	61,446
Individuals, partnerships, and corp. do	34,920	38,083	35,426	35,956	35,822	36,048	36,518	36,741	36,896	37,342	37,534	37,699	38,083	38,131	38,291	38,704
Savings.....do	9,221	13,310	9,928	10,447	10,679	11,175	11,234	11,691	12,181	12,013	12,639	12,796	13,310	14,057	14,390	14,418
Other time.....do	82,947	92,901	80,672	81,130	82,961	82,250	84,311	84,384	84,502	87,366	86,598	88,578	92,901	89,122	89,875	92,002
Loans (adjusted), total ⁴.....do	35,351	38,793	34,564	35,236	35,297	35,028	35,391	35,014	35,204	36,145	36,296	37,254	38,793	37,195	37,590	38,308
Commercial and industrial.....do	5,928	6,621	5,332	4,677	5,644	4,931	5,359	5,328	5,044	6,229	5,407	5,852	6,621	5,929	5,695	6,033
For purchasing or carrying securities.....do	7,365	8,595	6,511	6,657	6,745	6,623	7,306	7,624	7,447	7,731	7,213	7,226	8,595	7,329	7,511	8,179
To nonbank financial institutions.....do	15,519	17,880	15,768	15,944	16,237	16,537	16,829	17,030	17,269	17,455	17,651	17,846	17,880	17,991	18,161	18,366
Real estate loans.....do	22,812	23,809	22,614	22,467	23,100	22,817	22,743	23,283	23,496	23,647	24,097	24,874	23,809	24,606	24,664	25,939
Other loans.....do	48,147	48,404	47,672	47,685	47,929	47,563	47,991	47,601	46,624	47,618	47,156	46,720	48,404	46,736	46,972	46,371
Investments, total.....do	32,369	29,018	31,446	30,857	30,689	29,066	29,789	29,099	27,683	28,367	27,900	27,926	29,018	27,759	27,591	26,870
U.S. Government obligations, total.....do	24,514	23,127	24,092	24,383	24,311	24,047	24,253	23,894	23,724	23,400	23,150	23,328	23,127	22,362	23,260	22,680
Notes and bonds.....do	15,778	19,386	16,226	16,828	17,240	17,597	18,202	18,502	18,941	19,251	19,166	18,794	19,386	18,987	19,381	19,501
Other securities.....do	228.1	246.3	232.3	235.0	232.5	234.8	240.3	237.8	238.5	240.7	241.0	244.0	246.3	245.8	249.0	253.0
Total loans and investments ⁵.....bil. \$	134.7	150.6	136.8	137.8	137.4	138.9	141.8	142.4	142.5	145.0	146.3	148.8	150.6	151.3	152.7	154.7
Loans ⁶.....do	64.3	60.8	65.4	66.7	63.9	64.2	66.0	62.4	62.1	61.7	60.2	60.8	60.8	59.8	61.0	62.9
U.S. Government securities.....do	29.1	34.9	30.1	30.5	31.2	31.7	32.5	33.0	33.0	34.0	34.5	34.4	34.9	34.7	35.3	35.4
Other securities.....do	40.5	44.9	41.6	40.6	42.3	41.0	43.3	41.0	41.4	49.3	45.6	43.6	45.1	46.2	46.4	46.4
Money and interest rates: \$																
Bank rates on short-term business loans:																
In 19 cities.....percent	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.99
New York City.....do	2.4	2.4	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.77
7 other northern and eastern cities.....do	2.5	2.5	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.02
11 southern and western cities.....do	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.29
Discount rate, end of year or month (N.Y.F.R. Bank).....percent	3.00	3.50	3.00	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Federal intermediate credit bank loans.....do	3.4	3.4	4.1	4.0	4.0	4.0	4.0	4.1	4.2	4.4	4.4	4.5	4.5	4.5	4.5	4.63
Federal land bank loans.....do	3.5	3.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.50
Home mortgage rates (conventional 1st mortgages):*																
New home purchase (U.S. avg.).....percent	5.84	5.88	5.86	5.84	5.82	5.82	5.82	5.82	5.82	5.81	5.82	5.82	5.80	5.83	5.81	5.81
Existing home purchase (U.S. avg.).....do	5.98	6.05	6.04	5.99	5.95	5.94	5.93	5.93	5.94	5.93	5.97	5.98	5.98	5.98	5.95	5.95
Open market rates, New York City:																
Bankers' acceptances (prime, 90 days).....do	3.01	3.36	3.13	3.13	3.13	3.13	3.24	3.41	3.59	3.63	3.63	3.71	3.63	3.70	3.75	3.75
Commercial paper (prime, 4-6 months).....do	3.26	3.55	3.25	3.34	3.32	3.25	3.38	3.49	3.72	3.88	3.88	3.88	3.96	3.97	3.88	4.00
Finance Co. paper placed directly, 3-6 mo. do	3.07	3.40	3.13	3.15	3.17	3.15	3.21	3.35	3.57	3.63	3.72	3.75	3.84	3.82	3.76	3.88
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	2.778	3.157	2.916	2.897	2.909	2.920	2.995	3.143	3.320	3.379	3.453	3.522	3.523	3.529	3.532	3.553
3-5 year issues.....do	3.37	3.72	3.48	3.50	3.56	3.57	3.67	3.78	3.81	3.88	3.91	3.97	4.04	4.06	4.02	4.15
Savings deposits, balance to credit of depositors:																
N.Y. State savings banks, end of yr. or mo. mil. \$	23,917	25,693	24,103	24,436	24,360	24,489	24,763	24,777	24,862	25,154	25,236	25,368	25,693	25,940	26,089	26,436
U.S. postal savings.....do	539	452	522	515	499	493	484	478	472	466	461	456	452	447	436	436
CONSUMER CREDIT ¹ (Short- and Intermediate-term)																
Total outstanding, end of year or month.....mil. \$	63,164	69,890	61,989	62,149	63,167	64,135	64,987	65,491	66,308	66,538	67,088	67,746	69,890	69,203	68,786	68,786
Installment credit, total.....do	48,034	53,745	47,852	48,075	48,806	49,484	50,307	50,894	51,526	51,718	52,257	52,695	53,745	53,597	53,552	53,552
Automobile paper.....do	19,540	22,199	19,678	19,930	20,376	20,794	21,236	21,593	21,819	21,725	21,971	22,107	22,199	22,189	22,271	22,271
Other consumer goods paper.....do	12,605	13,766	12,250	12,149	12,197	12,272	12,422	12,459	12,637	12,702	12,845	13,046	13,766	13,638	13,407	13,407
Repair and modernization loans.....do	3,246	3,389	3,185	3,177	3,200	3,245	3,281	3,316	3,357	3,377	3,400	3,407	3,389	3,354	3,355	3,355
Personal loans.....do	12,643	14,391	12,739	12,819	13,033	13,173	13,368	13,526	13,743	13,914	14,041	14,135	14,391	14,416	14,479	14,479
By type of holder:																
Financial institutions, total.....do	41,782	46,992	42,371	42,531	43,149	43,723	44,373	44,878	45,375	45,687	46,161	46,462	46,992	47,300	47,454	47,454
Commercial banks.....do	19,005	21,610	19,256	19,450	19,882	20,229	20,602	20,874	21,101	21,145	21,391	21,486	21,610	21,630	21,790	21,790
Sales finance companies.....do	12,194	13,523	12,556	12,400	12,506	12,583	12,693	12,807	12,906	13,073	13,187	13,302	13,523	13,840	13,788	13,788
Credit unions.....do	4,902	5,622	4,876	4,928	5,034	5,139	5,251	5,330	5,412	5,458	5,529	5,569	5,622	5,584	5,607	5,607
Consumer finance companies.....do	4,131	4,590	4,138	4,139	4,174	4,191	4,241	4,276	4,329	4,381	4,425	4,461	4,590	4,592	4,595	4,595
Other.....do	1,550	1,647	1,545	1,554	1,553	1,581	1,586	1,591	1,627	1,630	1,629	1,644	1,647	1,654	1,665	1,665
Retail outlets, total.....do	6,252	6,753	5,481	5,544	5,657	5,761	5,934	6,016	6,151	6,031	6,096					

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962		1963										1964			
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FINANCE—Continued																
CONSUMER CREDIT—Continued																
Total outstanding, end of year or month—Con.																
Noninstallment credit—Continued																
Charge accounts, total.....mil. \$	5,684	5,871	4,511	4,374	4,581	4,793	4,783	4,760	4,839	4,833	4,898	4,999	5,871	5,339	4,805	
Department stores.....do	927	895	646	587	603	610	599	555	579	620	639	667	895	782	655	
Other retail outlets.....do	4,252	4,456	3,376	3,308	3,505	3,699	3,689	3,682	3,713	3,667	3,743	3,817	4,456	4,014	3,590	
Credit cards.....do	505	520	489	479	473	484	495	523	547	546	516	515	520	543	560	
Service credit.....do	3,990	4,315	4,147	4,161	4,218	4,184	4,188	4,154	4,154	4,143	4,103	4,158	4,315	4,367	4,471	
Installment credit extended and repaid:																
Unadjusted:																
Extended, total.....do	4,594	5,068	4,083	4,702	5,332	5,294	5,222	5,365	5,242	4,755	5,487	4,981	5,974	4,784	4,552	
Automobile paper.....do	1,650	1,834	1,537	1,787	2,072	2,067	1,967	2,055	1,839	1,524	2,040	1,734	1,767	1,689	1,686	
Other consumer goods paper.....do	1,307	1,417	1,039	1,238	1,355	1,386	1,410	1,393	1,456	1,384	1,547	1,517	2,094	1,380	1,212	
All other.....do	1,637	1,817	1,507	1,677	1,905	1,841	1,845	1,917	1,947	1,847	1,900	1,730	2,113	1,715	1,654	
Repaid, total.....do	4,218	4,593	4,151	4,479	4,601	4,616	4,399	4,778	4,610	4,563	4,948	4,543	4,924	4,932	4,597	
Automobile paper.....do	1,456	1,613	1,441	1,535	1,626	1,649	1,525	1,698	1,613	1,618	1,794	1,598	1,675	1,699	1,604	
Other consumer goods paper.....do	1,245	1,320	1,242	1,339	1,307	1,311	1,290	1,356	1,308	1,289	1,404	1,316	1,374	1,598	1,383	
All other.....do	1,517	1,659	1,468	1,605	1,668	1,656	1,614	1,724	1,689	1,656	1,750	1,629	1,875	1,725	1,610	
Seasonally adjusted:																
Extended, total.....do			4,957	4,973	5,008	4,985	5,054	5,100	5,100	5,093	5,311	4,979	5,272	5,276	5,421	
Automobile paper.....do			1,800	1,811	1,870	1,847	1,820	1,854	1,802	1,730	1,910	1,792	1,914	1,888	1,953	
Other consumer goods paper.....do			1,395	1,406	1,359	1,357	1,408	1,409	1,441	1,425	1,457	1,432	1,523	1,493	1,578	
All other.....do			1,763	1,756	1,779	1,781	1,826	1,837	1,857	1,938	1,944	1,755	1,835	1,895	1,890	
Repaid, total.....do			4,462	4,496	4,487	4,544	4,568	4,591	4,619	4,752	4,780	4,596	4,812	4,848	4,842	
Automobile paper.....do			1,566	1,546	1,585	1,611	1,588	1,603	1,607	1,659	1,676	1,638	1,707	1,684	1,716	
Other consumer goods paper.....do			1,289	1,324	1,276	1,294	1,317	1,330	1,326	1,347	1,362	1,324	1,384	1,441	1,395	
All other.....do			1,607	1,626	1,626	1,639	1,663	1,658	1,686	1,746	1,742	1,634	1,721	1,723	1,731	
FEDERAL GOVERNMENT FINANCE																
Net cash transactions with the public:♂																
Receipts from.....mil. \$	8,850	9,381	10,350	11,545	7,248	11,323	13,980	4,693	10,960	11,652	4,423	9,617	10,503	6,628	11,525	
Payments to.....do	9,323	9,763	8,779	8,922	9,669	9,989	9,472	10,045	11,287	9,549	10,740	9,812	10,069	9,848	9,393	
Excess of receipts, or payments (—).....do	-472	-382	1,570	2,622	-2,421	1,334	4,508	-5,353	-328	2,102	-6,318	-194	433	-3,219	2,132	
Seasonally adjusted quarterly totals:																
Receipts.....do				27,400			27,800			28,700			28,900			
Payments.....do				28,300			28,200			30,400			30,200			
Excess of receipts, or payments (—).....do				-900			-400			-1,700			-1,300			
Budget receipts and expenditures:																
Receipts, total.....do	8,983	9,523	10,997	13,093	8,544	11,132	13,966	4,871	9,977	11,722	4,371	8,911	10,379	6,580	12,235	
Receipts, net.....do	7,059	7,293	7,305	9,663	5,735	6,953	12,061	3,547	7,290	10,095	3,400	7,131	8,303	5,853	8,047	
Customs.....do	103	105	103	107	110	106	95	117	108	104	123	106	103	101	87	
Individual income taxes.....do	4,340	4,525	6,296	3,927	5,344	6,293	5,305	1,676	5,785	5,350	1,651	5,541	3,582	3,873	6,975	
Corporation income taxes.....do	1,821	1,897	422	6,081	551	443	5,511	574	386	3,603	557	396	3,726	583	451	
Employment taxes.....do	1,108	1,346	2,596	1,428	940	2,664	1,340	537	2,064	1,098	468	1,440	1,147	404	2,835	
Other internal revenue and receipts.....do	1,612	1,650	1,671	1,550	1,598	1,626	1,745	1,967	1,633	1,567	1,571	1,428	1,820	1,619	1,887	
Expenditures, total.....do	7,639	7,849	9,763	7,806	7,590	7,470	7,715	7,863	8,305	7,815	8,776	7,784	8,289	8,492	7,521	
Interest on public debt.....do	796	852	809	825	823	823	865	882	850	856	865	863	903	925	880	
Veterans' services and benefits.....do	442	439	445	405	367	435	385	468	466	438	463	454	455	481	450	
National defense.....do	4,425	4,414	4,102	4,523	4,522	4,488	4,616	4,178	4,469	4,215	4,710	4,081	4,515	4,348	4,368	
All other expenditures.....do	2,052	2,189	1,432	2,056	1,886	1,727	1,886	2,579	2,572	2,334	2,750	2,386	2,442	2,819	1,943	
Public debt and guaranteed obligations:																
Gross debt (direct), end of mo., total.....bil. \$	303.47	300.35	304.54	302.99	303.17	305.20	305.86	304.84	306.54	306.64	306.44	308.22	309.35	308.58	310.36	309.59
Interest bearing, total.....do	229.21	230.51	230.57	228.98	229.19	231.19	231.95	230.94	232.52	232.66	232.46	234.09	235.21	234.50	236.13	235.40
Public issues.....do	225.78	226.56	228.08	226.77	227.58	227.62	227.15	227.21	227.01	228.01	229.18	230.54	231.56	232.58	233.25	232.18
Held by U.S. Govt. investment accts.....do	111.99	114.14	12.40	12.77	12.56	13.37	13.40	13.20	13.21	13.48	13.76	14.01	14.14	14.44	14.38	
Special issues.....do	143.43	143.66	42.49	42.20	41.60	43.56	44.80	43.72	45.52	44.65	43.28	43.55	43.66	41.92	42.88	43.22
Noninterest bearing.....do	14.26	14.13	4.07	4.02	3.98	4.02	3.91	3.90	4.01	3.97	3.98	4.12	4.13	4.08	4.22	4.18
Guaranteed obligations not owned by U.S. Treasury, end of month.....bil. \$	1.52	1.74	.54	.55	.56	.58	.61	.65	.67	.69	.71	.72	.74	.76	.79	.82
U.S. savings bonds:																
Amount outstanding, end of month.....do	147.87	149.03	48.11	48.21	48.29	48.40	48.47	48.58	48.70	48.74	48.82	48.93	49.03	49.11	49.21	49.26
Sales, series E and H.....do	.36	.40	.42	.40	.41	.41	.35	.41	.40	.35	.39	.33	.36	.47	.40	
Redemptions.....do	.47	.42	.40	.40	.45	.41	.40	.44	.39	.42	.42	.34	.39	.53	.43	.48
LIFE INSURANCE																
Institute of Life Insurance:																
Assets, total, all U.S. life insurance companies \$.....bil. \$	133.29		134.50	134.98	135.61	136.24	136.70	137.67	138.36	138.76	139.61	140.21	140.90	141.87		
Bonds (book value), domestic and foreign, total.....bil. \$	163.72		64.66	64.72	64.95	65.17	65.23	65.58	65.72	65.79	66.08	66.36	66.10	66.63		
U.S. Government.....do	16.17		6.24	6.03	6.01	5.85	5.76	5.84	5.81	5.82	5.83	5.79	5.76	5.78		
State, county, municipal (U.S.).....do	14.03		4.08	4.06	4.04	4.00	3.98	3.95	3.94	3.89	3.89	3.89	3.88	3.86		
Public utility (U.S.).....do	116.51		16.54	16.54	16.51	16.52	16.52	16.49	16.49	16.46	16.47	16.48	16.43	16.44		
Railroad (U.S.).....do	3.48		3.54	3.53	3.52	3.51	3.50	3.48	3.48	3.47	3.46	3.45	3.43	3.42		
Industrial and miscellaneous (U.S.).....do	128.64		28.98	29.18	29.44	29.65	29.77	30.07	30.23	30.33	30.62	30.98	30.94	31.41		
Stocks (book value), domestic and foreign, total.....bil. \$	16.30		5.28	5.34	5.38	5.38	5.45	5.45	5.50	5.56	5.56	5.58	5.68	5.74		
Preferred (U.S.).....do	12.18		2.25	2.26	2.25	2.25	2.27	2.28	2.29	2.30	2.29	2.31	2.34	2.35		
Common (U.S.).....do	4.03		2.94	2.99	3.03	3.04	3.10	3.08	3.11	3.17	3.18	3.18	3.25	3.29		
Mortgage loans, total.....do	146.90		47.35	47.62	47.91	48.16	48.42	48.66	48.96	49.23	49.54	49.81	50.54	50.83		
Nonfarm.....do	143.50		43.93	44.16	44.41	44.62	44.83	45.03	45.29	45.52	45.80	46.06	46.75	47.01		
Real estate.....do	14.11		4.17	4.18	4.20	4.21	4.24	4.26	4.31	4.34	4.36	4.37	4.35	4.37		
Policy loans and premium notes.....do	16.23		6.28	6.32	6.36	6.40	6.44	6.51	6.55	6.58	6.62	6.65	6.69	6.73		
Cash.....do	11.46		1.27	1.19	1.18	1.21	1.21	1.26	1.25	1.34	1.34	1.32	1.44	1.38		
Other assets.....do	14.57		5.50	5.60	5.63	5.70	5.71	5.94	6.07							

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

FINANCE—Continued

LIFE INSURANCE—Continued

Life Insurance Agency Management Association: Insurance written (new paid-for insurance):																
Value, estimated total.....mil. \$.	6,631	7,303	6,348	7,316	7,787	7,577	7,945	7,047	6,958	7,215	8,171	7,413	9,067	6,794	7,405	
Ordinary.....do.	4,686	5,213	4,584	5,220	5,341	5,532	5,123	5,123	5,084	5,033	5,920	5,409	5,998	4,999	5,252	
Group and wholesale.....do.	1,358	1,506	1,197	1,508	1,814	1,406	1,334	1,367	1,295	1,594	1,621	1,352	2,546	1,295	1,550	
Industrial.....do.	587	583	567	588	632	639	588	557	579	588	630	592	523	600	603	
Premiums collected:																
Total life insurance premiums.....do.	1,052	1,125	1,038	1,130	1,096	1,120	1,072	1,127	1,127	1,066	1,154	1,065	1,351	1,168	1,152	
Ordinary.....do.	778	842	779	859	828	840	811	853	847	799	876	811	929	889	878	
Group and wholesale.....do.	155	167	154	166	163	166	159	166	174	160	170	150	205	173	164	
Industrial.....do.	120	116	104	104	105	114	102	108	106	106	108	105	217	106	110	

MONETARY STATISTICS

Gold and silver:																
Gold:																
Monetary stock, U.S. (end of yr. or mo.).....mil. \$.	115,978	115,513	15,878	15,878	15,877	15,797	15,733	15,633	15,582	15,583	15,582	15,513	15,512	15,462	15,461	
Net release from earmark.....do.	-66	-21	-47	48	-27	-62	-39	-169	-44	107	-23	94	55	15		
Exports.....thous. \$.	31,747	16,982	45,024	36	338	140	15	189	83	50,286	28,139	28,416	28,142	56,294	84,438	
Imports.....do.	12,578	3,701	2,024	1,842	1,382	9,140	2,062	9,769	7,566	1,321	1,749	2,094	2,489	2,404	2,011	
Production, world total.....do.																
South Africa.....do.	74,400	80,000	76,560	79,460	79,100	80,600	80,100	81,600	81,700	80,900	82,000	81,600	78,600			
Canada.....do.	12,100	11,600	11,600	11,600	11,800	12,400	11,600	10,900	11,700	11,500	12,200	11,700	10,800	10,700		
United States.....do.	4,500		3,000	3,200	3,600											
Silver:																
Exports.....do.	1,262	3,480	3,086	1,642	3,327	2,711	2,618	265	1,624	2,945	5,756	11,439	3,780	5,230	7,010	
Imports.....do.	6,208	5,910	5,187	7,500	4,606	6,527	6,854	6,013	4,865	6,788	7,178	4,658	6,433	6,638	6,189	
Price at New York.....dol. per fine oz.	1.084	1.279	1.256	1.271	1.273	1.279	1.277	1.290	1.288	1.293	1.293	1.293	1.293	1.293	1.293	1.293
Production:																
Canada.....thous. fine oz.	2,556	2,487	2,233	2,575	2,393	2,672	2,408	2,216	2,908	2,285	2,707	2,890	2,263			
Mexico.....do.	3,437	3,286	3,604	3,446	3,009	3,351	3,195	3,587	3,350	3,245	2,542	3,489	3,373			
United States.....do.	3,029	3,843	4,135	4,186	4,103	4,286	3,346	3,896	3,328	3,707	3,218	3,682	3,593	3,000		
Currency in circulation, end of yr. or mo.....bil. \$.																
	35.3	37.7	34.3	34.5	34.6	35.1	35.5	35.7	35.8	35.9	36.2	37.2	37.7	36.2	36.3	
Money supply and related data (avg. of daily fig.):																
Unadjusted for seas. variation:																
Total money supply.....bil. \$.	146.0	150.6	148.3	147.4	149.5	147.3	148.2	149.4	149.1	150.5	152.5	154.8	157.4	158.0	154.1	153.3
Currency outside banks.....do.	30.1	31.6	30.5	30.8	30.9	31.1	31.4	31.8	31.9	32.0	32.1	32.6	33.1	32.4	32.3	32.6
Demand deposits.....do.	115.9	119.0	117.8	116.7	118.6	116.2	116.7	117.6	117.2	118.6	120.4	122.2	124.3	125.6	121.8	120.7
Time deposits adjusted.....do.	91.0	105.3	99.9	101.7	102.9	104.0	105.0	106.0	107.3	108.1	109.3	110.0	110.8	112.9	114.3	115.5
U.S. Government deposits.....do.	6.0	5.8	5.6	5.9	4.2	7.0	7.4	7.7	6.2	6.5	5.2	4.3	5.1	4.1	4.7	6.0
Adjusted for seas. variation:																
Total money supply.....do.			148.6	148.9	149.4	149.4	149.8	150.7	150.5	150.9	152.1	153.4	153.5	154.8	154.4	154.8
Currency outside banks.....do.			30.9	31.1	31.2	31.3	31.6	31.6	31.8	31.8	32.0	32.3	32.4	32.5	32.7	32.9
Demand deposits.....do.			117.7	117.8	118.2	118.2	118.2	119.1	118.8	119.1	120.1	121.1	121.1	122.3	121.7	121.9
Time deposits adjusted.....do.			100.3	101.8	102.6	103.7	104.5	105.5	106.7	107.6	108.9	110.7	111.8	113.7	114.8	115.6
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	43.6	43.9	44.3	44.2	42.5	45.8	44.9	46.8	46.2	43.6	46.3	47.1	44.8	46.7
New York City.....do.	77.8	84.8	84.6	85.8	82.2	85.0	79.3	85.1	88.9	96.9	87.2	80.7	89.0	92.1	86.2	91.6
6 other centers.....do.	41.2	44.6	42.7	43.1	44.1	43.1	42.7	46.8	44.2	46.7	48.4	46.0	47.5	47.8	45.4	46.9
337 other reporting centers.....do.	27.7	29.0	28.3	28.3	29.6	29.1	28.1	30.3	29.5	29.9	30.1	29.0	29.8	30.6	29.5	30.1

PROFITS AND DIVIDENDS (QTRLY.)

Manufacturing corps. (Fed. Trade and SEC):																
Net profit after taxes, all industries.....mil. \$.	4,430	4,871		4,024			5,213			4,785			5,161			
Food and kindred products.....do.	342	362		279			356			417			397			
Textile mill products.....do.	88	88		64			90			97			103			
Lumber and wood products (except furniture).....mil. \$.	41	62		27			68			96			55			
Paper and allied products.....do.	157	158		123			164			153			194			
Chemicals and allied products.....do.	560	607		511			674			606			636			
Petroleum refining.....do.	809	958		911			865			938			1,117			
Stone, clay, and glass products.....do.	145	148		25			219			204			145			
Primary nonferrous metal.....do.	133	141		125			149			129			160			
Primary iron and steel.....do.	180	234		168			321			184			265			
Fabricated metal products (except ordnance, machinery, and transport, equip.).....mil. \$.	152	167		116			179			202			171			
Machinery (except electrical).....do.	327	358		290			417			362			333			
Elec. machinery, equip., and supplies.....do.	305	325		291			326			312			370			
Transportation equipment (except motor vehicles, etc.).....mil. \$.	110	111		92			129			114			109			
Motor vehicles and equipment.....do.	572	640		639			751			365			807			
All other manufacturing industries.....do.	508	510		361			503			607			570			
Dividends paid (cash), all industries.....do.																
Electric utilities, profits after taxes (Federal Reserve).....mil. \$.	2,320	2,467		2,202			2,371			2,164			3,131			
Transportation and communications (see pp. S-23 and S-24).....do.	513	546		626			498			529			532			

SECURITIES ISSUED

Securities and Exchange Commission:																
Estimated gross proceeds, total.....mil. \$.	2,498	2,635	2,166	2,830	2,927	2,783	5,054	2,089	1,980	1,673	2,977	2,117	2,312	2,486	2,090	
By type of security:																
Bonds and notes, total.....do.	2,352	2,521	2,072	2,740	2,711	2,687	4,942	1,989	1,880	1,586	2,852	1,958	2,229	2,365	2,003	
Corporate.....do.	751	906	548	1,273	832	1,244	1,133	710	650	784	992	732	1,376	871	692	
Common stock.....do.	110	85	77	74	191	78	175	65	61	81	91	106	53	94	80	
Preferred stock.....do.	36	29	17	17	26	17	38	35	39	5	34	30	26	7		

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

7 Revisions for Jan. 1962-Jan. 1963 will be shown later. 8 Or increase in earmarked gold (-). 9 Time deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt. 10 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FINANCE—Continued

SECURITY MARKETS—Continued																
Stocks—Continued																
Dividend yields and earnings, common stocks (Moody's):																
Yield (200 stocks).....percent.....	3.37	3.17	3.36	3.25	3.11	3.13	3.22	3.23	3.08	3.10	3.03	3.21	3.15	3.10	3.07	3.04
Industrial (125 stocks).....do.....	3.39	3.20	3.42	3.29	3.12	3.15	3.25	3.25	3.10	3.12	3.03	3.23	3.15	3.12	3.07	3.02
Public utility (24 stocks).....do.....	3.25	3.12	3.10	3.06	3.07	3.04	3.14	3.13	3.00	3.14	3.22	3.29	3.25	3.21	3.20	3.28
Railroad (25 stocks).....do.....	5.30	4.46	4.82	4.73	4.39	4.21	4.22	4.42	4.21	4.41	4.57	4.46	4.37	4.33	4.21	4.21
Bank (15 stocks).....do.....	3.31	3.15	3.17	3.19	3.15	3.14	3.22	3.12	3.02	3.12	3.08	3.25	3.17	3.13	3.14	3.02
Insurance (10 stocks).....do.....	2.48	2.51	2.47	2.45	2.42	2.50	2.55	2.54	2.48	2.57	2.52	2.61	2.57	2.52	2.48	2.49
Earnings per share (indust., qtrly. at ann. rate; pub. util. and R.R., for 12 mo. ending each qtr.):																
Industrial (125 stocks).....dollars.....	11.10	12.40	11.25	12.95	11.00	14.40	4.91	6.37	4.98	6.29	4.98	6.29	4.98	6.29	4.98	6.29
Public utility (24 stocks).....do.....	24.73	24.98	4.81	4.87	5.23	11.00	4.91	6.37	4.98	6.29	4.98	6.29	4.98	6.29	4.98	6.29
Railroad (25 stocks).....do.....	25.73	6.29	5.68	5.23	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37
Dividend yields, preferred stocks, 14 high-grade (Standard & Poor's Corp.).....percent.....																
	4.50	4.30	4.27	4.24	4.31	4.29	4.29	4.34	4.30	4.30	4.26	4.28	4.32	4.31	4.31	4.34
Prices:																
Dow-Jones averages (65 stocks).....	221.07	253.67	241.13	229.67	249.58	256.36	257.30	252.72	257.69	262.53	262.16	261.09	266.33	272.31	276.74	282.93
Industrial (30 stocks).....	639.76	714.81	679.75	674.63	707.12	720.84	719.14	700.75	714.15	738.52	747.52	743.24	759.94	776.62	793.03	812.18
Public utility (15 stocks).....	121.75	138.36	135.86	134.87	137.57	140.30	139.86	138.73	142.83	142.74	138.68	137.59	137.77	140.19	140.09	139.25
Railroad (20 stocks).....	132.61	165.30	151.86	151.72	158.36	167.48	171.89	170.62	172.93	172.71	170.41	171.16	176.16	180.93	184.55	191.97
Standard & Poor's Corporation: ^o																
Industrial, public utility, and railroad:																
Combined Index (500 stocks).....1941-43=10.....	62.38	69.86	65.92	65.67	68.76	70.14	70.11	69.07	70.98	72.85	73.03	72.62	74.17	76.45	77.39	78.80
Industrial, total (425 stocks) ^o.....do.....																
	65.54	73.39	68.91	68.71	72.17	73.60	73.61	72.45	74.43	76.63	77.09	76.69	78.38	80.85	81.96	83.64
Capital goods (123 stocks).....do.....	58.15	63.30	59.93	59.28	62.07	64.43	64.03	61.82	63.30	64.96	65.57	66.45	68.54	71.89	72.92	75.48
Consumers' goods (193 stocks).....do.....	54.96	62.28	57.47	57.55	60.29	62.18	62.32	61.41	63.45	66.45	67.09	66.44	69.38	67.36	68.11	70.15
Public utility (50 stocks).....do.....	59.16	64.99	64.07	63.35	64.64	65.52	64.87	64.47	66.57	67.09	65.55	64.81	65.64	67.26	67.20	66.78
Railroad (25 stocks).....do.....	30.56	37.58	34.59	34.60	36.25	38.37	39.34	38.75	39.22	39.00	38.31	38.60	39.92	41.00	41.54	42.88
Banks:																
New York City (10 stocks).....do.....	33.75	36.75	37.18	35.86	35.96	36.68	37.01	36.87	37.76	38.33	37.04	36.67	36.29	37.60	37.06	38.49
Outside New York City (16 stocks).....do.....	66.19	74.81	73.29	72.22	74.66	75.65	75.85	75.29	76.82	77.31	76.05	75.24	75.57	77.39	75.90	76.90
Fire and casualty insurance ^o.....do.....	63.38	64.03	62.38	64.18	63.78	62.76	62.58	63.61	64.96	63.79	63.00	63.73	65.45	66.19	67.06	67.06
Sales (Securities and Exchange Commission):																
Total on all registered exchanges:																
Market value.....mil. \$.....	4,561	5,300	4,298	4,019	5,485	5,592	5,036	4,533	5,033	6,093	7,049	6,006	6,156	7,649	5,317	-----
Shares sold.....millions.....	139	153	130	122	160	169	149	132	144	170	184	149	169	200	140	-----
On New York Stock Exchange:																
Market value.....mil. \$.....	3,945	4,574	3,741	3,485	4,794	4,849	4,279	3,827	4,215	5,161	5,943	5,082	5,154	6,149	4,280	-----
Shares sold (cleared or settled).....millions.....	99	113	97	91	121	126	107	96	102	123	136	111	123	145	102	-----
Exclusive of odd-lot and stopped stock sales (N.Y. S.E.; sales effected).....millions.....	80	96	79	75	107	105	91	76	92	107	122	94	99	117	88	114
Shares listed, N.Y. Stock Exchange, end of mo.:																
Market value, all listed shares.....bil. \$.....	339.29	386.63	354.33	365.93	383.59	389.90	383.00	382.21	400.96	396.24	407.24	401.60	411.32	422.51	428.42	436.79
Number of shares listed.....millions.....	7,464	7,906	7,719	7,750	7,793	7,881	7,923	7,952	7,972	8,010	8,029	8,042	8,108	8,183	8,214	8,301

FOREIGN TRADE OF THE UNITED STATES

FOREIGN TRADE																
Value ¹																
Exports (mdse.), incl. reexports, total ¹.....mil. \$.....																
	1,806.0	1,934.0	2,097.8	2,123.8	2,057.6	2,168.0	1,865.6	1,818.0	1,903.2	1,823.5	2,079.8	2,104.5	2,155.4	2,117.5	2,091.5	-----
Excl. Dept. of Defense shipments.....do.....	1,745.4	1,857.3	2,014.3	2,057.6	1,968.3	2,074.6	1,770.2	1,713.6	1,810.7	1,765.5	2,023.0	2,028.5	2,092.3	2,025.0	1,994.5	-----
Seasonally adjusted.....do.....	-----	-----	2,117.5	1,960.4	1,912.7	1,892.6	1,784.7	1,823.0	1,894.6	1,979.6	1,946.4	1,944.6	2,049.4	2,037.3	2,028.7	-----
By geographic regions: ^Δ																
Africa.....do.....	81.8	82.4	98.5	99.1	96.1	91.8	77.2	87.4	78.6	79.1	79.3	92.6	95.6	86.2	-----	-----
Asia.....do.....	343.7	398.1	423.9	469.3	492.5	398.3	347.5	395.2	401.7	381.2	442.4	438.0	489.7	449.4	-----	-----
Australia and Oceania.....do.....	39.8	43.6	48.9	41.9	42.7	49.6	44.3	41.6	42.3	40.7	44.8	55.8	52.7	48.6	-----	-----
Europe.....do.....	543.5	589.0	686.2	670.0	630.8	659.2	553.8	494.7	561.3	544.8	658.8	671.6	678.9	695.1	-----	-----
Northern North America.....do.....	319.4	343.2	296.9	316.3	344.0	394.4	371.0	329.9	328.7	349.1	405.9	359.2	355.4	339.6	-----	-----
Southern North America.....do.....	130.7	142.2	141.8	154.0	150.6	156.4	138.0	136.3	140.2	142.9	154.5	152.6	157.1	149.4	-----	-----
South America.....do.....	167.7	152.6	170.4	177.8	189.7	191.1	146.2	141.8	156.2	131.1	149.9	171.9	170.5	156.2	-----	-----
By leading countries:																
Africa:																
United Arab Republic (Egypt Reg.).....do.....	19.6	17.5	20.2	19.4	30.3	25.7	19.8	15.1	13.8	16.0	16.2	13.6	17.7	13.4	-----	-----
Republic of South Africa.....do.....	18.6	23.0	29.8	25.1	23.3	20.8	21.3	22.6	23.9	24.8	24.5	26.4	29.8	26.1	-----	-----
Asia: Australia and Oceania:																
Australia, including New Guinea.....do.....	34.2	36.5	39.9	35.1	37.7	38.9	38.5	33.5	34.1	32.2	37.7	50.0	45.4	37.6	-----	-----
India.....do.....	55.8	67.0	61.0	83.0	66.7	71.0	58.6	70.7	62.1	60.6	72.8	76.5	98.7	80.2	-----	-----
Pakistan.....do.....	23.7	32.3	28.1	38.2	43.0	30.6	22.9	24.5	37.3	36.9	47.8	25.6	45.5	25.5	-----	-----
Malaysia ^o.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.2	-----	-----
Republic of Indonesia.....do.....	9.9	8.8	6.9	13.2	7.6	8.2	8.6	6.0	4.8	10.9	7.8	12.8	7.9	12.8	-----	-----
Republic of the Philippines.....do.....	22.4	26.9	27.9	35.0	26.7	29.4	21.6	25.7	26.2	24.1	35.5	29.9	29.3	30.2	-----	-----
Japan.....do.....	117.9	141.5	169.1	162.9	129.3	134.2	113.7	136.8	144.7	139.4	152.7	173.9	168.8	184.6	-----	-----
Europe:																
France.....do.....	48.9	56.5	67.0	70.7	57.6	56.6	59.0	38.3	52.7	51.1	63.5	64.1	64.7	84.2	-----	-----
East Germany.....do.....	1	5	4	1	2	1.1	(3)	2	(3)	(3)	1	1.9	2.3	3.2	-----	-----
West Germany.....do.....	90.0	92.0	119.5	111.2	90.6	90.3	88.1	75.8	90.9	88.4	98.2	103.9	103.0	97.6	-----	-----
Italy.....do.....	64.1	73.4	83.2	73.2	77.5	84.2	82.3	70.9	80.5	68.6	72.9	74.4	80.9	70.8	-----	-----
Union of Soviet Socialist Republics.....do.....	1.3	1.7	1.8	.9	.8	2.1	1.8	2.8	2.2	.6	3.6	1.6	1.7	8.3	-----	-----
United Kingdom.....do.....	89.6	96.8	106.0	107.7	92.0	93.9	71.4	80.4	87.1	104.3	130.7	125.6	114.5	122.9	-----	-----

¹ Revised. ² Preliminary. ³ Quarterly average at annual rate. ⁴ For 12 months ending Dec. ⁵ Less than \$50,000. ⁶ Number of stocks represents number currently used; the change in number does not affect continuity of the series. ⁷ Includes data not shown separately. 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. ^Δ Excludes "special category" shipments. ^o 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FOREIGN TRADE OF THE UNITED STATES—Continued																	
FOREIGN TRADE—Continued																	
Value—Continued†																	
Exports (mdse.), incl. reexports—Continued																	
By leading countries—Continued																	
North and South America:																	
Canada.....	mil. \$	† 319.4	† 343.2	296.9	† 316.2	344.0	† 394.4	371.0	329.8	328.7	349.1	405.9	359.1	355.4	339.6	-----	-----
Latin American Republics, total †	do	† 270.3	† 262.8	† 280.9	295.2	† 300.5	† 315.0	† 255.4	249.6	† 263.9	241.1	267.9	286.2	278.5	269.8	-----	-----
Argentina.....	do	† 31.6	15.7	18.3	19.7	† 16.9	24.4	15.6	14.4	10.3	15.2	17.2	18.8	15.1	-----	-----	
Brazil.....	do	35.4	31.4	39.3	40.0	57.8	43.6	28.0	27.7	29.0	20.5	21.7	30.9	29.3	32.4	-----	-----
Chile.....	do	14.2	13.5	16.6	13.4	13.2	16.9	15.4	14.2	14.5	12.6	13.0	15.1	14.4	13.1	-----	-----
Colombia.....	do	18.9	20.0	18.3	20.7	22.0	24.1	19.5	21.0	22.6	18.4	22.6	21.7	24.6	20.4	-----	-----
Cuba.....	do	1.1	† 3.0	† 3.8	† 4	7.5	† 11.1	(1)	3.7	(1)	(2)	(2)	0	(1)	(1)	-----	-----
Mexico.....	do	† 67.1	† 68.9	63.8	69.4	74.0	73.3	70.6	† 66.4	65.1	70.7	78.1	75.3	69.4	72.5	-----	-----
Venezuela.....	do	† 39.2	42.3	42.4	53.3	40.1	51.4	39.6	34.9	44.1	41.2	46.5	48.3	49.7	43.6	-----	-----
Exports of U.S. merchandise, total.....	do	1,783.6	1,910.1	2,074.0	2,097.4	2,030.7	2,142.9	1,840.8	1,797.1	1,879.2	1,801.8	2,055.6	2,079.1	2,131.6	2,090.6	2,063.0	
By economic classes:																	
Crude materials.....	do	186.2	† 214.7	† 226.4	† 204.9	† 186.7	† 200.4	† 199.1	182.6	† 212.2	222.9	† 272.7	281.6	† 284.9	247.4	237.9	
Crude foodstuffs.....	do	† 167.5	† 189.4	† 192.0	190.0	220.9	† 234.8	175.6	181.0	158.8	† 166.7	† 221.4	227.6	232.6	227.4	209.7	
Manufactured foodstuffs and beverages.....	do	113.8	† 124.8	† 130.4	157.1	† 138.8	† 139.8	† 103.9	† 113.2	† 124.0	122.2	† 132.6	135.1	131.9	127.7	137.3	
Semimanufactures †	do	† 253.4	† 273.6	† 294.8	† 289.9	278.6	† 308.3	259.5	† 272.3	300.2	270.0	† 296.5	285.0	297.1	300.7	289.5	
Finished manufactures †	do	† 1,062.7	† 1,107.6	† 1,230.4	† 1,255.5	† 1,205.7	† 1,259.6	† 1,102.7	† 1,048.0	† 1,084.1	† 1,020.1	1,132.3	1,149.9	1,185.1	1,187.4	1,188.5	
By principal commodities:																	
Agricultural products, total †																	
Animal and vegetable oils and fats*.....	do	† 26.1	26.6	17.6	38.2	36.0	32.8	23.4	† 26.0	26.4	32.1	28.9	20.7	25.4	26.6	-----	-----
Cotton, unmanufactured.....	do	44.8	48.9	69.6	† 59.2	† 41.2	42.8	34.5	25.9	36.7	41.9	50.9	67.8	86.1	79.0	74.9	
Fruits, vegetables, and preparations.....	do	35.8	37.2	34.7	37.7	31.6	38.6	39.0	37.2	33.9	37.0	50.0	40.0	37.4	32.2	-----	
Grains and preparations †	do	† 171.4	† 192.7	† 198.9	207.6	232.4	† 241.1	172.2	179.7	156.3	† 162.3	211.2	220.9	247.7	234.6	-----	
Meat and meat preparations*.....	do	11.8	† 12.3	† 12.8	12.8	10.1	11.8	11.4	10.6	11.7	13.0	16.4	17.3	13.8	16.8	-----	
Tobacco and manufactures †	do	40.9	† 43.6	35.0	37.7	† 36.5	† 33.1	† 39.5	35.0	44.7	64.2	73.0	60.1	55.4	38.0	-----	
Nonagricultural products, total †	do	† 1,364.1	† 1,444.7	† 1,581.7	† 1,592.2	† 1,531.0	† 1,637.5	† 1,427.9	† 1,386.6	† 1,470.5	† 1,368.1	† 1,503.1	† 1,504.6	† 1,543.5	† 1,548.3	† 1,537.6	
Automobiles, parts, and accessories.....	do	† 115.2	125.7	132.4	129.5	† 126.6	129.0	119.1	197.1	112.7	115.3	146.1	† 165.3	159.7	148.2	-----	
Chemicals and related products †	do	† 149.3	† 161.9	175.5	178.6	161.0	179.0	158.3	163.1	176.3	162.1	† 175.0	169.9	165.4	171.1	-----	
Coal and related fuels.....	do	† 32.0	40.2	26.9	29.8	36.3	47.2	42.0	37.0	53.8	53.3	50.5	46.0	37.8	33.9	-----	
Iron and steel products.....	do	50.9	57.4	57.0	† 60.2	58.7	65.0	56.0	61.6	† 62.6	56.5	† 64.0	60.6	64.8	63.1	-----	
Machinery, total †	do	† 435.1	† 453.4	† 497.0	† 516.3	490.5	518.5	† 461.8	† 431.0	† 446.0	† 411.1	462.7	477.1	† 491.7	486.8	-----	
Agricultural.....	do	13.2	15.2	15.6	18.6	19.2	19.3	19.2	18.4	16.6	10.6	11.7	11.4	12.7	15.8	20.1	
Tractors, parts, and accessories.....	do	† 30.3	35.2	35.0	36.2	39.6	38.4	38.5	33.0	36.5	31.2	41.1	36.9	39.6	39.2	36.5	
Electrical.....	do	† 105.9	113.4	124.1	120.7	† 119.1	† 126.3	† 111.9	† 104.2	111.7	† 108.9	114.0	† 124.2	122.5	125.6	132.7	
Metalworking †	do	† 44.5	37.0	49.5	44.2	43.9	44.5	34.7	31.2	29.0	† 34.6	† 38.1	37.5	† 42.2	39.1	42.1	
Other industrial.....	do	† 208.1	216.5	236.2	249.6	† 235.4	253.4	† 224.0	211.2	† 212.9	192.4	218.0	228.4	236.8	226.2	238.4	
Petroleum and products.....	do	† 36.8	41.0	† 52.5	41.1	46.1	† 42.7	37.1	† 42.6	† 41.5	41.0	41.1	39.4	41.9	37.7	-----	
Textiles and manufactures.....	do	57.3	57.8	66.2	66.1	60.3	† 62.2	57.6	53.3	57.8	55.2	65.0	63.2	62.8	59.8	-----	
General imports, total †	do	1,365.8	† 1,428.5	1,385.9	1,463.0	1,454.2	† 1,459.9	1,356.5	1,502.6	1,458.3	1,398.5	1,591.3	† 1,425.1	† 1,529.9	1,455.0	1,337.7	
Seasonally adjusted †	do	-----	-----	1,497.4	1,486.7	1,417.2	1,420.2	1,420.5	1,457.5	1,508.3	1,450.4	1,458.8	† 1,465.3	† 1,477.7	1,429.9	1,445.3	
By geographic regions: †																	
Africa.....	do	† 62.8	† 64.8	77.6	† 71.2	† 67.9	71.7	54.8	61.4	† 67.6	† 58.4	74.0	59.5	71.0	67.6	71.4	
Asia.....	do	† 246.7	† 266.1	† 251.6	† 265.8	† 269.9	† 266.1	† 252.9	283.3	† 306.4	† 267.6	† 297.8	265.2	252.1	283.0	203.7	
Australia and Oceania.....	do	36.6	41.8	55.3	† 42.5	31.2	36.3	37.1	53.2	† 48.6	† 52.9	48.1	31.6	43.2	35.7	30.5	
Europe.....	do	† 385.0	† 400.8	† 392.9	† 433.0	† 412.8	† 422.4	† 362.3	† 441.8	† 370.9	† 378.7	466.1	445.1	427.6	409.3	394.6	
Northern North America.....	do	† 305.2	† 319.4	267.2	285.3	† 327.5	† 334.7	† 342.7	† 339.2	† 334.6	† 301.4	354.2	312.0	351.1	307.4	301.8	
Southern North America.....	do	123.1	† 127.4	† 132.9	† 131.2	† 146.4	† 144.7	† 132.2	128.9	† 109.1	† 102.4	† 115.7	† 114.2	† 140.9	150.4	142.2	
South America.....	do	204.2	† 207.7	207.5	† 234.0	† 198.3	† 183.5	† 174.2	† 194.7	† 220.9	† 236.6	† 235.1	197.5	243.0	199.8	192.7	
By leading countries: †																	
Africa:																	
United Arab Republic (Egypt Reg.).....	do	2.1	1.7	1.0	.7	1.4	3.2	3.9	1.2	.5	1.1	5.0	.5	1.1	1.0	1.0	
Republic of South Africa.....	do	21.4	† 21.6	26.8	28.0	13.6	28.1	16.8	23.3	† 31.4	17.8	18.9	17.4	25.8	24.1	20.3	
Asia: Australia and Oceania:																	
Australia, including New Guinea.....	do	24.4	26.6	† 41.1	† 22.1	18.7	17.7	24.1	28.0	† 30.9	† 34.2	36.8	20.7	29.0	27.7	19.1	
India.....	do	21.3	24.5	32.7	25.2	25.2	† 27.9	23.3	† 26.7	25.6	21.7	25.8	22.9	21.0	22.3	18.0	
Pakistan.....	do	3.5	3.8	5.2	5.4	3.6	5.0	3.6	2.9	3.3	3.2	4.0	3.7	3.7	4.3	2.6	
Malaysia †	do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14.3	9.9	
Republic of Indonesia.....	do	11.2	9.4	12.7	8.9	9.3	10.1	9.7	8.5	10.5	8.4	9.8	9.7	8.0	13.4	10.0	
Republic of the Philippines.....	do	† 26.9	29.7	25.4	25.6	† 31.8	27.4	35.0	35.8	† 44.9	† 32.5	36.9	18.0	29.9	32.2	15.1	
Japan.....	do	† 113.2	124.8	104.4	124.4	† 116.8	† 109.0	103.7	143.3	145.6	† 124.9	139.8	134.7	118.0	130.6	100.6	
Europe:																	
France.....	do	35.7	35.8	33.6	† 33.3	34.2	† 37.0	36.2	† 44.6	35.8	31.5	45.5	42.0	37.1	35.9	35.0	
East Germany.....	do	.3	.3	.1	.8	.2	.2	.3	.2	.2	.3	.2	.1	.3	.8	.8	
West Germany.....	do	80.1	83.6	† 77.3	83.6	† 90.8	86.7	75.1	92.3	75.1	† 81.1	92.1	94.9	92.2	92.0	78.7	
Italy.....	do	37.7	† 41.1	33.0	46.7	42.6	† 40.4	38.2	47.0	† 46.1	34.7	50.2	46.4	43.5	36.3	33.7	
Union of Soviet Socialist Republics.....	do	1.3	† 1.7	.9	† 1.5	1.4	2.9	1.2	† 1.5	1.8	4.5	1.8	1.2	.9	1.2	2.0	
United Kingdom.....	do	† 83.8	89.9	84.3	† 101.0	84.6	† 99.6	† 83.2	100.9	89.8	83.8	106.0	100.6	91.6	83.5	85.3	
North and South America:																	
Canada.....	do	† 305.0	† 319.1	267.1	285.2	† 327.4	† 334.4	† 342.2	† 338.6	† 334.3	† 300.9	354.0	311.7	350.9	307.2	301.8	
Latin American Republics, total †	do	282.2	† 287.6	298.5	† 323.2	† 298.2	† 273.7	† 258.4	† 272.2	† 286.5	† 293.6	† 301.3	289.3	332.9	294.7	284.5	
Argentina.....	do	† 8.9	13.7	13.2	13.0	11.2	15.5	8.8	14.5	† 16.2	† 17.2	17.6	11.0	20.9	11.6	9.7	
Brazil.....	do	45.1	† 46.8	52.4	† 56.8	36.0	28.8	36.3	† 43.1	† 42.6	† 56.4	53.7	62.9	67.5	43.6	38.1	
Chile.....	do																

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

FOREIGN TRADE OF THE UNITED STATES—Continued

FOREIGN TRADE—Continued																
Value—Continued†																
Imports for consumption, total.....mil. \$.	1,354.3	1,417.8	1,363.4	1,418.8	1,449.6	1,437.2	1,327.8	1,505.3	1,479.1	1,375.1	1,578.3	1,427.8	1,511.6	1,473.3	1,322.3	
By economic classes:																
Crude materials.....do.....	278.2	274.0	269.5	283.8	273.2	281.5	266.3	281.0	314.3	260.2	273.3	238.0	284.5	274.3	246.8	
Crude foodstuffs.....do.....	148.0	143.8	170.9	157.8	164.0	137.3	105.0	128.9	126.6	140.2	168.7	153.3	158.7	160.8	161.5	
Manufactured foodstuffs and beverages.....do.....	149.3	166.5	152.2	158.8	153.0	162.0	174.0	184.4	177.3	183.1	198.2	163.0	197.4	133.5	105.5	
Semi-manufactures.....do.....	282.4	300.4	279.6	292.2	312.5	312.0	293.2	317.5	313.6	285.7	326.4	300.4	315.0	343.0	314.1	
Finished manufactures.....do.....	496.3	533.2	491.3	526.2	546.9	544.4	489.3	593.5	547.2	505.8	611.8	573.0	556.0	561.7	494.5	
By principal commodities:																
Agricultural products, total ♀.....do.....	322.3	334.8	374.1	352.5	348.2	323.1	295.6	333.6	345.2	345.4	377.5	319.8	369.4	332.7	295.4	
Cocoa (cacao) beans, incl. shells.....do.....	11.0	11.3	20.4	13.1	17.2	11.1	12.1	7.5	8.4	9.7	9.4	7.2	11.1	14.4	12.5	
Coffee.....do.....	82.4	79.7	88.5	83.0	90.1	71.0	51.5	78.4	76.7	89.3	100.9	88.8	90.1	87.4	93.9	
Rubber, crude (incl. latex and guayule).....do.....	19.0	16.4	26.3	17.9	19.1	18.0	12.8	13.3	16.5	13.5	15.0	13.6	14.0	19.4		
Sugar (cane or beet).....do.....	42.0	50.9	41.7	43.7	46.0	48.0	73.0	64.3	62.5	59.7	53.4	31.8	68.8	26.3	16.5	
Wool and mohair, unmanufactured.....do.....	17.4	18.8	28.4	25.1	19.7	18.9	15.7	22.1	17.2	12.7	16.7	11.9	22.9	19.7		
Nonagricultural products, total ♀.....do.....	1,031.9	1,083.1	989.3	1,066.3	1,101.4	1,114.1	1,032.3	1,171.7	1,133.8	1,029.6	1,200.8	1,108.0	1,142.2	1,140.5	1,026.8	
Furs and manufactures.....do.....	9.7	10.9	9.7	9.8	11.4	10.7	9.5	7.0	5.7	10.1	7.9	6.1	26.3	16.3		
Iron and steel prod. (excl. adv. mfs.).....do.....	47.3	59.4	47.0	52.7	56.2	65.5	63.7	75.3	71.0	59.1	70.4	65.3	54.0	60.7	54.1	
Nonferrous ores, metals, etc.:																
Bauxite, crude*.....do.....	10.1	9.5	9.0	7.0	9.8	10.0	9.4	10.5	11.7	9.8	8.8	8.2	9.4	9.6		
Aluminum semimfs. (incl. calcined bauxite)*.....do.....	14.7	16.9	11.0	10.3	16.0	18.2	21.6	24.0	18.7	17.8	17.0	17.9	17.7	17.1		
Copper, crude and semimfs.*.....do.....	20.8	21.6	16.3	17.8	20.2	20.1	23.8	20.2	28.3	26.1	26.1	23.3	25.1	26.1		
Tin, including ore.....do.....	9.7	9.1	8.8	9.5	9.7	10.9	10.7	8.5	11.1	6.4	9.2	8.7	8.2	9.8		
Paper base stocks.....do.....	30.0	30.1	28.0	29.1	28.6	28.7	32.1	30.5	31.9	28.7	34.6	31.1	32.0	31.7		
Newsprint.....do.....	58.0	57.3	46.9	44.3	59.9	63.1	57.1	62.5	57.7	57.9	66.5	58.1	68.0	56.8		
Petroleum and products.....do.....	147.1	149.1	151.5	147.6	154.0	144.1	129.7	146.4	146.5	132.3	149.0	135.9	164.9	193.1		
Indexes																
Exports of U.S. merchandise:																
Quantity.....1957-59=100.....	112	120	130	132	128	134	115	113	119	114	130	131	135			
Value.....do.....	115	123	134	135	131	138	118	116	121	116	132	134	137			
Unit value.....do.....	103	102	103	103	102	103	103	102	102	102	103	103	102			
Imports for consumption:																
Quantity.....do.....	122		123	128	132	130	118	134	131							
Value.....do.....	117		118	122	125	124	114	129	127							
Unit value.....do.....	95		95	95	95	95	97	96	97							
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):‡																
Shipping weight.....thous. sh. tons.....	11,215		11,783	11,231	12,625	15,128	13,061	13,573	14,846	14,368	15,070	14,796				
Value.....mil. \$.....	1,165.6		1,353.1	1,381.6	1,309.2	1,390.4	1,170.6	1,164.7	1,219.2	1,164.3	1,375.6	1,408.6				
General imports:*																
Shipping weight.....thous. sh. tons.....	17,552		15,773	15,620	16,858	18,277	18,778	19,493	19,996	18,394	19,076	17,037				
Value.....mil. \$.....	983.6		1,017.5	1,061.8	1,054.5	1,051.3	982.6	1,116.0	1,089.0	1,049.0	1,163.9	1,029.0				
Airborne trade:																
Exports (incl. reexports):‡																
Shipping weight.....thous. sh. tons.....	9.1	10.4	10.3	9.8	9.5	10.3	9.4	9.6	10.3	10.2	11.6	11.0	11.3			
Value.....mil. \$.....	124.0	135.7	148.3	147.3	133.6	142.2	127.0	119.8	120.4	126.6	140.4	131.5	141.9			
General imports:																
Shipping weight.....thous. sh. tons.....	4.1	4.7	4.6	4.7	4.1	4.2	4.0	4.5	4.3	4.3	5.4	5.3	5.3			
Value.....mil. \$.....	59.7	67.9	62.6	60.7	61.3	61.1	58.0	66.5	56.8	67.9	81.3	82.8	89.0			

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION																
Air Carriers																
Scheduled domestic trunk carriers:																
Financial operations (qtrly. avg. or total):																
Operating revenues, total ♀.....mil. \$.	570.6			567.9			632.1				653.3					
Transport, total ♀.....do.....	566.0			563.7			627.9				648.7					
Passenger.....do.....	509.8			509.6			569.0				587.3					
Property.....do.....	37.1			37.0			39.1				41.0					
U.S. mail.....do.....	14.4			14.2			14.7				14.2					
Operating expenses (incl. depreciation).....do.....	551.5			572.4			577.6				592.8					
Net income (after taxes).....do.....	1.7			15.6			20.2				27.6					
Operating results:																
Miles flown (revenue).....thous.....	59,409	63,830	56,488	62,735	62,393	64,751	64,620	66,502	67,333	64,335	66,676	62,455	65,758	66,274	62,863	
Express and freight ton-miles flown.....do.....	45,295	49,195	40,254	46,423	46,919	50,109	47,334	46,151	51,894	52,766	57,797	51,397	55,581	50,710	50,212	
Mail ton-miles flown.....do.....	13,575	14,168	12,799	14,382	14,191	14,249	13,164	13,002	13,617	13,043	15,033	13,376	19,401	14,547	14,051	
Passengers-originated (revenue).....do.....	3,990	4,548	3,706	4,264	4,553	4,484	4,966	4,648	5,151	4,639	4,917	4,446	4,732	4,801	4,458	
Passenger-miles flown (revenue).....mil.....	2,667	3,048	2,453	2,855	2,986	2,890	3,431	3,251	3,588	3,119	3,165	2,861	3,221	3,245	2,950	
Express Operations																
Transportation revenues.....mil. \$.	95.9	95.9		88.4			93.5				96.3		105.4			
Express privilege payments.....do.....	29.2	28.6		25.3			27.8				29.9		31.3			
Local Transit Lines																
Fares, average cash rate.....cents.....	20.1	20.5	20.3	20.4	20.4	20.4	20.4	20.5	20.5	20.5	20.6	20.7	20.7	20.8	20.8	
Passengers carried (revenue).....mil.....	594	572	538	575	608	618	548	531	534	559	628	562	589	581	552	
Operating revenues (qtrly. avg. or total).....mil. \$.	350.8			331.9			357.0				330.3					
Motor Carriers (Intercity)																
Carriers of property, class I (qtrly. avg. or total):																
Number of reporting carriers.....	954															
Operating revenues, total.....mil. \$.	1,343															
Expenses, total.....do.....	1,286															
Freight carried (revenue).....mil. tons.....	87															

† Revised. ‡ Preliminary. § Deficit.
 1 Effective Sept. 1963, data reflect adoption of U.S. Tariff Schedule and are not entirely comparable with earlier figures. 2 Quarterly average.
 3 Number of carriers filing complete reports for 1962.

§ See similar note on p. S-21.
 ¶ Includes data not shown separately. * New series. Data prior to Dec. 1962 may be obtained from Bur. 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
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	121.3				125.4				124.0						
Carriers of passengers, class I (qtrly. avg. or total):																	
Number of reporting carriers.....	2140																
Operating revenues, total..... mil. \$.	131.2																
Expenses, total..... do.	111.8																
Passengers carried (revenue)..... mil.	56.8																
Class I Railroads																	
Freight carloadings (AAR):																	
Total cars.....	2,364	2,406	2,563	2,129	2,240	2,389	2,971	2,137	2,872	2,307	2,518	2,859	1,972	2,045	2,645	2,105	
Coal..... do.	439	461	508	383	423	449	571	300	582	464	474	561	417	415	512	393	
Coke..... do.	30	32	37	31	33	35	43	30	34	28	27	35	29	31	41	34	
Forest products..... do.	158	156	177	148	143	148	182	135	189	147	155	183	139	136	196	154	
Grain and grain products..... do.	231	234	270	216	210	205	268	229	270	200	258	303	197	227	267	186	
Livestock..... do.	17	14	11	12	13	13	10	8	13	15	25	25	10	10	10	10	
Ore..... do.	144	147	165	63	79	185	260	212	260	205	183	157	55	50	75	66	
Merchandise, l.c.l..... do.	97	72	94	76	73	71	84	63	81	64	65	73	53	51	70	54	
Miscellaneous..... do.	1,277	1,289	1,401	1,200	1,266	1,284	1,554	1,161	1,444	1,185	1,331	1,523	1,081	1,125	1,473	1,207	
Freight carloadings, seas. adj. indexes (Fed. R.):†																	
Total..... 1957-59=100.	492	493	94	94	96	97	95	94	91	91	93	92	94	97	97	94	
Coal..... do.	90	95	91	88	96	101	100	100	99	97	94	94	90	91	89	90	
Coke..... do.	81	82	81	84	94	106	107	104	90	84	75	78	84	89	90	92	
Forest products..... do.	97	96	97	98	95	96	93	94	93	95	98	96	97	99	106	103	
Grain and grain products..... do.	101	102	108	108	109	109	99	86	97	101	112	105	109	111	104	93	
Livestock..... do.	67	52	57	59	58	54	49	51	51	43	48	56	50	50	51	50	
Ore..... do.	83	84	80	84	76	86	81	83	81	87	81	104	91	89	93	88	
Merchandise, l.c.l..... do.	49	36	41	40	39	35	36	36	31	34	33	31	33	31	31	28	
Miscellaneous..... do.	94	95	96	97	98	98	97	97	91	92	93	92	96	101	100	98	
Financial operations (qtrly. avg. or total):																	
Operating revenues, total..... mil. \$.	2,360.1	2,389.9	2,238.0				2,473.7			2,398.0				2,446.6			
Freight..... do.	1,997.8	2,036.5	1,965.5				2,118.9			2,035.0				2,084.2			
Passenger..... do.	154.8	147.0	141.0				150.9			157.1				138.6			
Operating expenses..... do.	1,854.3	1,862.9	1,798.0				1,883.2			1,874.1				1,893.5			
Tax accruals and rents..... do.	324.1	325.6	314.2				356.1			324.8				304.4			
Net railway operating income..... do.	181.6	201.4	125.8				234.4			197.1				248.7			
Net income (after taxes)..... do.	143.0	162.9	81.5				188.8			156.1				223.1			
Operating results:																	
Freight carried 1 mile (qtrly.)..... bl. ton-miles.	3151.6			148.7			165.2			158.2							
Revenue per ton-mile (qtrly. avg.)..... cents.	1.347			1.320			1.310			1.312							
Passengers carried 1 mile, revenue (qtrly.)..... mil.	4.940			4.253			4.695			5.225							
Waterway Traffic																	
Clearances, vessels in foreign trade:																	
Total U.S. ports..... thous. net tons.	14,913	15,625	13,831	14,583	14,929	17,463	16,003	17,087	17,485	16,341	16,531	16,686	15,454				
Foreign vessels..... do.	12,666	12,784	11,337	11,901	12,067	14,169	13,166	13,875	14,331	13,486	13,433	13,618	12,573				
United States vessels..... do.	2,847	2,842	2,494	2,682	2,862	3,294	2,837	3,212	3,154	2,855	3,098	3,068	2,881				
Panama Canal:																	
Total..... thous. lg. tons.	5,490	5,454	4,876	5,610	5,379	5,721	5,460	5,924	5,641	5,702	5,925	5,399	5,691	5,832	6,187	6,269	
In United States vessels..... do.	855	780	531	744	792	835	821	862	837	1,000	2,968	722	708	613	906	965	
Travel																	
Hotels:																	
Average sale per occupied room..... dollars.	9.35	9.37	9.26	8.87	9.67	9.09	9.64	8.75	9.00	9.56	10.24	9.82	8.90	9.09	9.26	8.87	
Rooms occupied..... % of total.	61	60	62	61	63	61	62	54	59	63	68	58	47	57	60	59	
Restaurant sales index..... same mo. 1951=100.	112	109	113	116	107	121	110	107	104	107	109	101	107	105	109	108	
Foreign travel:																	
U.S. citizens: Arrivals..... thous.	195	218	148	210	187	189	230	295	391	271	219	174	158				
Departures..... do.	191	216	170	201	212	200	341	333	283	207	186	146	161				
Aliens: Arrivals..... do.	125	130	89	113	121	128	136	155	169	173	144	118	112				
Departures..... do.	103	110	74	91	103	108	126	131	140	134	123	103	116				
Passports issued and renewed..... do.	76	88	75	108	139	149	128	100	78	65	56	40	47	71	81	121	
National parks, visits..... do.	2,737	2,779	692	928	1,434	2,082	5,082	7,594	7,705	3,278	2,331	1,104	661	686	790	1,090	
Pullman Co. (qtrly. avg. or total):																	
Passenger-miles (revenue)..... mil.	726	629		706			611			538			600				
Passenger revenues..... thous. \$.	12,076	10,477		12,159			10,397			10,065			9,288				
COMMUNICATIONS																	
Telephone carriers:																	
Operating revenues..... mil. \$.	702.6	845.6	797.1	830.3	836.0	853.4	836.3	849.5	861.4	844.2	879.0	850.8	881.8	881.1			
Station revenues..... do.	440.0	465.4	452.5	457.3	462.2	464.5	463.8	483.1	465.6	468.0	477.3	475.2	480.0	481.7			
Tolls, message..... do.	270.4	289.7	257.0	285.1	286.3	299.9	280.5	295.1	304.4	283.2	309.1	286.3	308.7	305.3			
Operating expenses (before taxes)..... do.	468.2	495.7	465.7	488.1	492.4	502.9	478.2	486.8	495.1	489.8	523.4	500.5	539.8	529.2			
Net operating income..... do.	139.6	152.3	140.9	145.7	147.9	151.9	155.5	164.2	158.1	158.2	156.1	155.4	150.1	154.9			
Phones in service, end of year or mo..... mil.	70.8	73.7	71.2	71.5	71.7	71.9	72.1	72.3	72.5	72.9	73.2	73.4	73.7	74.0			
Telegraph, cable, and radiotelegraph carriers:																	
Wire-telegraph:																	
Operating revenues..... thous. \$.	22,010	23,902	21,759	23,044	23,479	24,280	23,516	23,834	21,964	24,378	25,452	23,676	25,550	24,449			
Operating expenses, incl. depreciation..... do.	20,197	21,694	20,123	20,977	21,289	21,867	20,795	21,264	21,275	20,700	21,527	20,603	21,324	22,213			
Net operating revenues..... do.	582	1,650	364	784	873	1,118	1,543	1,348	2,590	2,597	2,983	2,368	3,663	834			
Ocean-cable:																	
Operating revenues..... do.	3,013	3,065	2,873	3,053	3,041	3,241	3,009	3,261	3,064	2,949	3,424	2,859	2,950	3,138			
Operating expenses, incl. depreciation..... do.	2,542	2,495	2,510	2,681	2,521	2,509	2,468	2,575	2,627	2,330	2,560	2,186	2,271	2,403			
Net operating revenues..... do.	153	219	45	30	190	305	212	245	99	291	509	370	156	361			
Radiotelegraph:																	
Operating revenues..... do.	4,675	5,077	4,421	5,000	4,824	5,058	4,862	5,117	5,034	5,069	5,546	5,525	5,654	5,901			
Operating expenses, incl. depreciation..... do.	3,676	3,882	3,686	3,724	3,736	3,838	3,736	3,926	3,721	3,822	4,028	4,158	4,339	4,448			
Net operating revenues..... do.	816	982	549	1,092	871	987	895	974	1,096	1,015	1,333	1,195	1,054	1,222			

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

† Revisions for 1962 are in the Aug. 1963 Survey. 2 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic chemicals, production:																
Acetylene.....mil. cu. ft.	1,103	1,148	1,067	1,157	1,129	1,193	1,070	1,123	1,145	1,126	1,208	1,197	1,216	1,154	1,120	
Ammonia, synthetic anhydrous (commercial).....thous. sh. tons	484.1	553.8	501.6	571.4	574.0	598.0	562.4	537.3	528.4	528.4	548.5	586.9	607.5	614.8	583.8	
Carbon dioxide, liquid, gas, and solid.....do.	85.3	88.7	68.3	78.4	89.1	94.8	101.2	108.5	107.7	90.5	93.9	80.5	79.2	79.0	76.0	
Chlorine, gas (100% Cl ₂).....do.	428.6	454.0	406.8	458.6	442.3	454.7	453.8	452.2	469.0	454.4	470.9	469.0	482.0	466.8	456.0	
Hydrochloric acid (100% HCl).....do.	87.7	87.3	77.4	91.7	90.7	88.1	86.0	87.2	88.4	85.5	92.8	88.4	87.2	91.2	94.8	
Nitric acid (100% HNO ₃).....do.	280.8	349.7	341.7	371.5	335.1	338.9	287.8	304.0	325.5	336.4	372.7	405.9	414.6	402.0	402.6	
Oxygen (high purity).....mil. cu. ft.	8,661	10,768	9,145	11,131	11,303	11,920	11,308	10,685	10,140	10,439	10,960	10,892	11,744	12,011	12,311	
Phosphoric acid (100% P ₂ O ₅).....thous. sh. tons	203.9	241.7	218.2	260.2		257.5	269.1	204.4	229.5	238.6	261.7	253.3	263.7	267.9	273.5	
Sodium carbonate (soda ash), synthetic (58% Na ₂ O).....thous. sh. tons	383.9	390.1	348.7	413.2	381.9	419.8	400.0	392.6	399.3	375.2	418.9	400.0	388.0	381.2	394.5	
Sodium bichromate and chromate.....do.	10.6	10.9	10.7	10.9	10.5	11.6	11.8	10.7	11.0	8.9	10.9	11.5	11.3	9.3	10.5	
Sodium hydroxide (100% NaOH).....do.	453.6	474.7	426.9	478.1	463.0	474.5	473.6	476.8	495.5	472.4	497.8	487.9	497.3	490.2	484.2	
Sodium silicate (soluble silicate glass), anhydrous.....thous. sh. tons	46.1	41.9	44.0	53.3	48.5	49.3	45.7	42.6	36.7	45.3	51.0	52.6	42.5	41.4	40.9	
Sodium sulfates (anhydrous, refined; Glauber's salt; crude salt cake).....thous. sh. tons	102.6	100.5	88.4	91.6	104.4	107.8	97.6	100.2	102.6	95.4	106.5	107.7	106.1	106.3	103.2	
Sulfuric acid (100% H ₂ SO ₄).....do.	1,612.6	1,709.8	1,563.4	1,761.4	1,767.8	1,831.3	1,638.0	1,563.2	1,644.4	1,634.4	1,793.5	1,789.3	1,852.8	1,868.4	1,854.3	
Organic chemicals, production: ¹																
Acetic acid (synthetic and natural).....mil. lb.	82.2	87.4	81.6	93.3	85.3	98.1	87.2	83.1	84.7	72.6	95.4	89.5	90.9	92.3	94.0	
Acetic anhydride.....do.	103.5	105.8	84.6	106.9	103.4	112.9	109.7	107.0	103.7	111.6	104.6	106.1	121.0	111.8	101.6	
Acetylsalicylic acid (aspirin).....do.	2.3	2.4	2.2	2.5	2.4	2.5	2.2	2.2	2.1	2.3	2.6	2.6	2.6	2.8	2.6	
Creosote oil.....mil. gal.	7.6	8.2	6.7	7.1	8.4	8.3	9.0	7.4	8.8	9.2	8.6	8.1	8.8	8.2	7.1	
DDT.....mil. lb.	13.9	14.9	15.6	17.7	17.2	16.4	15.6	17.7	14.8	14.3	14.2	11.4	9.4	11.4	12.8	
Ethyl acetate (85%).....do.	8.5	9.2	11.3	8.0	9.7	8.9	10.8	7.9	9.6	8.7	10.0	7.3	9.4	8.8	10.8	
Ethylene glycol.....do.	119.5	121.0	116.9	113.8	117.6	116.6	114.0	118.0	127.8	121.4	132.2	123.1	123.4	121.8	109.1	
Formaldehyde (37% HCHO).....do.	199.8	212.7	186.9	214.0	211.5	217.3	203.8	190.7	218.3	216.4	234.3	226.4	220.4	207.0	205.3	
Glycerin, refined, all grades:																
Production.....do.	20.8	24.8	19.8	22.5	22.0	25.9	26.8	21.5	25.9	26.8	30.2	22.6	30.0	29.1	26.3	
Stocks, end of month.....do.	32.7	23.8	30.3	29.6	27.6	25.5	25.4	20.8	19.1	15.9	16.1	20.5	22.2	22.3	27.5	
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	26.6	26.4	28.8	29.0	27.6	26.3	31.7	28.7	31.4	28.5	30.8	29.6	29.9	
Phthalic anhydride.....mil. lb.	35.6	39.5	32.6	41.0	39.4	40.0	40.4	35.6	37.1	41.4	45.3	40.9	39.5	37.4	37.0	
ALCOHOL																
Ethyl alcohol and spirits:																
Production.....mil. tax gal.	52.9	57.7	52.2	53.4	52.9	61.4	50.4	58.1	49.7	61.7	73.5	58.7	58.9	60.5		
Stocks, end of month.....do.	151.4	171.5	167.3	164.2	163.3	164.7	170.7	175.7	177.2	181.7	180.3	169.8	177.3	179.5		
Used for denaturation.....do.	42.4	44.4	43.2	43.8	45.3	47.0	42.7	42.8	44.0	40.7	47.5	43.9	45.5	49.5		
Taxable withdrawals.....do.	5.3	5.3	4.2	5.3	5.3	5.7	5.5	4.8	5.0	5.8	7.5	5.8	4.3	4.9		
Denatured alcohol:																
Production.....mil. wine gal.	22.9	23.9	23.2	23.6	24.5	25.3	23.0	23.1	23.8	22.0	25.6	23.6	24.5	26.6		
Consumption (withdrawals).....do.	23.0	24.0	22.8	24.8	23.7	25.4	22.9	23.4	24.3	22.0	25.6	24.5	23.8	26.4		
Stocks, end of month.....do.	3.9	3.0	3.5	2.3	3.1	3.0	3.7	3.3	2.8	2.8	2.8	2.0	3.3	3.2		
FERTILIZERS																
Exports, total ².....thous. sh. tons																
Nitrogenous materials.....do.	67	55	92	58	25	80	39	40	60	43	81	64	66	28		
Phosphate materials.....do.	448	580	600	390	493	439	566	547	513	557	1,606	517	524	458		
Potash materials.....do.	71	59	46	57	34	34	23	76	64	81	83	88	66	100		
Imports, total semimanufactures * ³.....do.																
Ammonium nitrate.....do.	167	205	221	201	318	242	147	127	232	207	244	188	200	255	253	
Ammonium sulfate.....do.	18	21	20	19	33	18	15	12	18	19	21	27	20	20		
Potassium chloride.....do.	20	20	27	26	31	33	13	6	21	27	11	11	14			
Potassium nitrate.....do.	39	70	78	88	125	66	24	58	75	111	98	52	65	117		
Sodium nitrate.....do.	36	34	44	8	35	66	62	13	46	14	31	35	39	32		
Potash deliveries (K ₂ O).....do.																
Superphosphate and other phosphatic fertilizers (100% P ₂ O ₅):	197	227	167	284	490	216	49	150	290	161	258	162	189	374		
Production.....thous. sh. tons	232	259	247	271	299	290	232	199	237	237	282	270	288	304	307	
Stocks, end of month.....do.	423	412	490	399	239	256	372	420	446	428	441	457	486	452	443	
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly:																
Black blasting powder.....thous. lb.	1,306	1,284		227			164							323		
High explosives.....do.	277,199	302,665		246,522			315,789			321,379				322,968		
Paints, varnish, and lacquer, factory shipments:																
Total shipments.....mil. \$	152.7	161.6	131.5	152.6	182.2	194.3	183.3	181.4	181.0	164.5	175.6	142.7	121.1	138.8	142.5	
Trade products.....do.	89.8	95.4	73.7	89.2	112.4	119.7	112.4	113.7	114.1	98.8	101.9	78.4	62.1	75.5	80.6	
Industrial finishes.....do.	62.9	66.2	57.8	63.4	69.8	74.6	70.9	67.7	66.9	65.7	73.7	64.3	59.0	63.3	61.9	
Sulfur, native (Frasch) and recovered:																
Production.....thous. lg. tons	489	484	431	482	487	490	504	490	476	473	491	484	495	500		
Stocks (producers'), end of month.....do.	4,832	4,875	4,937	4,919	4,898	4,910	4,955	4,931	4,880	4,844	4,743	4,763	4,760	4,780		
PLASTICS AND RESIN MATERIALS																
Production:																
Cellulose plastic materials.....mil. lb.	13.2	12.7	11.7	13.9	13.2	13.1	13.0	10.9	12.1	12.8	14.0	13.8	12.1	11.6		
Thermosetting resins:																
Alkyd resins.....do.	41.0	46.5	39.3	45.0	47.3	51.0	50.0	46.8	47.7	43.3	47.2	40.5	37.7	44.4		
Coumarone-indene and petroleum polymer resins.....mil. lb.	27.1	25.8	20.1	29.1	24.3	27.3	21.0	21.2	27.0	25.5	30.2	24.9	25.9	26.0		
Polyester resins.....do.	16.8	21.3	18.4	22.0	23.1	23.6	21.4	19.6	21.6	21.2	23.9	21.2	20.4	20.7		
Phenolic and other tar acid resins.....do.	57.4	61.0	53.0	63.3	60.8	63.4	60.5	50.0	63.0	62.8	69.6	62.0	61.7	66.3		
Urea and melamine resins.....do.	39.9	42.2	40.5	44.8	43.4	46.0	42.6	35.0	41.2	42.2	48.5	41.5	38.0	42.7		
Thermoplastic resins:																
Styrene-type plastic materials (polystyrene).....mil. lb.	104.0	124.3	100.5	122.8	123.2	132.5	128.1	114.3	126.6	130.1	136.5	133.2	127.8	132.3		
Vinyl resins (resin content basis).....do.	128.3	149.3	129.4	144.7	147.9	154.8	149.9	134.0	153.7	156.5	168.3	160.5	153.0	150.9		
Polyethylene.....do.	168.0	188.2	159.5	189.3	178.5	196.8	187.0	189.8	189.3	183.3	202.4	200.0	210.1	210.8		

¹ Revised. ² Quarterly average. ³ Beginning Jan. 1963, the estimated totals are based on a new sample indicating higher levels of activity than did the old sample from which totals were estimated. ⁴ Data are reported on the basis of 100% content of the specified material unless otherwise

indicated. ⁵ Includes data not shown separately. *New series. Data exclude some materials (chiefly crudes) shown in the former series. Monthly data prior to Jan. 1963 may be obtained from Bu. of Census reports.

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

ELECTRIC POWER AND GAS

ELECTRIC POWER																
Production (utility and industrial), total ○																
Electric utilities, total..... mil. kw.-hr.	78,624	83,991	77,123	81,530	78,273	81,756	83,665	88,703	89,861	82,892	84,845	82,437	90,302	90,642	84,613	
By fuels..... do.....	71,026	76,167	69,990	73,720	70,535	73,619	75,731	81,000	81,973	75,156	76,712	74,474	82,260	82,328	76,701	
By waterpower..... do.....	57,003	62,379	57,323	58,455	55,681	58,102	61,756	66,827	68,440	63,144	64,491	61,769	67,653	67,834	62,906	
Privately and municipally owned util..... do.....	14,024	13,788	12,668	15,266	14,854	15,517	13,975	14,173	13,533	12,012	12,222	12,705	14,607	14,495	13,795	
Other producers (publicly owned)..... do.....	57,725	62,095	56,543	59,661	57,451	59,937	62,045	66,287	67,161	61,760	63,181	60,837	66,459	67,024	62,143	
Industrial establishments, total..... do.....	13,301	14,073	13,447	14,059	13,084	13,681	13,686	14,713	14,812	13,387	13,531	13,637	15,802	15,304	14,558	
By fuels..... do.....	7,597	7,824	7,133	7,810	7,738	8,138	7,935	7,703	7,887	7,735	8,133	7,963	8,042	8,313	7,912	
By waterpower..... do.....	7,313	7,555	6,842	7,486	7,424	7,807	7,653	7,474	7,665	7,533	7,917	7,722	7,770	8,019	7,621	
By waterpower..... do.....	284	270	290	324	314	331	281	229	222	202	215	241	272	294	291	
Sales to ultimate customers, total (EEI)..... do.....	64,674	69,234	68,668	67,920	65,923	66,095	67,803	70,509	73,018	72,079	69,516	68,309	71,364	75,196		
Commercial and industrial:																
Small light and power..... do.....	12,008	13,387	12,018	12,076	12,052	12,352	13,503	14,938	15,639	15,097	13,706	13,095	14,093	14,165		
Large light and power..... do.....	31,160	32,856	30,959	31,982	32,278	33,033	33,304	33,081	33,871	33,790	34,279	33,463	32,593	32,993		
Railways and railroads..... do.....	393	389	430	435	378	372	346	351	358	348	373	378	452	439		
Residential or domestic..... do.....	18,868	20,141	22,756	21,050	18,888	18,006	18,304	19,752	20,600	20,356	18,553	18,793	21,630	24,032		
Street and highway lighting..... do.....	612	646	669	652	604	566	541	551	591	631	691	735	773	780		
Other public authorities..... do.....	1,529	1,683	1,739	1,601	1,600	1,616	1,647	1,673	1,707	1,706	1,776	1,719	1,716	1,769		
Interdepartmental..... do.....	104	133	97	123	123	149	157	163	161	152	138	126	108	118		
Revenue from sales to ultimate customers (Edison Electric Institute)..... mil. \$.	1,085.4	1,141.4	1,150.1	1,119.5	1,087.0	1,088.3	1,121.6	1,167.3	1,200.7	1,187.8	1,136.2	1,119.0	1,161.7	1,217.2		
GAS																
Manufactured and mixed gas (quarterly): ♂ †																
Customers, end of quarter, total ♀..... thous.	1,922			1,901			1,839			1,197						
Residential..... do.....	1,800			1,780			1,724			1,114						
Industrial and commercial..... do.....	122			120			114			83						
Sales to consumers, total ♀..... mil. therms.	530			931			441			214						
Residential..... do.....	370			723			285			100						
Industrial and commercial..... do.....	157			202			153			112						
Revenue from sales to consumers, total ♀..... mil. \$.	67.3			112.3			56.9			26.6						
Residential..... do.....	51.3			90.4			42.3			16.9						
Industrial and commercial..... do.....	15.7			21.4			14.5			9.6						
Natural gas (quarterly): ♂ †																
Customers, end of quarter, total ♀..... thous.	32,674			33,449			33,336			33,989						
Residential..... do.....	30,014			30,668			30,628			31,286						
Industrial and commercial..... do.....	2,624			2,740			2,671			2,666						
Sales to consumers, total ♀..... mil. therms.	25,045			35,950			23,964			19,504						
Residential..... do.....	8,466			17,004			6,924			2,966						
Industrial and commercial..... do.....	15,321			17,308			15,982			15,297						
Revenue from sales to consumers, total ♀..... mil. \$.	1,541.3			2,436.3			1,417.6			1,002.5						
Residential..... do.....	847.7			1,537.4			733.4			401.7						
Industrial and commercial..... do.....	651.0			837.4			648.1			561.8						

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES															
Beer:															
Production..... mil. bbl.	8.07	8.39	6.60	8.11	9.14	9.81	9.67	10.83	9.38	7.42	7.93	6.85	7.31	7.63	7.50
Taxable withdrawals..... do.....	7.60	7.82	5.75	7.22	8.12	8.96	8.81	10.22	9.26	7.37	7.95	6.73	7.05	6.74	6.42
Stocks, end of month..... do.....	10.46	10.76	10.43	10.82	11.27	11.49	11.77	11.70	11.18	10.72	10.19	9.85	9.67	10.08	10.68
Distilled spirits (total):															
Production..... mil. tax gal.	12.90	12.50	12.96	14.26	14.34	15.13	10.79	6.82	8.52	9.42	15.99	13.39	14.18	13.89	
Consumption, apparent, for beverage purposes..... mil. wine gal.	21.14	21.58	16.99	22.00	18.97	22.32	20.24	19.98	20.12	19.46	24.45	25.89	30.92	18.49	
Taxable withdrawals..... mil. tax gal.	10.27	10.34	8.37	10.18	10.12	11.12	10.76	9.25	10.02	11.11	14.57	11.36	8.56	9.34	
Stocks, end of month..... do.....	882.72	876.90	881.44	882.88	884.21	885.58	883.31	878.48	874.49	869.81	867.44	865.87	870.00	871.77	
Imports..... mil. proof gal.	3.60	3.82	2.86	3.47	3.27	3.62	3.26	3.49	3.35	3.94	5.71	5.37	4.87	3.03	
Whisky:															
Production..... mil. tax gal.	9.41	8.74	10.47	11.04	10.99	10.69	7.06	3.40	5.06	5.80	10.13	8.49	9.99	10.38	
Taxable withdrawals..... do.....	7.18	7.08	6.10	7.05	6.69	7.10	6.78	5.63	6.46	8.02	10.85	8.35	5.91	6.46	
Stocks, end of month..... do.....	859.13	852.54	856.70	858.20	860.36	861.64	859.77	855.34	851.80	846.88	843.02	840.03	842.40	844.01	
Imports..... mil. proof gal.	3.18	3.35	2.53	3.04	2.86	3.21	2.90	2.99	2.92	3.38	5.04	4.83	4.19	1.57	
Rectified spirits and wines, production, total..... mil. proof gal.	7.20	7.24	5.58	7.01	7.10	7.72	7.37	6.23	6.73	7.74	10.88	8.15	5.87	6.35	
Whisky..... do.....	5.33	5.19	4.16	5.13	5.20	5.60	5.23	4.42	4.62	5.68	8.35	6.24	4.15	4.33	
Wines and distilling materials:															
Effervescent wines:															
Production..... mil. wine gal.	.37	.40	.48	.47	.41	.39	.54	.21	.36	.34	.45	.37	.44	.43	
Taxable withdrawals..... do.....	.32	.35	.19	.24	.28	.32	.31	.22	.31	.39	.54	.37	.59	.34	
Stocks, end of month..... do.....	2.79	3.00	2.75	2.96	3.07	3.12	3.31	3.28	3.29	3.21	3.07	2.86	2.65	2.71	
Imports..... do.....	.09	.09	.05	.05	.07	.09	.06	.05	.05	.09	.18	.14	.15	.06	
Still wines:															
Production..... do.....	15.78	16.85	3.41	2.94	2.45	2.36	1.84	2.01	3.04	45.43	108.68	21.47	4.76	2.73	
Taxable withdrawals..... do.....	12.52	13.11	12.19	14.87	13.04	13.37	12.77	9.57	12.84	12.52	15.56	14.07	13.71	13.57	
Stocks, end of month..... do.....	178.85	185.04	201.99	191.37	174.43	160.15	142.49	134.11	120.84	155.87	246.45	249.05	229.08	213.89	
Imports..... do.....	1.08	1.11	.86	1.05	1.20	1.11	1.00	1.00	.97	1.07	1.92	1.47	1.18	.79	
Distilling materials produced at wineries..... do.....	31.27	39.37	2.05	1.95	8.44	15.56	11.57	8.38	9.98	118.07	202.64	70.11	18.48	5.10	

† Revised. * Revision for Jan. 1963: 17.65 mil. wine gal.
 ○ Revisions for Jan.-Dec. 1962 appear on p. 24 of the Mar. 1964 SURVEY.
 ♂ The averages shown for gas are quarterly averages.

† Revised data for 1st and 2d qtrs. of 1962 appear in the Sept. 1963 SURVEY.
 ♀ Includes data not shown separately.

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

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

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

DAIRY PRODUCTS																
Butter, creamery:																
Production (factory)†.....mil. lb.	127.9	116.8	120.7	133.7	138.2	153.6	141.0	114.8	94.7	84.3	90.6	89.6	109.5	126.9	121.7	
Stocks, cold storage, end of month.....do.	363.4	328.4	328.3	345.5	356.7	377.0	401.4	392.6	367.0	328.7	284.5	241.3	207.0	187.1	191.2	188.4
Price, wholesale, 92-score (N. Y.).....\$ per lb.	.594	.590	.586	.586	.587	.586	.586	.587	.590	.603	.596	.593	.593	.587	.587	.586
Cheese:																
Production (factory), total†.....mil. lb.	132.1	135.6	110.1	130.0	145.1	171.8	175.2	150.5	139.8	127.0	122.5	115.7	124.5	124.2	124.0	
American, whole milk†.....do.	91.1	93.8	72.0	85.8	103.1	126.9	130.7	111.7	99.7	86.6	81.6	73.7	78.3	83.3	82.5	
Stocks, cold storage, end of month, total.....do.	463.4	385.0	360.0	343.4	354.8	384.3	416.0	430.9	435.2	407.9	378.2	363.3	340.7	318.1	301.6	285.6
American, whole milk.....do.	420.4	344.9	325.4	309.3	317.2	343.5	373.9	394.8	390.6	363.9	336.9	323.7	301.6	279.2	263.7	260.6
Imports.....do.	6.5	6.9	6.4	9.2	9.0	7.8	6.6	5.7	3.8	5.1	7.5	9.7	8.4	6.6		
Price, wholesale, American, single datsies (Chicago).....\$ per lb.	.400	.426	.422	.424	.425	.423	.427	.428	.428	.428	.432	.432	.432	.430	.430	.422
Condensed and evaporated milk:																
Production, case goods:†																
Condensed (sweetened).....mil. lb.	6.1	6.6	4.5	6.2	6.9	8.2	7.7	8.8	9.6	6.9	4.0	4.0	7.1	6.0	5.6	
Evaporated (unsweetened).....do.	160.7	155.8	123.8	146.2	190.0	204.0	199.6	182.0	171.6	136.5	128.1	120.2	131.7	139.0	144.8	
Stocks, manufacturers', case goods, end of mo.:																
Condensed (sweetened).....mil. lb.	5.0	6.6	5.1	5.3	5.5	6.8	7.8	9.0	10.4	6.2	5.7	6.5	5.8	5.9	6.1	
Evaporated (unsweetened).....do.	178.4	156.8	93.0	59.7	93.4	141.1	194.2	223.5	243.1	231.8	199.8	150.8	131.7	96.8	82.6	
Exports:																
Condensed (sweetened).....do.	4.0	5.0	3.2	4.0	3.0	4.1	7.0	5.2	9.3	5.9	7.9	3	7.0	3.3		
Evaporated (unsweetened).....do.	5.5	5.2	2.6	4.6	8.5	5.5	10.7	4.5	3.3	10.0	3.3	3.8	2.9	2.5		
Price, manufacturers' average selling:																
Evaporated (unsweetened).....\$ per case.	6.11	6.01	6.03	6.02	6.03	6.03	6.02	6.00	6.00	6.00	6.00	5.99	6.00	6.00	5.98	
Fluid milk:																
Production on farms.....mil. lb.	10,502	10,399	9,470	10,879	11,196	12,315	11,841	10,861	10,130	9,558	9,557	9,205	9,706	10,066	9,842	11,007
Utilization in mfd. dairy products.....do.	5,216	5,048	4,598	5,308	5,788	6,541	6,385	5,609	4,958	4,178	4,129	3,845	4,427	4,865	4,876	
Price, wholesale, U.S. average.....\$ per 100 lb.	4.11	.411	4.17	4.05	3.87	3.77	3.71	3.90	4.07	4.27	4.42	4.47	4.41	4.34	4.25	4.14
Dry milk:																
Production:†																
Dry whole milk.....mil. lb.	6.6	6.6	8.0	6.6	5.4	7.0	6.0	6.2	5.9	6.9	6.7	5.5	5.8	8.0	6.6	
Nonfat dry milk (human food).....do.	185.5	177.6	166.4	193.5	217.9	257.0	247.2	189.7	151.2	121.1	123.6	130.1	159.1	177.3	179.8	
Stocks, manufacturers', end of month:																
Dry whole milk.....do.	6.3	5.7	6.8	5.2	5.2	5.5	6.5	6.5	5.5	4.8	5.0	5.3	5.3	6.1	5.8	
Nonfat dry milk (human food).....do.	123.4	95.0	91.9	86.3	98.5	124.1	136.5	115.9	99.3	82.1	63.0	64.3	81.5	80.9	86.1	
Exports:																
Dry whole milk.....do.	1.1	3.6	15.6	3.7	3.9	1.6	.8	1.7	4.7	2.6	2.0	1.6	2.9	2.1		
Nonfat dry milk (human food).....do.	25.5	43.4	24.2	63.7	52.6	51.9	50.6	48.4	47.9	39.2	41.9	53.6	38.0	27.4		
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.148	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.146	.146	.146	
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat).....mil. bu.	96.9	103.4	99.4	106.8	118.9	133.7	100.5	98.2	84.6	92.9	115.6	125.6	130.7	123.5		
Barley:																
Production (crop estimate).....do.	1436.4	1399.9														
Stocks (domestic), end of quarter, total.....do.	2284.8	2284.0		233.8			3146.8				426.0			329.2		
On farms.....do.	2160.8	2165.0		130.9			367.6				262.6			198.1		
Off farms.....do.	2124.0	2118.9		102.9			379.3				163.4			130.2		
Exports, including malt§.....do.	8.3	4.8	4.7	3.2	2.2	8.0	5.3	1.7	4.2		5.5	4.8	7.7	5.5		
Price, wholesale (Minneapolis):																
No. 2, malting.....\$ per bu.	1.26	1.19	1.18	1.20	1.22	1.25	1.24	1.14	1.11	1.18	1.22	1.21	1.18	1.18	1.16	1.18
No. 3, straight.....do.	1.20	1.11	1.12	1.14	1.14	1.16	1.14	1.05	1.02	1.09	1.14	1.11	1.09	1.10	1.09	1.10
Corn:																
Production (crop estimate, grain only).....mil. bu.	13,637	14,081														
Grindings, wet process.....do.	14.3	15.4	13.0	15.5	15.1	15.6	15.5	16.7	16.4	15.3	16.8	16.7	14.4	15.9	15.9	17.4
Stocks (domestic), end of quarter, total.....mil. bu.	22,929	2,795		3,037			2,115				3,316			4,353		
On farms.....do.	21,807	1,779		1,998			1,386				3,514			3,217		
Off farms.....do.	21,122	927		1,040			729				3,801			1,137		
Exports, including meal and flour.....do.	35.5	36.6	33.1	36.5	41.3	39.5	43.1	35.6	26.6		28.0	33.5	55.7	54.7		
Prices, wholesale:																
No. 3, yellow (Chicago).....\$ per bu.	1.11	1.24	1.19	1.22	1.20	1.23	1.29	1.32	1.32	1.35	1.18	1.15	1.19	1.22	1.19	1.21
Weighted avg., 5 markets, all grades.....do.	1.08	1.20	1.17	1.16	1.14	1.16	1.25	1.26	1.25	1.26	1.19	1.16	1.19	1.20	1.18	1.21
Oats:																
Production (crop estimate).....mil. bu.	11,020	1,981														
Stocks (domestic), end of quarter, total.....do.	2,628	2,620		488			3,274				946			773		
On farms.....do.	2,553	2,545		427			2,232				833			688		
Off farms.....do.	274	275		62			343				113			85		
Exports, including oatmeal.....do.	2.5	.9	.7	1.0	.6	1.5	1.0	1.6	1.2	.8	.6	.2	.2	.2		
Price, wholesale, No. 2, white (Chicago)†.....\$ per bu.	.71	.73	.76	.76	.74	.73	.72	.68	.68	.71	.71	.72	.74	.75	.71	.68
Rice:																
Production (crop estimate).....mil. bags ♀	166.0	170.1														
California mills:																
Receipts, domestic, rough.....mil. lb.	126	122	140	154	165	128	83	59	66	61	271	81	70	206	138	
Shipments from mills, milled rice.....do.	79	85	146	90	140	114	53	52	54	45	62	46	84	89	187	
Stocks, rough and cleaned (cleaned basis), end of month.....mil. lb.	97	132	128	152	128	101	103	90	78	75	192	200	168	232	143	
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers.....mil. lb.	364	438	218	206	142	60	62	115	836	1,679	1,113	377	295	329	192	
Shipments from mills, milled rice.....do.	255	270	334	290	239	198	234	218	234	332	357	264	329	379	386	
Stocks, domestic, rough and cleaned (cleaned basis), end of month.....mil. lb.	866	957	1,015	870	729	583	388	255	570	1,340	1,235	1,710	1,592	1,447	1,197	
Exports.....do.	193	219	255	352	307	232	101	245	97	87	197	203	357	314		
Price, wholesale, Nato, No. 2 (N.O.).....\$ per lb.	.094	.093	.098	.098	.095	.095	.095	.095	.090	.087	.088	.088	.088	.088	.088	
Rye:																
Production (crop estimate).....mil. bu.	140.8	129.4														
Stocks (domestic), end of quarter, total.....do.	19.9	215.0		15.2			3,690							14.8		
Price, wholesale, No. 2 (Minneapolis).....\$ per bu.	1.22	1.30	1.25	1.23	1.26	1.21	1.22	1.21	1.22	23.1	1.45	1.44	1.42	1.48	1.38	1.34

† Revised. ‡ Preliminary. § Crop estimate for the year. ¶ Quarterly average. Ⓜ Old crop only; new crop not reported until beginning of new crop year (July for barley, oats, rye, and wheat; Oct. for corn). Ⓝ Revisions for Jan. 1961-June 1962 for cheese and nonfat dry milk and those for Jan.-June 1962 for butter, condensed and evaporated milk, and dry whole milk are available upon request. Revisions for July-Dec. 1962 appear in the Sept.

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

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

GRAIN AND GRAIN PRODUCTS—Con.																
Wheat:																
Production (crop estimate), total..... mil. bu.	1,094	1,138														
Spring wheat..... do.	1,273	1,233														
Winter wheat..... do.	1,821	1,905														
Distribution (quarterly total)..... do.	2,316	2,336		315				311			392			328		
Stocks (domestic), end of quarter, total..... do.	2,713	2,564		1,504				1,195			1,941			1,614		
On farms..... do.	2,259	2,252		1,195				895			1,409			1,309		
Off farms..... do.	1,453	1,312		1,309				1,100			1,533			1,305		
Exports, total, including flour..... do.	49.2	59.9	58.3	64.8	74.0	83.2	49.1	58.7	52.1	57.4	75.5	61.0	68.9	470.5		
Wheat only..... do.	43.0	53.5	51.5	55.1	67.7	74.5	39.1	54.8	47.6	51.5	70.4	55.1	60.0	66.0		
Prices, wholesale:																
No. 1, dark northern spring (Minneapolis) \$ per bu.	2.48	2.42	2.52	2.47	2.46	2.41	2.50	2.31	2.26	2.36	2.43	2.39	2.37	2.37	2.32	2.25
No. 2, hd. and dk. hd. winter (Kans. City)..... do.	2.19	2.20	2.30	2.33	2.37	2.28	2.03	2.01	2.03	2.09	2.20	2.21	2.23	2.24	2.23	2.17
Weighted avg., 6 markets, all grades..... do.	2.41	2.33	2.47	2.45	2.44	2.38	2.18	2.12	2.19	2.29	2.37	2.34	2.31	2.31	2.27	2.19
Wheat flour:																
Production:																
Flour..... thous. sacks (100 lb.)	21,839	21,991	20,700	22,296	21,570	22,542	20,421	21,687	22,886	21,409	24,649	22,220	21,399	23,519	21,218	
Operations, percent of capacity..... do.	92.4	94.7	95.4	97.6	90.0	94.0	93.6	90.4	95.3	97.9	98.0	101.6	91.8	97.5	96.8	
Offal..... thous. sh. tons.	406	410	382	410	398	414	377	398	425	400	497	412	393	433	390	
Grindings of wheat..... thous. bu.	49,613	49,976	47,017	50,550	49,005	51,105	46,520	49,215	51,990	48,798	56,105	50,558	48,599	53,494	47,872	
Stocks held by mills, end of quarter..... thous. sacks (100 lb.)	4,584	4,712		5,116				4,383			4,528			4,823		
do..... do.	2,686	2,808		4,196		2,713		3,789		4,336	1,702		1,937	2,570		3,878
Exports..... do.			2,953	4,196	2,713	3,789	4,336	1,702	1,937	2,570	2,232	2,550	3,878	1,912		
Prices, wholesale:																
Spring, standard patent (Minneapolis) \$ per 100 lb.	5.909	5.639	5.825	5.788	5.913	5.775	5.650	5.388	5.013	5.550	5.725	5.738	5.538	5.538	5.538	5.538
Winter, hard, 95% patent (Kans. City)..... do.	5.621	5.365	5.550	5.517	5.767	5.533	5.233	4.967	4.900	5.283	5.467	5.450	5.233	5.233	5.248	5.248
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves..... thous. animals	415	378	361	410	373	330	282	341	366	395	462	385	400	412	342	
Cattle..... do.	1,695	1,805	1,558	1,694	1,727	1,875	1,752	1,838	1,900	1,829	2,092	1,793	1,808	2,013	1,710	
Receipts (salable) at 27 public markets..... do.	1,225	1,173	952	996	1,196	1,061	907	1,185	1,167	1,287	1,592	1,283	1,205	1,190	969	1,141
Shipments, feeder, to 8 corn-belt States..... do.	695	551	234	350	487	390	294	342	468	717	1,281	1,133	578	525	319	
Prices, wholesale:																
Beef steers (Chicago) \$ per 100 lb.	27.20	23.79	24.69	23.30	23.51	22.43	22.54	24.56	24.47	23.80	23.97	23.38	22.16	22.38	21.18	21.38
Steers, stocker and feeder (Kansas City)..... do.	24.53	22.95	23.89	23.45	24.12	23.50	22.74	23.19	23.67	22.71	22.38	21.53	20.06	21.17	21.57	21.42
Calves, vealers (Natl. Stockyards, Ill.)..... do.	29.75	30.00	32.00	34.50	30.00	31.00	28.00	27.00	27.50	28.50	27.50	30.50	30.50	31.49		
Hogs:																
Slaughter (federally inspected)..... thous. animals	5,648	5,965	5,665	6,559	6,343	5,910	4,880	4,995	5,174	5,868	6,775	6,380	6,695	6,956	5,898	
Receipts (salable) at 27 public markets..... do.	1,650	1,646	1,555	1,686	1,797	1,610	1,411	1,465	1,393	1,573	1,846	1,726	1,874	1,828	1,511	1,635
Prices:																
Wholesale, average, all grades (Chicago) \$ per 100 lb.	16.44	15.03	14.85	13.78	13.52	14.73	16.36	17.20	16.60	15.53	15.29	14.39	13.76	14.22	14.37	14.22
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)	16.4	13.6	14.0	12.9	12.6	13.0	13.8	14.4	13.9	12.7	14.1	13.9	12.6	13.2	13.2	12.7
Sheep and lambs:																
Slaughter (federally inspected)..... thous. animals	1,224	1,163	1,053	1,137	1,116	1,062	972	1,201	1,204	1,236	1,441	1,112	1,105	1,296	980	
Receipts (salable) at 27 public markets..... do.	524	444	381	390	396	354	350	470	442	601	640	419	406	394	294	304
Shipments, feeder, to 8 corn-belt States..... do.	224	200	84	98	137	211	115	122	223	428	457	213	122	146	143	
Prices, wholesale:																
Lambs, average (Chicago) \$ per 100 lb.	19.45	18.69	18.50	18.75	18.25	21.25	20.00	16.50	16.50	18.75	18.25	18.88	19.38	19.50	21.12	22.25
Lambs, feeder, good and choice (Omaha)..... do.	15.57	17.46	17.44	17.46	17.50	(^e)	19.74	17.80	16.84	16.84	16.52	16.44	(^e)	(^e)	(^e)	(^e)
MEATS AND LARD																
Total meats:																
Production (carcass weight, leaf lard in), inspected slaughter..... mil. lb.	2,151	2,292	2,062	2,323	2,323	2,351	2,078	2,156	2,187	2,245	2,582	2,366	2,450	2,662	2,252	
Stocks (excluding lard), cold storage, end of month..... mil. lb.	481	592	557	637	686	661	623	579	522	523	541	623	653	729	773	794
Exports (meat and meat preparations)..... do.	42	45	48	51	41	46	42	38	42	47	58	62	49	60		
Imports (meat and meat preparations)..... do.	109	123	145	131	96	122	105	144	143	144	132	112	121	119		
Beef and veal:																
Production, inspected slaughter..... do.	1,046.6	1,137.4	989.5	1,084.0	1,106.0	1,194.5	1,112.8	1,156.6	1,187.3	1,136.8	1,291.2	1,117.8	1,137.9	1,292.8	1,119.3	
Stocks, cold storage, end of month..... do.	163.5	217.2	188.8	201.6	197.4	194.0	197.3	200.1	208.8	228.2	246.1	279.5	287.6	297.5	282.1	280.2
Exports..... do.	2.3	2.3	2.0	2.1	1.9	1.8	1.7	1.9	2.7	2.8	3.2	2.9	2.4	3.5		
Imports..... do.	79.0	92.4	98.9	93.1	62.6	88.2	78.6	110.1	116.1	120.1	105.0	88.7	89.9	88.8		
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York) \$ per lb.	.464	.417	.437	.408	.408	.409	.402	.420	.422	.426	.417	.404	.391	.398	.381	.378
Lamb and mutton:																
Production, inspected slaughter..... mil. lb.	57.9	55.6	53.1	57.0	55.1	51.2	44.6	55.0	55.7	57.4	67.3	52.5	53.2	63.9	49.6	
Stocks, cold storage, end of month..... do.	14.3	19.5	21.0	22.8	23.7	21.4	19.8	19.9	19.8	18.0	17.8	17.2	18.6	18.3	18.3	16.3
Pork (including lard), production, inspected slaughter..... mil. lb.	1,046.5	1,099.0	1,019.6	1,182.5	1,161.9	1,104.9	920.4	944.2	943.5	1,050.6	1,223.4	1,195.7	1,259.2	1,305.6	1,082.8	
Pork (excluding lard):																
Production, inspected slaughter..... do.	806.0	856.6	798.8	924.7	901.1	852.6	708.0	731.4	735.3	823.7	959.3	939.2	987.4	1,017.1	854.4	
Stocks, cold storage, end of month..... do.	235.9	279.2	275.4	332.6	374.5	356.3	322.5	274.0	220.0	210.4	208.9	250.2	276.7	332.8	382.3	397.7
Exports..... do.	5.3	11.5	10.8	14.1	10.5	13.0	11.5	8.1	6.5	9.7	14.4	15.1	16.5	22.9		
Imports..... do.	17.0	17.6	20.4	21.2	18.7	19.7	14.5	20.0	14.3	14.8	19.1	16.2	18.6	16.7		
Prices, wholesale:																
Hams, smoked, composite \$ per lb.	7.491	.464	.468	.443	.431	.440	.458	.478	.488	.465	.463	.472	.480	.458		
Fresh loins, 8-12 lb. average (New York)..... do.	.475	.443	.426	.396	.380	.407	.470	.495	.498	.478	.461	.427	.417	.438	.413	.409
Lard:																
Production, inspected slaughter..... mil. lb.	175.3	176.4	161.1	186.7	189.2	184.0	155.3	155.0	151.3	165.1	191.3	187.1	198.4	209.4	173.0	
Stocks, dry and cold storage, end of mo..... do.	98.9	123.1	146.2	166.7	162.3	147.3	136.3	113.9	88.3	81.2	75.2	92.4	119.4	105.7	124.9	
Exports..... do.	35.2	44.8	37.6	40.5	60.2	70.1	24.2	52.4	64.8	53.2	47.6	35.2	32.7	62.7		
Price, wholesale, refined (Chicago)..... \$ per lb.	.125	.122	.120	.115	.114	.113	.115	.118	.125	.123	.131	.143	.125	.127		

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

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

POULTRY AND EGGS																
Poultry:																
Slaughter (commercial production).....mil. lb.	578	606	416	454	502	572	558	642	703	735	833	688	627	557	404	
Stocks, cold storage (frozen), end of month, total mil. lb.	306	295	291	251	210	185	178	193	256	363	490	426	364	359	320	265
Turkeys.....do.....	199	184	176	153	117	96	89	101	155	251	361	288	217	215	188	149
Price, in Georgia producing area, live broilers \$ per lb.	.144	.138	.153	.147	.145	.140	.135	.140	.135	.129	.128	.137	.125	.139	.141	.140
Eggs:																
Production on farms.....mil. cases	14.5	14.6	13.4	15.8	15.7	15.9	14.8	14.6	14.3	13.7	14.3	14.2	14.7	14.8	14.4	16.0
Stocks, cold storage, end of month:																
Shell.....thous. cases	186	132	29	51	56	200	274	236	206	154	137	111	67	137	78	34
Frozen.....mil. lb.	82	73	38	38	58	83	103	108	105	95	80	68	55	44	40	44
Price, wholesale, extras, large (delivered; Chicago) \$ per doz.	.334	.343	.370	.346	.299	.280	.289	.321	.337	.395	.375	.376	.372	.387	.320	.326
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells).....thous. lg. tons.	23.8	23.5	46.8	29.3	39.5	21.5	23.4	14.4	17.0	19.3	19.3	13.8	21.0	26.7		
Price, wholesale, Accra (New York).....\$ per lb.	.208	.253	.246	.239	.255	.276	.256	.245	.245	.256	.276	.255	.261	.262	.232	.236
Coffee (green):																
Inventories (roasters', importers', dealers'), end of quarter.....thous. bags	3,355	3,937		3,518			3,435			4,008			4,787			
Roastings (green weight), quarterly total.....do.	5,669	5,704		6,078			5,357			5,074			6,306			
Imports, total.....do.	2,041	1,991	2,238	2,157	2,246	1,799	1,332	2,016	1,888	2,168	2,486	2,181	2,143	1,977		
From Brazil.....do.	758	777	851	858	655	547	520	850	745	909	949	1,026	982	718		
Price, wholesale, Santos, No. 4 (New York) \$ per lb.	.344	.345	.338	.335	.335	.333	.342	.338	.335	.335	.353	.380	.380	.480	.465	.505
Confectionery, manufacturers' sales.....mil. \$.	104	110	110	106	94	89	82	74	95	154	146	133	120	129	120	
Fish:																
Stocks, cold storage, end of month.....mil. lb.	180	206	175	154	159	171	186	219	230	236	243	249	244	220	178	162
Sugar:																
Cuban stocks, raw, end of month thous. Spanish tons.	1,424	734	865	1,625	1,690	1,325	890	690	550	465	275	175	25	130	625	1,345
United States:																
Deliveries and supply (raw basis):\$																
Production and receipts:																
Production.....thous. sh. tons.	273	314	149	90	56	113	72	64	98	146	750	938	939			
Entries from off-shore, total.....do.	550	540	820	409	535	771	404	451	516	230	424	241	124	1,436		
Hawaii and Puerto Rico.....do.	166	159	133	175	211	280	203	246	179	98	150	94	56	187		
Deliveries, total.....do.	821	836	602	922	886	1,030	595	807	921	960	968	639	952			
For domestic consumption.....do.	813	832	598	918	887	1,027	592	799	917	958	967	637	950			
Stocks, raw and refined, end of month.....do.	1,599	1,673	2,127	1,826	1,622	1,401	1,542	1,504	1,273	1,023	1,273	1,920	2,468	2,509		
Exports, raw and refined.....sh. tons.	259	342	137	241	465	316	145	486	186	154	209	1,127	352	585		
Imports:																
Raw sugar, total.....thous. sh. tons.	359	358	365	379	369	375	465	419	405	379	351	214	423	163		
From Republic of the Philippines.....do.	102	91	86	92	121	102	139	118	134	101	90	9	94	68		
Refined sugar, total.....do.	25	14	15	6	5	14	16	8	5	42	19	19	14	2		
Prices (New York):																
Raw, wholesale.....\$ per lb.	.065	.081	.068	.069	.083	.109	.092	.077	.065	.073	.092	.095	.084	.095	.082	.073
Refined:																
Retail (incl. N.E. New Jersey).....\$ per 5 lb.	.569	.688	.586	.591	.597	.639	.833	.803	.753	.681	.675	.750	.771	.769	.774	
Wholesale (excl. excise tax).....\$ per lb.	.089	.111	.093	.095	.100	.127	.139	.121	.108	.099	.114	.127	.122	.125		
Tea, imports.....thous. lb.	10,808	10,590	12,202	14,808	12,276	12,285	7,155	9,493	7,717	11,011	13,439	10,571	8,851	10,823		
Baking or frying fats (incl. shortening):																
Production.....mil. lb.	224.0	211.1	207.0	198.7	186.2	216.6	210.7	186.7	211.4	214.5	258.1	228.8	203.0	207.1	209.8	
Stocks (producers' and warehouse), end of month mil. lb.	173.5	132.3	171.4	167.2	147.7	130.0	132.0	115.5	112.0	103.7	103.4	104.2	119.3	114.2	113.4	
Salad or cooking oils:																
Production.....do.	211.0	191.0	205.0	225.2	182.0	188.7	195.7	197.2	190.5	183.9	187.5	177.0	183.2	175.6	199.9	
Stocks (producers' and warehouse), end of month mil. lb.	245.0	248.7	281.5	220.5	273.3	262.1	307.1	292.5	258.2	210.2	(*)	160.0	145.1	137.5	124.7	
Margarine:																
Production.....do.	143.8	145.4	148.0	141.0	132.4	140.3	125.9	125.2	136.7	148.6	161.3	147.9	163.1	181.4	159.4	
Stocks (producers' and warehouse), end of month mil. lb.	39.0	45.8	52.4	59.4	52.2	46.4	46.2	40.8	41.7	40.8	44.1	40.8	36.4	42.7	46.7	
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		
FATS, OILS, AND RELATED PRODUCTS																
Animal and fish fats:Δ																
Tallow, edible:																
Production (quantities rendered).....mil. lb.	35.8	41.4	42.5	41.1	39.3	46.1	41.3	38.7	45.4	39.7	42.5	42.8	38.5	41.3	46.3	
Consumption in end products.....do.	30.7	33.6	28.3	29.7	30.6	37.6	36.5	35.9	39.5	35.9	36.5	37.7	28.8	30.2	37.2	
Stocks (factory and warehouse), end of month mil. lb.	25.7	41.3	43.3	46.9	50.0	53.5	49.1	47.4	39.1	33.9	29.8	29.0	35.6	35.7	36.4	
Tallow and grease (except wool), inedible:																
Production (quantities rendered).....do.	287.8	317.2	291.0	307.7	308.9	338.8	312.3	309.2	330.5	304.5	350.3	327.3	319.9	363.3	336.4	
Consumption in end products.....do.	150.6	150.7	151.1	146.4	151.0	169.3	149.0	127.4	157.5	145.6	167.0	140.1	141.8	156.9	147.2	
Stocks (factory and warehouse), end of month mil. lb.	384.7	385.9	430.0	434.3	427.4	379.0	336.1	349.3	354.6	333.6	353.0	372.8	386.2	387.3	421.5	
Fish and marine mammal oils:																
Production.....do.	21.3	15.3	.3	.4	6.1	34.4	28.0	29.4	34.2	19.8	14.2	10.0	6.1	.7	.2	
Consumption in end products.....do.	8.2	7.4	7.4	7.0	7.5	7.2	7.6	8.4	7.0	7.0	8.1	7.2	6.5	6.5	6.9	
Stocks (factory and warehouse), end of month mil. lb.	144.0	166.5	163.5	156.0	122.1	158.4	184.7	165.0	176.5	181.5	159.0	197.1	168.4	129.8	110.5	

* Revised. † Preliminary. ‡ Beginning Jan. 1963, includes data for Alaska and Hawaii. § Quarterly average. ¶ Effective Sept. 1963, includes small amounts of refined sugar, tinctured, colored, or adulterated. †† Not available. ‡‡ Beginning March 1963, includes General Services Administration stocks no longer required for the strategic stockpile; not comparable with earlier data. ††† Includes a significant amount described as "contaminated."

○ Cases of 30 dozen. ♂ Bags of 132.276 lb. ¶ Includes data not shown separately; see also note "\$". § Monthly data reflect cumulative revisions for prior periods. † For data on lard, see p. S-28. ‡ Revisions for Jan.-June 1962 appear in the Sept. 1963 SURVEY.

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

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	23.4	21.0	24.7	22.4	23.3	34.5	26.3	31.3	33.5	39.4	29.8	30.0	30.0	
Refined.....do.	44.3	46.2	42.3	45.0	46.2	54.1	49.9	46.1	50.1	45.3	47.1	44.5	41.5	41.2	41.6	
Consumption in end products.....do.	57.5	60.4	54.0	59.6	61.0	66.5	62.2	57.0	65.0	60.7	67.8	57.0	59.3	58.0	58.7	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	243.4	227.4	254.9	255.3	241.5	233.2	210.9	227.9	215.3	225.0	219.5	209.3	195.9	193.4	196.5	
Imports, end of month.....do.	22.1	31.0	37.7	40.2	30.0	31.1	20.0	38.7	46.2	35.3	39.4	7.8	0	61.1		
Corn oil:																
Production:																
Crude.....do.	30.4	32.5	27.3	33.1	31.8	32.8	33.5	34.1	34.8	31.9	34.7	34.6	30.9	32.7	34.6	37.2
Refined.....do.	29.3	30.3	30.9	30.0	28.1	30.5	29.0	30.1	28.8	31.5	30.0	32.2	34.2	30.1	28.6	
Consumption in end products.....do.	26.8	27.5	27.4	26.9	26.6	26.5	24.8	23.3	26.9	29.5	31.6	28.0	32.2	33.3	34.5	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	49.1	58.2	46.1	48.6	54.9	56.2	59.8	63.1	61.6	63.1	62.9	67.4	64.8	62.4	60.5	
Cottonseed cake and meal:																
Production.....thous. sh. tons.																
Production.....do.	222.5	223.4	292.1	254.7	194.2	135.2	86.6	71.3	101.0	224.1	343.1	351.0	304.8	326.5	292.8	259.1
Stocks (at oil mills), end of month.....do.	118.1	170.9	122.6	148.8	197.7	216.6	210.8	187.3	154.8	159.2	167.4	192.2	187.9	207.5	241.4	259.9
Cottonseed oil:																
Production:																
Crude.....mil. lb.	161.5	158.2	206.3	182.6	139.0	98.4	62.2	51.2	70.5	156.7	241.3	249.4	212.3	231.4	207.4	185.8
Refined.....do.	132.4	131.1	162.7	165.1	147.7	125.4	80.0	52.3	57.4	98.9	166.1	174.2	171.9	158.2	136.1	
Consumption in end products.....do.	108.8	95.6	96.1	98.0	89.2	91.8	95.4	83.3	88.5	92.7	107.2	98.9	101.7	95.2	102.9	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	419.6	598.4	671.2	699.2	674.8	619.1	561.5	513.7	465.6	487.5	554.7	637.4	685.6	739.8	803.7	
Exports (crude and refined)*.....do.	30.9	30.3	20.2	63.3	29.8	58.2	16.2	16.0	23.7	21.5	25.2	31.0	40.8	53.3		
Price, wholesale (drums; N. Y.).....\$ per lb.	.167	.153	.151	.153	.151	.155	.154	.160	.150	.151	.154	.161	.146	p. 142		
Linseed oil:																
Production, crude (raw).....mil. lb.																
Production.....do.	31.8	33.3	30.9	36.6	35.2	38.0	39.8	8.1	25.9	37.4	41.1	34.9	32.1	35.3	33.6	33.5
Consumption in end products.....do.	31.5	32.0	28.0	30.8	35.0	35.4	35.5	36.5	35.1	32.6	31.8	28.2	26.4	28.0	31.0	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	111.8	116.7	132.4	133.7	134.3	129.2	130.7	99.3	92.5	92.2	103.9	109.4	111.8	124.4	132.0	
Price, wholesale (Minneapolis).....\$ per lb.	.142	.127	.127	.127	.127	.127	.127	.127	.125	.123	.127	.128	.129	p. 133		
Soybean cake and meal:																
Production.....thous. sh. tons.																
Production.....do.	867.8	900.1	893.3	960.0	823.3	945.6	899.7	878.7	901.0	736.9	944.4	918.7	912.0	842.0	807.3	790.7
Stocks (at oil mills), end of month.....do.	86.5	124.4	78.7	123.3	96.0	102.7	134.8	113.3	139.4	139.1	142.2	164.2	159.5	152.4	162.4	157.2
Soybean oil:																
Production:																
Crude.....mil. lb.	407.4	421.1	413.1	451.5	386.4	443.7	422.2	413.6	426.9	345.9	442.1	426.2	425.4	388.6	376.2	368.9
Refined.....do.	338.9	334.1	315.0	362.6	338.3	316.7	333.5	295.4	336.1	340.0	361.5	331.6	329.2	351.2	328.3	
Consumption in end products.....do.	340.7	318.3	326.5	341.6	290.6	315.8	307.8	302.7	303.9	320.5	348.9	317.3	316.1	336.6	330.9	
Stocks, crude and refined (factory and warehouse), end of month.....mil. lb.	803.9	865.2	822.0	842.1	788.1	832.8	878.2	921.2	923.1	919.8	(3)	898.9	987.9	1,022.4	1,006.4	
Exports (crude and refined)*.....do.	101.1	92.0	38.5	153.4	179.4	95.5	77.7	81.2	87.0	142.7	99.6	42.1	57.3	70.2		
Price, wholesale (refined; N. Y.).....\$ per lb.	.133	.133	1.33	.133	.132	.135	.134	.132	.124	.133	.133	.141	.127	p. 124		
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb.																
Production.....do.	42,314	42,272														
Stocks, dealers' and manufacturers', end of quarter, total.....mil. lb.	4,606	4,927	5,068				4,645		4,749				5,245			
Exports, incl. scrap and stems.....thous. lb.	39,073	42,179	30,926	36,027	33,135	28,335	40,949	33,215	40,033	64,827	76,548	59,291	56,370	36,901		
Imports, incl. scrap and stems.....do.	13,951	13,983	13,834	13,492	13,209	14,547	13,458	14,857	14,231	11,905	15,802	14,737	12,353	12,438		
Manufactured:																
Production (smoking, chewing, snuff).....do.																
Production.....do.	14,066	13,968	13,093	13,285	14,430	14,792	13,860	12,576	15,019	14,759	16,604	13,017	11,947	15,068	16,150	
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions.																
Taxable.....do.	3,422	3,424	3,338	3,428	3,483	4,107	3,266	3,347	3,867	3,173	3,740	3,561	3,360	3,344	3,234	
Cigars (large), taxable.....do.	41,265	42,406	37,969	39,555	42,271	48,248	41,562	42,411	47,006	42,399	46,740	41,272	36,684	40,980	29,168	
Manufactured tobacco, taxable.....thous. lb.	530	547	432	475	554	644	509	566	606	555	652	648	407	594	622	
Exports, cigarettes.....millions.	13,770	13,717	12,503	12,942	14,139	14,708	13,071	13,012	14,810	14,382	15,838	12,858	12,440	14,863	15,550	
	2,007	1,968	2,148	2,043	2,044	2,635	1,929	1,990	2,448	1,656	2,124	2,047	1,964	1,843		

LEATHER AND PRODUCTS

HIDES AND SKINS																
Exports:																
Value, total.....thous. \$.																
Value, total.....do.	6,909	6,215	7,104	7,677	5,501	6,799	5,249	5,726	6,609	5,861	7,124	7,256	5,711	6,525	6,800	
Calf and kip skins.....thous. skins.	171	155	190	161	175	155	139	117	147	136	190	206	203	255		
Cattle hides.....thous. hides.	593	664	625	734	529	701	539	622	756	661	919	843	659	787		
Imports:																
Value, total.....thous. \$.																
Value, total.....do.	5,539	5,252	6,153	7,645	6,220	7,020	4,887	6,692	4,809	4,948	4,320	3,905	4,212	5,223	7,100	
Sheep and lamb skins.....thous. pieces.	2,290	2,192	2,546	4,925	2,992	3,132	1,608	3,709	1,733	6,123	1,249	781	1,361	1,031		
Goat and kid skins.....do.	1,198	1,231	1,782	1,097	1,429	1,515	1,127	1,275	1,346	1,211	1,250	1,000	1,150	1,360		
Prices, wholesale (f.o.b. shipping point):																
Calfskins, packer, heavy, 9 1/2/15 lb.....\$ per lb.																
Price.....do.	p. 623	p. 365	.475	.400	.375	.375	.350	.350	.350	.300	.275	.300	.325	p. 325		
Hides, steer, heavy, native, over 53 lb.....do.	p. 152	p. 111	.110	.118	.113	.118	.108	.113	.108	.103	.110	.112	.090	p. 083		
LEATHER																
Production:																
Calf and whole kip.....thous. skins.																
Production.....do.	498	466	458	418	462	492	483	424	485	403	532	453	471	386		
Cattle hide and side kip.....thous. hides and kips.	1,877	1,804	1,722	1,772	1,798	1,947	1,769	1,593	1,801	1,769	2,031	1,793	1,795	1,844		
Goat and kid.....thous. skins.	1,184	1,179	1,111	1,176	1,191	1,269	1,366	1,141	862	1,064	1,242	1,119	1,212	1,325		
Sheep and lamb.....do.	2,527	2,864	2,923	2,675	2,772	3,122	3,007	2,367	3,234	2,833	3,128	2,966	2,693	2,552		
Exports:																
(Hove and garment leather).....thous. sq. ft.																
Exports.....do.	3,502	4,628	5,777	5,507	4,174	4,436	4,236	3,272	5,548	4,252	5,493	4,763	4,863	5,273		
Upper and lining leather.....do.	3,019	3,423	3,865	3,633	2,773	4,026	2,966	2,573	3,860	2,955	4,436	3,984	4,968	4,393		
Prices, wholesale:																
Sole, bends, light, f.o.b. tannery.....\$ per lb.																
Price.....do.	p. 711	p. 678	.697	.697	.693	.693	.687	.687	.660	.657	.657	.657	.657	p. 650		
Upper, chrome calf, B and C grades, f.o.b. tannery.....\$ per sq. ft.	p. 1.326	p. 1.151	1.158	1.152	1.177	1.173	1.173	1.170	1.140	1.133	1.097	1.103	1.137	p. 1.145		

Revised. Preliminary.
 1 Average based on reported annual total. 2 Average based on months for which data are available. 3 Not available.
 4 Crop estimate for the year. 5 Quarterly average.
 6 Effective Sept. 1963, excludes small quantities formerly included.
 7 Revisions for 1962 appear in the Sept. 1963 SURVEY.

*New series. Data prior to Sept. 1962 may be obtained from Bureau of Census reports.
 \$ Monthly averages for 1951-56, published in 1963 edition of BUSINESS STATISTICS, should read as follows (thous. sh. tons): 1951-56, respectively—95.3; 60.1; 119.1; 127.4; 78.7; 138.5. Corresponding data in 1961 edition of BUSINESS STATISTICS should read (mil. lb.): 1951-56, respectively—190.6; 120.3; 238.2; 254.9; 157.3; 276.9.
 † Includes data for items not shown separately.

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

LEATHER AND PRODUCTS—Continued

LEATHER MANUFACTURES															
Shoes and slippers:															
Production, total.....thous. pairs..	49,803	49,284	49,760	51,983	49,367	48,863	44,635	44,848	55,670	50,132	53,809	44,671	45,258	51,954	
Shoes, sandals, and play shoes, except athletic															
thous. pairs.....	42,033	42,157	44,864	46,026	43,251	41,915	37,997	38,430	46,686	40,486	42,784	35,992	39,932	46,888	
Slippers for housewear.....do.....	6,603	5,918	3,995	4,989	5,084	5,855	5,401	5,368	7,526	8,087	9,212	7,357	4,109	4,079	
Athletic.....do.....	583	502	528	505	612	660	558	377	495	486	500	438	412	400	
Other footwear.....do.....	584	707	373	463	420	433	679	673	963	1,073	1,313	884	805	587	
Exports.....do.....	177	170	214	233	161	160	145	136	182	190	205	208	132	115	
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	
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	
Women's pumps, low-medium quality.....do.....	111.2	110.7	110.6	111.0	109.9	110.2	110.0	111.1	111.3	111.1	111.3	110.6	110.9	111.2	

LUMBER AND MANUFACTURES

LUMBER—ALL TYPES															
National Lumber Manufacturers Association:♂															
Production, total.....mil. bd. ft..	2,764	2,882	2,663	2,878	2,935	3,121	2,835	2,743	3,145	3,115	3,244	2,798	2,559	2,701	2,817
Hardwoods.....do.....	530	581	541	581	626	613	619	554	588	609	617	600	501	501	524
Softwoods.....do.....	2,234	2,301	2,122	2,297	2,309	2,508	2,216	2,189	2,557	2,506	2,627	2,198	2,058	2,200	2,293
Shipments, total.....do.....	2,777	2,866	2,638	2,823	2,969	3,235	2,923	2,939	3,100	2,903	3,054	2,707	2,579	2,686	2,945
Hardwoods.....do.....	525	564	571	600	594	581	564	520	567	562	592	579	516	514	548
Softwoods.....do.....	2,252	2,303	2,067	2,223	2,375	2,654	2,359	2,419	2,533	2,341	2,462	2,128	2,063	2,172	2,397
Stocks (gross), mill, end of month, total.....do.....	6,346	6,504	6,603	6,658	6,679	6,508	6,419	6,243	6,312	6,454	6,493	6,555	6,541	6,594	6,472
Hardwoods.....do.....	1,529	1,842	1,723	1,702	1,736	1,771	1,830	1,866	1,887	1,914	1,964	1,987	1,971	1,957	1,930
Softwoods.....do.....	4,817	4,662	4,880	4,956	4,943	4,737	4,589	4,377	4,425	4,540	4,529	4,568	4,570	4,637	4,542
Exports, total sawmill products.....do.....	63	73	61	71	63	83	60	77	76	77	84	82	84	70	68
Imports, total sawmill products.....do.....	408	445	410	416	425	463	516	616	576	457	469	381	364		
SOFTWOODS♂															
Douglas fir:															
Orders, new.....mil. bd. ft..	680	679	623	637	724	759	664	609	618	719	800	649	665	842	738
Orders, unfilled, end of month.....do.....	496	538	609	568	577	542	554	521	450	491	520	528	535	671	721
Production.....do.....	685	671	651	705	732	726	595	542	692	700	745	666	638	761	708
Shipments.....do.....	673	676	580	678	716	793	651	643	689	677	772	641	659	706	688
Stocks (gross), mill, end of month.....do.....	991	969	1,054	1,082	1,098	1,031	974	882	894	925	878	923	903	984	1,004
Exports, total sawmill products.....do.....	26	31	24	32	32	35	22	30	31	26	34	37	37	28	
Sawed timber.....do.....	10	12	9	14	11	11	8	9	11	10	15	14	18	11	
Boards, planks, scantlings, etc.....do.....	17	19	15	19	21	24	14	21	21	16	20	23	19	17	
Prices, wholesale:															
Dimension, construction, dried, 2" x 4", R. L.															
Flooring, C and better, F. G., 1" x 4", R. L.	78.65	79.92	78.24	78.13	78.67	79.86	80.84	86.00	85.90	79.86	77.96	77.73	77.96	78.21	
Southern pine:															
Orders, new.....mil. bd. ft..	478	491	403	483	553	543	496	541	523	486	562	483	379	447	466
Orders, unfilled, end of month.....do.....	255	280	250	276	318	309	312	305	279	269	279	264	256	259	270
Production.....do.....	478	484	426	460	489	531	478	511	518	503	545	484	411	475	476
Shipments.....do.....	475	488	396	457	511	552	493	548	549	496	552	498	387	444	455
Stocks (gross), mill and concentration yards, end															
of month.....mil. bd. ft..	1,366	1,380	1,450	1,453	1,431	1,410	1,395	1,358	1,327	1,334	1,327	1,313	1,337	1,368	1,389
Exports, total sawmill products.....M bd. ft..	6,325	6,408	7,614	6,075	5,174	9,761	5,334	5,926	7,174	4,608	7,676	8,210	7,955	6,603	
Sawed timber.....do.....	1,571	832	761	655	907	1,402	534	987	675	397	833	1,225	1,300	747	
Boards, planks, scantlings, etc.....do.....	4,754	5,577	6,853	5,420	4,267	8,359	4,800	4,939	6,499	4,211	6,843	6,985	6,655	5,856	
Prices, wholesale, (indexes):															
Boards, No. 2 and better, 1" x 6", R. L.															
1957-59=100..	93.1	92.5	90.9	91.2	91.7	92.1	92.9	93.9	94.3	94.0	92.8	93.0	92.8	92.7	
Western pine:															
Orders, new.....mil. bd. ft..	800	849	762	776	875	941	910	942	892	866	1,002	730	759	891	937
Orders, unfilled, end of month.....do.....	416	383	367	364	424	400	417	435	356	347	384	352	347	503	501
Production.....do.....	789	841	753	833	763	916	835	866	1,066	977	992	772	749	682	806
Shipments.....do.....	797	839	798	779	815	965	894	924	971	875	837	762	764	735	939
Stocks (gross), mill, end of month.....do.....	1,679	1,657	1,683	1,737	1,737	1,636	1,577	1,519	1,554	1,656	1,683	1,693	1,678	1,625	1,492
Price, wholesale, Ponderosa, boards, No. 3, 1" x															
12", R. L. (6" and over).....\$ per M bd. ft..	67.43	67.42	65.11	66.06	67.72	68.53	69.06	70.79	72.16	70.56	65.96	64.62	63.50		
HARDWOOD FLOORING															
Flooring:															
Maple, beech, and birch:															
Orders, new.....mil. bd. ft..	3.1	2.9	3.0	3.4	2.8	3.4	3.5	2.8	3.1	2.0	3.2	2.1	2.2	2.6	2.8
Orders, unfilled, end of month.....do.....	10.1	10.8	10.6	11.5	11.6	11.4	11.4	10.5	10.2	10.0	10.6	10.4	10.5	10.8	11.6
Production.....do.....	2.7	2.8	2.7	2.7	2.8	2.8	2.5	2.7	3.3	2.8	3.3	2.5	2.6	2.6	2.2
Shipments.....do.....	2.9	2.7	2.6	2.4	2.6	3.2	3.4	3.4	3.3	2.4	2.6	2.4	1.9	2.2	1.9
Stocks (gross), mill, end of month.....do.....	7.9	6.5	6.9	7.1	7.4	6.9	6.2	5.5	5.4	5.8	6.6	6.6	7.1	7.6	7.9
Oak:															
Orders, new.....do.....	65.7	68.3	76.0	70.1	68.3	77.0	68.4	72.9	75.5	64.9	72.8	55.1	51.0	75.7	84.2
Orders, unfilled, end of month.....do.....	42.8	45.2	50.8	52.3	51.6	52.1	49.6	48.1	47.5	44.9	40.4	34.7	36.9	44.7	63.6
Production.....do.....	65.0	69.3	58.1	62.7	69.3	76.7	70.0	72.2	75.3	69.4	79.9	68.3	62.8	72.7	65.2
Shipments.....do.....	65.9	69.1	58.6	67.1	70.2	77.6	74.5	74.4	76.1	68.6	77.5	64.7	56.4	64.4	65.2
Stocks (gross), mill, end of month.....do.....	75.2	43.6	51.6	47.2	45.8	44.8	40.2	38.0	37.2	38.7	39.7	41.2	46.6	55.0	55.0

♂ Revised. ♀ Preliminary. 1 Beginning Sept. 1963, data exclude small amounts formerly included.
 † Revisions by months for 1961-Sept. 1962 are shown in Bu. of Census report M31A(62)-13.

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

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963												1964		
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
METALS AND MANUFACTURES																	
IRON AND STEEL																	
Foreign trade:																	
Iron and steel products (incl. pig iron, excl. advanced mfs. and ferroalloys):																	
Exports, total \varnothingthous. sh. tons	615	740	796	638	688	826	778	913	941	817	790	657	820	864	212		
Steel mill products.....do	168	182	174	179	198	223	169	195	178	162	212	207	230	226			
Scrap.....do	426	531	556	425	459	564	589	698	748	640	552	428	564	580			
Imports, total \varnothingdo	424		393	427	500	597	603	669	637								
Steel mill products \varnothingdo	342	454	340	387	425	516	467	599	547	471	549	516	402	481	428		
Scrap \varnothingdo	22	19	13	18	17	30	28	12	14	13	15	16	29	24			
Iron and Steel Scrap																	
Production and receipts, total.....thous. sh. tons	5,494	\varnothing 6,174	5,587	6,519	7,076	7,538	6,858	5,958	5,511	5,494	6,187	\varnothing 5,933	\varnothing 5,914				
Home scrap produced.....do	3,387	\varnothing 3,715	3,292	3,877	4,215	4,465	4,168	3,732	3,404	3,363	3,671	\varnothing 3,513	\varnothing 3,536				
Purchased scrap received (net).....do	2,107	\varnothing 2,459	2,295	2,641	2,861	3,073	2,690	2,227	2,107	2,131	2,516	\varnothing 2,420	\varnothing 2,379				
Consumption, total.....do	5,513	\varnothing 6,219	5,668	6,825	7,207	7,583	6,867	5,681	5,425	5,573	6,204	\varnothing 5,971	\varnothing 5,944				
Stocks, consumers', end of mo.....do	8,844	\varnothing 7,977	8,225	7,920	7,785	7,738	7,731	8,011	8,097	8,013	8,002	\varnothing 7,961	\varnothing 7,935				
Prices, steel scrap, No. 1 heavy melting:																	
Composite (5 markets).....\$ per lg. ton	28.12	26.78	27.17	26.51	27.00	28.30	26.20	25.69	26.56	26.89	27.22	27.02	27.24	\varnothing 28.93			
Pittsburgh district.....do	29.00	27.00	29.00	28.00	30.50	30.50	25.00	25.00	25.00	26.00	26.00	25.00	26.00	\varnothing 29.00			
Ore																	
Iron ore (operations in all U.S. districts):																	
Mine production.....thous. lg. tons	6,050	6,063	3,151	3,763	4,031	8,354	9,019	8,933	8,865	8,573	7,318	3,876	3,543	4,067			
Shipments from mines.....do	5,859	6,157	1,203	1,419	2,123	9,111	10,588	10,704	10,587	9,718	9,141	5,997	1,846	1,406			
Imports.....do	2,786	2,789	1,451	1,362	1,876	3,053	3,706	4,170	4,220	3,379	3,961	2,980	1,940	1,693	1,667		
U.S. and foreign ores and ore agglomerates:																	
Receipts at iron and steel plants.....do	8,121	8,458	2,612	3,426	4,026	12,050	13,177	13,070	13,375	12,535	12,386	8,932	4,052	2,710	3,225		
Consumption at iron and steel plants.....do	8,041	8,669	7,691	9,339	9,691	10,701	10,018	8,758	7,548	7,516	8,010	8,033	8,458	9,113	8,867		
Exports.....do	491	568	112	104	178	843	949	1,258	1,095	711	715	428	341	255			
Stocks, total, end of mo.....do	75,737	\varnothing 74,732	\varnothing 75,787	71,995	67,679	67,893	68,969	71,565	75,732	79,649	81,194	80,030	77,325	73,141			
At mines.....do	14,657	15,924	17,046	19,390	21,335	20,568	19,002	17,226	15,505	14,359	11,391	9,237	10,934	13,224			
At furnace yards.....do	55,293	\varnothing 53,435	\varnothing 52,593	46,720	41,054	42,378	45,033	49,358	55,188	60,185	64,560	65,450	61,044	54,644	49,002		
At U.S. docks.....do	5,787	5,372	6,148	5,885	5,290	4,947	4,934	4,981	5,039	5,105	5,253	5,343	5,347	5,273	5,068		
Manganese (mn. content), general imports \varnothingdo	79	84	116	107	86	42	105	70	110	137	67	88	46	71			
Pig Iron and Iron Products																	
Pig iron:																	
Production (excl. blast furnace production of ferroalloys).....thous. sh. tons	5,477	5,993	5,316	6,449	6,763	7,436	6,940	5,989	5,278	5,174	5,525	5,565	5,897	6,291	6,199		
Consumption.....do	5,550	\varnothing 6,057	5,413	6,576	6,905	7,584	6,900	5,909	5,270	5,224	5,604	\varnothing 5,588	\varnothing 5,949				
Stocks (consumers' and suppliers'), end of mo.....thous. sh. tons	3,178	\varnothing 2,813	2,969	2,864	2,747	2,634	2,669	2,782	2,804	2,811	2,808	\varnothing 2,825	\varnothing 2,806				
Prices:																	
Composite.....\$ per lg. ton	65.46	62.87	62.95	62.95	62.95	62.95	62.95	62.95	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	62.75	
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	62.75	
Castings, gray iron:																	
Orders, unfilled, for sale, end of mo.....thous. sh. tons	680	783	775	802	818	840	819	806	805	805	758	692	719				
Shipments, total.....do	963	1,064	924	1,055	1,154	1,218	1,146	1,003	985	1,037	1,194	1,049	1,014				
For sale.....do	527	591	483	558	653	688	646	578	608	598	673	575	534				
Castings, malleable iron:																	
Orders, unfilled, for sale, end of mo.....thous. sh. tons	73	81	83	83	79	78	77	82	82	82	78	80	88				
Shipments, total.....do	72	78	75	81	82	85	78	68	68	74	87	78	79				
For sale.....do	41	44	42	45	46	48	44	37	40	42	50	42	42				
Steel, Crude, Semifinished, and Finished																	
Steel ingots and steel for castings:																	
Production.....thous. sh. tons	8,194	9,105	8,222	10,080	10,695	11,490	10,365	8,654	7,782	7,858	8,483	8,488	8,753	9,515	9,474	\varnothing 10,478	
Index.....1957-59=100	101.2	112.5	110.3	122.2	134.0	139.3	129.8	104.9	94.3	98.4	102.8	106.3	106.1	115.3	122.8	127.0	
Steel castings:																	
Orders, unfilled, for sale, end of mo.....thous. sh. tons	183	219	196	207	215	217	201	217	216	219	225	255	262				
Shipments, total.....do	119	125	116	127	130	145	131	105	119	121	135	126	133				
For sale, total.....do	93	100	91	99	104	115	105	86	95	97	107	101	107				
Steel forgings (for sale):																	
Orders, unfilled, end of mo.....do	308	306	305	310	323	312	297	306	310	298	306	311	\varnothing 312	\varnothing 320	322		
Shipments, total.....do	113	116	\varnothing 122	122	124	125	118	96	105	115	123	111	114	139	\varnothing 121		
Drop and upset.....do	86	88	\varnothing 93	92	92	93	87	74	78	91	95	84	88	\varnothing 111	93		
Steel products, net shipments:																	
Total (all grades).....do	5,879	6,296	5,604	6,691	7,308	8,061	7,375	6,460	5,895	5,455	5,927	5,617	5,540	6,475	6,239		
Semifinished products.....do	231	263	235	272	314	316	237	206	212	266	285	252	281	311			
Structural shapes (heavy), steel piling.....do	395	443	366	442	498	548	479	451	456	417	464	428	420	422	405		
Plates.....do	522	603	514	613	632	715	652	636	579	587	614	608	588	614	613		
Rails and accessories.....do	86	92	97	102	109	113	111	84	91	90	70	74	92	109	120		
Bars and tool steel, total.....do	916	972	849	1,009	1,119	1,245	1,136	966	910	848	948	909	853	977	916		
Bars: Hot rolled (incl. light shapes).....do	597	631	593	703	735	844	743	584	536	490	580	584	579	680	621		
Reinforcing.....do	199	224	141	177	247	254	256	279	269	260	258	220	167	169	172		
Cold finished.....do	112	110	108	120	129	139	129	97	97	90	103	97	99	120	114		
Pipe and tubing.....do	592	587	433	564	706	724	699	631	569	605	468	442	504	545			
Wire and wire products.....do	259	262	231	282	324	350	302	255	250	244	263	221	192	221	226		
Tin mill products.....do	505	488	495	567	567	606	560	533	541	405	404	352	323	563	494		
Sheets and strip (incl. electrical), total.....do	2,373	2,587	2,384	2,840	3,038	3,373	3,004	2,599	2,232	2,084	2,293	2,272	2,378	2,786	2,608		
Sheets: Hot rolled.....do	646	735	668	804	888	986	891	708	582	571	655	672	685	833	777		
Cold rolled.....do	1,126	1,209	1,130	1,354	1,434	1,594	1,455	1,213	995	898	1,019	1,044	1,149	1,316	1,211		
Steel mill products, inventories, end of mo.:																	
Consumers (manufacturers only).....mil. sh. tons	10.3	10.0	8.6	9.0	9.4	10.2	11.2	11.9	11.6	10.9	10.0	9.5	9.3	\varnothing 9.4	\varnothing 9.4		
Receipts during month.....do	4.4	4.8	4.3	5.1	5.4	6.0	5.9	4.9	4.1	4.0	4.5	4.3	4.6	\varnothing 5.2	\varnothing 4.8		
Consumption during month.....do	4.4	4.7	4.2	4.7	5.0	5.2	4.9	4.2	4.4	4.7	5.4	4.8	4.8	5.1	\varnothing 4.8		
Warehouses (service centers).....do	3.4	3.4	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.5	\varnothing 3.4	\varnothing 3.5		
Producing mills:																	
In process (ingots, semifinished, etc.).....do	7.2	7.4	7.3	7.5	7.6	7.5	7.5	7.3	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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued																
Steel, Manufactured Products																
Fabricated structural steel:																
Orders, new (net).....thous. sh. tons..	302	336	286	312	389	409	345	302	350	289	322	262	440	356	247	
Shipments.....do.....	322	341	244	306	355	390	360	370	411	371	411	324	321	310	304	
Backlog, end of year or mo.....do.....	2,624	2,322	2,708	2,864	2,613	2,668	2,396	2,458	2,323	2,297	2,260	2,238	2,322	2,306	2,270	
Barrels and drums, steel, heavy types (for sale):																
Orders, unfilled, end of mo.....thous.....	1,404	1,273	1,395	1,297	1,288	1,306	1,354	1,322	1,274	1,281	1,233	1,107	1,119	1,184		
Shipments.....do.....	1,947	1,922	1,807	2,053	2,029	2,285	1,863	1,999	2,058	1,956	1,994	1,702	1,603	1,858		
Cans (tinplate), shipments (metal consumed), total for sale and own use.....thous. sh. tons..	431	410	310	365	413	439	434	494	554	495	458	323	311			
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores).....thous. sh. tons..																
	176.5	192.7	163.0	181.6	181.3	192.9	192.5	201.4	203.1	197.4	205.1	201.1	209.1	212.0	200.2	
Estimated recovery from scrap.....do.....	133.2	63.0	57.0	61.0	67.0	63.0	63.0	58.0	67.0	66.0	71.0	63.0	73.0	68.0		
Imports (general):																
Metal and alloys, crude.....do.....	25.6	34.6	21.5	18.6	30.6	35.5	47.4	53.9	40.3	38.2	34.5	36.9	36.1	34.3		
Plates, sheets, etc.....do.....	4.9	3.5	3.4	3.5	3.3	3.3	2.8	4.1	3.7	3.5	4.0	4.1	3.9	4.5		
Exports, metal and alloys, crude.....do.....	12.6	13.8	17.0	16.6	16.8	16.9	12.6	16.0	13.6	13.0	13.2	12.6	11.9	16.8		
Stocks, primary (at reduction plants), end of mo.....thous. sh. tons..																
	153.1	105.6	139.0	119.6	101.7	88.2	83.3	85.7	94.5	93.8	96.9	110.7	99.0	108.0	107.8	
Price, primary ingot, 99.5% min.....\$ per lb.....	.2388	.2262	.2250	.2250	.2250	.2250	.2250	.2250	.2250	.2250	.2298	.2300	.2300	.2300	.2300	.2343
Aluminum shipments:																
Ingot and mill products (net).....mil. lb.....	464.3	526.9	471.0	496.8	537.5	591.2	526.0	526.4	552.9	535.6	584.6	489.8	523.9			
Mill products, total.....do.....	317.6	355.3	307.1	345.0	356.0	402.7	359.7	362.1	377.7	345.8	423.7	324.8	328.9			
Plate and sheet (excl. foil).....do.....	142.6	166.9	136.7	158.8	166.6	198.0	172.2	175.1	179.7	161.3	210.0	144.4	145.0			
Castings.....do.....	77.2	79.4	79.2	82.5	83.5	83.1	78.5	65.1	75.5	77.0	85.0	79.8	79.3	90.7		
Copper:																
Production:																
Mine, recoverable copper.....thous. sh. tons..	102.4	100.8	94.4	105.1	105.2	105.0	92.9	86.1	96.8	99.1	109.8	106.3	107.0	107.3	107.3	
Refinery, primary.....do.....	134.3	133.0	121.7	134.3	132.1	137.2	138.9	135.5	134.9	129.0	138.0	131.8	141.3	140.4	147.1	
From domestic ores.....do.....	101.2	101.6	92.5	100.6	101.2	106.7	102.4	101.7	98.6	95.1	103.5	103.7	106.3	103.4	109.8	
From foreign ores.....do.....	33.1	31.4	29.2	33.6	30.9	30.5	36.5	33.8	36.3	33.9	34.5	28.1	35.0	37.0	37.3	
Secondary, recovered as refined.....do.....	22.7	24.0	25.6	27.5	25.4	24.1	24.4	17.7	23.3	24.9	25.8	23.3	23.7	24.1	22.4	
Imports (general):																
Refined, unrefined, scrap.....do.....	40.1	45.0	24.7	61.3	35.2	42.9	46.2	41.0	54.3	70.8	51.7	32.8	53.1	45.5	35.4	
Refined.....do.....	8.2	9.9	6.6	4.4	8.4	9.0	9.6	11.0	17.2	13.3	12.2	11.8	7.4	8.9	11.3	
Exports:																
Refined, scrap, brass and bronze ingots.....do.....	32.1	30.0	27.3	30.6	29.7	33.1	32.0	27.6	37.5	29.5	29.5	30.0	39.7	34.3	31.4	
Refined.....do.....	28.0	26.0	24.2	26.8	24.7	27.2	28.9	22.7	33.0	25.3	25.6	26.4	33.9	29.5	26.6	
Consumption, refined (by mills, etc.).....do.....	134.2	146.2	142.6	153.3	147.6	160.5	155.4	109.2	144.4	142.0	163.7	147.5	147.7	150.7	152.0	
Stocks, refined, end of mo., total.....do.....																
	177.5	175.4	199.6	193.3	184.4	168.0	153.3	197.2	183.8	173.8	154.7	150.3	145.3	135.0	140.4	
Fabricators'.....do.....	102.0	96.0	98.2	98.9	98.8	89.2	87.6	119.2	115.1	103.0	80.1	75.9	82.8	80.9	90.9	
Price, bars, electrolytic (N.Y.).....\$ per lb.....	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3060	.3112
Copper-base mill and foundry products, shipments (quarterly avg. or total):																
Copper mill (brass mill) products.....mil. lb.....	578	616		595			669			578			623			
Copper wire mill products.....do.....	409	428		414			445			398			457			
Brass and bronze foundry products.....do.....	229	239		235			239			234			239			
Lead:																
Production:																
Mine, recoverable lead.....thous. sh. tons..	19.7	20.9	13.3	14.7	20.9	24.2	22.3	23.6	24.5	22.2	24.7	22.6	22.6	24.8	22.5	
Secondary, recovered from scrap.....do.....	37.0	39.7	38.7	41.4	39.4	38.9	38.1	33.6	39.8	40.5	47.0	43.7	37.4	39.9		
Imports (general), ore, metal.....do.....																
	33.4	31.3	24.1	34.9	30.1	30.2	34.1	31.9	24.8	31.5	32.1	38.1	33.1	32.4		
Consumption, total.....do.....	92.5	96.2	95.1	91.9	94.6	97.2	93.4	85.0	92.7	93.5	108.6	101.9	100.7	105.4		
Stocks, end of year or mo.:																
Producers', ore, base bullion, and in process (ABMS).....thous. sh. tons..	91.0	110.2	87.1	79.7	80.8	79.9	90.6	98.8	97.0	105.3	111.1	112.2	110.2	109.5	117.4	
Refiners' (primary), refined and antimonial (lead content).....thous. sh. tons..	142.5	56.9	119.8	112.7	112.6	108.5	101.0	94.5	85.3	80.4	72.0	64.2	56.9	47.3		
Consumers'.....do.....	93.5	115.5	95.0	99.0	97.2	94.1	95.7	101.8	104.3	109.4	108.5	111.5	115.5	111.2		
Scrap (lead-base, purchased), all smelters.....thous. sh. tons..	46.1	48.5	44.5	47.4	48.4	48.1	45.9	52.6	54.8	57.0	57.3	55.7	62.7	67.2		
Price, common grade (N.Y.).....\$ per lb.....	.0963	.1114	.1050	.1050	.1050	.1050	.1071	.1107	.1135	.1163	.1194	.1215	.1250	.1298	.1300	.1300
Tin:																
Imports (for consumption):																
Ore.....lg. tons.....	447	244	4	0	405	0	3	0	339	259	627	989	265	1,249		
Bars, pigs, etc.....do.....	3,422	3,623	3,664	3,929	3,732	4,966	4,384	3,453	4,081	2,327	3,546	3,080	3,109	3,227		
Estimated recovery from scrap, total.....do.....	1,750	1,820	1,760	1,840	1,830	1,930	1,895	1,565	1,690	1,760	1,925	1,990	1,765	1,770		
As metal.....do.....	250	230	195	225	235	230	210	220	215	240	290	270	270	190		
Consumption, pig, total.....do.....	6,590	6,520	6,195	7,115	7,070	7,420	6,985	6,425	6,470	6,030	6,705	5,490	5,960	6,580		
Primary.....do.....	4,550	4,580	4,445	5,115	5,085	5,290	5,035	4,770	4,530	4,145	4,455	3,630	4,010	4,710		
Exports, incl. reexports (metal).....do.....	36	135	84	64	84	27	410	97	151	265	170	102	165	207		
Stocks, pig (industrial), end of mo.....do.....	21,730	25,610	22,175	24,025	22,515	21,255	25,585	24,110	23,590	32,000	30,980	30,245	29,330	27,185		
Price, pig, Straits (N.Y.), prompt.....\$ per lb.....	1.1461	1.1664	1.0854	1.0922	1.1302	1.1665	1.1772	1.1534	1.1484	1.1611	1.1997	1.2704	1.3020	1.3402	1.4012	1.3482
Zinc:																
Mine production, recoverable zinc.....thous. sh. tons..																
	42.1	43.9	41.5	43.7	46.1	45.5	42.5	40.5	44.9	41.5	46.9	45.1	45.1	48.8	44.8	
Imports (general):																
Ores.....do.....	39.0	31.1	32.2	29.6	34.3	28.0	34.8	33.9	31.7	27.0	26.9	29.8	33.0	23.6		
Metal (slab, blocks).....do.....	11.8	12.1	7.9	18.0	11.7	10.4	7.7	11.9	8.2	19.4	11.0	15.2	14.7	11.4		
Consumption (recoverable zinc content):																
Ores.....do.....	8.2	8.0	7.4	7.9	8.2	8.9	8.9	8.1	7.1	8.2	8.7	7.7	7.7	7.4		
Scrap, all types.....do.....	16.7	16.0	15.6	16.1	15.7	16.8	15.8	15.4	15.5	16.1	16.6	16.1	15.9	16.4		

Revised. Preliminary. Recoverable aluminum content. Monthly data are expressed in metallic content (incl. alloying constituents). Beginning Jan. 1963, net shipments of ingot derived by new method to include imports not previously included. Revisions for 1962 are in the Sept. 1963 Survey.

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

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963										1964			
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
METALS AND MANUFACTURES—Continued																
NONFERROUS METALS AND PROD.—Con.																
Zinc—Continued																
Slab zinc:																
Production (primary smelter), from domestic and foreign ores.....thous. sh. tons..	73.3	74.9	69.6	77.0	73.1	77.3	69.6	69.0	72.6	72.5	78.1	79.3	83.8	75.9		
Secondary (redistilled) production.....do..	4.9	4.5	3.6	3.9	4.1	4.5	4.4	4.1	4.6	5.4	6.0	5.3	4.8	5.0		
Consumption, fabricators'.....do.....	86.0	90.1	81.3	86.5	93.4	99.2	91.1	85.4	92.5	90.6	99.3	88.5	88.5	91.7		
Exports.....do.....	3.0	2.8	3.3	3.2	3.1	2.9	4.4	4.9	4.1	2.0	2.4	1.9	1.3	.4		
Stocks, end of year or mo.:																
Producers', at smelter (AZI)Δ.....do..	144.7	55.1	154.7	154.2	140.7	126.5	105.9	80.0	64.6	55.4	53.9	50.2	55.1	48.2	43.6	46.0
Consumers'.....do.....	80.0	92.1	68.9	66.4	65.7	64.3	69.5	86.4	88.1	90.1	88.1	87.0	92.1	92.1		
Price, prime Western (St. Louis).....\$ per lb..	1162	1200	1150	1150	1150	1150	1150	1202	1250	1250	1250	1250	1294	1306	1300	1300
HEATING EQUIPMENT, EXC. ELECTRIC																
Radiators and convectors, shipments:																
Cast iron.....mil. sq. ft. radiation..	1.0	1.0	.9	1.1	.9	.6	.9	.7	1.0	1.4	1.4	1.1	1.0	.9		
Nonferrous*.....do.....	9.2	9.2	7.0	7.1	6.3	7.7	9.0	9.1	11.6	12.4	13.9	9.8	8.0	8.1		
Oil burners:																
Shipments.....thous.....	39.8	48.9	39.5	37.1	39.2	43.0	48.7	41.9	58.5	75.7	72.4	55.9	32.8	42.3		
Stocks, end of year or mo.....do.....	49.9	42.8	60.4	64.5	67.8	60.7	65.8	65.1	63.8	51.8	49.5	43.9	42.2	42.8		
Stoves and ranges, domestic cooking:																
Shipments, total (excl. liquid-fuel types).....do..	166.7	176.0	161.3	177.1	176.9	187.3	177.3	155.3	185.0	198.9	207.3	173.7	162.2	184.9		
Gas ².....do.....	163.6	173.1	159.1	174.7	174.6	185.0	173.9	152.6	181.3	194.9	202.5	170.7	160.2	182.9		
Stoves, domestic heating, shipments, total.....do..	157.0	161.9	97.4	126.4	105.6	116.9	180.8	254.2	239.1	258.2	183.6	120.5	93.5			
Gas.....do.....	94.1	101.5	47.2	79.2	55.7	62.6	103.4	110.0	171.4	146.3	170.4	132.0	81.6	56.9		
Warm-air furnaces (forced-air and gravity air-flow), shipments, total.....thous.....	108.9	117.8	91.2	90.8	94.1	104.8	113.1	116.4	140.2	168.8	170.4	132.4	97.6	95.8		
Gas.....do.....	87.1	95.3	75.4	75.2	80.5	85.3	91.4	94.6	110.4	130.6	134.5	106.5	81.6	79.2		
Water heaters, gas, shipments.....do.....	217.7	200.3	189.4	198.5	223.1	218.0	231.2	183.5	184.9	179.7	228.1	176.8	191.2	248.3		
MACHINERY AND APPARATUS																
Fans, blowers, and unit heaters, qtrly. totals:																
Fans and blowers, new orders.....mil. \$..	140.2	140.9		38.2			43.7			39.9				41.8		
Unit-heater group, new orders.....do.....	116.2	115.7		13.3			16.7			14.6				18.2		
Foundry equipment (new), new orders, net mo. avg. shipments, 1957-59=100.....	111.4	131.9	124.6	87.9	107.3	148.7	135.1	127.6	160.4	122.3	184.8	127.1	129.6	235.8	251.8	
Furnaces (industrial) and ovens, etc., new orders (domestic), net.....mil. \$..	7.0	8.2	7.4	15.0	8.1	10.8	7.2	5.3	9.2	9.6	7.6	8.5	6.1	5.8	9.8	
Material handling equipment (industrial):																
Orders (new), index, seas. adj. 1957-59=100.....	112.6	128.7	95.0	116.5	136.5	128.3	98.2	140.8	150.2	128.1	135.7	136.6	156.2	146.5		
Industrial trucks (electric), shipments:																
Hand (motorized).....number.....	500	547	483	529	579	558	550	579	433	563	602	523	590	491	515	
Rider-type.....do.....	471	581	600	793	550	532	589	533	511	490	611	598	630	484	609	
Industrial trucks and tractors (gasoline-powered), shipments.....number.....	2,232	2,434	1,765	2,137	2,212	2,569	2,750	2,307	2,567	2,661	2,941	2,738	2,830	2,543	2,518	
Machine tools:																
Metal cutting tools:																
Orders, new (net), total.....mil. \$..	44.80	59.50	53.35	61.55	62.20	66.50	57.10	57.90	49.20	56.55	66.85	59.10	77.40	80.15	77.25	
Domestic.....do.....	36.70	47.50	44.80	49.55	48.50	46.30	44.40	47.90	38.55	45.40	53.35	49.65	64.15	60.60	62.30	
Shipments, total.....do.....	47.85	49.90	43.05	50.00	46.55	53.65	53.55	44.55	41.20	54.75	54.05	52.35	69.00	50.35	52.15	
Domestic.....do.....	35.15	41.10	34.30	41.65	39.35	45.85	46.50	38.65	33.30	42.85	42.95	41.75	56.30	39.85	39.25	
Estimated backlog.....months.....	4.2	5.2	4.6	5.0	5.2	5.2	5.2	5.5	5.6	5.4	5.7	5.6	6.2	6.2		
Metal forming tools:																
Orders, new (net), total.....mil. \$..	14.60	18.10	19.20	12.85	16.05	13.40	14.80	15.55	19.85	22.35	32.35	15.95	21.20	48.80	18.55	
Domestic.....do.....	11.65	15.90	16.50	11.85	11.55	10.85	13.15	13.90	18.15	17.60	29.95	15.20	19.80	47.40	17.55	
Shipments, total.....do.....	12.40	15.30	14.05	17.35	14.35	18.60	18.85	14.95	12.65	14.70	16.35	14.05	14.30	15.00	18.15	
Domestic.....do.....	9.30	12.80	10.05	14.60	11.60	15.85	17.45	12.70	11.40	12.10	13.00	11.30	12.50	12.40	15.95	
Estimated backlog.....months.....	4.6	4.7	5.1	4.7	4.7	4.2	3.9	3.8	4.2	4.6	5.4	5.6	5.8	7.6	8.2	
Other machinery and equip., qtrly. shipments:																
Construction machinery (selected types), total².....mil. \$..																
Tractors, tracklaying, total.....do.....	1261.4	1307.6		257.4			378.9			309.2			284.9			
Tractors, wheel (con. off-highway).....do..	164.2	180.2		64.1			98.1			80.2			78.4		30.4	
Tractor shovel loaders (integral units only), wheel and tracklaying types.....mil. \$..	158.9	173.5		62.2			86.3			71.8			73.6			
Tractors, wheel (excl. garden and contractors' off-highway types).....mil. \$..	1130.1	1151.3		179.4			166.1			100.6			159.0		60.6	
Farm machines and equipment (selected types), excl. tractors.....mil. \$..	1197.7	1213.7		241.6			262.6			199.7			150.9			
ELECTRICAL EQUIPMENT																
Batteries (auto. replacement), shipments.....thous..																
Household electrical appliances:	2,540	2,653	2,678	1,665	1,551	1,832	1,903	2,100	2,604	3,186	3,673	3,174	3,622	3,146	1,644	
Ranges (incl. built-ins), sales, total.....do..	139.6	155.8	149.8	169.0	143.9	153.4	160.8	140.2	156.4	165.8	167.9	159.4	174.4	144.4	165.8	
Refrigerators and home freezers, output 1957-59=100.....thous.....	119.2	127.9	122.5	134.1	130.6	139.3	145.1	133.8	93.1	149.0	127.8	129.0	128.6	131.3	150.3	
Vacuum cleaners, sales billed.....thous.....	309.3	353.9	356.9	406.0	340.8	333.8	291.2	297.1	326.1	423.0	416.4	382.6	349.7	324.7	365.0	
Washers, sales (dom. and export).....do.....	305.5	329.1	300.8	363.6	279.5	311.0	358.6	281.2	379.7	403.7	367.4	336.9	273.5	302.5	330.0	
Driers (gas and electric), sales (domestic and export).....thous.....	116.4	133.0	115.7	112.7	72.3	70.2	91.0	99.5	173.5	200.3	197.1	180.3	153.2	142.8	135.8	
Radio sets, production.....do.....	1,596.8	1,523.5	1,389.7	1,568.4	1,359.8	1,384.1	1,653.9	990.6	1,252.9	2,008.2	1,872.7	1,799.8	1,772.0	1,413.3	1,367.9	
Television sets (incl. combination), prod.....do..	539.3	594.2	557.9	696.4	548.6	507.5	665.0	384.3	565.2	779.4	630.1	621.4	690.0	731.1	751.5	
Electron tubes and semiconductors, factory sales.....mil. \$..	75.9	73.6	68.5	75.9	72.2	72.5	76.8	59.5	77.4	82.5	81.5	71.7	73.0	73.2		
Insulating materials, sales, index 1947-49=100.....	154	148	137	156	149	154	153	127	142	154	160	144	151	150		
Motors and generators:																
New orders, index, qtrly.....do.....	146			142			155			154						
New orders (gross):																
Polychase induction motors, 1-200 hp.....mil. \$..	12.4	12.4	11.1	13.1	12.0	12.6	13.3	11.1	12.8	13.7	12.7	12.1	13.3	12.4	13.5	
D.C. motors and generators, 1-200 hp.....do.....	2.2	2.6	2.4	2.6	2.9	2.5	3.0	1.9	3.3	2.9	2.5	2.1	2.3	2.6	3.4	

* Revised. ¹ Quarterly average. ² For month shown. ³ Data cover 5 weeks; other months, 4 weeks. ⁴ Data cover 6 weeks. ⁵ Includes data not shown separately. ⁶ Producers' stocks, elsewhere, end of Mar. 1964, 18,700 tons. ⁷ New series. Shipments (from The Institute of Boiler and Radiator Manufacturers) represent the following approximate percentages of total industry shipments: Convectors, 90 to 95%; radiators and baseboards, 80 to 85%. ⁸ Includes data for built-in gas fired oven-broiler units; shipments of cooking tops, not included in figures above, totaled 26,700 units in Dec. 1963. ⁹ Revised. In addition to

fuel fired and electric processing furnaces, data include orders for industrial ovens and atmospheric generating and combustion equipment and miscellaneous orders received by members of the Industrial Heating Equipment Association. Monthly data back to 1958 are available. ¹⁰ Revisions for Jan. 1962-Jan. 1963 (thous.): 131.4; 134.6; 157.8; 133.5; 135.5; 148.8; 116.1; 130.8; 156.9; 143.0; 139.2; 144.4; 129.0. ¹¹ Radio production comprises table, portable battery, auto, and clock models; beginning Jan. 1964, television sets include figures for color sets.

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

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production.....thous. sh. tons..	1,408	1,609	1,345	1,595	1,492	1,682	1,783	1,326	1,959	1,690	1,809	1,405	1,608	1,527	1,311	1,171
Exports.....do.....	156	279	184	266	195	340	286	212	420	407	345	319	309	248		
Prices:																
Retail, stove, composite.....\$ per sh. ton..	28.63	29.39	29.14	29.14	29.14	28.30	28.62	28.84	29.04	29.79	30.00	30.54	30.95	31.35	31.40	
Wholesale, chestnut, f.o.b. mine.....do.....	13.050	13.195	13.930	13.930	12.180	12.180	12.565	12.775	12.985	13.510	13.510	14.420	14.420	14.492		
Bituminous:																
Production.....thous. sh. tons..	35,178	37,667	34,004	33,582	37,974	40,919	38,862	27,629	41,650	39,710	44,195	38,228	38,491	40,430	34,280	36,220
Industrial consumption and retail deliveries, total ¹.....thous. sh. tons..	32,314	34,106	35,862	34,872	31,287	31,885	31,401	31,615	32,470	31,596	33,814	34,388	40,199	39,768	36,762	
Electric power utilities.....do.....	15,903	17,420	17,624	17,073	15,378	15,717	16,191	17,053	17,649	16,566	17,593	17,783	20,727	20,359	18,732	
Mfg. and mining industries, total.....do.....	14,006	14,668	14,310	15,496	14,864	15,239	14,426	13,649	13,583	13,405	14,612	14,615	16,329	16,411	15,533	
Coke plants (oven and beehive).....do.....	6,188	6,474	5,753	6,719	6,913	7,319	6,948	6,545	6,112	6,039	6,370	6,241	6,370	6,789	6,542	
Retail deliveries to other consumers.....do.....	2,349	1,962	3,928	2,302	1,011	830	703	841	1,153	1,536	1,511	1,905	3,118	2,968	2,496	
Stocks, industrial and retail dealers', end of month, total ².....thous. sh. tons..	67,960	65,692	59,473	56,959	59,764	64,551	67,638	63,318	67,002	69,388	72,708	73,383	70,083	66,536	64,430	
Electric power utilities.....do.....	46,665	46,139	41,454	39,704	41,554	45,157	46,799	44,625	46,912	49,138	51,722	52,383	49,314	46,422	44,961	
Mfg. and mining industries, total.....do.....	20,845	19,103	17,677	16,949	17,907	19,033	20,381	18,199	19,555	19,712	20,423	20,391	20,270	19,659	19,121	
Oven-coke plants.....do.....	9,044	7,373	7,233	6,595	6,883	7,648	8,202	6,386	6,919	7,290	7,912	8,054	8,014	7,780	7,900	
Retail dealers.....do.....	449	450	342	306	361	361	458	494	535	538	563	609	499	455	348	
Exports.....do.....	3,201	3,923	2,548	2,722	3,561	4,573	4,110	3,685	5,325	5,266	5,029	4,500	3,536	3,152		
Prices:																
Retail, composite.....\$ per sh. ton..	17.30	17.46	17.63	17.63	17.62	17.14	17.04	17.13	17.13	17.46	17.69	17.73	17.83	17.89	17.89	
Wholesale:																
Screenings, indust. use, f.o.b. mine.....do.....	14.918	14.748	4.752	4.757	4.726	4.746	4.753	4.757	4.752	4.752	4.745	4.748	4.748	4.748	4.748	
Domestic, large sizes, f.o.b. mine.....do.....	17.443	17.014	7.279	7.184	6.754	6.533	6.633	6.813	6.886	7.061	7.231	7.257	7.257	7.285	7.285	
COKE																
Production:																
Beehive.....thous. sh. tons..	68	78	66	66	86	100	95	81	76	75	76	76	79	82	78	
Oven (byproduct).....do.....	4,258	4,441	3,955	4,628	4,741	4,964	4,785	4,467	4,201	4,158	4,391	4,290	4,629	4,661	4,487	
Petroleum coke ³.....do.....	1,312	1,344	1,236	1,337	1,296	1,301	1,320	1,407	1,385	1,350	1,367	1,355	1,457	1,440		
Stocks, end of month:																
Oven-coke plants, total.....do.....	3,899	3,001	3,496	3,322	3,186	2,792	2,631	2,618	2,730	2,801	2,888	2,899	2,881	2,831	2,700	
At furnace plants.....do.....	2,796	2,301	2,622	2,474	2,354	2,057	1,967	1,952	2,089	2,185	2,304	2,379	2,394	2,380	2,282	
At merchant plants.....do.....	1,103	700	874	848	831	735	664	666	641	616	584	520	486	451	418	
Petroleum coke.....do.....	1,053	1,200	1,204	1,201	1,181	1,188	1,129	1,157	1,152	1,171	1,195	1,381	1,297	1,284	1,199	
Exports.....do.....	33	38	21	31	60	61	63	44	39	33	23	41	19	19		
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed.....number..	1,781	1,691	1,593	1,611	1,721	1,737	1,542	1,860	1,809	1,725	1,633	1,480	1,768	1,567		
Price at wells (Okla.-Kansas).....\$ per bbl..	2.97	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.92	2.92	2.92	2.92	2.92	
Runs to stills.....mil. bbl..	255.8	264.2	251.4	269.0	249.7	263.9	263.6	272.7	273.5	260.2	266.9	261.0	269.3	273.3		
Refinery operating ratio.....% of capacity..	84	87	90	87	83	85	88	88	88	87	86	87	87	88		
All oils, supply, demand, and stocks:																
New supply, total.....mil. bbl..	317.4	327.6	311.0	334.6	325.3	329.1	312.9	333.7	333.1	316.8	331.8	322.5	336.7	363.1		
Production:																
Crude petroleum.....do.....	223.0	229.4	212.4	234.3	228.3	234.5	226.9	235.1	236.8	225.2	233.6	226.3	232.8	238.1		
Natural-gas liquids, benzol, etc.....do.....	31.1	33.4	32.1	34.4	32.0	33.1	31.9	33.3	34.0	32.8	34.1	34.3	35.6	36.4		
Imports:																
Crude petroleum.....do.....	34.3	34.4	30.9	36.1	32.6	34.5	31.9	38.2	36.7	34.9	31.4	34.2	30.3	30.6		
Refined products.....do.....	29.1	30.4	35.5	29.8	32.5	27.1	22.3	27.0	25.5	23.9	32.7	27.6	38.0	40.0		
Change in stocks, all oils (decrease,—).....do.....	1.0	.1	-33.4	11.5	24.5	18.1	19.7	19.3	12.3	11.0	11.7	2.9	-54.9	-22.8		
Demand, total.....do.....	316.4	327.5	344.4	323.1	300.8	311.0	293.2	314.4	320.8	305.8	320.1	319.6	391.6	385.8		
Exports:																
Crude petroleum.....do.....	.1	.1	.1	.1	.2	.2	.1	.2	.2	.1	.2	.1	.2	.1		
Refined products.....do.....	5.0	6.2	8.2	5.5	6.6	6.2	5.4	5.9	6.4	7.0	6.0	6.5	6.3	6.7		
Domestic demand, total ⁴.....do.....	311.3	321.2	336.2	317.5	294.1	304.7	287.6	308.3	314.3	298.7	313.8	313.0	385.1	379.0		
Gasoline.....do.....	132.1	136.2	115.3	128.3	138.2	143.3	140.7	150.0	151.1	134.0	142.0	132.9	134.7	130.5		
Kerosene.....do.....	13.7	14.4	19.0	14.2	10.1	10.2	9.8	10.9	12.4	13.3	12.5	15.4	21.9	21.2		
Distillate fuel oil.....do.....	61.0	62.3	88.4	71.9	48.9	48.2	39.7	40.3	43.0	50.5	49.5	61.5	102.2	96.1		
Residual fuel oil.....do.....	45.5	45.1	57.7	49.3	43.4	37.0	35.0	36.2	36.1	35.6	41.8	43.8	60.4	66.4		
Jet fuel.....do.....	9.4	9.7	8.4	7.7	9.5	10.9	8.7	10.8	11.8	10.2	10.9	9.1	8.8	9.7		
Lubricants.....do.....	3.6	3.6	3.1	3.4	3.8	4.1	3.8	3.7	4.0	3.4	4.3	3.3	2.9	4.0		
Asphalt.....do.....	9.5	9.8	2.8	4.4	5.9	14.4	13.8	16.5	16.2	14.6	14.2	6.9	4.1	3.3		
Liquefied gases.....do.....	21.3	19.5	23.5	18.2	15.4	15.1	14.8	17.0	17.2	16.1	17.6	20.9	29.5	27.8		
Stocks, end of month, total.....do.....	820.6	831.1	759.5	771.0	795.5	813.6	833.4	852.7	864.9	875.9	887.6	890.5	835.6	812.8		
Crude petroleum.....do.....	248.1	246.9	240.4	241.0	251.4	255.7	250.0	250.0	249.1	248.3	245.5	244.4	237.4	241.0		
Natural-gas liquids.....do.....	35.2	33.8	20.9	23.9	27.2	31.6	35.4	38.8	41.4	43.1	43.8	42.1	33.7	28.4		
Refined products.....do.....	537.3	550.4	498.3	506.0	517.0	526.4	547.9	563.9	574.5	584.6	598.3	604.0	564.5	543.3		
Refined petroleum products:																
Gasoline (incl. aviation):																
Production.....do.....	131.9	135.7	123.7	132.7	126.9	133.4	136.8	141.5	144.0	135.7	138.2	135.6	144.1	142.4		
Exports.....do.....	.5	.6	.7	.5	.6	.2	.7	.5	.5	.7	.8	.7	.9	.6		
Stocks, end of month.....do.....	188.6	192.8	209.4	214.7	204.8	195.7	192.6	184.7	178.3	181.3	178.3	181.3	190.9	203.2		
Prices (excl. aviation):																
Wholesale, ref. (Okla., group 3).....\$ per gal..	.113	.109	.093	.110	.115	.120	.125	.115	.108	.115	.110	.090	.105	.105	.105	
Retail (regular grade, excl. taxes), 55 cities (1st of following mo.).....\$ per gal..	.204	.201	.193	.198	.204	.192	.208	.208	.208	.200	.197	.201	.204	.196	.199	.199

¹ Revised. ² Preliminary.
³ Monthly average based on Apr.-Dec. data.
⁴ Data beginning Jan. 1963 not entirely comparable with those for earlier periods.

⁵ Beginning Jan. 1963, data exclude condensate wells formerly included.
⁶ See note 1 for p.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963										1964			
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																
Refined petroleum products—Continued																
Aviation gasoline:																
Production.....mil. bbl.	10.2	10.4	9.1	10.7	10.5	11.2	10.9	11.0	11.2	9.5	10.0	9.8	10.8	10.4		
Exports.....do.	.4	.4	.5	.4	.3	.1	.5	.3	.3	.5	.5	.5	.6	.4		
Stocks, end of month.....do.	10.5	10.7	11.7	12.3	12.2	12.0	11.6	10.4	9.5	9.6	9.3	8.8	9.4	9.7		
Kerosene:																
Production.....do.	13.1	13.8	15.1	14.5	13.6	11.9	11.7	12.9	12.5	12.2	14.9	14.8	16.2	17.3		
Exports.....do.	30.6	31.7	22.4	23.2	27.3	29.6	32.3	35.2	36.2	36.0	39.1	39.1	34.1	30.9		
Stocks, end of month.....do.																
Price, wholesale, bulk lots (N.Y. Harbor) \$ per gal.	.104	.102	.106	.106	.106	.101	.101	.101	.101	.096	.096	.099	.104	.104		
Distillate fuel oil:																
Production.....mil. bbl.	60.0	63.8	66.6	68.4	57.3	60.2	60.1	62.4	63.3	63.2	63.9	62.9	65.8	67.5		
Imports.....do.	1.0	.8	.8	.6	.6	.6	.7	.7	.6	.7	.9	1.0	.8	1.6		
Exports.....do.	.7	1.2	3.0	1.1	1.2	1.2	1.0	1.0	1.1	1.4	1.1	1.3	.4	1.2		
Stocks, end of month.....do.	133.4	135.8	87.8	83.9	91.7	103.2	123.4	145.2	165.2	177.2	191.4	192.6	156.7	128.5		
Price, wholesale (N.Y. Harbor, No. 2 fuel) \$ per gal.	.092	.092	.096	.096	.096	.091	.091	.091	.091	.086	.086	.089	.094	.094		
Residual fuel oil:																
Production.....mil. bbl.	24.6	23.1	25.3	25.4	21.5	21.0	21.8	21.7	21.8	21.5	21.0	22.5	25.0	25.8		
Imports.....do.	22.0	22.9	30.3	24.0	24.8	19.1	15.3	18.1	16.9	15.7	23.2	20.7	31.6	39.7		
Exports.....do.	1.1	1.3	1.5	1.1	1.3	1.3	1.0	1.1	1.4	1.7	1.0	1.8	1.3	1.6		
Stocks, end of month.....do.	46.6	48.6	43.6	42.9	44.7	46.6	48.1	50.9	52.5	52.6	54.4	52.2	47.5	45.4		
Price, wholesale (Okla., No. 6) \$ per bbl.	1.58	1.57	1.65	1.65	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.80		
Jet fuel (military grade only):																
Production.....mil. bbl.	8.6	8.3	7.1	8.4	8.2	8.6	9.0	9.1	8.9	8.5	7.8	8.3	7.8	7.8		
Stocks, end of month.....do.	8.7	9.4	9.0	9.8	9.3	9.6	10.2	10.2	9.6	9.3	8.6	8.9	8.5	8.5		
Lubricants:																
Production.....do.	5.1	5.3	4.8	5.1	5.2	5.5	5.3	5.6	5.4	5.4	5.4	5.3	5.0	5.2		
Imports.....do.	1.5	1.5	1.3	1.4	1.9	1.8	1.3	1.8	1.5	1.6	1.5	1.4	1.8	1.2		
Exports.....do.	12.8	13.7	13.8	14.1	13.7	13.2	13.4	13.4	13.4	13.8	13.4	14.0	14.3	14.3		
Stocks, end of month.....do.																
Price, wholesale, bright stock (midcontinent, f.o.b., Tulsa) \$ per gal.	.261	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270		
Asphalt:																
Production.....mil. bbl.	9.1	9.3	4.6	6.5	8.6	11.1	12.1	12.9	13.2	12.4	11.3	8.2	6.2	4.4		
Stocks, end of month.....do.	16.3	16.7	18.2	20.7	23.8	20.9	19.8	16.8	14.5	12.8	10.4	11.9	14.4	15.8		
Liquefied petroleum gases:																
Production.....do.	6.4	14.7	4.4	4.9	4.8	5.0	4.9	5.0	4.9	4.4	4.2	4.2	5.0	5.0		
Transfers from gasoline plants.....do.	14.9	14.9	18.5	14.0	11.1	11.1	10.6	12.7	12.8	12.1	13.5	16.5	23.3	22.1		
Stocks (at plants, terminals, underground, and at refineries), end of mo.....mil. bbl.	33.6	30.2	15.8	18.7	22.5	27.2	31.9	35.5	38.5	41.2	41.8	39.4	30.3	24.3		
Asphalt and tar products, shipments: ¹																
Asphalt roofing, total.....thous. squares.	5,367	5,372	2,259	3,521	5,677	6,525	6,309	7,684	6,954	6,419	7,114	4,604	3,103	3,134	4,521	
Roll roofing and cap sheet.....do.	1,913	2,009	922	1,453	2,076	2,311	2,167	2,746	2,602	2,450	2,764	1,810	1,214	1,213	1,610	
Shingles, all types.....do.	3,454	3,363	1,337	2,068	3,601	4,214	4,142	4,938	4,352	3,969	4,350	2,794	1,888	1,920	2,911	
Asphalt siding.....do.	67	66	32	45	57	62	58	78	78	81	102	85	52	43	60	
Insulated siding.....do.	77	70	28	49	76	84	81	93	100	93	102	56	37	31	36	
Saturated felts.....thous. sh. tons.	82	82	48	67	89	93	89	109	95	83	98	74	60	67	88	

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																	
Pulpwood:																	
Receipts.....thous. cords (128 cu. ft.)	3,668	3,816	3,649	3,919	3,517	3,772	3,574	3,656	4,370	3,945	4,335	3,821	3,495	4,030			
Consumption.....do.	3,673	3,847	3,601	3,922	3,812	4,006	3,860	3,555	4,150	3,754	4,102	3,975	3,626	4,055			
Stocks, end of month.....do.	5,225	5,124	5,470	5,407	5,137	4,897	4,652	4,819	5,180	5,118	5,353	5,116	4,976	4,936			
Waste paper:																	
Consumption.....thous. sh. tons.	756	729	691	745	739	775	742	663	762	737	797	710	668	741			
Stocks, end of month.....do.	498	501	461	510	526	510	509	529	515	494	506	465	514	490			
WOODPULP																	
Production:																	
Total, all grades.....thous. sh. tons.	2,326	2,453	2,279	2,530	2,421	2,578	2,397	2,308	2,576	2,390	2,631	2,593	2,283	2,605			
Dissolving and special alpha.....do.	106	114	115	114	103	116	122	108	121	106	124	120	97	138			
Sulfate.....do.	1,358	1,458	1,353	1,519	1,437	1,535	1,424	1,361	1,549	1,416	1,555	1,551	1,357	1,528			
Non-sulfate.....do.	214	224	213	232	229	233	210	209	229	211	242	230	229	231			
Groundwood.....do.																	
Defibrated or exploded.....do.	283	289	273	296	289	306	276	274	295	280	310	308	280	327			
Soda, semichem., screenings, etc.....do.	104	117	114	123	113	117	113	111	120	124	125	124	106	124			
Stocks, end of month:																	
Total, all mills.....do.	878	713	682	721	729	710	721	721	721	706	707	731	717	739			
Pulp mills.....do.	297	263	266	271	282	274	279	256	252	243	246	264	235	266			
Paper and board mills.....do.	509	372	341	376	369	358	364	380	378	381	384	394	408	396			
Nonpaper mills.....do.	72	78	76	74	77	78	79	85	90	82	77	73	75	77			
Exports, all grades, total.....do.																	
Dissolving and special alpha.....do.	99	118	136	116	97	148	108	120	130	128	116	106	142	132	120		
All other.....do.	40	44	60	46	34	56	37	39	48	55	41	38	49	43			
All other.....do.	59	75	76	71	62	92	71	80	82	73	76	67	93	89			
Imports, all grades, total.....do.																	
Dissolving and special alpha.....do.	232	231	226	236	226	222	256	229	242	220	258	225	236	235	236		
All other.....do.	23	22	21	22	28	22	24	21	21	16	23	19	22	22			
All other.....do.	210	210	205	214	198	200	231	208	221	204	235	206	214	213			
PAPER AND PAPER PRODUCTS																	
Paper and board:																	
Production (Bu. of the Census):																	
All grades, total, seas. adj.....thous. sh. tons.			3,243	3,172	3,193	3,293	3,158	3,325	3,306	3,227	3,300	3,319	3,287	3,370			
All grades, total, unadjusted.....do.	3,137	3,251	3,104	3,317	3,245	3,419	3,273	3,014	3,456	3,200	3,514	3,314	2,973	3,355			
Paper.....do.	1,382	1,436	1,378	1,467	1,455	1,504	1,408	1,312	1,508	1,387	1,540	1,481	1,375	1,533			
Paperboard.....do.	1,458	1,507	1,465	1,560	1,482	1,574	1,544	1,387	1,605	1,496	1,620	1,529	1,334	1,527			
Wet-machine board.....do.	14	11	11	12	11	13	13	9	11	11	12	11	10	11			
Construction paper and board.....do.	284	297	249	279	297	325	309	306	333	306	343	293	254	284			

¹ Revised. ² Preliminary. ³ Beginning Jan. 1963, data for the indicated items exclude certain oils which have been reclassified as petrochemical feedstocks.

⁴ Effective Jan. 1963, "screenings, etc." included with "defibrated or exploded."

⁵ Effective Jan. 1963, excludes stocks of "own pulp" at paper and board mills.

⁶ Revisions for Jan. 1962-Jan. 1963 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

PULP, PAPER, AND PAPER PRODUCTS—Continued

PAPER AND PAPER PRODUCTS—Con.																
Paper and board—con.																
New orders (American Paper and Pulp Assoc.):																
All grades, paper and board.....thous. sh. tons..	3,131	3,271	3,111	3,354	3,344	3,362	3,265	3,170	3,424	3,308	3,523	3,193	2,952			
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	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
Paperboard.....do.....	93.1	94.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	96.6	96.6	96.5	96.5
Building paper and board.....do.....	97.2	96.3	95.5	94.1	95.5	96.2	97.5	97.5	97.5	97.6	96.9	95.9	96.0	96.0	96.0	96.0
Selected types of paper (APPA): †																
Fine paper:																
Orders, new.....thous. sh. tons..	166	174	171	182	174	177	170	164	179	171	192	173	157	181		
Orders, unfilled, end of month.....do.....	88	99	106	104	98	94	92	103	102	103	108	100	90	76		
Production.....do.....	170	177	166	180	181	188	178	159	185	177	190	180	169	182		
Shipments.....do.....	168	174	172	186	171	179	175	160	187	170	190	179	153	178		
Printing paper:																
Orders, new.....do.....	412	455	432	480	476	459	454	432	457	472	484	443	426	473		
Orders, unfilled, end of month.....do.....	370	395	384	409	422	402	424	396	395	410	394	378	386	363		
Production.....do.....	409	446	420	449	454	466	445	412	471	439	478	457	437	456		
Shipments.....do.....	409	446	420	449	454	466	445	412	471	439	478	456	437	456		
Coarse paper:																
Orders, new.....do.....	346	355	350	367	337	376	334	323	369	366	383	364	332	368		
Orders, unfilled, end of month.....do.....	154	164	172	165	153	148	151	153	167	182	185	180	155	159		
Production.....do.....	350	353	352	368	354	373	328	311	372	340	373	377	341	367		
Shipments.....do.....	343	350	344	365	346	371	327	311	363	356	366	370	343	366		
Newsprint:																
Canada:																
Production.....do.....	558	553	444	513	550	599	539	551	586	551	630	613	535	564	549	566
Shipments from mills.....do.....	557	552	420	458	554	634	565	575	576	580	638	611	578	533	491	540
Stocks at mills, end of month.....do.....	249	268	287	342	338	304	278	255	265	235	227	229	186	217	275	301
United States:																
Production.....do.....	179	185	174	193	184	204	181	173	191	164	194	190	180	198	174	190
Shipments from mills.....do.....	180	184	168	187	193	201	177	183	178	172	193	189	184	189	186	193
Stocks at mills, end of month.....do.....	39	37	37	43	34	37	40	31	44	36	37	38	34	43	32	29
Consumption by publishers [§]do.....	465	465	356	435	490	516	483	421	443	490	529	524	522	455	452	518
Stocks at and in transit to publishers, end of month [§]thous. sh. tons..	586	588	604	583	570	585	561	615	632	606	588	559	545	569	572	550
Imports.....do.....	450	451	367	347	470	494	448	497	455	455	522	463	536	444	409	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered.....\$ per sh. ton..	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40
Paperboard (National Paperboard Assoc.): §																
Orders, new.....thous. sh. tons..	1,488	1,548	1,417	1,596	1,547	1,607	1,524	1,506	1,725	1,523	1,723	1,529	1,422	1,569	1,613	1,678
Orders, unfilled, end of month.....do.....	468	523	464	485	483	471	472	601	574	611	616	545	494	537	538	532
Production, total.....do.....	1,486	1,539	1,413	1,572	1,535	1,640	1,527	1,396	1,707	1,477	1,724	1,612	1,450	1,514	1,603	1,678
Percent of activity.....do.....	92	94	95	97	94	94	95	84	98	92	99	97	86	88	91	92
Paper products:																
Shipping containers, corrugated and solid fiber, shipments.....mil. sq. ft. surf. area..	10,181	10,649	9,407	10,645	10,374	11,219	10,401	10,108	11,804	10,797	12,457	10,598	9,803	10,833	10,460	11,039
Folding paper boxes, shipments, index of physical volume.....1947-49=100..	124.1	126.1	112.5	126.0	123.7	131.2	123.9	120.3	135.5	129.6	141.7	119.8	130.8	124.4	114.0	121.2

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. lg. tons..	38.56	37.50	37.58	40.71	40.66	39.29	35.77	32.38	35.08	35.77	41.88	34.72	35.13	39.59	36.66	
Stocks, end of month.....do.....	68.47	72.64	80.58	82.92	79.39	79.24	77.76	75.19	73.00	68.88	64.30	61.32	59.83	62.44	64.34	
Imports, incl. latex and guayule.....do.....	35.13	31.60	48.75	33.88	36.24	34.14	25.57	25.72	31.68	26.24	30.58	27.09	28.61	38.78		
Price, wholesale, smoked sheets (N.Y.)...\$ per lb..	285	263	284	271	270	270	270	265	253	230	255	258	240	235	236	256
Synthetic rubber:																
Production.....thous. lg. tons..	131.20	134.03	128.47	140.66	139.33	140.06	132.99	130.78	127.30	124.59	129.87	134.81	140.95	143.59	140.18	
Consumption.....do.....	104.66	109.08	103.53	112.94	114.96	115.16	103.73	92.59	100.43	105.98	127.87	109.32	107.46	120.74	111.12	
Stocks, end of month.....do.....	257.15	281.03	274.32	273.34	272.18	271.36	281.79	296.83	296.27	292.20	275.28	275.28	282.29	279.51	283.20	
Exports.....do.....	25.31	23.60	29.93	28.36	27.38	26.92	20.04	24.00	27.27	21.33	22.51	22.90	24.86	24.00		
Reclaimed rubber:																
Production.....do.....	23.38	23.43	22.50	26.88	25.68	25.02	22.76	21.10	20.06	22.40	25.98	21.23	22.15	25.11	21.75	
Consumption.....do.....	21.95	21.82	22.01	23.30	23.86	23.42	21.32	17.76	19.11	21.56	25.45	20.48	20.07	22.99	20.75	
Stocks, end of month.....do.....	29.77	30.42	28.52	29.67	29.68	29.32	29.65	32.12	31.22	32.26	31.20	30.10	31.15	31.47	30.51	
TIRES AND TUBES																
Pneumatic casings:																
Production.....thous.....	11,156	11,594	11,709	12,541	12,558	12,134	11,195	10,182	9,368	10,540	13,469	11,502	11,496	12,681	11,835	
Shipments, total.....do.....	11,055	11,551	9,235	11,136	13,843	12,503	11,943	12,681	9,558	11,232	14,021	10,740	10,491	12,640	10,406	
Original equipment.....do.....	3,495	3,919	3,600	4,060	4,244	4,261	4,075	3,507	3,562	3,562	5,163	4,366	4,470	4,337	4,067	
Replacement equipment.....do.....	7,430	7,503	5,509	6,942	9,457	8,110	7,737	9,044	7,819	7,552	8,700	6,243	5,888	8,194	6,209	
Export.....do.....	130	129	126	134	142	132	131	131	132	117	158	117	134	110	130	
Stocks, end of month.....do.....	27,086	29,978	31,693	33,193	32,137	31,919	31,226	28,830	28,652	27,889	27,469	28,272	29,407	29,544	31,090	
Exports (Bu. of Census).....do.....	89	82	97	100	102	83	78	97	81	78	86	82	73	77		
Inner tubes:																
Production.....do.....	3,403	3,305	3,595	3,657	3,529	3,694	3,183	3,021	2,792	2,860	3,408	2,827	3,138	3,914	3,673	
Shipments.....do.....	3,442	3,398	3,572	3,475	3,500	3,168	2,933	3,650	3,032	3,115	3,506	2,958	2,799	5,415	3,613	
Stocks, end of month.....do.....	8,913	9,462	8,974	9,297	9,440	10,111	10,437	9,818	9,576	9,180	9,155	9,088	9,529	8,201	8,424	
Exports (Bu. of Census).....do.....	81	76	92	110	85	84	62	90	61	82	85	77	75	55		

† Revised. ‡ Preliminary. § Revised Jan. 1963 figure is 3,247 thous. sh. tons.
 ¶ Effective Jan. 1964, compiled on basis of 6.5 days per week (formerly, 6 days); not comparable with earlier data (on new basis, rate of activity in 1963 averaged 87 percent; in 1962, 85 percent).

† 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.
 § Data for 1963 do not reflect revisions recently issued.

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

STONE, CLAY, AND GLASS PRODUCTS

PORTLAND CEMENT																
Production, finished cement.....thous. bbl.	28,027	29,441	14,750	21,525	29,314	34,497	34,992	36,802	37,452	34,682	36,624	30,377	23,993	18,931	19,729	
Percent of capacity.....	75	74	42	54	75	86	89	91	93	88	90	77	59	46	51	
Shipments, finished cement.....thous. bbl.	27,893	29,354	14,735	21,490	30,249	35,208	35,431	39,145	40,257	36,547	41,352	26,317	16,958	17,425	17,597	
Stocks, end of month:																
Finished.....do.....	36,720	38,032	42,293	42,333	41,416	40,704	40,322	38,057	35,209	33,236	28,485	32,401	39,556	41,047	43,180	
Clinker.....do.....	24,160	23,072	28,093	31,802	31,908	30,142	27,332	23,884	19,774	17,400	13,631	13,820	16,793	21,741	25,610	
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face) mil. standard brick.....	576.1	616.5	344.7	523.0	718.1	746.8	691.0	746.5	743.5	684.2	775.2	622.0	431.7	428.7		
Structural tile, except facing.....thous. sh. tons.....	35.2	31.4	24.7	31.2	38.0	35.9	35.7	38.9	35.0	30.3	33.5	26.8	22.8	26.5		
Sewer pipe and fittings, vitrified.....do.....	142.8	145.8	79.0	112.7	167.8	175.2	171.5	176.1	186.9	171.1	186.4	135.6	97.9	94.8		
Facing tile (hollow), glazed and unglazed mil. brick equivalent.....	34.4	30.5	20.9	25.6	32.5	36.3	33.6	33.4	34.0	30.6	36.5	30.1	26.6	23.7		
Floor and wall tile and accessories, glazed and unglazed.....mil. sq. ft.....	21.1	22.1	18.6	21.2	22.4	23.6	23.5	23.3	24.5	22.8	24.5	21.6	19.9	20.9		
Price index, brick (common), f.o.b. plant or N.Y. dock.....1957-59=100.....	104.9	106.1	105.8	105.8	106.4	106.4	106.4	106.4	106.4	105.8	105.8	105.9	106.1	106.1		
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments (qtrly. total and qtrly. average).....thous. \$.....	71,497	78,274		67,441			75,501			80,857			89,298			
Sheet (window) glass, shipments.....do.....	31,612	35,370		28,423			32,976			38,766			41,314			
Plate and other flat glass, shipments.....do.....	39,885	42,904		39,018			42,525			42,091			47,984			
Glass containers:																
Production.....thous. gross.....	14,655	15,143	13,387	15,630	15,183	15,963	16,250	16,199	17,092	14,807	15,660	14,254	12,706	14,424	14,704	
Shipments, domestic, total.....do.....	14,319	14,722	12,078	14,898	14,531	15,805	15,879	15,568	17,722	14,806	15,484	13,281	13,384	13,714	13,397	
General-use food:																
Narrow-neck food.....do.....	1,582	1,598	1,196	1,401	1,419	1,458	1,395	1,849	2,272	2,759	1,828	1,186	1,204	1,331	1,294	
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars).....thous. gross.....	4,110	4,100	3,568	3,933	3,736	3,988	4,030	4,045	5,278	4,131	4,633	3,847	3,848	4,181	4,054	
Beverage.....do.....	1,187	1,350	843	1,413	1,540	1,903	2,141	1,969	1,430	858	921	959	1,382	845	987	
Beer bottles.....do.....	2,183	2,453	1,570	2,502	2,758	2,977	3,215	3,264	2,983	1,971	2,157	2,101	2,286	2,054	2,137	
Liquor and wine.....do.....	1,269	1,294	1,116	1,328	1,283	1,346	1,345	1,049	1,333	1,337	1,640	1,321	1,228	1,286	1,293	
Medicinal and toilet.....do.....	3,066	3,062	2,934	3,390	2,889	3,213	2,876	2,588	3,431	2,931	3,402	3,095	2,704	3,263	2,956	
Chemical, household and industrial.....do.....	786	739	750	824	800	804	769	681	813	681	764	648	584	639	602	
Dairy products.....do.....	134	127	101	107	106	116	108	123	182	138	139	124	148	115	94	
Stocks, end of month.....do.....	22,921	25,533	24,504	25,450	26,034	26,147	26,210	26,459	26,070	25,162	25,562	26,320	25,552	26,067	25,893	
GYPSUM AND PRODUCTS																
Crude gypsum, qtrly. avg. or total:																
Imports.....thous. sh. tons.....	1,355	1,372		1,016			1,532			1,565			1,375			
Production.....do.....	2,492	2,542		2,140			2,702			2,902			2,425			
Calcined, production, qtrly. avg. or total.....do.....	2,205	2,206		2,035			2,403			2,518			2,226			
Gypsum products sold or used, qtrly. avg. or total:																
Uncalcined uses.....thous. sh. tons.....	1,012	1,027		685			1,211			1,263			947			
Industrial uses.....do.....	67	70		68			72			70			69			
Building uses:																
Plasters:																
Base coat.....do.....	256	259		237			283			284			232			
All other (incl. Keene's cement).....do.....	257	250		201			260			289			240			
Lath.....mil. sq. ft.....	396.2	387.3		345.8			401.3			437.0			365.6			
Wallboard.....do.....	1,657.9	1,777.4		1,552.4			1,832.2			1,994.8			1,730.1			
All other\$.....do.....	58.9	62.0		49.4			68.8			69.0			60.9			

TEXTILE PRODUCTS

WOVEN FABRICS																
Woven fabrics (gray goods), weaving mills: ⊕																
Cloth woven, total.....mil. linear yd.....	975.5	981.9	923.5	940.4	1,131.4	929.4	929.4	1,923.2	934.4	939.8	1,179.7	957.0	887.1			
Cotton.....do.....	760.2	756.9	712.4	723.3	1,881.4	713.9	710.0	1,710.7	720.9	719.1	1,915.3	736.3	684.2			
Stocks, end of year or mo., total⊖.....do.....	1,488.0	1,509.3	1,541.1	1,496.1	1,473.8	1,490.1	1,518.0	1,491.5	1,506.1	1,505.0	1,475.7	1,494.5	1,564.0			1,893.8
Cotton⊖.....do.....	1,192.5	1,176.7	1,221.6	1,179.0	1,152.1	1,153.4	1,165.0	1,133.6	1,158.5	1,164.0	1,149.9	1,168.0	1,235.6			1,157.1
Orders (unfilled), end of year or mo., total⊖.....do.....	2,472.3	2,491.5	2,285.0	2,344.5	2,247.2	2,271.3	2,311.0	2,436.3	2,506.4	2,546.1	2,827.9	2,968.9	2,892.8			
Cotton⊖.....do.....	1,848.9	1,890.8	1,661.1	1,708.8	1,629.1	1,637.5	1,672.1	1,760.3	1,798.8	1,848.8	2,023.4	2,127.1	2,084.8			1,882.5
COTTON																
Cotton (exclusive of linters):																
Production:																
GinningsΔ.....thous. running bales.....	214,864	215,289						245	1,328	4,774	10,065	12,834	14,070	15,124		
Crop estimate, equivalent 500-lb. bales.....do.....	214,867	215,324			1,809	694	662	1,685	667	663	1,829	678	605	1,814	683	673
Consumption ⊙.....thous. bales.....	726	700	656	666												
Stocks in the United States, end of mo., total ⊙.....thous. bales.....	14,790	17,776	15,923	14,930	13,833	12,814	11,921	11,216	24,531	24,046	23,360	22,296	21,170	19,561	18,407	
Domestic cotton, total ⊙.....do.....	14,687	17,648	15,795	14,809	13,720	12,708	11,822	11,123	24,395	23,899	23,207	22,146	21,019	19,422	18,277	
On farms and in transit.....do.....	3,465	3,527	3,691	595	526	290	311	280	13,532	11,230	6,948	4,391	2,354	1,267	1,066	
Public storage and compresses ⊙.....do.....	9,564	12,762	13,479	12,551	11,543	10,894	10,183	9,647	9,807	11,688	15,209	16,510	17,260	16,557	15,539	14,664
Consuming establishments.....do.....	1,658	1,359	1,625	1,663	1,651	1,524	1,328	1,196	1,056	981	1,050	1,245	1,405	1,598	1,672	1,716
Foreign cotton, total ⊙.....do.....	103	128	128	121	113	106	99	93	136	147	153	149	151	139	118	

⊕ Revised. Δ Data cover 5 weeks; other months, 4 weeks. ⊖ Total crop for year. ⊙ 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.-Dec. 1962 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		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

TEXTILE PRODUCTS—Continued

COTTON—Continued																
Cotton (exclusive of linters)—Continued																
Exports.....thous. bales.....	321	363	522	440	299	310	244	183	274	361	384	501	628	587	570	-----
Imports.....do.....	12	11	2	5	2	2	5	3	79	4	24	5	1	1	3	-----
Prices (farm), American upland.....cents per lb.....	131.7	^p 31.9	30.9	32.5	33.1	32.6	32.5	31.8	32.0	32.7	32.9	32.5	31.3	30.1	29.4	30.7
Prices, middling 1 ¹ / ₂ , avg., 15 markets.....do.....	133.5	^p 33.1	33.8	34.0	34.1	34.1	33.9	33.4	33.2	33.1	33.1	33.1	33.2	33.2	33.3	33.4
Cotton linters:																
Consumption.....thous. bales.....	109	111	105	108	³ 130	112	115	⁸ 99	114	106	³ 131	100	99	³ 129	111	108
Production.....do.....	141	135	171	150	113	79	48	38	66	155	214	210	178	194	174	155
Stocks, end of mo.....do.....	635	674	829	834	791	717	620	555	485	502	571	657	709	770	793	806
COTTON MANUFACTURES																
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....thous.....	18,797	18,627	18,541	18,630	18,586	18,509	18,609	18,638	18,681	18,696	18,742	18,660	18,625	18,591	18,543	18,492
Consuming 100 percent cotton.....do.....	16,754	15,826	16,029	15,995	15,890	15,737	15,767	15,692	15,757	15,758	15,753	15,653	15,656	15,596	15,521	15,440
Spindle hours operated, all fibers, total.....mil.....	9,911	9,863	9,316	9,304	³ 11,482	9,277	9,280	⁸ 9,819	9,344	9,345	¹¹ 11,788	9,538	8,563	³ 11,579	9,494	9,294
Average per working day.....do.....	458	456	466	470	459	464	464	393	467	467	472	477	428	463	475	465
Consuming 100 percent cotton.....do.....	8,801	8,359	8,044	8,043	⁸ 9,771	7,856	7,833	⁸ 8,162	7,870	7,903	³ 9,903	8,000	7,220	³ 9,742	7,978	7,798
Cotton yarn, natural stock, on cones or tubes:																
Prices, f.o.b. mill:																
20/2, carded, weaving.....\$ per lb.....	.660	.644	.643	.643	.643	.643	.640	.640	.640	.645	.645	.650	.655	^p .655	-----	-----
36/2, combed, knitting.....do.....	.938	.912	.910	.909	.910	.910	.911	.911	.911	.911	.911	.920	.923	^p .923	-----	-----
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production, qtrly. avg. or total.....mil. lin. yd.....	^r 2,312	2,195	⁶ 2,218	^r 2,247	-----	-----	2,242	-----	-----	2,072	-----	-----	2,217	-----	-----	-----
Orders, unfilled, end of mo., as compared with avg. weekly production.....No. weeks' prod.....	10.8	10.6	9.4	9.7	9.4	9.3	9.6	12.6	10.1	10.5	11.5	12.3	12.8	11.0	10.1	-----
Inventories, end of mo., as compared with avg. weekly production.....No. weeks' prod.....	5.4	5.5	5.5	5.4	5.4	5.4	5.4	6.4	5.3	5.3	5.1	5.0	5.5	5.1	4.9	-----
Ratio of stocks to unfilled orders (at cotton mills), end of mo., seasonally adjusted.....	.51	.52	.62	.58	.60	.60	.56	.52	.49	.48	.41	.39	.42	.47	.51	-----
Exports.....thous. sq. yd.....	34,691	30,935	37,099	34,358	33,817	32,139	26,918	33,746	27,543	27,543	36,764	31,681	33,389	33,704	33,704	-----
Imports.....do.....	38,671	38,173	52,933	56,323	52,501	35,783	32,832	39,150	35,263	31,087	33,606	22,672	35,266	42,685	-----	-----
Mill margins.....cents per lb.....	25.24	25.20	24.81	24.54	24.18	23.84	24.25	24.71	25.27	25.80	26.23	26.73	26.92	26.87	26.85	26.87
Prices, wholesale:																
Denim, mill finished.....cents per yd.....	39.6	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.2	37.7	37.7	37.7	37.7	^p 37.7	^p 37.7	-----
Print cloth, 39 inch, 68 x 72.....do.....	15.4	15.9	15.5	15.6	15.6	15.7	15.7	15.7	15.9	16.0	16.3	17.0	17.0	^p 17.0	^p 17.0	-----
Sheeting, class B, 40-inch, 48 x 44-48.....do.....	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.9	16.9	16.9	17.1	17.8	^p 17.8	^p 17.8	-----
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly. avg. or total.....mil. lb.....																
Filament yarn (rayon and acetate).....do.....	596.7	657.8	-----	613.4	-----	-----	641.6	-----	-----	670.0	-----	-----	706.0	-----	-----	-----
Staple, incl. tow (rayon).....do.....	181.5	177.4	-----	169.6	-----	-----	174.2	-----	-----	176.6	-----	-----	189.3	465.7	459.1	-----
Noncellulosic (nylon, acrylic, protein, etc.).....do.....	125.0	144.8	-----	139.3	-----	-----	141.2	-----	-----	146.0	-----	-----	152.6	456.6	450.4	-----
Textile glass fiber.....do.....	242.6	287.1	-----	259.4	-----	-----	278.2	-----	-----	298.8	-----	-----	311.9	-----	-----	-----
Exports.....thous. sq. yd.....	47.6	48.5	-----	45.1	-----	-----	48.0	-----	-----	48.6	-----	-----	52.2	-----	-----	-----
Imports:																
Yarns and monofilaments.....thous. lb.....	9,177	8,198	7,747	8,421	8,300	9,874	10,889	7,980	8,197	8,330	8,008	8,662	9,160	7,442	7,442	-----
Staple, tow, and tops.....do.....	4,281	4,184	4,467	3,046	4,056	4,346	3,139	4,715	4,679	4,003	5,556	6,080	4,309	2,499	2,499	-----
Imports:																
Yarns and monofilaments.....thous. lb.....	809	679	747	700	783	645	512	723	804	837	884	^r 487	510	529	529	-----
Staple, tow, and tops.....do.....	5,463	10,460	9,988	8,232	10,899	7,616	10,294	12,262	10,063	10,155	13,089	12,913	15,462	15,367	-----	-----
Stocks, producers', end of mo.:																
Filament yarn (rayon and acetate).....mil. lb.....	53.2	56.8	62.2	60.2	59.1	57.2	56.5	58.5	58.5	57.3	53.1	50.4	47.0	44.7	43.6	-----
Staple, incl. tow (rayon).....do.....	48.4	35.5	39.8	36.8	36.2	31.9	29.4	32.1	32.1	33.9	38.5	35.7	37.9	40.3	41.9	-----
Noncellulosic fiber.....do.....	⁵ 78.2	¹ 106.5	-----	99.9	-----	-----	92.2	-----	-----	109.7	-----	-----	124.2	-----	-----	-----
Textile glass fiber.....do.....	⁵ 27.0	³ 28.7	-----	28.5	-----	-----	28.0	-----	-----	27.9	-----	-----	30.3	-----	-----	-----
Prices, rayon (viscose):																
Yarn, filament, 150 denier.....\$ per lb.....	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82	^p .82	^p .82	-----
Staple, 1.5 denier.....do.....	.26	.27	.26	.26	.26	.27	.27	.28	.28	.28	.28	.28	.28	^p .28	^p .28	-----
Manmade fiber broadwoven fabrics:																
Production, qtrly. avg. or total.....mil. lin. yd.....	682.8	754.2	-----	738.9	-----	-----	757.5	-----	-----	725.0	-----	-----	795.5	-----	-----	-----
Rayon and acetate (excl. fire fabric).....do.....	397.0	428.5	-----	413.8	-----	-----	430.4	-----	-----	415.3	-----	-----	454.7	-----	-----	-----
Nylon and chiefly nylon mixtures.....do.....	75.9	73.7	-----	76.2	-----	-----	72.1	-----	-----	71.8	-----	-----	74.9	-----	-----	-----
Polyester and chiefly polyester blends.....do.....	147.8	188.2	-----	187.0	-----	-----	187.8	-----	-----	177.6	-----	-----	200.3	-----	-----	-----
Exports, piece goods.....thous. sq. yd.....	11,633	12,972	16,398	14,954	13,024	13,334	13,676	10,492	13,689	13,439	13,684	13,283	14,693	14,061	-----	-----
SILK																
Imports, raw.....thous. lb.....	539	532	267	341	301	487	492	427	591	536	767	806	792	565	-----	-----
Price, raw, AAA, 20-22 denier.....\$ per lb.....	6.03	-----	7.67	7.86	7.87	7.48	7.70	6.80	6.93	6.48	6.16	6.42	6.25	^p 5.97	-----	-----
Production, fabric, qtrly. avg. or total.....thous. lin. yd.....	5,951	4,497	-----	4,895	-----	-----	4,349	-----	-----	4,205	-----	-----	4,510	-----	-----	-----
WOOL																
Wool consumption, mill (clean basis): [†]																
Apparel class.....thous. lb.....	23,354	20,932	22,634	22,193	³ 25,218	21,198	21,510	² 21,125	20,107	18,126	³ 20,806	16,166	16,841	² 22,738	18,969	-----
Carpet class.....do.....	12,404	13,438	13,448	14,330	³ 16,163	13,813	11,127	³ 12,169	13,511	13,610	³ 15,961	12,040	10,696	³ 13,642	10,623	-----
Wool imports, clean yield.....do.....	23,088	23,864	37,253	32,156	24,983	24,747	20,065	29,637	22,217	16,039	20,576	13,728	25,896	21,593	21,625	-----
Duty-free (carpet class) [§]do.....	11,802	13,995	18,639	16,970	12,874	15,588	11,160	22,047	15,973	10,395	14,725	6,857	14,755	11,751	11,541	-----
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	1.275	1.300	1.325	1.325	1.325	1.325	1.325	1.425	1.425	1.450	1.450
Graded fleece, 3/8 blood.....do.....	1.090	1.175	1.154	1.160	1.151	1.125	1.140	1.175	1.175	1.175	1.205	1.226	1.255	1.255	1.255	1.255
Australian, 64s, 70s, good topmaking.....do.....	1.155	1.285	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.455	1.455	1.455	1.455
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	71,638	-----	76,988	-----	-----	78,166	-----	-----	67,583	-----	-----	63,813	-----	-----	-----
Apparel fabrics, total.....do.....	75,310	68,872	-----	73,640	-----	-----	75,246	-----	-----	65,544	-----	-----	61,057	-----	-----	-----
Women's and children's.....do.....	45,423	43,380	-----	41,654	-----	-----	46,837	-----	-----	45,451	-----	-----	39,577	-----	-----	-----
Suiting, price (wholesale), flannel, men's and boys, f.o.b. mill.....1957-59=100.....	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

^r Revised. ^p Preliminary. ¹ Season average. ² Season average to Feb. 1, 1964. ³ Data cover 5 weeks; other months, 4 weeks. ⁴ Data are for month shown. ⁵ Qtrly. average. ⁶ Revised 4th quarter 1962. ⁷ Includes data not shown separately. ⁸ Revisions for Aug.-Dec. 1962 are available. ⁹ Beginning Feb. 1963, price in skeins, AAA grade; comparable Jan. 1963 price, \$7.67 per pound.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963										1964			
	Monthly average		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TEXTILE PRODUCTS—Continued																
APPAREL																
Hostery, shipments.....thous. doz. pairs..	14,343	14,965	14,459	15,452	13,760	14,839	14,721	14,392	17,094	14,921	17,418	14,338	13,349	16,350	15,411	
Men's apparel, cuttings: †																
Tailored garments:																
Suits.....thous. units..	1,685	1,799	1,834	1,965	2,026	1,896	1,666	1,131	1,838	1,589	2,011	1,787	1,677	1,934		
Overcoats and topcoats.....do....	401	329	247	268	388	501	473	314	489	343	316	231	158	189		
Coats (separate), dress and sport.....do....	943	1,054	1,068	1,181	1,262	1,179	992	730	1,024	882	1,218	1,022	967	1,169		
Trousers (separate), dress and sport.....do....	9,527	9,120	8,349	9,229	9,659	10,486	9,595	8,876	10,214	8,843	9,480	8,383	7,384	9,560		
Shirts (woven fabrics), dress and sport.....thous. doz.	2,061	2,071	2,156	2,235	2,237	2,208	1,929	1,548	2,201	1,918	2,276	2,100	1,853	2,138		
Work clothing:																
Dungarees and waistband overalls.....do....	281	366	321	342	342	363	325	372	425	410	475	373	325	402		
Shirts.....do....	303	313	314	327	338	351	340	283	335	311	341	307	219	336		
Women's, misses', juniors' outerwear, cuttings: †																
Coats.....thous. units..	2,002	2,046	2,353	2,155	826	1,191	2,161	2,488	2,739	2,440	2,529	2,001	1,727	2,267		
Dresses.....do....	20,880	21,914	21,902	27,320	30,486	25,036	20,721	19,340	21,061	18,874	22,353	18,933	15,915	22,112		
Suits.....do....	806	828	1,123	1,041	682	595	734	813	813	636	858	796	770	1,300		
Blouses, waists, and shirts.....thous. doz.	1,370	1,363	1,400	1,538	1,617	1,359	1,180	1,263	1,371	1,263	1,640	1,351	1,041	1,428		
Skirts.....do....	656	825	705	776	896	945	874	935	1,005	804	978	690	607	741		

TRANSPORTATION EQUIPMENT

AEROSPACE VEHICLES																
Orders, new (net), qtrly. avg. or total.....mil. \$..	3,740	4,400		4,688				4,014			5,241			3,656		
U.S. Government.....do....	2,996	3,472		4,004				3,124			4,003			2,758		
Prime contract.....do....	3,329	3,971		4,373				3,569			4,680			3,263		
Sales (net), receipts or billings, qtrly. avg. or total mil. \$..	3,993	4,084		3,915				3,992			4,171			4,257		
U.S. Government.....do....	3,139	3,270		3,117				3,144			3,419			3,398		
Backlog of orders, end of year or qtr. †.....do....	112,630	13,894		13,440				13,472			14,495			13,894		
U.S. Government.....do....	110,066	10,939		10,992				10,995			11,579			10,939		
Aircraft (complete) and parts.....do....	14,988	5,311		5,239				5,438			5,345			5,311		
Engines (aircraft) and parts.....do....	11,540	1,511		1,419				1,406			1,484			1,511		
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$..	13,714	4,620		4,409				4,250			5,124			4,620		
Other related operations (conversions, modifications), products, services.....mil. \$..	11,363	1,300		1,331				1,309			1,365			1,300		
Aircraft (civilian): Shipments ⊕.....do....	81.8	57.2	62.2	60.2	49.0	51.4	57.4	47.1	48.7	58.4	63.3	52.8	88.1	84.6	66.5	
Airframe weight ⊕.....thous. lb.	1,682	1,340	1,428	1,553	1,226	1,256	1,250	1,023	1,097	1,199	1,380	1,306	2,045	1,815	1,567	
Exports.....mil. \$..	27.3	19.8	37.6	33.7	33.2	15.8	7.0	9.3	18.5	13.2	11.6	20.9	15.4	41.8		
MOTOR VEHICLES																
Factory sales, total.....thous..	681.1	758.4	723.7	782.5	818.0	840.2	804.1	790.0	251.4	598.8	945.7	873.3	881.8	859.6	814.1	2 868.1
Domestic.....do....	654.6	730.0	698.8	753.4	789.3	812.4	778.1	763.7	240.3	566.1	906.2	836.8	846.4	831.5	784.8	
Passenger cars, total.....do....	577.8	636.5	607.9	654.1	689.2	711.8	687.5	660.9	167.8	481.8	804.0	748.5	754.0	726.2	681.1	2 723.8
Domestic.....do....	562.8	620.3	592.8	637.1	671.8	695.1	672.9	649.4	165.1	463.0	779.2	726.2	733.0	709.0	665.4	
Trucks and buses, total.....do....	103.3	121.9	115.8	128.5	128.8	116.6	129.1	83.6	117.0	141.7	124.7	127.8	133.5	133.5	133.1	2 144.3
Domestic.....do....	91.9	109.7	106.0	116.3	117.4	117.2	105.2	114.2	75.2	103.1	127.0	110.6	113.5	122.5	119.4	
Exports, total.....number..	20,100	23,295	25,916	22,729	21,189	22,437	23,667	17,596	13,241	17,142	32,370	42,056	34,607	33,829		
Passenger cars (new and used).....do....	11,246	12,852	12,849	12,652	11,623	12,056	14,151	6,846	3,519	8,294	14,998	29,066	24,799	20,274		
Trucks and buses.....do....	8,855	10,443	13,067	10,077	9,566	10,381	9,516	10,750	9,722	8,848	17,372	12,990	9,808	13,555		
Imports (cars, trucks, buses), total ^σ.....do....	33,080	36,551	37,472	43,197	43,351	37,644	31,049	39,804	21,964	32,350	38,535	39,086	40,952	45,588		
Passenger cars (new and used) ^σ.....do....	32,063	35,326	36,567	41,040	41,974	36,197	29,814	38,663	21,240	31,019	36,834	38,504	40,037	44,330		
Shipments, truck trailers: Δ																
Complete trailers and chassis.....do....	6,081	6,430	5,388	6,774	6,584	6,976	6,438	6,131	6,517	6,366	7,383	6,552	6,443	5,991		
Vans.....do....	3,733	3,845	3,407	4,034	3,633	3,731	3,812	3,478	3,841	3,690	4,501	4,274	4,101	3,802		
Trailers and chassis (detachable), sold separately number.....	537	445	469	624	611	573	341	505	273	285	365	427	459	342		
Registrations: ⊙																
New passenger cars.....thous..	578.2	629.7	498.0	624.2	758.8	714.7	691.6	706.0	552.9	403.6	714.7	640.2	712.0	612.0	551.8	
Foreign cars.....do....	28.3	32.1	27.6	32.5	42.7	39.4	35.9	34.5	31.5	33.7	32.2	26.4	35.8	35.4	29.8	
New commercial cars (trucks).....do....	89.1	103.7	82.4	99.2	120.0	107.6	102.8	111.3	105.0	93.5	117.1	100.4	114.6	102.7	90.9	
RAILROAD EQUIPMENT																
Freight cars (ARCI):																
Shipments.....number..	3,046	3,747	3,074	4,026	3,755	2,405	3,701	4,017	4,141	4,327	4,725	3,911	4,442	5,253	5,467	6,780
Equipment manufacturers, total.....do....	1,962	2,608	1,820	2,639	2,812	1,719	2,685	3,016	2,907	2,984	3,366	2,925	3,087	3,299	3,674	4,386
Railroad shops, domestic.....do....	1,085	1,140	1,254	1,387	943	686	1,016	1,001	1,234	1,343	1,359	986	1,355	1,954	1,793	2,444
New orders.....do....	3,076	5,173	5,074	5,522	2,570	5,978	2,349	4,354	3,020	2,319	8,416	8,273	10,382	10,800	3,701	7,742
Equipment manufacturers, total.....do....	1,979	3,670	3,385	3,100	2,110	5,349	1,908	2,083	2,986	1,921	3,687	6,673	7,868	3,441	3,172	5,510
Railroad shops, domestic.....do....	1,097	1,503	1,689	2,422	460	629	441	2,271	34	398	4,729	1,600	2,514	7,359	529	2,232
Unfilled orders, end of year or mo.....do....	14,315	22,183	19,952	21,307	19,872	23,364	21,959	21,925	20,749	18,388	22,196	26,611	32,311	37,836	36,080	36,922
Equipment manufacturers, total.....do....	6,788	12,645	10,785	11,155	10,401	14,011	13,233	12,279	12,303	11,188	11,626	15,425	20,161	20,291	19,789	20,960
Railroad shops, domestic.....do....	7,527	9,538	9,167	10,152	9,471	9,353	8,726	9,646	8,446	7,200	10,570	11,186	12,150	17,545	16,291	15,962
Passenger cars: Shipments.....do....	23	16	0	0	0	0	9	26	43	42	35	24	14	5	5	5
Unfilled orders, end of mo.....do....	174	198	136	153	203	213	204	178	250	220	202	178	317	352	387	382
Freight cars, class 1 (AAR): §																
Number owned, end of year or mo.....thous..	1,552	1,515	1,545	1,543	1,537	1,531	1,530	1,531	1,528	1,527	1,521	1,519	1,515	1,513	1,507	
Held for repairs, % of total owned.....do....	8.0	6.8	8.3	8.3	8.1	7.7	7.6	7.9	7.7	7.7	7.1	7.0	6.8	6.5	6.3	

† Revised. 1 Reflects year-end adjustments and changes in accounting practice involving the concept of backlog. 2 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.
 Δ Data cover complete units, chassis, and bodies.
 ⊕ Effective with the Apr. 1964 SURVEY, shipments have been substituted for production. Shipments of trailer chassis only and dump trailer chassis, sold separately, are now included with the complete trailers and chassis (except detachable). Data back to 1961 are available.
 ⊙ Courtesy of R. L. Polk & Co.; republication prohibited.
 § Excludes railroad-owned private refrigerator cars and private line cars.

INDEX TO CURRENT BUSINESS STATISTICS, Pages S1-S40

SECTIONS

General:

Business indicators	1-7
Commodity prices	7, 8
Construction and real estate	9, 10
Domestic trade	10-12
Employment and population	12-16
Finance	16-21
Foreign trade of the United States	21-23
Transportation and communications	23, 24

Industry:

Chemicals and allied products	25
Electric power and gas	26
Food and kindred products; tobacco	26-30
Leather and products	30, 31
Lumber and manufactures	31
Metals and manufactures	32-34
Petroleum, coal, and products	35, 36
Pulp, paper, and paper products	36, 37
Rubber and rubber products	37
Stone, clay, and glass products	38
Textile products	38-40
Transportation equipment	40

INDIVIDUAL SERIES

Advertising	10, 11, 16
Aerospace vehicles	40
Agricultural loans	16
Air carrier operations	23
Aircraft and parts	3, 13-15, 40
Alcohol, denatured and ethyl	25
Alcoholic beverages	8, 10, 26
Aluminum	23, 33
Apparel	1, 3, 4, 7, 8, 10, 15, 40
Asphalt and tar products	35, 36
Automobiles, etc.	1, 3-6, 8, 10, 11, 13-15, 19, 22, 40
Balance of international payments	2
Banking	16, 17
Barley	27
Barrels and drums	33
Battery shipments	34
Beef and veal	28
Beverages	4, 8, 10, 26
Blast furnaces, steel works, etc.	13-15
Bonds, outstanding, issued, prices, sales, yields	18-20
Brass and bronze	33
Brick	38
Broker's balances	20
Building and construction materials	8, 10, 31, 36, 38
Building costs	9, 10
Building permits	9
Business incorporations (new), failures	7
Business population	2
Business sales and inventories	4, 5
Butter	27
Cans (tinplate)	33
Carloadings	24
Cattle and calves	28
Cement and concrete products	8-10, 38
Cereal and bakery products	8
Chain-store sales, firms with 4 or more and 11 or more stores	12
Cheese	27
Chemicals	4-6, 8, 13-15, 19, 22, 25
Cigarettes and cigars	8, 30
Civilian employees, Federal	14
Clay products	8, 38
Coal	4, 8, 13-15, 22, 24, 35
Cocoa	23, 29
Coffee	23, 29
Coke	24, 35
Communications	2, 13-15, 20, 24
Confectionery, sales	29
Construction:	
Contracts	9
Costs	9, 10
Employment, hours, earnings, wages	13-16
Highways and roads	9, 10
Housing starts	9
New construction put in place	1, 2, 9
Consumer credit	17, 18
Consumer expenditures	1, 2
Consumer goods output, index	3, 4
Consumer price index	7
Copper	23, 33
Corn	27
Cost of living (see Consumer price index)	7
Cotton, raw and manufactures	7, 8, 22, 38, 39
Cottonseed cake and meal and oil	30
Credit, short- and intermediate-term	17, 18
Crops	3, 7, 27, 28, 30, 38
Crude oil and natural gas	4, 13-15, 35
Currency in circulation	19
Dairy products	3, 7, 27
Debits, bank	16
Debt, U.S. Government	18
Department stores	11, 12, 17
Deposits, bank	16, 17, 19
Disputes, industrial	16
Distilled spirits	26
Dividend payments, rates, and yields	1, 3, 18-21
Drug stores, sales	11, 12

Earnings, weekly and hourly	14-16
Eating and drinking places	11, 12
Eggs and poultry	3, 7, 29
Electric power	4, 8, 26
Electrical machinery and equipment	5, 6, 13-15, 19, 22, 34
Employment estimates	12-14
Employment Service activities	18
Expenditures, U.S. Government	25
Explosives	1
Exports (see also individual commodities)	2, 21-23
Express operations	23

Failures, industrial and commercial	7
Fans and blowers	34
Farm income, marketings, and prices	1, 3, 7
Farm wages	16
Fats and oils	8, 22, 29, 30
Federal Government finance	18
Federal Reserve banks, condition of	16
Federal Reserve member banks	17
Fertilizers	8, 25
Fire losses	10
Fish oils and fish	29
Flooring, hardwood	31
Flour, wheat	28
Food products	4-8, 10, 11, 13-15, 19, 22, 23, 27-30
Forclosures, real estate	10
Foreign trade (see also individual commod.)	21-23
Foundry equipment	34
Freight carloadings	24
Freight cars (equipment)	4, 40
Fruits and vegetables	7, 8, 22
Fuel oil	35, 36
Fuels	4, 8, 35, 36
Furnaces	34
Furniture	3, 4, 8, 11-15, 17
Furs	23

Gas, output, prices, sales, revenues	4, 8, 26
Gasoline	1, 35, 36
Glass and products	38
Glycerin	25
Gold	19
Grains and products	7, 8, 22, 24, 27, 28
Grocery stores	11, 12
Gross national product	1, 2
Gross private domestic investment	1, 2
Gypsum and products	8, 38

Hardware stores	11
Heating equipment	8, 34
Hides and skins	8, 30
Highways and roads	9, 10
Hogs	28
Home Loan banks, outstanding advances	10
Home mortgages	10
Hosiery	40
Hotels	14, 15, 24
Hours of work per week	14
Housefurnishings	1, 4, 7, 8, 10-12
Household appliances and radios	4, 8, 11, 34
Housing starts and permits	9

Imports (see also individual commodities)	1, 2, 22, 23
Income, personal	2, 3
Income and employment tax receipts	18
Industrial production indexes:	
By industry	3, 4
By market grouping	3, 4
Installment credit	12, 17, 18
Installment sales, department stores	12
Instruments and related products	3, 13-15
Insulating materials	34
Insurance, life	18, 19
Interest and money rates	17
Inventories, manufacturers' and trade	4-6, 11, 12
Inventory sales ratios	5
Iron and steel	3, 5, 6, 8, 10, 13-15, 19, 22, 23, 32, 33

Labor advertising index, disputes, turnover	16
Labor force	12
Lamb and mutton	28
Lead	28
Leather and products	3, 8, 13-15, 30, 31
Life insurance	18, 19
Linseed oil	30
Livestock	3, 7, 8, 24, 28
Loans, real estate, agricultural, bank, brokers' (see also Consumer credit)	10, 16, 17, 20
Lubricants	35, 36
Lumber and products	3, 5, 8, 10-15, 19, 31

Machine tools	34
Machinery	3, 5, 6, 8, 13-15, 19, 22, 34
Mail order houses, sales	11
Manmade fibers and manufactures	8, 39
Manufacturers' sales (or shipments), inventories, orders	4-6
Manufacturing employment, production workers, payrolls, hours, earnings	13-15
Manufacturing production indexes	3, 4
Margarine	29
Meat animals and meats	3, 7, 8, 22, 28
Medical and personal care	7
Metals	3-6, 8, 13-15, 19, 22, 23, 32-34
Milk	27
Mining and minerals	2-4, 8, 13-15, 19, 20
Monetary statistics	19
Money supply	19
Mortgage applications, loans, rates	10, 16, 17
Motor carriers	23, 24
Motor vehicles	1, 3-6, 8, 10, 11, 13-15, 19, 22, 40
Motors and generators	34

National defense expenditures	1, 18
National income and product	1, 2
National parks, visits	24
Newsprint	23, 37
New York Stock Exchange, selected data	20, 21
Nonferrous metals	3, 8, 19, 23, 33, 34
Noninstallment credit	17, 18
Oats	27
Oil burners	34
Oils and fats	8, 22, 29, 30
Orders, new and unfilled, manufacturers'	6
Ordnance	13-15

Paint and paint materials	8, 25
Panama Canal traffic	24
Paper and products and pulp	5, 6, 8, 13-15, 19, 23, 36, 37
Parity ratio	7
Passports issued	24
Payrolls, indexes	1, 2
Personal consumption expenditures	14
Personal income	2, 3
Petroleum and products	4-6, 8, 11, 13-15, 19, 22, 23, 35, 36
Pig iron	32
Plant and equipment expenditures	2, 20
Plastics and resin materials	25
Population	12
Pork	28
Postal savings	17
Poultry and eggs	3, 7, 29
Prices (see also individual commodities)	7, 8
Printing and publishing	4, 13-15
Profits, corporate	1, 19
Public utilities	2-4, 7-9, 13-15, 18-21
Pullman Company	24
Pulp and pulpwood	36
Purchasing power of the dollar	8

Radiators and convectors	34
Radio and television	4, 8, 10, 11, 34
Railroads	2, 13, 14, 16, 18, 20, 21, 24, 40
Railways (local) and bus lines	13-15, 23
Rayon and acetate	39
Real estate	10, 17, 18
Receipts, U.S. Government	18
Recreation	7
Refrigerators and home freezers	34
Rent (housing)	7
Retail trade	4, 5, 7, 11-15, 17, 18
Rice	27
Roofing and siding, asphalt	36
Rubber and products (incl. plastics)	4-6, 8, 13-15, 23, 37
Rye	27

Saving, personal	2
Savings deposits	17
Securities issued	19, 20
Security markets	20, 21
Services	1, 2, 13-15
Sheep and lambs	28
Shoes and other footwear	8, 11, 12, 31
Silk, prices, imports, production	8, 59
Silver	19
Soybean cake and meal and oil	30
Spindle activity, cotton	39
Steel ingots and steel manufactures	32, 33
Steel scrap	32
Stock prices, earnings, sales, etc.	20, 21
Stoves, clay, glass products	3-5, 8, 13-15, 19, 38
Stoves and ranges	34
Sugar	23, 29
Sulfur	25
Sulfuric acid	25
Superphosphate	25

Tea imports	29
Telephone, telegraph, cable, and radiotelegraph carriers	13-15, 24
Television and radio	4, 8, 10, 11, 34
Textiles and products	3, 5, 6, 8, 13-15, 19, 22, 38-40
Tin	25, 33
Tires and inner tubes	8, 11, 12, 37
Tobacco and manufactures	4-8, 10, 13-15, 22, 30
Tractors	22, 34
Trade (retail and wholesale)	4, 5, 11, 12
Transit lines, local	23
Transportation	1, 2, 7, 13-15, 23, 24
Transportation equipment	3-6, 13-15, 19, 40
Travel	23, 24
Truck trailers	40
Trucks (industrial and other)	34, 40

Unemployment and insurance	12, 16
U.S. Government bonds	16-18, 30
U.S. Government finance	18
Utilities	2-4, 9, 13-15, 18-21, 26

Vacuum cleaners	34
Variety stores	11, 12
Vegetable oils	30
Vegetables and fruits	7, 8, 22
Vessels cleared in foreign trade	24
Veterans' benefits	16, 18
Wages and salaries	1, 3, 14-16
Washers and driers	34
Water heaters	34
Waterway traffic	24
Wheat and wheat flour	28
Wholesale price indexes	8
Wholesale trade	4, 5, 7, 13-15
Wood pulp	36
Wool and wool manufactures	7, 8, 23, 39

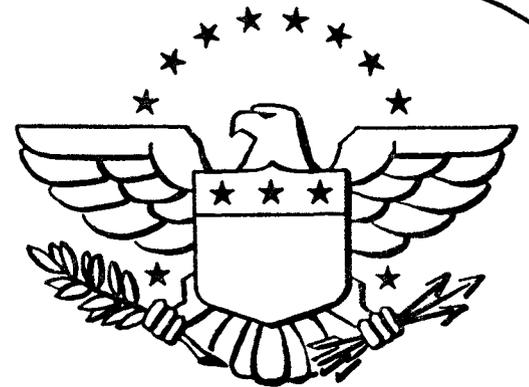
Zinc	33, 34
------	--------

UNITED STATES
GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
(GPO)

OFFICIAL BUSINESS
First-Class Mail

*A
Supplement
to the
Survey
of
Current
Business*



PERSONAL INCOME

BY STATES

SINCE 1929

- ★ FIRST COMPREHENSIVE ACCOUNT OF THE WIDELY USED STATE INCOME SERIES
- ★ PERSONAL INCOME BY STATE, BY TYPE, AND BY INDUSTRY—SINCE 1929
- ★ ANALYSIS OF GEOGRAPHIC INCOME CHANGES • PROCEDURES AND DEFINITION

THIS 1957 VOLUME—229 pages, quarto, illustrated, \$1.50—is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, as well as at all Field Offices of the U.S. Department of Commerce.