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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

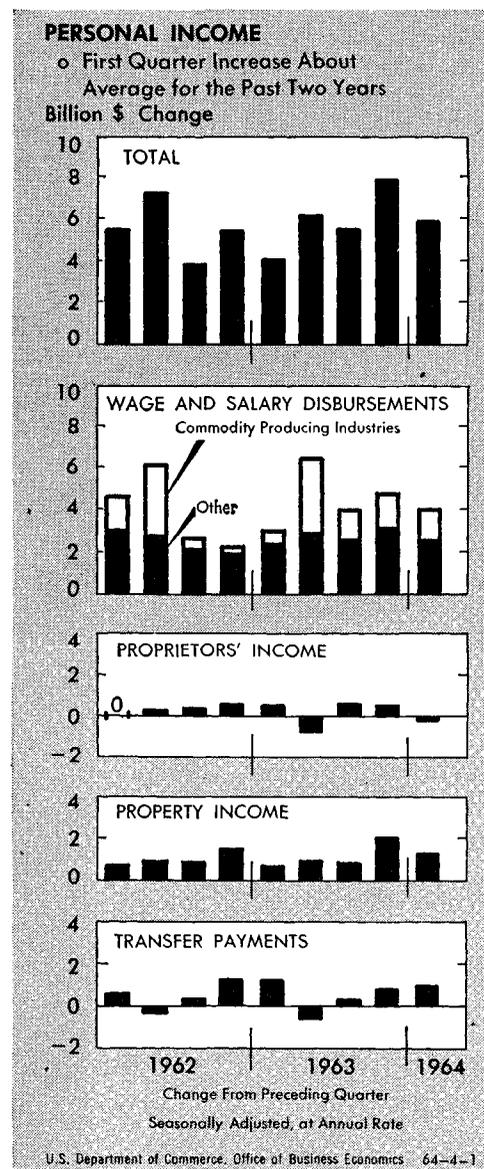
about average for the past 2 years, it did not match last year's fourth quarter advance of \$7.8 billion. Wages

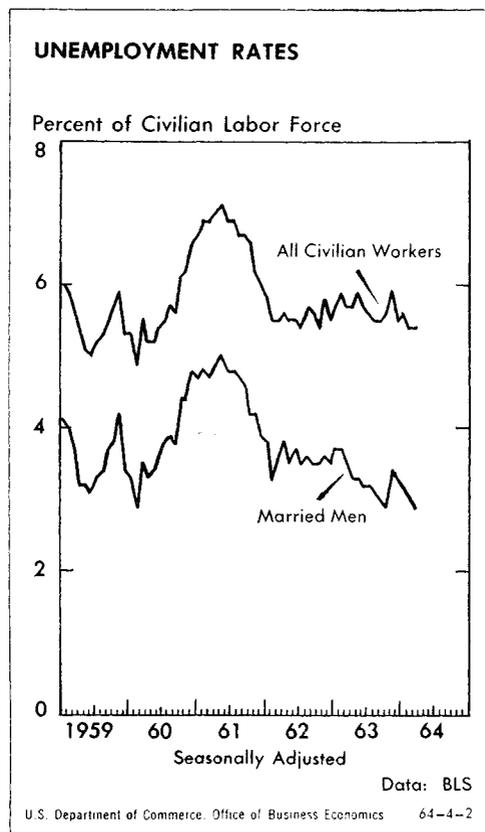
and salaries were up less than in the fourth quarter, with most of the difference attributable to a slower growth in government payrolls, which had received a large boost last fall from the military pay increase. Farm income was off because of lower farm prices, and dividends, which had been bolstered 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 \$1½ 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	5.4	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

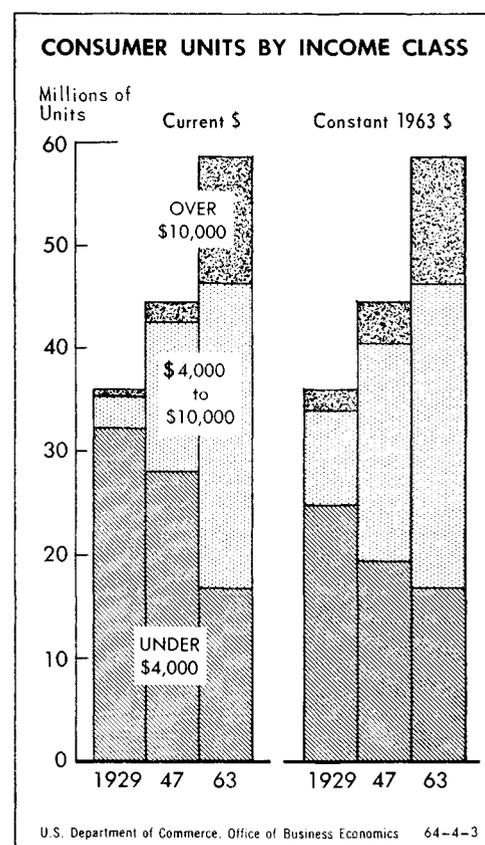
As noted in previous issues of the *Survey of Current Business* and in other available literature on the size distribution of income, the relative distribution of income has remained virtually constant over the post-war period. The recent data show a continuation of this near constancy. The lowest fifth 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	5,640	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	13	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 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	59,501	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	54,595	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	2,111	14,805	18,698	21,679	23,031	24,102	32,678	35,310	40,436
\$20,000-\$24,999	367	421	483	506	577	638	685	744	8,140	9,368	10,744	11,231	12,809	14,159	15,178	16,624
\$25,000-\$49,999	436	495	544	555	613	669	708	788	14,596	16,651	18,273	18,434	20,255	21,953	23,292	24,924
\$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	16,424
Total	42,670	43,350	43,670	44,120	44,780	45,370	46,150	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	15.5	14.3	14.2	13.6	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	4.8	5.5	6.4	7.1	7.4	8.7	9.4	9.8	10.3
\$20,000-\$24,999	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	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	1.6	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	42	324	383	438	484	527	573	638	703
\$20,000-\$24,999	11	11	12	13	13	14	15	16	242	243	262	280	291	311	342	377
\$25,000-\$49,999	16	17	20	22	24	25	28	31	545	591	680	744	802	858	936	1,017
\$50,000 and over	5	6	7	8	8	9	10	11	523	595	673	742	807	875	971	1,067
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	15.8	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	2,292	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	1,198	1,288
\$20,000-\$24,999	18	19	19	24	20	23	25	395	410	427	537	450	517	550	550	550
\$25,000-\$49,999	21	21	22	27	23	26	28	137	694	720	714	872	744	838	925	925
\$50,000 and over	4	5	5	6	5	6	6	371	387	431	530	451	510	510	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	21,026	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	28,693	27,565	27,133	26,826	25,815
\$6,000-\$7,499	6,368	6,591	6,875	6,819	7,029	7,028	7,076	7,068	42,610	44,101	45,973	45,700	47,249	47,252	47,666	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	404	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	680	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	9.3	5.6	5.9	6.2	6.0	6.2	6.4	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 (mil-lions)	Number of persons		Family personal income			Number of families (mil-lions)	Number of persons		Family personal income			Number of un-attached indi-viduals (mil-lions)	Family personal income	
		Total (mil-lions)	Average number per consumer unit	Amount (billions of dollars)	Average income			Total (mil-lions)	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	1,800	9.5	26.8	2,81
1957.....	53.6	169.0	3.15	334.6	6,238	1,980	43.7	159.0	3.61	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	5,608	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	333	4,782	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 11.—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 (per cent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (per cent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (per cent)
	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	4,005	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 (per cent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (per cent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (per cent)
	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 (per cent)	Federal individual income tax liability			Average family personal income (dollars)	Tax rate (per cent)
	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	26,501	30.8			
\$50,000 and over.....	4,887	12.1	26,501	86,130	30.8					
Total.....	40,540	100.0	708	6,930	10.2	43,700	100.0	755	7,262	10.4

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	18,600	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	
\$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	
\$4,000-\$4,999.....	8.3	8.9	12.2	14.0	15.3	14.8	14.7	14.7	14.9	14.9	13.9	14.1	14.2	13.3	13.0	12.2	12.1	11.8	11.5	22.4
\$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	
\$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	14.2
\$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

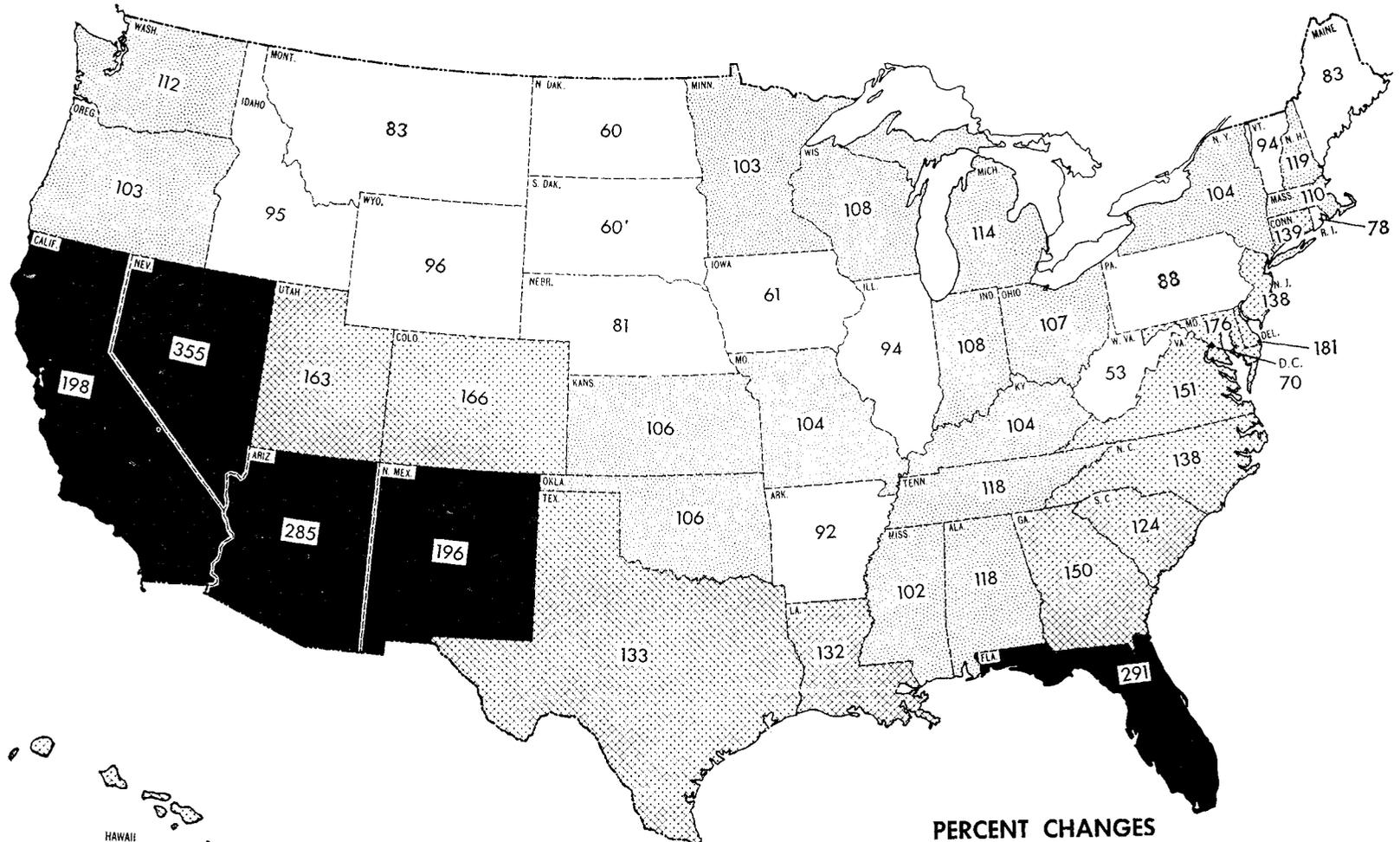
Table 2.—Percent Changes in Industrial Sources of Personal Income, by States and Regions, 1962-63¹

State and region	Table 1						Table 2										
	Total personal income			Per capita personal income			Total	Farms	Min- ing	Contract con- struction	Manu- facturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation, com- munication and public utilities	Services	Govern- ment ²	
	Amount (million dollars)	Percent change 1962 to 1963	Percent change 1962 to 1963	Amount (dollars)		Percent of national 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	2	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	3	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	3	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.....	1,486	1,424	-4	2,065	1,932	79	-6	-19	6	-18	0	1	3	-5	2	9	
Nebraska.....	3,309	3,348	-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	1	5	5	3	3	1	4	8	
Kentucky.....	3,276	3,536	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	6	5	3	6	8	
North Carolina.....	8,195	8,630	5	1,742	1,813	74	5	-3	-18	8	6	6	8	4	8	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	6	7	6	8	
Florida.....	11,158	11,933	7	2,053	2,111	86	6	6	7	8	6	6	6	6	9	8	
Alabama.....	5,261	5,542	5	1,586	1,656	68	6	6	-10	7	8	6	6	5	11	6	
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	65	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.

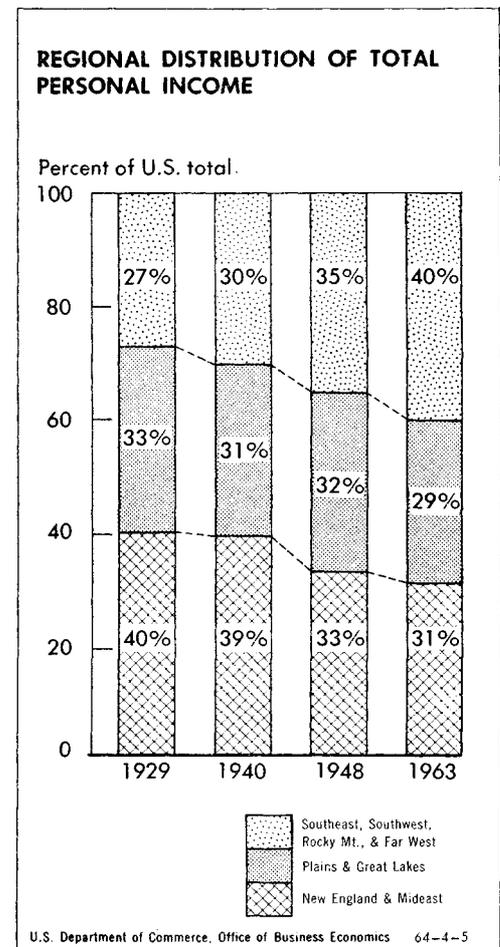
With the geographic changes in population and income tending to move parallel, changes in per capita income since 1948 relative to that of the Nation have been small. Most changes that did occur continued the trend toward a lessening of regional differences in per capita income.

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.

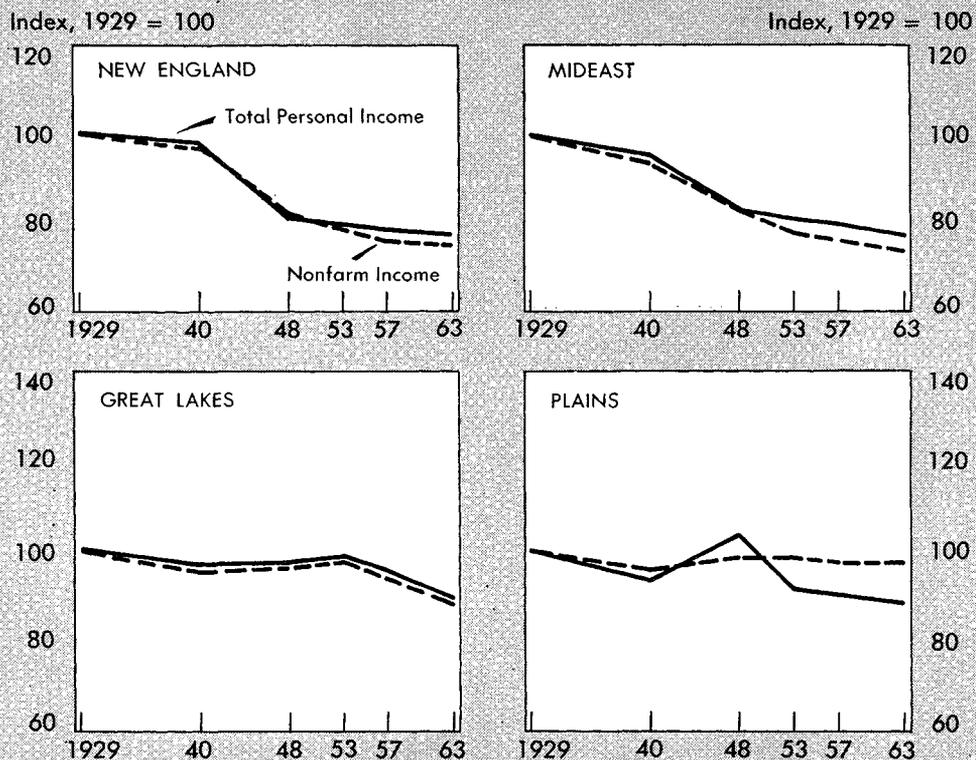
Above-average growth in the Far West reflects the rapid expansion of practically all industries in California and Nevada; the predominance of rapid-growth industries in the economy of California; and the correlative heavy migration into the area. The other two States of the region, Washington and Oregon,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

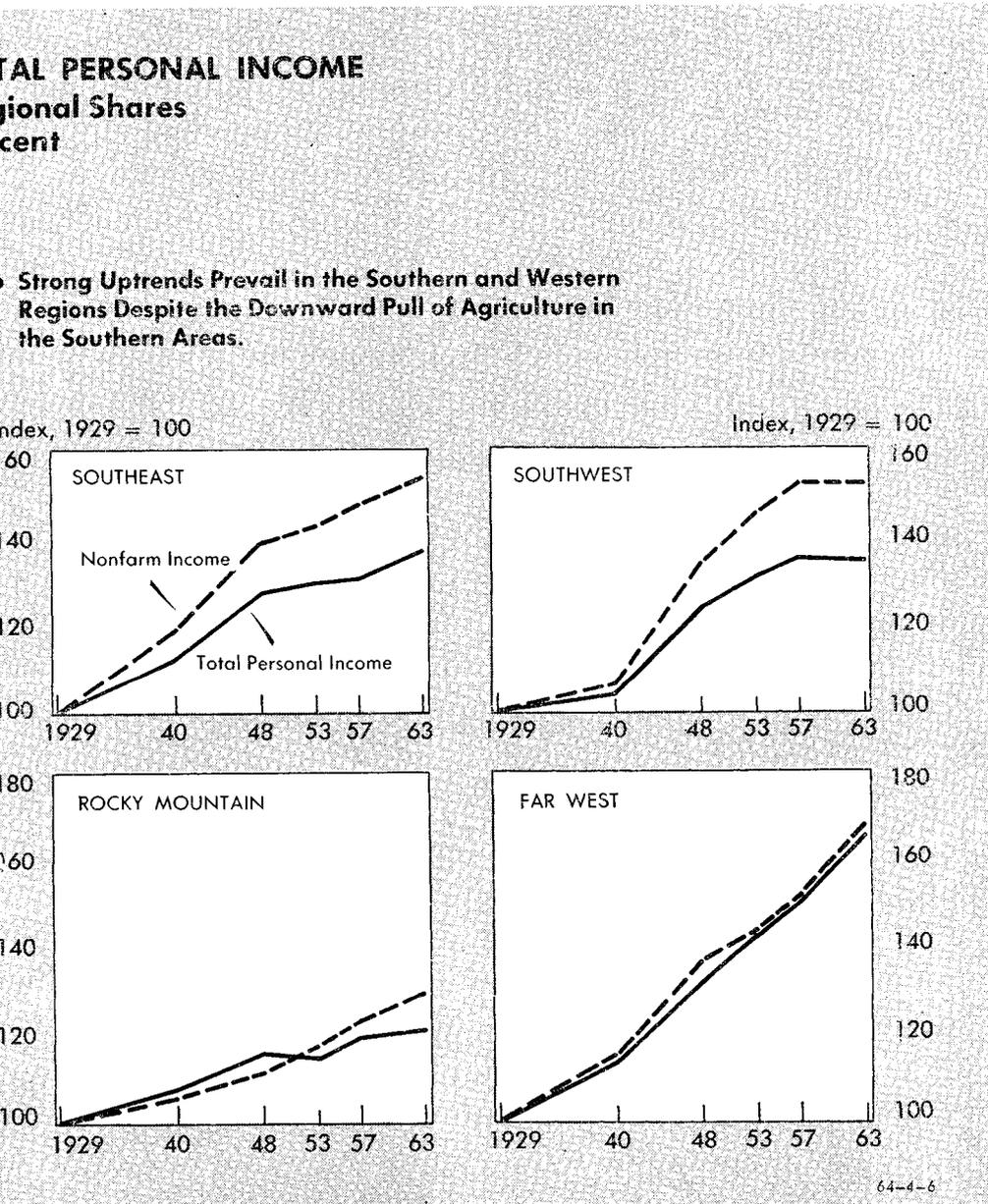
In the two central areas, the Great Lakes and Plains States, the parallelism between postwar trends and those of earlier periods is more obscure. From the chart on this page it appears that the shares of income received in these two regions were roughly the same in 1929 and 1948—in contrast to the declines 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	6,322	
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	771	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	2,106	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	74,392	
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	3,099	3,210	3,210	3,329	
Kentucky.....	1,020	914	2,719	3,644	4,203	4,672	5,005	5,276	5,536	
Tennessee.....	982	995	3,006	4,050	4,864	5,494	5,842	6,185	6,560	
North Carolina.....	1,046	1,171	3,620	4,885	5,976	7,138	7,623	8,195	8,630	
South Carolina.....	470	584	1,755	2,543	2,818	3,300	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	5,041	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	2,394	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	1,401	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	1,280	1,363	1,344	1,565	1,583	
Idaho.....	225	242	705	883	1,072	1,184	1,240	1,305	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 1.—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	.34	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	.19	.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
Midwest.....	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 Years¹

	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	2,058	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	125	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	439	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	72	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	72	72	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	1,899	1,905	1,953	65	73	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	1,887	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.....	603	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.....	577	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

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.

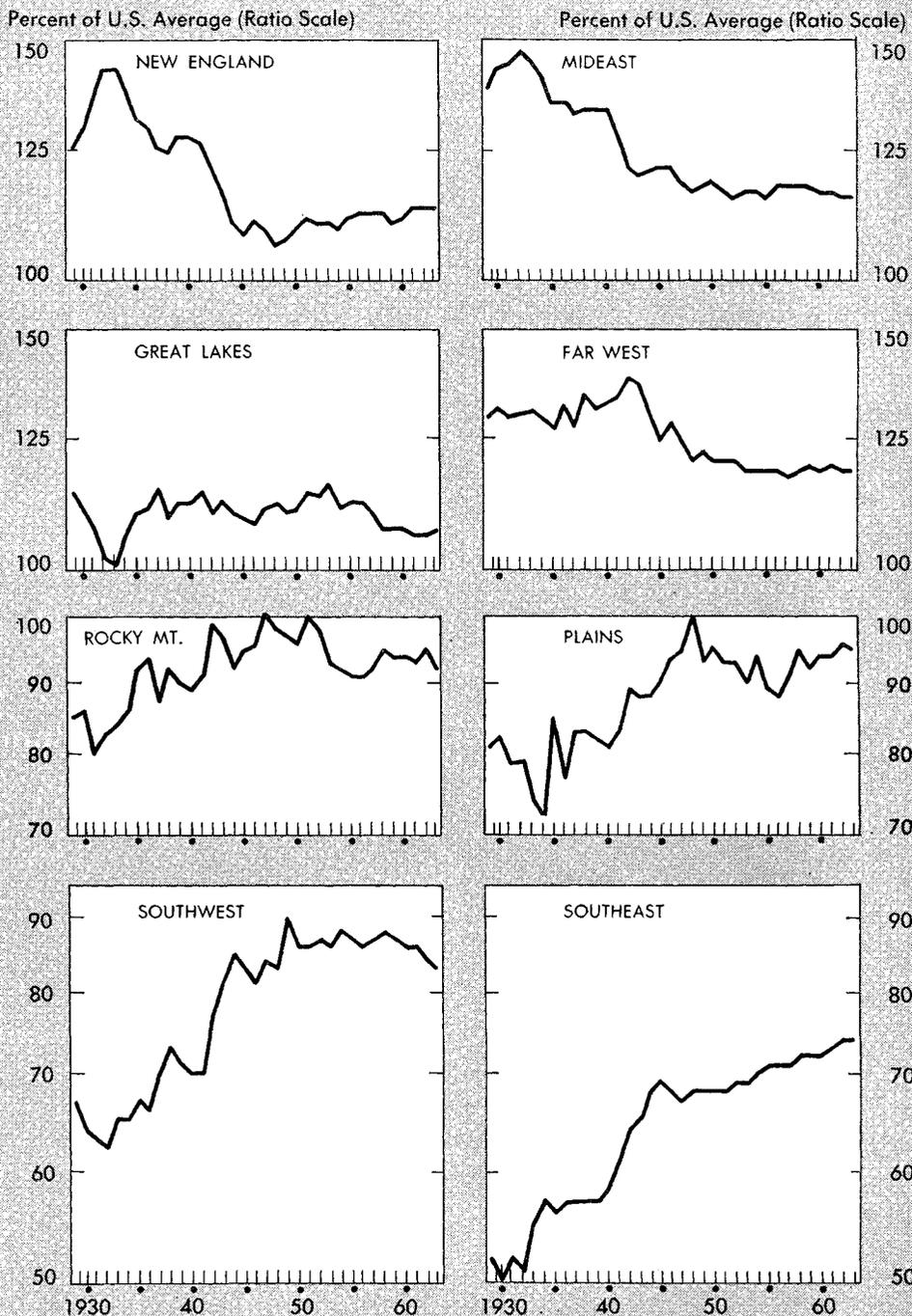
The share losses of the northern and central regions were mirrored in the gains of the southern and western

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.

⁴The 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	239	-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	-295	667	-289	1,057	-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	10,471	-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	-602	-58	2,730	-720	2,958	-10	131	3,079	121
Iowa.....	3,436	-1,519	-552	1,365	-2,071	2,194	2	-206	1,990	-204
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	664	3,954	858	3,175	178	670	4,023	848
West Virginia.....	1,876	-638	-949	789	-1,287	2,024	-759	-602	663	-1,561
Kentucky.....	2,283	-589	173	1,867	-416	2,069	-286	147	1,930	119
Tennessee.....	2,546	-226	137	2,457	-89	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	1,649	206	746
Georgia.....	2,633	-312	1,039	3,360	727	2,602	-214	963	3,378	746
Florida.....	2,421	337	3,149	5,907	3,486	2,560	234	2,812	5,096	3,046
Alabama.....	2,178	-384	332	2,126	-52	2,080	-195	365	2,280	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	973	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	287	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.

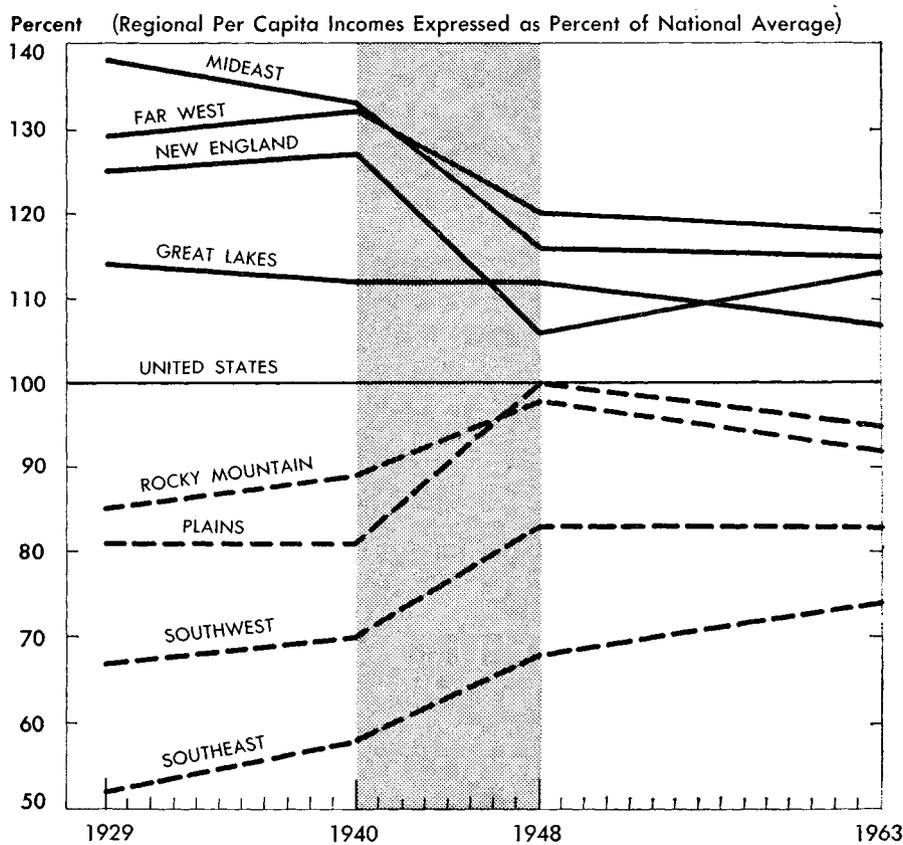
Effects of nonwhite migration

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	Petro-leum refin-ing	Leather	Motor vehicles and equip-ment	Ma-chin-ery except elec-trical	Agricul-ture	Trans-portation	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)	-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					-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)		-575	-75	-60	-12
Tennessee.....	-2		-36		-15	-1	-78	-15	-34	-1	-17	-1		-492	-71	-79	-12
North Carolina.....	(5)		(5)		-10	-13	-511	-8	-68	(5)	-2	(5)		-747	-55	-83	-30
South Carolina.....					-4	-1	-318	-7	-23	(5)	(5)			-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)	(5)			-426	-73	-96	-14
Alabama.....	-9		-103		-7	(5)	-121	-6	-36	-4	-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		-1		-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	-261	-160
New Mexico.....	-4		-7		-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		-26	-1	-11		(5)	-2	-4	-1	-2	(5)		-326	-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					-36	-10	-8	-2
California.....	-5		(5)	-8	-100	-1	-25	-62	-136	-59	-10	-4	(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-automotive 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	(3)	(3)	1	(3)	1	2	(3)	5	3	3	18	8	26	4	2	(3)	-32		
Massachusetts.....	1	43	18	32	12	2	22	32	270	60	83	54	321	243	452	81	69	7	749		
Rhode Island.....	(3)	2	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	364	256	403	64	129	3	1,182		
Pennsylvania.....	4	48	31	88	5	13	156	27	422	232	181	102	574	365	604	162	79	4	15		
Delaware.....	1	(3)	(3)	39	1	1	(3)	(3)	(3)	4	2	2	19	15	24	3	(3)	(3)	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)	12	12	100	44	58	246	52	1	4	468		
Great Lakes	11	190	120	267	63	24	362	92	1,266	536	612	309	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	328	53	38	2	622		
Ohio.....	3	48	28	75	43	12	124	24	382	163	73	446	265	590	112	56	5	5	744		
Indiana.....	2	12	9	7	7	4	4	7	198	136	32	182	107	294	39	20	2	2	-116		
Illinois.....	3	40	60	79	3	6	94	41	479	159	197	111	652	477	768	137	129	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	37	219	155	230	68	23	2	2	-415		
North Dakota.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	10	4	20	9	47	8	2	(3)	(3)	-405		
South Dakota.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	10	4	24	11	51	10	7	(3)	(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	(3)	(3)	1	(3)	(3)	1	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)	(3)	-18		
Arizona.....	(3)	(3)	1	1	(3)	(3)	1	(3)	(3)	18	8	46	22	70	16	18	18	(3)	-27		
Rocky Mountain	2	1	5	5	2	1	10	2	1	2	74	32	177	94	290	92	56	1	-691		
Montana.....	(3)	1	1	1	(3)	2	(3)	(3)	(3)	(3)	11	5	28	13	50	12	6	(3)	-275		
Idaho.....	(3)	(3)	(3)	(3)	(3)	1	(3)	(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)	4	(3)	(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	6	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)	7	2	23	4	20	5	2	(3)	(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.

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	-20	2	-2	(4)	13	(4)	11	-19	3	1	10
Vermont.....	-1				1	-3		-12	-1	-4	(4)	1	(4)	-1	-4	2	(4)	-1
Massachusetts.....	(4)		(4)	1	(4)	-28	(4)	-181	19	-5	-4	-31	10	-27	-48	-14	-31	-31
Rhode Island.....					2	3		-78	2	4	(4)	1	(4)	-8	-4	-1	(4)	-3
Connecticut.....					(4)	-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	-5	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)		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	-31	-2	-2	-8	-92
Indiana.....	1		1	1	-2	-32	-2	-15	-7	-16	-1	7	-94	9	15	15	-4	-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	-27	2	-7	2	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	41		-2	-1	1	1	(4)	2	-15	2	-3		18
Missouri.....	-12		2	(4)	1	-9	-6	5	-20	-4	-1	(4)	61	9	4	(4)	21	1
North Dakota.....			1	6	(4)	-4			(4)			(4)	-1	1	(4)	(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	2	1	3
Kansas.....	-4		(4)	-19	-1	-34			5	3	(4)	(4)	19	16	3	5	3	9
South east	-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
South Carolina.....					-2	2	-1	174	72	-9	1	(4)	22	8	4	79	(4)	9
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	2
Alabama.....	-25		-3	1	2	20	1	(4)	62	-26	4	1	3	18	37	4	13	7
Mississippi.....			6	1	15	6		6	58	-8	3	6	6	12	1	-4	5	5
Louisiana.....			90	2	-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
South west	42		-2	16	-7	3	(4)	9	71	(4)	17	4	34	142	30	33	147	22
Oklahoma.....	-7		-1	-12	2	-15	-2	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	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)	(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	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	4	-68	1	4	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)	(4)				-1			(4)	1	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	Ordinance primary and fabricated metals	Instruments and miscellaneous	Electrical machinery	Non-automotive transportation equipment	Agriculture	Transportation	Trade	Construction	Communication and public utilities	Services	Finance	Government			Other 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	-678	-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	-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	-153	-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	-155	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	8	13	-50	-33	-56	57	27	20	-33	19	-9	222	25	-1	332
Mississippi.....	8	30	3	4	20	-90	-4	10	12	-40	32	-6	-14	48	3	146	
Louisiana.....	8	55	3	(4)	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	-235	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)		1	10	-10	-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	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	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	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	208.2	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	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	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	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	16.4	16.9	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.....	1,582	1,660	1,811	1,873	1,827	1,746	1,735	1,796	1,946	2,097	2,122	1,574
1957.....	1,648	1,725	1,822	1,861	1,825	1,751	1,733	1,810	1,982	2,154	2,195	1,684
1958.....	1,747	1,830	1,950	2,033	1,980	1,909	1,934	2,036	2,176	2,296	2,378	1,924
1959.....	1,900	1,993	2,146	2,140	2,116	2,032	2,026	2,141	2,275	2,409	2,462	1,920
1960.....	1,850	1,952	2,093	2,157	2,126	2,017	2,044	2,147	2,327	2,468	2,570	2,077
1961.....	2,043	2,149	2,354	2,380	2,367	2,271	2,277	2,384	2,548	2,754	2,759	2,266
1962.....	2,205	2,309	2,473	2,535	2,515	2,392	2,414	2,518	2,704	2,953	3,036	2,395
1963.....	2,384	2,469										
1964.....												
Seasonally adjusted												
1956.....	1,764	1,772	1,813	1,827	1,832	1,834	1,836	1,831	1,834	1,843	1,837	1,844
1957.....	1,833	1,839	1,824	1,821	1,832	1,841	1,832	1,838	1,866	1,898	1,900	1,889
1958.....	1,943	1,949	1,952	1,995	1,990	2,009	2,038	2,054	2,047	2,034	2,061	2,105
1959.....	2,118	2,125	2,144	2,106	2,124	2,139	2,133	2,152	2,138	2,138	2,137	2,098
1960.....	2,072	2,088	2,089	2,121	2,126	2,123	2,147	2,156	2,189	2,192	2,239	2,263
1961.....	2,290	2,306	2,347	2,340	2,360	2,388	2,392	2,396	2,399	2,441	2,410	2,466
1962.....	2,472	2,480	2,468	2,490	2,502	2,513	2,536	2,531	2,556	2,609	2,654	2,603
1963.....	2,661	2,646										
1964.....												

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	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																
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	49.6	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	12.0	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	-1.1
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	29.5	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	480.4	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	126.2	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	450.9	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 2 10.99	
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	1.58	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	1.40	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 2 42.70	
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	.70	.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	3.80	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 PAYMENTS†																
<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	3,581	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	680	717	754	748	732	794	748	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	—	164	39	—84	626	—29	129	-----	
U.S. receipts, recorded..... do	30,313	32,093	33,379	7,956	7,247	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	-----	
Not receipts or payments (—), incl. transactions in nonmarketable, medium-term convertible Govt. securities..... mil. \$				—1,958												

† Revised. ‡ Preliminary.

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

¶ 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. * Includes communications.

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

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

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

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. ^q	
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	² 476.1 478.1	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	19.2	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	² 39.9	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	461.6	462.4	463.7	
FARM INCOME AND MARKETINGS																	
Cash receipts from farming, including Government payments (48 States), total.....mil. \$.	3,138	3,161	2,489	2,440	2,316	2,373	2,307	2,838	3,043	3,636	5,303	4,233	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 ^q.....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																	
<i>Federal Reserve Index of Quantity Output</i>																	
Unadj., total index (incl. utilities)....1957-59=100.....do.....	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	125.1	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	123.7	120.4	130.2	136.5	129.6	122.4	118.2	122.1	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	128	
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	126	
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	133.5	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	124	
Lumber and products.....do.....	106.1	109.0	108.2	115.7	108.0	108.9											

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

Table header showing years: 1962, 1963, 1963 (Monthly average), and 1964 (Jan, Feb, Mar)

GENERAL BUSINESS INDICATORS-Continued

Main data table with columns for years and rows for various business indicators like 'Inventory-sales ratios', 'Manufacturers' export sales', and 'Shipments'.

Revised, Advance estimate, Based on data not seasonally adjusted, Total and components are end-of-year data, See note marked "†" on p. S-4 of Nov. 1963 SURVEY, See note marked "‡" on p. S-4, See corresponding note on p. S-4, New series. Represents estimated total value of durable goods products directly exported by durable goods manufacturers; data prior to Oct. 1962 are not available. Revised series. Effective with the Dec. 1963 SURVEY, data reflect the following major changes: Introduction of the Annual Survey of Manufactures as the new benchmark, revision of sample de-

sign, refinement of industry reporting, expansion of industry groups published, and revision of seasonal factors. In addition, data by market groupings are presented for the first time. Data for shipments and new orders not seasonally adjusted are adjusted for trading day variation. Revisions back to 1947 and a detailed description of the current revision appear in the Census Bureau publication, "Manufacturers' Shipments, Inventories, and Orders: 1947-63 Revised."

Includes data for items not shown separately.

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	26,762
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	268	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:.....do.....																
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	299	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.....	79	78	78	77	78	77	77	78	78	77	77	77	77	76	78	77
CONSUMER PRICES <i>(U.S. Department of Labor Indexes)</i>																
All items.....1957-59=100.....	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	⁴ 107.6	-----
Special group indexes.....do.....																
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¶.....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	-----
Nondurables.....do.....	103.6	104.9	104.5	104.4	104.2	104.2	104.8	105.5	105.5	105.3	105.2	105.4	105.6	105.7	105.6	-----
Durables¶.....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	-----
New 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	-----
Used cars.....do.....	115.2	116.6	110.7	113.3	115.4	115.7	117.7	118.1	119.0	120.1	120.0	121.0	120.3	119.6	119.0	-----
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 ¶.....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	-----
Meats, poultry, and fish.....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	-----
Dairy products.....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	-----
Fruits and vegetables.....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	-----
Housing.....do.....	104.8	106.0	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	-----
Shelter ¶*.....do.....	195.6	106.9	106.2	106.5	106.8	106.7	106.8	107.0	107.0	107.1	107.3	107.7	107.8	108.1	108.3	-----
Rent.....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	-----
Homeownership*.....do.....	105.6	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	-----
Fuel and utilities.....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	-----
Household furnishings and operation*.....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	102.7	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	109.1	108.9	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	111.5	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.....	106.5	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	-----

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 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^q																
<i>(U.S. Department of Labor Indexes)</i>																
Spot market prices, basic commodities:																
22 Commodities.....1957-59=100..	93.0	93.5	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 ^o.....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.....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 and vegetables, fresh and dried.....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.....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
Cereal and bakery products.....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
Dairy products and ice cream.....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
Fruits and vegetables, canned, frozen.....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
Meats, poultry, and fish.....do.....	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.....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 and allied products ^q.....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
Chemicals, industrial.....do.....	96.3	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
Drugs and pharmaceuticals.....do.....	96.0	95.1	95.1	95.2	95.1	95.2	95.2	95.1	95.0	94.9	94.9	95.0	95.0	95.0	95.4	95.3
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	98.1	98.0	98.4	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	104.5	104.6	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	81.9	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	111.0	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	97.5	97.7	96.9	97.4	* 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	93.1	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	103.8	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	102.2	102.8	102.9	102.9	103.1	103.1
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	10					

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	5,567	6,050	5,989	6,097	5,758	5,294	4,582	4,266	4,658
Private, total 2	3,456	3,650	2,753	2,938	3,324	3,685	3,966	4,054	4,090	4,073	4,111	4,038	3,780	3,091	3,091	3,309
Residential (nonfarm) 2	2,014	2,143	1,484	1,616	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)	(3)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Nonresidential buildings, except farm and public utilities, total 2	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	268	283	293	302	302	306	304	300	292
Commercial 2	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	609	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)
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	120	133	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..... mil. \$.	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	1,833	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	629	-----	
Utilities..... do.	196	212	127	167	152	385	167	178	182	102	206	444	356	816	692	-----
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: ^σ																
Total..... thous. sq. yds.	9,483	10,053	6,351	8,131	10,216	12,343	9,793	13,661	9,999	8,142	13,033	8,164	10,389	10,891	6,820	9,057
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†																
1957-59=100																
American Appraisal Co., The:	107	109	108	108	108	109	109	110	110	110	110	110	111	111	111	111
Average, 30 cities..... 1913=100	756	780	771	771	772	775	778	782	786	788	790	791	792	792	793	-----
Atlanta..... do.	832	857	851	852	852	852	852	856	862	862	863	863	863	863	870	-----
New York..... do.	836	858	849	849	849	849	851	851	867	869	872	872	874	884	884	-----
San Francisco..... do.	720	761	744	745	745	746	762	770	774	775	778	778	778	778	780	-----
St. Louis..... do.	741	760	756	756	754	754	754	754	762	762	765	774	776	779	779	-----
Associated General Contractors (building only)																
1957-59=100	111	114	113	113	113	114	114	115	115	115	116	116	116	117	117	117

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 data. ¶ Revised series. Revisions back to 1959 are shown in Construction Report C30-53 (Supplement); data back to Jan. 1950 will be available in a later Supplement (Bu. of the Census). ¶ Includes data not shown separately. Δ Monthly averages for 1962 are based on annual totals including revisions not distributed by months. § Data for May, Aug., and Oct. 1963 and Jan. 1964 are for 5 weeks; other months, 4 weeks. Comparable data prior to 1961 not available. ¶ Data for Apr., July, Oct., and Dec. 1963 and Jan. 1964 are for 5 weeks; other months, 4 weeks. * New series (from Bu. of Census reports, Series C-20). The 12,000 permit-issuing places covered by these data account for a major portion (about 83 percent) of private residential building in the United States (1959-63 data for 10,000 places are also provided in Series C-20 reports). † Revised to 1957-59 reference base; also reflects revision of basic data.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962		1963		1963								1964			
	Monthly average	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	121.1	
Bu. of Public Roads—Highway construction: ²																
Composite (avg. for qtr.)..... 1957-59=100.....	298.6	2101.0	-----	99.6	-----	-----	99.6	-----	-----	101.7	-----	-----	193.4	-----	-----	
CONSTRUCTION MATERIALS																
Output index:																
Composite, unadjusted ϕ 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 ϕ 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: ³																
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:																
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. \$.....	2,849	3,077	2,424	2,751	3,065	3,233	3,177	3,515	3,525	3,177	3,534	2,880	2,987	2,758	-----	
Nonfarm foreclosures..... number.....	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	-----	-----	
Fire losses (on bldgs., contents, etc.)..... mil. \$.....	105.42	117.13	126.53	137.38	141.22	121.20	106.68	100.93	113.73	98.35	109.52	94.91	113.12	139.33	118.85	-----

DOMESTIC TRADE

ADVERTISING																
Printers' Ink advertising index, seas. adj.:																
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	83	66	76	87	83	87	88	81	79	101	83	85	-----		
Radio (network)..... do.....	75	83	66	76	87	83	84	89	103	98	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. \$.....	2,199.7	2,208.2	-----	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..... mil. \$.....	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	0.9	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	0.9	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.

ϕ Includes data for items not shown separately.
 § 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

RETAIL TRADE—Continued																
All retail stores—Continued																
Estimated inventories, end of year or month—Continued																
Book value (seas. adj.)—Continued																
Nondurable goods stores ^o	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 ^o	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 ^o	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	30	34	60	26	22	40
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 ^o	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	2,095	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	2,881	2,086	1,982
Lumber yards, bldg. materials dealers ^o	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 ^o	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 ^o	do.			311	311	309	300	311	324	341	316	298	310	326	336	337
Men's and boys' wear stores	do.			29	29	29	29	28	33	31	29	27	29	31	33	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 ^o	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	939	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 ^o	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	7,262	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	50	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	40	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 ^o	mil.	2 186.66	2 189.38	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
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
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
Civilian labor force, total	do.	71,854	72,975	71,275	71,650	72,161	73,127	75,165	75,173	74,418	73,082	73,344	73,261	72,461	71,793	72,810
Employed, total	do.	67,846	68,809	66,358	67,148	68,097	69,661	70,319	70,851	70,561	69,546	69,891	69,325	68,615	67,222	68,002
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
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	64,548	64,576	63,234	64,071
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
Long-term (15 weeks and over)	do.	1,119	1,088	1,303	1,388	1,424	1,292	1,016	933	949	886	919	864	928	1,106	1,163
Percent of civilian labor force	do.	5.6	5.7	6.9	6.3	5.6	5.2	6.4	5.7	5.2	4.8	4.7	5.4	5.3	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
Civilian labor force, seasonally adj.	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
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
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
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
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	4,109	4,100	4,003
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
Rates (percent of those in group):																
All civilian workers		5.5	5.5	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
Experienced																

Table header with columns for years 1962, 1963, and 1964, and sub-columns for months. Includes text: 'Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS'

EMPLOYMENT AND POPULATION—Continued

Main data table containing employment and population statistics for various industries from 1962 to 1964. Includes sections like 'EMPLOYMENT—Continued' and 'Production workers on mfg. payrolls, unadjusted†'.

* Revised. † Preliminary. ‡ Total and components are based on unadjusted data. † Beginning with the Sept. 1963 SURVEY, data for employment, hours, earnings, and labor turnover reflect adjustments to Mar. 1962 benchmarks. The revision affects series back to Mar. 1959 and, for seasonally adjusted data, all series beginning Jan. 1962, with only

minor revisions prior to that time. Revisions not shown are available in the 1963 edition of BUSINESS STATISTICS and in BLS Bulletin 1312-1, "Employment and Earnings Statistics for the United States, 1909-62," 654 pp., \$3.50, G.P.O., Wash., D.C., 20402. ‡ Includes data for industries not shown separately.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963										1964		
	Monthly average		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	1,243	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	122.6	121.5	122.4	117.7	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	40.5	40.4	40.3	40.7	40.6	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	3.1	3.0	3.0	3.1	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	41.0	41.6	40.6	41.0	41.1
Seasonally adjusted.....do.....	41.0	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	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	40.0	40.6	40.8	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	43.1	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	39.7	39.8	39.3	39.7	39.6	39.5	39.6	39.7	39.8	39.5	39.9	39.6	39.9	39.8
Average overtime.....do.....	2.7	2.7	2.5	2.6	2.4	2.6	2.8	2.8	3.0	2.9	2.8	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	37.1	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	41.6	41.4	41.5	41.4	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	41.0	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	40.6	41.1	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	38.6	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	-----
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	35.4	-----
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	99.88	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	121.18	119.80	119.10
Lumber and wood																

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

Average weekly gross earnings per production worker on payrolls of nonagric. estab.†—Con.																
All manufacturing establishments—Continued																
Nondurable goods industries.....dollars.....do....	85.54	87.91	85.85	86.68	85.97	87.52	88.36	88.36	88.40	89.88	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	96.50	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	74.88	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	69.10	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	61.62	61.35	61.71	63.30	64.25	64.25	63.01	63.54	60.00	61.91	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	108.20	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 ♂.....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	-----
Metals 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	115.93	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	136.85	138.65	124.00	118.17	118.95	123.48	-----
Special trade contractors.....do.....	128.50	133.59	125.93	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	102.48	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.....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	-----
Wholesale 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	-----
Retail trade§.....do.....	65.95	68.04	66.75	66.75	67.48	67.68	68.96	69.30	69.30	68.61	68.25	68.26	68.40	68.26	69.01	-----
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 ♂.....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 ♂.....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 ♂.....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
Lumber and wood 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	1.99	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	3.06	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	-----
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	2.66	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 ♂.....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 ♂.....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	2.27	2.30	2.29	2.34	2.35	2.38	2.38	2.39	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

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		1962	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1964	1964	1964
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	3.149	3.157	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	4.644
Farm, without board or rm., 1st of mo.	do	11.01	11.05			1.11			1.09			.99			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	12.31	12.38			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	119
Labor turnover in manufacturing estab.†																		
Accession rate, total, mo. rate per 100 employees	do	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	3.8	3.2
Seasonally adjusted	do			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	3.8	3.8
New hires	do	2.5	2.4	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.1	2.6	1.8	1.4	2.0	1.9	1.9	1.9
Separation rate, total	do	4.1	3.9	3.2	3.5	3.6	3.6	3.4	4.1	4.7	4.9	4.1	3.8	3.7	4.0	3.2	3.2	3.2
Seasonally adjusted	do			3.7	3.2	4.0	4.0	3.8	4.0	4.2	3.9	3.7	3.7	3.7	4.0	3.7	3.7	3.7
Quit	do	1.4	1.4	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.2	1.1	1.1	1.1
Layoff	do	2.0	1.8	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	2.0	1.5	1.5	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	1.7	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	225	225
Workers involved	thous.	102	90	60	45	100	125	135	115	75	100	95	70	30	60	80	80	80
In effect during month:																		
Work stoppages	number			320	350	475	600	675	660	575	550	500	425	300	370	375	375	375
Workers involved	thous.			120	90	130	165	190	220	185	155	160	145	80	100	125	125	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	1,130	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	414	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	2,408	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	1,181	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	2,243	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	5.3	5.3
Seasonally adjusted	do			4.6	4.4	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.2	4.3	4.3	4.0	4.0	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	2,015	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	283.8	283.8
Federal employees, insured unemployment	thous.	29	31	38	35	31	28	26	30	29	28	29	32	34	39	40	40	40
Veterans' program (UCX):																		
Initial claims	do	28	29	27	25	23	20	22	31	29	28	31	29	39	39	29	29	29
Insured unemployment, weekly avg.	do	50	55	77	71	58	47	42	44	45	42	43	48	60	73	72	72	72
Beneficiaries, weekly average	do	47	52	77	72	61	44	45	38	42	40	38	39	52	67	71	71	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	9.6	9.6
Railroad program:																		
Applications	thous.	17	13	7	5	4	4	11	46	15	15	12	11	12	13	13	13	13
Insured unemployment, weekly avg.	do	62	47	64	57	49	39	32	39	37	41	41	45	47	53	52	52	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		1962	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1964	1964	1964
Open market paper outstanding, end of mo.:																		
Bankers' acceptances	mil. \$	2,650	2,890	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	3,056	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	8,119	8,119
Placed through dealers	do	2,088	1,928	2,193	2,266	2,204	2,084	2,049	2,059	2,062	2,098	2,230	2,172	1,928	2,042	2,079	2,079	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	6,040	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	6,542	6,542
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	3,364	3,406
Loans to cooperatives	do	735	840	779	761	745	702	701	711	706	735	848	858	840	866	849	849	815
Other loans and discounts	do	1,966	2,253	2,062	2,146	2,251	2,351	2,427	2,479	2,482	2,436	2,290	2,217	2,253	2,261	2,330	2,330	2,405
Bank debits:																		
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	394.9	342.9	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	145.8
6 other leading centers†	do	58.5	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	71.1
Seasonally adjusted:																		
Total (344 centers)	do			301.5	303.6	308.2	309.0	297.0	320.1	310.2	329.7	328.7	312.7	333.0	340.0	316.1	331.6	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	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	68.4
337 of 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	125.1
Federal Reserve banks, condition, end of mo.:																		
Assets, total †	mil. \$	356,020	358,028	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	56,629
Reserve bank credit outstanding, total †	do	333,902	336,418	32,698	32,585	32,825	32,808											

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	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	3,869	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	4,507	
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	1,694	
Other consumer goods paper..... do	1,245	1,320	1,242	1,339	1,397	1,311	1,260	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			1,809	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			1,753	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	13,996	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	6,206	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	7,659	7,849	9,763	7,806	7,500	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. \$	1303.47	1309.35	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	1299.21	1305.21	300.57	298.98	299.19	301.19	301.95	300.94	302.52	302.66	302.46	304.09	305.21	304.50	306.13	305.40
Public issues..... do	1255.78	1261.56	258.08	256.77	257.58	257.15	257.21	257.01	258.01	259.18	260.54	261.56	262.58	263.25	262.18	
Held by U.S. Govt. investment accts. do	111.99	114.14	12.40	12.77	12.56	13.37	13.40	13.20	13.48	13.76	14.01	14.14	14.44	14.48		
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	.41	.40
Redemptions..... do	.47	.42	.40	.40	.45	.41	.40	.44	.39	.42	.42	.34	.39	.33	.43	.48
LIFE INSURANCE																
Institute of Life Insurance:																
Assets, total, all U.S. life insurance companies \$ bil. \$	1133.29		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	5.58	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	14.03		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	49.22	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	1.28		
Other assets..... do	14.57		5.50	5.60	5.63	5.70	5.71									

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	7,045	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	5,469	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	15,582	15,583	15,582	15,513	15,512	15,462	15,461
Net release from earmark.....do	-66	-21	48	-27	-62	-39	-169	-44	107	-23	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	12,100	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	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	3,946	3,806	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	118.1	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			5,461			
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; 1/10 cent higher effective Nov. 15, 1962). 4 Based on refinery production (U.S. Bu. of Mint data); not comparable with later figures shown, which are from Amer. Bu. of Metal Statistics. 5 Average of daily figures. 6 Quarterly average. 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																
SECURITIES ISSUED—Continued																
Securities and Exchange Commission—Continued																
Estimated gross proceeds—Continued																
By type of issuer:																
Corporate, total ♀	897	1,020	642	1,363	1,049	1,340	1,246	810	756	871	1,116	891	1,459	991	779	-----
Manufacturing.....do.....mil. \$.	274	295	228	630	156	248	239	330	279	287	247	226	531	176	143	-----
Extractive (mining).....do.....	19	18	24	11	16	3	83	4	13	6	18	17	2	54	16	-----
Public utility.....do.....	237	222	147	161	434	283	413	191	124	79	278	174	293	137	162	-----
Railroad.....do.....	20	36	14	43	11	84	77	36	8	51	17	27	44	30	35	-----
Communication.....do.....	109	91	69	46	72	357	66	92	97	40	46	16	65	156	84	-----
Financial and real estate.....do.....	155	260	114	291	274	226	285	93	161	358	453	345	426	333	146	-----
Noncorporate, total ♀.....do.....	1,600	1,615	1,523	1,467	1,879	1,443	3,808	1,279	1,224	802	1,861	1,226	853	1,495	1,311	-----
U.S. Government.....do.....	716	601	425	396	716	409	2,252	413	398	347	394	333	357	474	413	-----
State and municipal.....do.....	713	842	810	989	915	902	1,072	789	726	452	1,282	688	483	1,006	810	-----
New corporate security issues:	881	1,007	631	1,349	1,034	1,323	1,230	797	745	862	1,101	879	1,444	979	770	-----
Estimated net proceeds, total.....do.....	694	749	448	1,056	812	830	783	588	566	730	912	606	1,098	872	584	-----
Proposed uses of proceeds:	475	450	319	755	529	498	512	374	299	373	368	354	674	498	362	-----
New money, total.....do.....	219	299	129	300	283	332	271	214	297	357	514	252	424	374	221	-----
Plant and equipment.....do.....	63	127	37	205	104	419	217	121	107	67	88	61	30	53	20	-----
Working capital.....do.....	124	130	146	88	118	74	230	89	71	65	100	212	316	53	166	-----
Retirement of securities.....do.....	124	130	146	88	118	74	230	89	71	65	100	212	316	53	166	-----
Other purposes.....do.....	124	130	146	88	118	74	230	89	71	65	100	212	316	53	166	-----
State and municipal issues (Bond Buyer):	713	842	810	989	915	902	1,072	789	726	452	1,282	688	483	1,006	810	-----
Long-term.....do.....	397	457	467	457	962	206	544	392	567	283	427	613	259	336	470	-----
Short-term.....do.....	316	385	343	532	953	696	528	397	159	169	855	74	224	670	336	-----
SECURITY MARKETS																
Brokers' Balances (N.Y.S.E. Members Carrying Margin Accounts)																
Cash on hand and in banks.....mil. \$.	1,405	1,461	422	399	415	418	407	423	406	431	423	478	461	464	465	-----
Customers' debit balances (net).....do.....	14,149	15,541	4,355	4,358	4,553	4,762	4,930	4,920	5,057	5,356	5,524	5,621	5,541	5,546	5,405	-----
Customers' free credit balances (net).....do.....	11,216	11,210	1,191	1,175	1,201	1,166	1,149	1,126	1,093	1,180	1,176	1,211	1,210	1,262	1,199	-----
Money borrowed.....do.....	12,820	14,481	3,094	3,192	3,272	3,688	3,953	3,865	3,956	4,169	4,251	4,485	4,481	4,251	4,191	-----
Bonds																
Prices:																
Standard & Poor's Corporation:																
Industrial, utility, and railroad (A1+ issues):																
Composite (19 bonds) ♂.....dol. per \$100 bond..	96.2	96.8	97.8	97.8	97.4	97.1	97.1	96.6	96.5	95.9	95.9	95.9	95.4	95.3	95.7	95.2
Domestic municipal (15 bonds).....do.....	112.1	111.3	112.1	113.3	113.1	112.6	110.7	110.3	111.4	110.7	109.9	108.5	109.5	111.2	112.3	109.9
U.S. Treasury bonds, taxable ♀.....do.....	86.94	86.31	87.33	87.15	86.63	86.66	86.36	86.16	86.45	85.77	85.50	85.03	84.64	84.42	84.60	84.10
Sales:																
Total, excl. U.S. Government bonds (SEC):																
All registered exchanges:																
Market value.....mil. \$.	144.14	145.04	111.87	100.64	139.00	151.22	126.55	116.30	128.95	120.86	131.47	162.77	322.41	286.79	230.97	-----
Face value.....do.....	148.83	137.82	126.08	108.50	139.12	151.22	127.69	113.84	129.99	113.87	121.30	158.36	240.58	253.71	213.65	-----
New York Stock Exchange:																
Market value.....do.....	138.80	138.94	107.89	95.66	133.39	142.52	119.48	110.37	123.41	113.14	122.60	158.16	317.40	280.62	226.21	-----
Face value.....do.....	143.27	132.17	121.64	102.80	132.71	142.91	122.36	109.00	116.29	107.96	114.33	153.92	235.87	248.73	209.23	-----
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$.	121.21	123.61	107.97	91.35	124.31	126.28	104.26	95.87	106.74	94.41	107.04	173.13	234.32	284.85	226.12	212.95
Yields:																
Domestic corporate (Moody's).....percent.	4.62	4.50	4.48	4.47	4.47	4.47	4.47	4.49	4.50	4.52	4.52	4.54	4.55	4.56	4.55	4.56
By ratings:																
Aaa.....do.....	4.33	4.26	4.19	4.19	4.21	4.22	4.23	4.26	4.29	4.31	4.32	4.33	4.35	4.37	4.36	4.38
Aa.....do.....	4.47	4.39	4.36	4.34	4.35	4.36	4.36	4.39	4.40	4.41	4.43	4.44	4.46	4.49	4.46	4.47
A.....do.....	4.65	4.48	4.46	4.45	4.46	4.46	4.45	4.47	4.48	4.50	4.51	4.54	4.54	4.56	4.56	4.56
Baa.....do.....	5.02	4.86	4.89	4.88	4.87	4.85	4.84	4.84	4.83	4.84	4.83	4.84	4.85	4.83	4.83	4.83
By groups:																
Industrial.....do.....	4.47	4.42	4.37	4.38	4.40	4.40	4.40	4.43	4.45	4.46	4.47	4.47	4.48	4.50	4.48	4.49
Public utility.....do.....	4.51	4.41	4.37	4.38	4.39	4.39	4.40	4.42	4.42	4.44	4.44	4.45	4.49	4.51	4.51	4.51
Railroad.....do.....	4.86	4.65	4.69	4.65	4.63	4.63	4.61	4.62	4.63	4.65	4.66	4.68	4.68	4.68	4.67	4.67
Domestic municipal:																
Bond Buyer (20 bonds).....do.....	3.14	3.18	3.12	3.06	3.11	3.16	3.22	3.12	3.15	3.19	3.24	3.31	3.26	3.13	3.17	3.32
Standard & Poor's Corp. (15 bonds).....do.....	3.18	3.23	3.18	3.11	3.11	3.15	3.27	3.29	3.22	3.27	3.32	3.41	3.34	3.23	3.17	3.32
U.S. Treasury bonds, taxable ♂.....do.....	3.95	4.00	3.92	3.93	3.97	3.97	4.00	4.01	3.99	4.04	4.07	4.10	4.14	4.15	4.14	4.18
Stocks																
Cash dividend payments publicly reported:																
Total dividend payments.....mil. \$.	215,076	216,188	520.1	2,164.1	1,038.5	409.7	2,321.1	1,081.5	454.3	2,230.6	1,071.4	480.7	3,316.7	1,187.5	594.7	2,377.0
Finance.....do.....	2,360	2,487	181.8	197.0	203.3	92.2	197.1	220.7	96.0	233.1	216.9	124.8	440.2	305.1	209.3	240.2
Manufacturing.....do.....	7,823	8,510	139.9	1,388.1	353.3	145.0	1,546.4	355.5	170.1	1,406.0	358.4	165.6	2,164.8	346.2	170.8	1,542.9
Mining.....do.....	2,549	2,582	2.6	112.4	13.9	4.5	112.2	15.5	2.8	110.0	15.1	3.4	175.1	18.1	2.2	110.6
Public utilities:																
Communications.....do.....	2,141	2,146	2.5	117.7	239.6	3.6	102.8	258.4	3.0	120.1	244.5	3.2	124.2	247.0	3.0	109.6
Electric and gas.....do.....	2,173	2,190	125.2	208.3	131.0	127.8	212.2	133.9	131.9	215.1	134.9	136.7	216.8	135.0	140.1	223.8
Railroads.....do.....	2,353	2,377	8.6	55.5	20.2	5.5	59.2	16.7	8.7	56.4	21.2	6.2	87.6	26.4	8.8	62.4
Trade.....do.....	2,606	2,642	49.9	54.6	60.2	22.4	61.3	64.2	32.2	62.1	62.9	30.4	62.4	90.2	47.7	57.4
Miscellaneous.....do.....	2,201	2,232	9.6	30.5	17.0	8.7	29.9	16.6	9.6	27.8	17.5	10.4	36.6	19.5	12.8	30.1
Dividend rates and prices, common stocks (Moody's):																
Dividends per share, annual rate (200 stocks)																
dollars.....do.....	5.99	6.42	6.22	6.24	6.26	6.40	6.40	6.41	6.41	6.41	6.51	6.80	6.82	6.89	6.91	6.93
Industrial (125 stocks).....do.....	6.43	6.98	6.73	6.75	6.76	6.97	6.97	6.97	6.97	6.97	7.10	7.39	7.41	7.52	7.55	7.56
Public utility (24 stocks).....do.....	2.97	3.21	3.10	3.10	3.16	3.16	3.21	3.21	3.23	3.30	3.30	3.32	3.33	3.33	3.34	3.38
Railroad (25 stocks).....do.....	3.36	3.50	3.42	3.42	3.42	3.48	3.48	3.48	3.48	3.49	3.60	3.60	3.67	3.67	3.70	3.72
Bank (15 stocks).....do.....	4.30	4.46	4.44	4.44	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.51	4.51	4.54	4.55	4.55
Insurance (10 stocks).....do.....	5.31	5.84	5.80	5.84	5.84	5.84	5.84	5.84	5.86	5.86	5.86	5.86	5.86	5.86	5.90	5.90
Price per share, end of mo. (200 stocks) ♀.....do.....																
Industrial (125 stocks).....do.....	177.87	202.32	185.31	191.72	201.02	204.25	198.62	198.29	207.81	206.58	214.67	211.74	216.57	222.47	225.21	227.79
Public utility (24 stocks).....do.....	189.95	218.24	196.71													

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

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 RR., for 12 mo. ending each qtr.):																
Industrial (125 stocks).....dollars.....	11.10	12.40		11.25			12.95			11.00			14.40			
Public utility (24 stocks).....do.....	4.73	4.98		4.81			4.87			4.91			4.98			
Railroad (25 stocks).....do.....	5.73	6.29		5.68			5.23			6.37			6.29			
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	793.63	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	146.09	139.25
Railroad (20 stocks).....	132.61	165.30	151.85	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:♁																
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)♀.....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	65.38	67.36	68.11	70.15
Public utility (59 stocks).....do.....	59.16	64.99	64.97	63.35	64.64	65.52	64.87	64.47	66.57	65.55	64.81	65.64	67.26	67.20	66.78	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†.....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
Sales (Securities and Exchange Commission):																
Total on all registered exchanges:																
Market value.....mil. \$.....	4,561	5,360	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†																
Exports (mdse.), incl. reexports, total¹.....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	1,779.2	1,713.6	1,810.7	1,765.5	2,023.0	2,028.5	2,092.3	2,025.0	1,994.5	
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	491.7	381.2	442.4	438.0	459.7	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	656.2	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	26.2	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	23.9	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	22.0	24.5	37.3	36.9	47.8	25.6	45.5	25.5		
Malaysia⊙.....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	(9)	2	(9)	(9)	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		

† Revised. † Preliminary. ¹ Quarterly average at annual rate. ² For 12 months ending Dec. ³ Less than \$50,000. Δ Revisions for various periods prior to Feb. 1963 will be shown later. ⊙ Includes grant-aid shipments under the Dept. of Defense Military Assistance Program, as well as economic aid shipments under other programs. Δ Excludes "special category" shipments. ⊙ Country designation established Jan. 1964.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	1962	1963	1963										1964		
		Monthly average	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 ¹																	
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 ²	do.	† 270.3	† 262.8	† 280.9	295.2	† 300.5	† 315.6	† 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	† 15.1	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)	(1)	(1)	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 ³	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 ⁴	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 ⁵	do.	† 419.5	† 465.4	† 492.3	† 505.2	† 499.7	† 505.4	† 412.9	† 410.6	† 408.7	† 433.7	552.6	574.5	588.1	542.2	525.3	
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 ⁶	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	37.0	
Nonagricultural products, total ⁷	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	107.1	112.7	115.3	146.1	† 165.3	159.7	148.2		
Chemicals and related products ⁸	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 ⁹	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 ¹⁰	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 ¹¹	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 ¹²	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: ¹³																	
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: ¹⁴																	
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 ¹⁵	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	127.2	† 116.8	† 109.7	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	.2	.3	.2	.2	.3	.2	.1	.3	.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	

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 semifms. (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 semifms.*.....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	102	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	4,792	4,891	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. \$.	295.9	295.9		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. § 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										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.....	1 120.3	1 126.3		1 121.3			1 125.4					1 124.0				
Carriers of passengers, class I (qtrly. avg. or total):																
Number of reporting carriers.....	2 140															
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..... thous.....	2,364	2,406	3 2,563	2,129	2,240	2,389	3 2,971	2,137	3 2,872	2,307	2,518	3 2,859	1,972	2,045	3 2,645	2,105
Coal..... do.....	439	461	3 508	383	423	449	3 571	300	3 582	464	474	3 561	417	415	3 512	393
Coke..... do.....	30	32	3 37	31	33	35	3 43	30	3 34	28	27	3 33	29	31	3 41	34
Forest products..... do.....	158	156	3 177	148	143	148	3 182	135	3 189	147	155	3 183	130	136	3 196	154
Grain and grain products..... do.....	231	234	3 270	216	210	205	3 268	229	3 270	200	258	3 303	197	227	3 267	186
Livestock..... do.....	17	14	3 11	12	13	13	3 10	8	3 13	15	25	3 25	10	10	3 10	10
Ore..... do.....	144	147	3 65	63	79	185	3 260	212	3 260	205	183	3 157	55	50	3 75	66
Merchandise, i.c.l..... do.....	97	72	3 94	76	73	71	3 84	63	3 81	64	65	3 73	53	51	3 70	54
Miscellaneous..... do.....	1,277	1,289	3 1,401	1,200	1,266	1,284	3 1,554	1,161	3 1,444	1,185	1,331	3 1,523	1,081	1,125	3 1,473	1,207
Freight carloadings, seers. adj. indexes (Fed. R.):†																
Total..... 1957-59=100.....	4 92	4 93	94	94	96	97	95	94	91	91	93	92	94	97	97	94
Coal..... do.....	90	95	91	88	96	101	100	99	97	94	94	90	91	89	90	90
Coke..... do.....	81	88	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, i.c.l..... do.....	49	36	41	40	39	38	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):																
Operative 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		1,905.5			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			326.8			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			225.1			
Operating results:																
Freight carried 1 mile (qtrly.)..... bil. ton-miles.....	3 151.6			148.7			165.2			158.2						
Revenue per ton-mile (qtrly. avg.)..... cents.....	3 1.347			1.320			1.310			1.312						
Passengers carried 1 mile, revenue (qtrly.)..... mil.....	3 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	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	9.60	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	216	187	189	230	295	391	271	219	174	158			
Departures..... do.....	191	216	176	201	212	209	341	333	283	267	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. \$.....	12,976	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	856.8	881.8	881.1		
Station revenues..... do.....	440.0	465.4	452.5	457.3	462.2	464.5	463.8	463.1	465.6	468.0	477.3	475.2	480.0	481.7		
Tolls, message..... do.....	270.4	280.7	257.0	283.1	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	483.1	492.4	502.9	478.2	486.8	495.1	489.8	623.4	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	23,824	24,964	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	1,680	364	784	873	1,118	1,543	1,348	2,590	2,597	2,983	2,398	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	2,599	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	5,060	4,824	5,058	4,862	5,117	5,034	5,099	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	3,826	3,721	3,822	4,028	4,188	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. 6 Revisions for 1962 are in the Aug. 1963 Survey. 7 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	236.6	204.4	229.5	238.6	261.7	253.3	253.7	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: ^α																
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 \varnothingthous. sh. tons..																
Nitrogenous materials.....do.....	67	55	92	58	563	571	636	720	668	696	1,790	701	693	622	.....	.....
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 * \varnothingdo.....																
Ammonium nitrate.....do.....	18	21	20	19	33	18	15	12	18	19	21	27	20	20	.....	.....
Ammonium sulfate.....do.....	20	20	27	26	31	33	13	6	21	27	11	11	14	14	.....	.....
Potassium chloride.....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.....																
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	.....	.....	.....	.....	.....	.....	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	.....	.....

^α Revised. ¹ Quarterly average. ² 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. ³ Data are reported on the basis of 100% content of the specified material unless otherwise

indicated. \varnothing 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.....	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	
By waterpower..... 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	
Privately and municipally owned util..... do.....	57,725	62,095	56,543	59,661	57,451	59,937	62,045	66,287	67,161	61,769	63,181	60,837	66,459	67,024	62,143	
Other producers (publicly owned)..... 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	
Industrial establishments, total..... 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 fuels..... 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	70,500	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	24,932		
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	8.38	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	.57	.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 daisies (Chicago).....\$ per lb.....	.400	.426	.422	.424	.425	.423	.423	.427	.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.....	² 284.8	² 284.0		233.8			³ 146.8				426.0		329.2			
On farms.....do.....	² 160.8	² 165.0		130.9			³ 67.6				262.6		199.1			
Off farms.....do.....	² 124.0	² 118.9		102.9			³ 79.3				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	5.5		
Prices, 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	1.13	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.....	² 2,929	2,795		3,037			2,115				³ 1,316		4,353			
On farms.....do.....	² 1,807	1,779		1,998			1,386				3,514		3,217			
Off farms.....do.....	² 1,122	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	35.7	54.7	46.8		
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	10,981														
Stocks (domestic), end of quarter, total.....do.....	² 628	² 620		488			³ 274				946		773			
On farms.....do.....	² 553	² 545		427			³ 232				833		688			
Off farms.....do.....	² 74	² 75		62			³ 43				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, No. 2 (Minneapolis).....\$ 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	² 15.0		15.2			³ 6.9				23.1		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	1.42	1.45	1.44	1.42	1.48	1.38	1.34

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.....ml. bu.	1 1,094	1 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.																	
On farms.....do.	2 1,713	2 1,564		1,504				1,195			1,941			1,614			
Off farms.....do.	2 259	2 252		195				95			409			309			
Total.....do.	1,453	1,312		1,309				1,100			1,533			1,305			
Exports, total, including flour.....do.																	
Wheat only.....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.																	
No. 2, hd. and dk. hd. winter (Kans. City).....do.	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	
Weighted avg., 6 markets, all grades.....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	
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	300		
Grndings of wheat.....thous. bu.	49,613	49,476	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.)	2 4,584	2 4,712		5,116				4,383			4,528			4,823			
Exports.....do.	2,686	2,808	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.																	
Winter, hard, 95% patent (Kans. City).....do.	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	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	5 233	5 233	5 233
LIVESTOCK																	
Cattle and calves:																	
Slaughter (federally inspected):																	
thous. animals.....do.	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.	595	551	234	350	487	390	294	342	468	717	1,281	1,133	578	525	319		
Prices, wholesale:																	
Beef steers (Chicago) \$ per 100 lb.																	
Steers, stocker and feeder (Kansas City).....do.	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	
Calves, vealers (Natl. Stockyards, Ill.).....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	
Hogs:																	
Slaughter (federally inspected).....thous. animals																	
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:																	
Wholesale, average, all grades (Chicago) \$ per 100 lb.																	
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....do.	16.44	15.03	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	
Sheep and lambs:																	
Slaughter (federally inspected).....thous. animals																	
Receipts (salable) at 27 public markets.....do.	1,224	1,163	1,052	1,137	1,116	1,062	972	1,201	1,204	1,236	1,441	1,112	1,105	1,296	980		
Shipments, feeder, to 8 corn-belt States.....do.	524	444	381	390	396	354	350	470	442	601	640	419	406	394	294	304	
Prices, wholesale:																	
Lambs, average (Chicago) \$ per 100 lb.																	
Lambs, feeder, good and choice (Omaha).....do.	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	(6)	19.74	17.80	16.84	16.84	16.52	16.44	(6)	(6)	(6)	(6)	
MEATS AND LARD																	
Total meats:																	
Production (carcass weight, leaf lard in), inspected slaughter.....ml. lb.																	
Stocks (excluding lard), cold storage, end of month.....ml. 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		
Exports (meat and meat preparations).....do.	481	592	557	637	686	661	623	579	522	523	541	623	653	729	773	794	
Imports (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.																	
Stocks, cold storage, end of month.....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		
Exports.....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	
Imports.....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.																	
Lamb and mutton:	.464	.417	.437	.408	.408	.409	.402	.420	.422	.426	.417	.404	.391	.398	.381	.378	
Production, inspected slaughter.....ml. lb.																	
Stocks, cold storage, end of month.....do.	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.....ml. lb.																	
Production (excluding lard):	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		
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.																	
Fresh loins, 8-12 lb. average (New York).....do.	7.491	.464	.468	.443	.431	.440	.458	.478	.488	.465	.463	.472	.480	.458	.458	.458	
Lard:	.475	.443	.426	.396	.380	.407	.470	.495	.498	.478	.461	.427	.417	.438	.413	.409	
Production, inspected slaughter.....ml. lb.																	
Stocks, dry and cold storage, end of mo.....do.	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		
Exports.....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			

† Revised. ‡ Preliminary. § Monthly average based on 11 months (Feb.-Dec.). ¶ Choice only.
 1 Crop estimate for the year. 2 Quarterly average. † Revised effective Jan. 1961 in accordance with the Standard International Trade Classification (SITC) grouping of items; this grouping excludes lard (included in former export series) and sausage casings (formerly included) but includes meat extracts, etc. (formerly excluded). Data for Jan. 1961-Aug. 1962 are available upon request.
 3 Old crop only; new grain not reported until beginning of new crop year (July for wheat).
 4 Beginning Jan. 1964, flour included in total is converted to grain equivalent on basis of 2.33 bu. of wheat to 100 lb. of flour (2.3 bu. formerly used).
 5 Average based on months for which quotations are available. 6 No quotation.

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	464	
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	342	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	150.4	
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	.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. ¹ Beginning Jan. 1963, includes data for Alaska and Hawaii. ² Quarterly average. ³ Effective Sept. 1963, includes small amounts of refined sugar, tintured, colored, or adulterated. ⁴ Not available. ⁵ Beginning March 1963, includes General Services Administration stocks no longer required for the strategic stockpile; not comparable with earlier data. ⁶ Includes a significant amount described as "contaminated."

○ Cases of 30 dozen. ○ Bags of 132.276 lb. ⁷ Includes data not shown separately; see also note "§". ⁸ Monthly data reflect cumulative revisions for prior periods. ⁹ For data on lard, see p. S-28. ¹⁰ 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.....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	26.8	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	28.9	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.	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	250.1	
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	609.2	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.	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.	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	392.6	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	339.9		
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	.135	.132	.135	.134	.132	.124	.133	.133	.141	.127	p.124	.....	
TOBACCO																	
Leaf:																	
Production (crop estimate).....mil. lb.	42,314	42,272		
Stocks, dealers' and manufacturers', end of quarter, total.....mil. lb.	54,696	54,927		
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	40,984		
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	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.....	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		
Taxable.....do	41,205	42,466	37,909	39,555	42,271	48,248	41,562	42,411	47,006	42,399	46,740	41,272	36,684	40,980	29,168		
Cigars (large), taxable.....do	530	547	452	475	554	644	509	506	606	555	652	648	407	594	622		
Manufactured tobacco, taxable.....thous. lb.	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		
Exports, cigarettes.....millions.....	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. \$.	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. \$.	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	1,723	1,923	1,249	781	1,361	1,031	.....	
Goat and kid skins.....do	1,198	1,231	1,782	1,697	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.	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	.119	.090	p. 083	.....	
LEATHER																	
Production:																	
Calf and whole kip.....thous. skins.	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	1,789	2,031	1,793	1,798	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:																	
Glove and garment leather.....thous. sq. ft.	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.	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. * New series. Data prior to Sept. 1962 may be obtained from Bureau of Census reports. † Average based on reported annual total. ‡ Average based on months for which data are available. § Not available. ¶ 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.....do.....	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	453	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	1,904	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.....	929	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. \$ per M bd. ft.....	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		
Flooring, C and better, F. G., 1" x 4", R. L. \$ per M bd. ft.....	122.52	134.22	129.12	130.05	130.51	131.74	131.74	136.04	138.45	136.72	137.67	139.77	141.38	142.48		
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		
Flooring, B and better, F. G., 1" x 4", S. L. 1957-59=100..	94.6	95.2	94.4	94.4	94.5	95.0	95.3	95.5	95.7	96.0	95.6	95.6	95.6	95.6		
Western pine:																
Orders, new.....mil. bd. ft.....	800	849	767	776	875	941	910	942	892	866	1,002	730	759	891	937	
Orders, unfilled, end of month.....do.....	416	383	307	364	424	400	417	435	356	347	384	352	347	503	501	
Production.....do.....	789	841	753	833	763	916	835	866	1,006	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.....	10.5	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	73.2	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. † 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 ϕ.....thous. sh. tons	615	740	796	638	688	826	778	913	941	817	790	657	820	864		
Steel mill products.....do.	168	182	174	179	198	223	169	195	178	162	212	207	230	226		212
Scrap.....do.	426	531	556	425	459	564	589	698	748	640	552	428	564	580		
Imports, total ϕ.....do.	424		393	427	500	597	603	669	637							
Steel mill products ϕ.....do.	342	454	340	387	425	516	467	599	547	471	549	516	402	481		428
Scrap ϕ.....do.	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	ϕ 6,174	5,587	6,519	7,076	7,538	6,858	5,958	5,511	5,494	6,187	ϕ 5,933	ϕ 5,914			
Home scrap produced.....do.	3,387	ϕ 3,715	3,292	3,877	4,215	4,465	4,168	3,732	3,404	3,363	3,671	ϕ 3,513	ϕ 3,536			
Purchased scrap received (net).....do.	2,107	ϕ 2,459	2,295	2,641	2,861	3,073	2,690	2,227	2,107	2,131	2,516	ϕ 2,420	ϕ 2,379			
Consumption, total.....do.	5,513	ϕ 6,219	5,688	6,825	7,207	7,583	6,867	5,681	5,425	5,573	6,204	ϕ 5,971	ϕ 5,944			
Stocks, consumers', end of mo.....do.	8,844	ϕ 7,977	8,225	7,920	7,785	7,738	7,731	8,011	8,097	8,013	8,002	ϕ 7,961	ϕ 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	26.80	27.22	27.02	27.24	ϕ 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	ϕ 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	8,038	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	ϕ 74,732	ϕ 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	13,221		
At furnace yards.....do.	55,293	ϕ 53,435	ϕ 52,593	46,720	41,054	42,378	45,033	49,358	55,188	60,185	64,550	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 ϕ.....do.	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	ϕ 6,057	5,413	6,576	6,905	7,584	6,900	5,909	5,270	5,224	5,604	ϕ 5,588	ϕ 5,949			
Stocks (consumers' and suppliers'), end of mo.....thous. sh. tons	3,178	ϕ 2,813	2,969	2,864	2,747	2,634	2,669	2,782	2,804	2,811	2,808	ϕ 2,825	ϕ 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	ϕ 63.00	
Foundry, No. 2, Northern.....do.	66.00	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	63.50	ϕ 63.50	
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, total.....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, total.....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	ϕ 9,474	ϕ 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	ϕ 122.8	ϕ 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	ϕ 312	ϕ 320	322	
Shipments, total.....do.	113	116	ϕ 122	122	124	125	118	96	105	115	123	111	114	139	ϕ 121	
Drop and upset.....do.	86	88	ϕ 93	92	92	93	87	74	78	91	95	84	88	ϕ 111	93	
Steel products, net shipments:																
Total (all grades).....do.	5,879	6,296	5,694	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	342	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	579	557	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	550	584	579	680	621	
Reinforcing.....do.	199	224	141	177	247	254	256	279	269	290	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	768	724	699	631	569	605	468	442	504	545	
Wire and wire products.....do.	259	262	231	282	321	350	302	255	250	244	263	221	192	221	226	
Tin mill products.....do.	505	488	495	567	567	606	560	533	541	465	404	352	323	353	494	
Sheets and strip (incl. electrical), total.....do.	2,373	2,587	2,384	2,840	3,028	3,373	3,094	2,399	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	ϕ 9.4	ϕ 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	5.2	ϕ 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	ϕ 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	ϕ 3.4	ϕ 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	7.4	7.3	7.4	7.8			

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.	2.988	2.262	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.298	2.300	2.300	2.300	2.300	2.343
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	159.8	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	147.5	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.	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.060	3.112
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	49.5	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.	0.963	1.114	1.050	1.050	1.050	1.050	1.071	1.107	1.135	1.163	1.194	1.215	1.250	1.298	1.300	1.300
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	3,451	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	190			
Consumption, pig, total.....do.	6,590	6,520	6,195	7,115	7,070	7,420	6,985	6,425	6,470	6,630	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	4,445	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).....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	1300	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.....																
Gas.....do.....	157.0	161.9	97.4	126.4	105.6	116.9	158.4	180.8	254.2	239.1	258.2	183.6	120.5	93.5	.....	.....
Other.....do.....	94.1	101.5	47.2	79.2	55.7	62.6	103.4	110.0	171.4	146.3	170.4	132.6	81.6	56.9	.....	.....
Warm-air furnaces (forced-air and gravity air-flow), shipments, total.....thous.....																
Gas.....do.....	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	.....	.....
Other.....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	2,061	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), total.....mil. \$..																
Tractors, tracklaying, total.....do.....	1261.4	1307.6	.....	257.4	.....	.....	378.9	.....	309.2	.....	.....	.....	284.9	.....	.....	.....
Tractors, wheel (con. off-highway).....do.....	64.2	80.2	.....	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	2,190	2,604	3,186	3,673	3,174	3,622	3,146	1,644	.....
Ranges (incl. built-ins), sales, total.....do.....																
Refrigerators and home freezers, output 1957-59=100.....	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	587.9	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):																
Polyphase 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. ‡ Quarterly average. § For month shown. ¶ Data cover 5 weeks; other months, 4 weeks. * Data cover 6 weeks. † Includes data not shown separately. ‡ Producers' stocks, elsewhere, end of Mar. 1964, 18,700 tons. * New series. Shipments (from The Institute of Boiler and Radiator Manufacturers) represent the following approximate percentages of total industry shipments: Convectors, 90 to 95%; radiators and baseboards, 80 to 85%. § Includes data for built-in gas fired oven-broiler units; shipments of cooking tops, not included in figures above, totaled 26,700 units in Dec. 1963. † Revised. In addition to

fuel fired and electric processing furnaces, data include orders for industrial ovens and atmosphere generating and combustion equipment and miscellaneous orders received by members of the Industrial Heating Equipment Association. Monthly data back to 1958 are available. ‡ Revisions for Jan. 1962-Jan. 1963 (thous.): 131.4; 134.6; 157.8; 133.5; 148.8; 116.1; 130.8; 156.9; 143.0; 139.2; 144.4; 129.0. § 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										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
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
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	20,389	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	6,570	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	303	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	
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	4,529	4,661	4,487
Petroleum coke.....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	1,129	1,129	1,157	1,152	1,171	1,195	1,381	1,297	1,284	
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	
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 ³.....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	
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

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.

¹ Beginning Jan. 1963, data exclude condensate wells formerly included.

² See note 1 for p. S-36.

³ Includes data not shown separately.

⁴ Includes nonmarketable catalyst coke.

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	
Stocks, end of month.....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	
Price, wholesale, bulk lots (N.Y. Harbor) \$ per gal.	.104	.102	.106	.106	.106	.101	.101	.101	.101	.096	.096	.099	.104	P. 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	P. 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	P. 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	
Exports.....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	
Stocks, end of month.....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	
Price, wholesale, bright stock (midcontinent, f.o.b., Tulsa) \$ per gal.	.261	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	.270	P. 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	4.7	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:†															
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	2,784	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	938	4,352	3,969	4,330	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	130	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	
Sulfite.....do.	214	224	213	232	229	233	210	209	229	211	242	230	229	231	
Groundwood.....do.	283	289	273	296	289	306	276	274	295	280	310	308	280	327	
Defibrated or exploded.....do.	104	117	114	123	113	117	113	111	120	124	125	124	106	124	
Soda, semichem., screenings, etc.....do.	261	251	213	256	249	270	251	245	262	253	274	261	215	257	
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	1,452	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	1,578	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	

† Revised. ‡ Preliminary. † Beginning Jan. 1963, data for the indicated items exclude certain oils which have been reclassified as petrochemical feedstocks.
 ‡ Effective Jan. 1963, "screenings, etc." included with "defibrated or exploded."

§ Effective Jan. 1963, excludes stocks of "own pulp" at paper and board mills.
 † 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	96.6	96.6	96.5	96.5	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 ^a.....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 ^a.....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		
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..	2.285	2.263	2.284	2.271	2.270	2.270	2.270	2.265	2.253	2.230	2.255	2.258	2.240	2.235	2.236	2.256
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	28.82	29.67	29.68	29.82	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	10,746	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	1,606	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	6,263	5,888	8,194	6,209	
Export.....do.....	130	130	126	134	142	132	131	134	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	3,050	3,032	3,115	3,506	2,958	2,799	3,515	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	9,958	9,529	8,201	8,424	
Exports (Bu. of Census).....do.....	81	76	92	110	85	84	62	90	61	82	85					

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.
	1962	1963														
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	32,491	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	3,983	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			2,463			2,518				2,226		
Gypsum products sold or used, qtrly. avg. or total:																
Unacalined 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				365.0		
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 ⊕	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 ⊕	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 ¶	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 ¶	1,848.9	1,800.8	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:																
Ginnings Δ.....thous. running bales..	214,864	215,280						245	1,328	4,774	10,065	12,834	14,070	15,124		
Crop estimate, equivalent 500-lb. bales																
Consumption ⊖.....thous. bales..	214,867	215,324	656	666	1,809	694	662	1,685	667	663	1,829	678	605	1,814	683	673
Stocks in the United States, end of mo., total ⊖	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.
 ⊖ Excludes to Dec. 13. ⊕ Ginnings to Jan. 16.
 § Comprises sheathing, formboard, and laminated board.
 ⊕ Effective Jan. 1964, the manmade fabrics classifications were revised and the survey expanded to include drapery fabrics; silk and chiefly silk mixtures were omitted from the canvass. Because of apparent reporting problems in these and in the woolen and worsted apparel fabrics, data for total fabrics being withheld.
 ⊕ 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 bedsheets stocks.
 ¶ Excludes orders for wool apparel fabrics and bedsheets. 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	³ 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	9,394	³ 11,482	9,277	9,280	³ 9,819	9,344	9,345	³ 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	³ 9,771	7,856	7,833	³ 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	32,892	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	-----	-----
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	-----	-----
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	-----	-----
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly. avg. or total.....mil. lb.....	596.7	657.8	-----	613.4	-----	-----	641.6	-----	-----	670.0	-----	-----	706.0	-----	-----	-----
Filament yarn (rayon and acetate).....do.....	181.5	177.4	-----	169.6	-----	-----	174.2	-----	-----	176.6	-----	-----	189.3	⁴ 65.7	⁴ 59.1	-----
Staple, incl. tow (rayon).....do.....	125.0	144.8	-----	139.3	-----	-----	141.2	-----	-----	146.0	-----	-----	152.6	⁴ 56.6	⁴ 50.4	-----
Noncellulosic (nylon, acrylic, protein, etc.).....do.....	242.6	287.1	-----	250.4	-----	-----	278.2	-----	-----	298.8	-----	-----	311.9	-----	-----	-----
Textile glass fiber.....do.....	47.6	48.5	-----	45.1	-----	-----	48.0	-----	-----	48.6	-----	-----	52.2	-----	-----	-----
Exports:																
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	-----	-----
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	-----	-----
Imports:																
Yarns and monofilaments.....do.....	809	679	747	700	733	645	512	723	804	837	884	^r 487	510	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	⁵ 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	-----	-----
Staple, 1.5 denier.....do.....	.26	.26	.26	.26	.26	.27	.27	.28	.28	.28	.28	.28	.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. tire fabric).....do.....	397.0	428.5	-----	413.8	-----	-----	430.4	-----	-----	415.3	-----	-----	451.7	-----	-----	-----
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	-----	-----	4,540	-----	-----	-----
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	³ 21,125	20,107	18,126	³ 20,806	16,166	16,841	³ 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	15,538	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, 3/4 blood.....do.....	1.090	1.175	1.154	1.160	1.151	1.125	1.140	1.175	1.175	1.191	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.....	100.6	105.4	105.4	105.4	105.4	104.6	105.4	104.6	104.6	104.6	104.6	107.1	107.9	107.9	-----	-----
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	-----

^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.-

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

TEXTILE PRODUCTS—Continued

APPAREL	1962	1963	1964 Feb.	1964 Mar.	1964 Apr.	1964 May	1964 June	1964 July	1964 Aug.	1964 Sept.	1964 Oct.	1964 Nov.	1964 Dec.	1964 Jan.	1964 Feb.	1964 Mar.
Hosiery, 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	667	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	607	741			

TRANSPORTATION EQUIPMENT

AEROSPACE VEHICLES	1962	1963	1964 Feb.	1964 Mar.	1964 Apr.	1964 May	1964 June	1964 July	1964 Aug.	1964 Sept.	1964 Oct.	1964 Nov.	1964 Dec.	1964 Jan.	1964 Feb.	1964 Mar.
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. †	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....	1,540	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	128.3	116.6	129.1	83.6	117.0	141.7	124.7	127.8	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	4,336
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	

^σ 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.
^Δ Total includes backlog for nonrelated products and services and basic research.
[⊕] Data include military-type planes shipped to foreign governments.
^σ Data cover complete units, chassis, and bodies.
^Δ Effective with the Apr. 1964 SURVEY, shipments

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