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CURRENT BUSINESS

AUGUST, 1924

No. 36



COMPILED BY
BUREAU OF THE CENSUS
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
BUREAU OF STANDARDS

In addition to figures given from Government sources, there are also incorporated for completeness of service the figures from other sources generally accepted by the trades, the authority and responsibility for which are noted in the text

Subscription price of the SURVEY OF CURRENT BUSINESS is \$1.50 a year; single copies (monthly), 10 cents, quarterly issues, 20 cents. Foreign subscriptions, \$2.25; single copies, (monthly issues) including postage, 14 cents, quarterly issues, 31 cents. Subscription price of COMMERCE REPORTS is \$4 a year; with the Survey, \$5.50 a year. Make remittances only to Superintendent of Documents, Washington, D. C., by postal money order, express order, or New York draft. Currency at sender's risk. Postage stamps or foreign money not accepted.

INTRODUCTION

The SURVEY OF CURRENT BUSINESS is designed to present each month a picture of the business situation by setting forth the principal facts regarding the various lines of trade and industry. At quarterly intervals detailed tables are published giving, for each item, monthly figures for the past two years and yearly comparisons, where available, back to 1913. In the intervening months the more important comparisons only are given in the table entitled "Trend of business movements" (p. 37).

The present quarterly issue contains the complete figures for the monthly movements since September, 1921, and the monthly averages for earlier years as far as the data are available.

ADVANCE SHEETS

Realizing that current statistics are highly perishable and that to be of use they must reach the business man at the earliest possible moment, the department has arranged to distribute advance leaflets almost every week, whenever sufficient material is available, to those subscribers who request them. The leaflets are usually mailed on Wednesdays, and give such information as has been received during the preceding week. The information contained in these leaflets is also published in "Commerce Reports," issued weekly by the Bureau of Foreign and Domestic Commerce. The complete bulletin is distributed as quickly as it can be completed and printed.

BASIC DATA

The figures reported in the accompanying tables are very largely those already in existence. The chief function of the department is to bring together these data which, if available at all, are scattered in hundreds of different publications. A portion of these data are collected by Government departments, other figures are compiled by technical journals, and still others are reported by trade associations.

RELATIVE NUMBERS

To facilitate comparison between different items and render the trend of a movement more apparent, relative numbers (often called "index numbers," a term referring more particularly to a special kind of number described below) have been calculated. The relative numbers enable the reader to see at a glance the general upward or downward tendency of a movement which can not so easily be grasped from the actual figures.

In computing these relative numbers the last pre-war year, 1913, or in some instances a five-year average, 1909-1913, has been used as a base equal to 100 wherever possible. In many instances comparable figures for the prewar years are not available, and in such cases the year 1919 has usually been taken as the base. For some industries 1919 can not be regarded as a proper base, due to extraordinary conditions in the industry, and some more representative

period has been chosen. In a few cases other base periods are used for special reasons. In all cases the base period is clearly indicated.

The relative numbers are computed by allowing the monthly average for the base year or period to equal 100. If the movement for a current month is greater than the base, the relative number will be greater than 100, and vice versa. The difference between 100 and the relative number will give at once the per cent increase or decrease compared with the base period. Thus a relative number of 115 means an increase of 15 per cent over the base period, while a relative number of 80 means a decrease of 20 per cent from the base.

Relative numbers may also be used to calculate the approximate percentage increase or decrease in a movement from one period to the next. Thus, if a relative number at one month is 120 and for a later month it is 144 there has been an increase of 20 per cent.

INDEX NUMBERS

When two or more series of relative numbers are combined by a system of weightings the resulting series is denominated an index number. The index number, by combining many relative numbers, is designed to show the trend of an entire group of industries or for the country as a whole, instead of for the single commodity or industry which the relative number covers. Comparisons with the base year or with other periods are made in the same manner as in the case of relative numbers.

BUSINESS INDICATORS

The diagrams on page 2 have been prepared to facilitate comparisons between a few of the more important business movements. The lines are plotted on what are known as ratio charts (logarithmic scale). These charts show the percentage increase and allow direct comparisons between the slope of one curve and that of any other curve regardless of its location on the diagram; that is, a 10 per cent increase in an item is given the same vertical movement whether its curve is near the bottom or near the top of the chart.

The difference between this and the ordinary form of a chart can be made clear by an example. If a certain item, having a relative number of 400 in one month, increases 10 per cent in the following month, its relative number will be 440, and on an ordinary chart would be plotted 40 equidistant scale points higher than the preceding month. Another movement with a relative number of, say, 50, also increases 10 per cent, making its relative number 55. On the ordinary (arithmetic) scale this item would rise only 5 equidistant points, whereas the previous item rose 40 points, yet each showed the same percentage increase. The ratio charts avoid this difficulty and give to each of the two movements exactly the same vertical rise, and hence the slopes of the two lines are directly comparable. The ratio charts compare percentage changes, while the arithmetic charts compare absolute changes.

This issue presents practically complete data for the month of June and also, on page 31, items covering July received up to August 14. As most data covering a particular month's business are not available until from 15 to 30 days after the close of the month, a complete picture of that month's operations, including relative numbers, cumulative totals, text, and charts, can not be presented in printed form under 45 days after its close, but the advance leaflets described above give considerable information as early as 15 days after its close and present almost every week the latest data available. Summary for July based upon early items is given on page 1.



SURVEY OF CURRENT BUSINESS

COMPILED BY

BUREAU OF THE CENSUS : : BUREAU OF FOREIGN AND DOMESTIC COMMERCE : : BUREAU OF STANDARDS

No. 36

AUGUST

1924

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PRELIMINARY SUMMARY FOR JULY

Early reports from basic industries indicate smaller production in July than in June, with decreases noted in the output of pig iron, steel ingots, zinc, locomotives, and ships. The output of cement and the consumption of raw silk increased over June, however. Compared with a year ago, smaller output was also recorded except for the output of cement and ships and the consumption of silk. Unfilled orders on the books of locomotive manufacturers and of the United States Steel Corporation both declined from the end of June, and fewer iron furnaces were in blast.

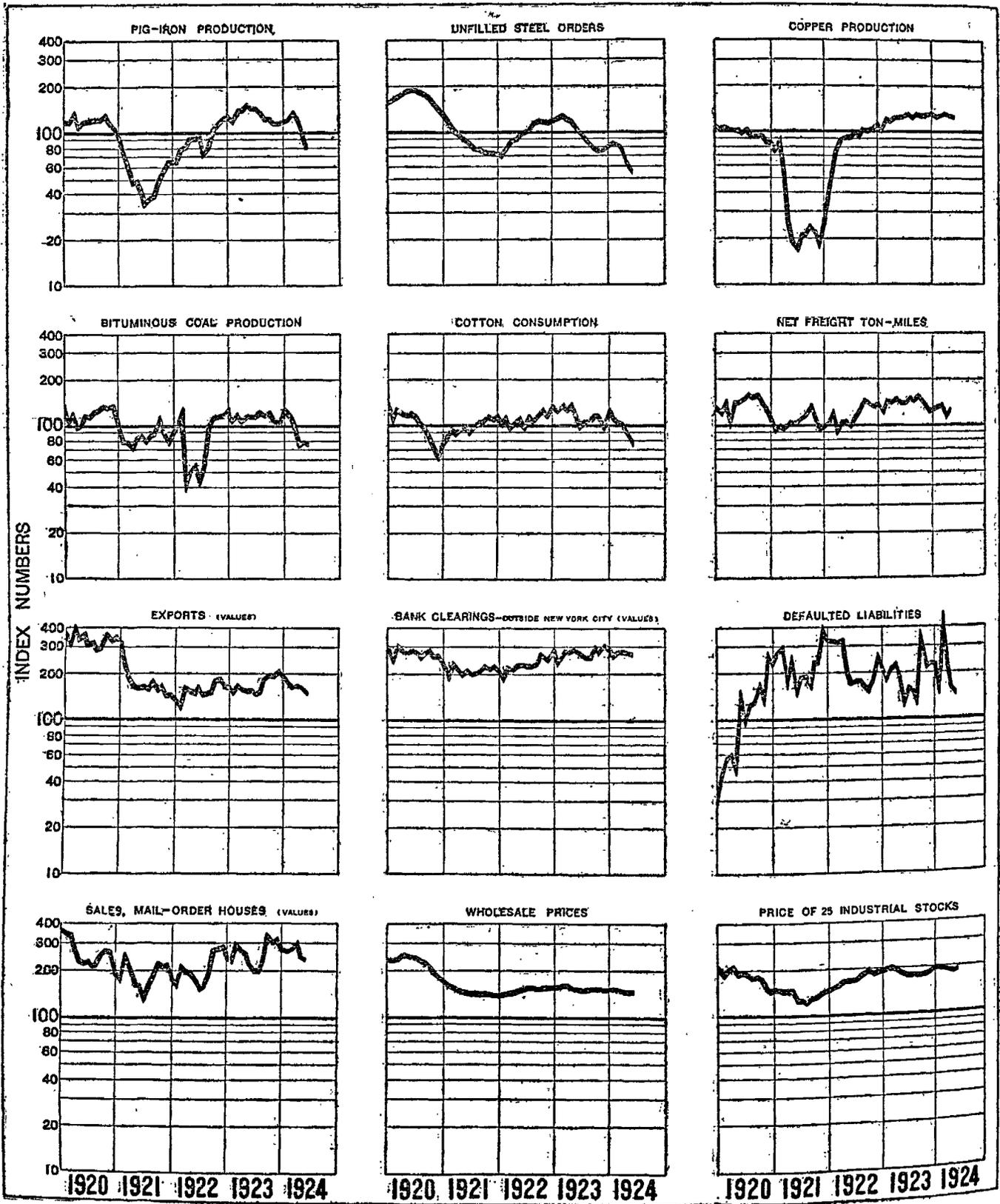
Awards for building construction in July declined from June and were also lower than a year ago, in both floor space and value. Stocks of silk and cement were reduced during July, while zinc stocks increased, but all were higher than a year ago.

Sales of mail-order houses made a seasonal decline from June and decreased from a year ago. Sales of 10-cent chains, however, increased over both periods. Business failures increased over June in both number and liabilities and increases also occurred over a year ago. Loadings of freight cars were less than in July, 1923. Postal receipts were larger than a year ago. Wholesale prices on August 1, as shown by both Dun's and Bradstreet's index numbers, increased over July 1.

Interest rates again declined for both call money and commercial paper. Stock sales increased and prices of both stocks and bonds averaged higher than in June. Dividend and interest payments disbursed in July exceeded those of a year ago.

BUSINESS INDICATORS: 1920-1924

(1913 monthly averages=100. See explanation on inside front cover. Except for "net freight ton-miles" latest month plotted is June, 1924)



BUSINESS INDICATORS

The following table gives comparative relative numbers for a selected list of important business movements. It is believed that this table will prove useful, because it separates out from the large mass of material a comparatively small number of items which are often regarded as indicative of business in general.

The table has been divided into two parts, the first containing those items for which relative numbers can be calculated, using 1913 as a base. The second part contains items for which comparable data back to 1913 are not available. This latter group of relative numbers is calculated by letting the 1919 monthly average equal 100. Care should therefore be exercised in comparing the absolute value of the two sets of data. In either group, however, the upward or downward trend of the relative numbers, compared to previous months, does reflect the present tendency in each item and will give a basis for business judgment.

Where available at the time of going to press, August 14, July indicators have been included, thus bringing this table up to date. It should be noted that the charts on page 2 show June data as the latest plotted.

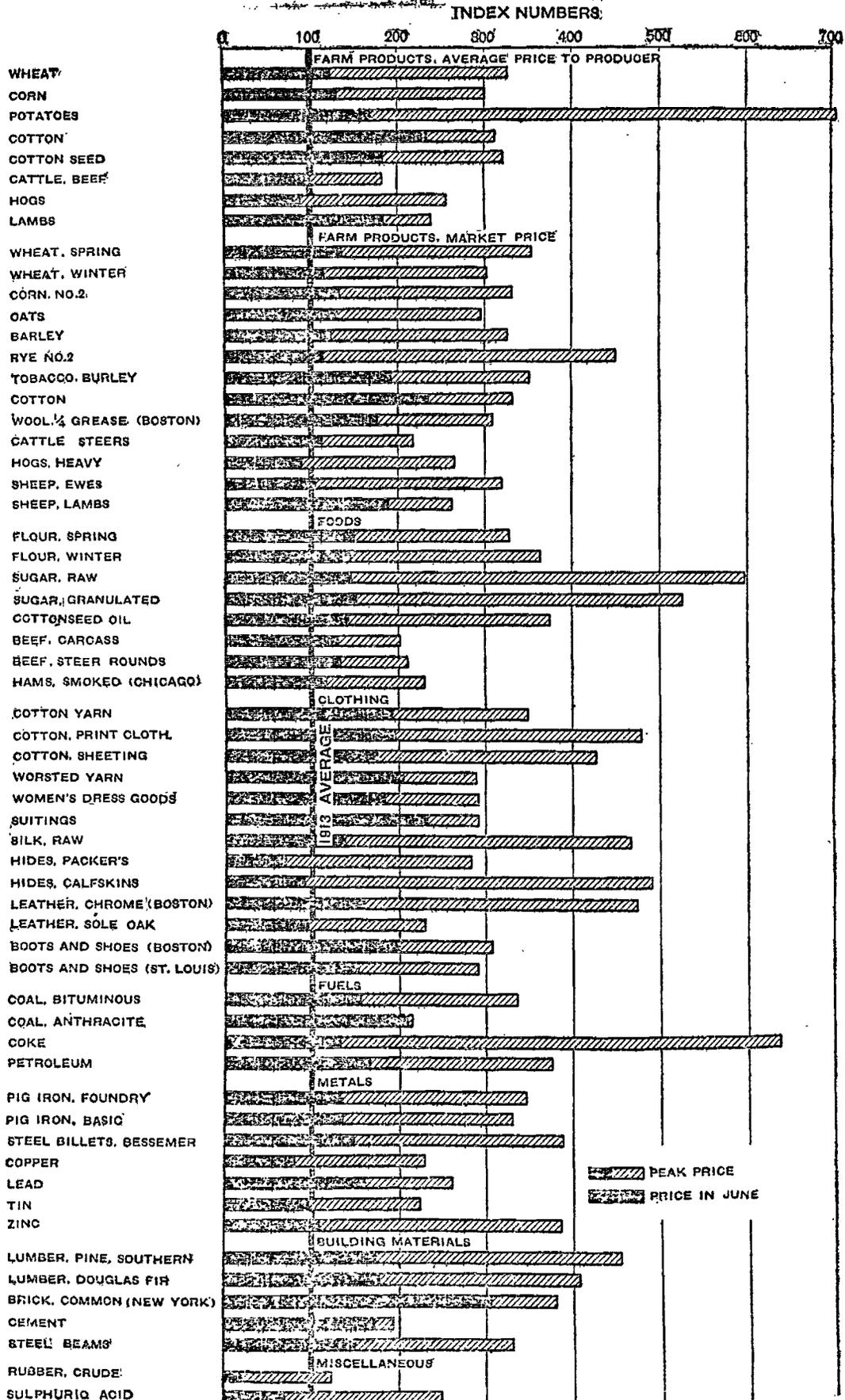
COMMODITY	MONTHLY AVERAGE				1923								1924						
	1920	1921	1922	1923	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
1913 monthly average=100																			
Production:																			
Pig iron	120	54	87	130	151	144	144	155	122	123	113	114	118	120	135	126	102	79	70
Steel ingots.....	135	64	114	144	167	149	140	146	133	142	124	113	144	151	166	132	104	81	74
Copper.....	99	89	81	121	123	123	124	129	122	120	125	127	131	129	123	129	128	124	-----
Cement (shipments)...	108	107	131	153	193	180	186	203	185	193	139	87	70	80	122	173	197	203	225
Anthracite coal.....	98	99	58	104	112	114	109	116	38	114	102	105	104	100	106	89	102	101	-----
Bituminous coal.....	119	87	85	114	116	114	113	123	116	123	103	100	127	115	100	74	78	76	-----
Electric energy (gross revenue sales).....	283	312	349	407	381	381	375	379	393	420	452	466	488	472	448	429	416	-----	-----
Crude petroleum.....	178	189	224	292	299	301	315	318	312	323	313	284	273	268	288	287	298	287	-----
Cotton (consumption)...	105	97	109	117	133	110	99	109	104	116	114	99	124	109	104	103	89	75	75
Beef.....	121	109	121	125	129	122	119	133	129	151	135	120	133	111	111	116	130	112	-----
Pork.....	111	116	129	150	153	156	146	134	115	148	182	203	203	175	169	143	149	152	-----
Unfilled orders:																			
U. S. Steel Corp.....	170	90	96	102	118	103	100	92	85	79	74	75	81	83	81	71	61	55	45
Stocks:																			
Crude petroleum.....	127	152	234	285	271	281	290	296	302	310	318	321	321	323	327	331	334	339	-----
Cotton (total).....	155	198	153	125	104	83	66	64	95	149	169	167	149	132	113	92	74	69	54
Prices:¹																			
Wholesale index.....	226	147	149	154	156	153	151	150	154	153	152	151	151	152	160	148	147	145	-----
Retail food.....	203	153	142	146	143	144	147	146	140	150	151	150	149	147	144	141	141	142	-----
Retail coal, bitum.....	207	197	188	190	186	185	185	183	184	186	185	183	180	180	175	168	163	163	-----
Farm crops.....	238	109	113	136	140	139	136	136	138	139	137	137	140	141	138	140	139	142	155
Farm livestock.....	168	107	111	103	105	100	102	102	103	103	97	94	97	98	100	102	103	102	101
Business finances:																			
Defaulted liabilities...	103	229	223	197	180	126	157	150	126	348	217	226	225	168	428	214	160	145	169
Price 25 ind. stocks...	184	186	169	185	186	182	176	177	177	175	181	187	193	192	189	183	183	187	195
Price 25 R. R. stocks...	67	64	76	72	73	73	70	68	69	69	70	70	73	73	74	75	75	78	82
Banking:																			
Clearings, N. Y. City...	257	205	230	226	244	237	211	187	191	225	229	247	262	230	210	258	263	253	268
Clearings, outside.....	275	212	231	264	285	280	268	281	284	296	277	301	292	286	280	278	275	266	282
Com'l paper int. rate...	134	118	80	90	93	88	89	92	93	93	92	90	88	87	83	84	77	71	64
Distribution:																			
Imports (value).....	291	140	177	212	219	214	192	184	170	206	195	193	198	223	215	217	204	183	186
Exports (value).....	331	181	154	168	153	155	146	150	184	193	194	206	191	177	164	168	161	148	134
Sales, mail-order.....	264	188	204	259	260	221	199	198	231	335	306	318	271	270	279	360	243	239	196
Transportation:																			
Freight, net ton-miles...	137	105	115	139	145	139	141	148	144	154	140	122	125	132	133	117	124	117	-----
1919 monthly average=100																			
Production:																			
Lumber ²	100	85	114	126	136	137	127	133	131	137	132	108	113	125	129	131	132	120	-----
Bldg. contracts.....	72	69	102	106	129	99	90	85	83	116	111	102	107	103	147	136	124	103	88
Stocks:																			
Beef.....	66	42	29	32	27	24	19	19	20	27	39	45	43	41	39	33	28	25	21
Pork.....	96	83	70	91	108	112	110	95	74	59	67	82	93	103	110	109	111	111	104
Business finances:																			
Bond prices (40 issues)...	86	87	107	104	104	104	103	104	103	102	103	103	105	104	105	105	106	108	110
Banking:																			
Debits outside N. Y. City.....	114	91	97	107	116	111	104	99	98	113	106	116	111	100	109	108	106	104	106
Federal Reserve—																			
Bills discounted.....	132	91	28	39	38	40	39	42	45	46	41	44	27	27	25	23	22	18	15
Total reserves.....	97	122	144	146	146	146	146	146	145	146	143	149	147	147	147	147	147	149	149
Ratio.....	87	122	154	152	152	153	156	154	152	152	152	146	162	161	161	163	165	165	165

¹ Wholesale and retail prices from Department of Labor averaged for the month; farm prices from Department of Agriculture as of the 15th of the month.

² Based on the total computed production reported by 5 associations. Includes southern pine, Douglas fir, western pine, North Carolina pine, and Michigan hard and soft woods. The total production of these associations in 1919 was equal to 11,100,000,000 board feet, compared with a total lumber production for the country of 34,552,000,000 board feet reported by the census.

COMPARISON OF JUNE WHOLESALE PRICES WITH PEAK AND PRE-WAR

(Relative prices 1913=100. June prices latest plotted.)



WHOLESALE PRICE COMPARISONS—MAXIMUM PRICE COMPARED TO PRICE IN RECENT MONTHS

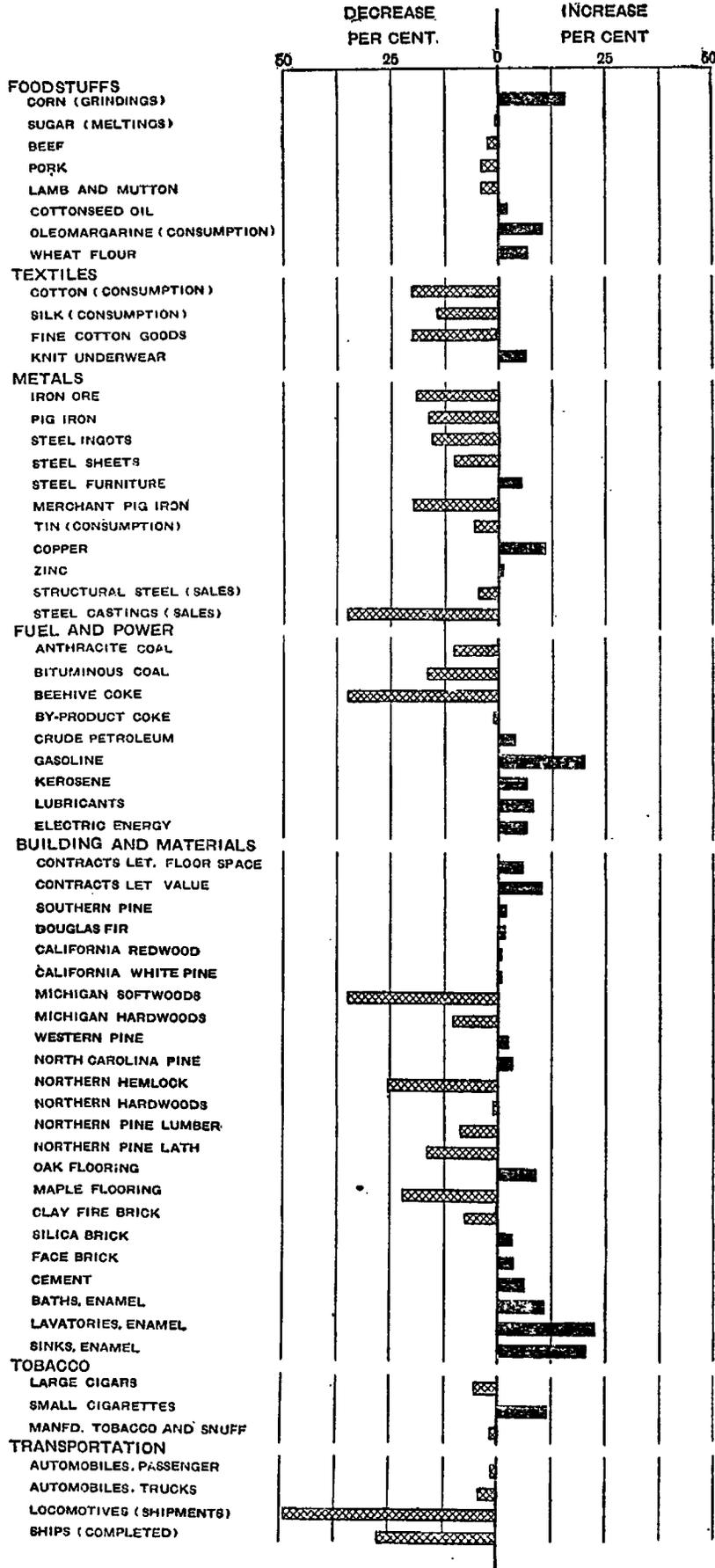
NOTE.—Prices to producer on farm products and market price of wool are from U. S. Department of Agriculture, Bureau of Agricultural Economics. All other prices are from U. S. Department of Labor, Bureau of Labor Statistics. As far as possible all quotations represent prices to producer or at mill. See diagram on page 4.

Because of their availability at the time of going to press, August 14, the July price data have here been included, thus bringing this table up to date. It should be noted that the chart on page 4 shows June prices only.

COMMODITIES	Date and maximum relative price	April, 1924	May, 1924	June, 1924	July, 1924	Per cent increase (+) or decrease (-) in July from June	
		Relative price					
		(1913 average=100)					
Farm products—Average price to producers:							
Wheat.....	June, 1920	326	121	122	124	134	+8.1
Corn.....	July, 1920	300	127	127	131	159	+21.4
Potatoes.....	June, 1920	766	153	153	169	183	+8.3
Cotton.....	July, 1920	312	239	234	232	228	-1.7
Cottonseed.....	May, 1920	321	185	186	183	179	-2.2
Cattle, beef.....	May, 1919	183	99	101	98	96	-2.0
Hogs.....	July, 1919	256	89	89	87	88	+1.1
Lambs.....	Apr., 1920	239	186	187	184	172	-6.5
Farm products—Market price:							
Wheat, No. 1, northern, spring (Chicago).....	May, 1920	354	124	129	138	153	+10.9
Wheat, No. 2, red, winter (Chicago).....	May, 1920	302	105	108	114	127	+11.4
Corn, contract grades, No. 2, cash (Chicago).....	Sept., 1917	334	120	126	134	169	+26.1
Oats, contract grades, cash (Chicago).....	June, 1920	296	130	130	133	150	+12.7
Barley, fair to good, malting (Chicago).....	Mar., 1918	325	128	122	124	133	+7.3
Rye, No. 2, cash (Chicago).....	Mar., 1918	451	104	106	115	135	+17.3
Tobacco, burley, good leaf, dark red (Louisville).....	Mar., 1919	352	212	212	192	186	-3.1
Cotton, middling upland (New York).....	Apr., 1920	331	234	247	235	248	+5.5
Wool, $\frac{1}{4}$ blood combing, Ohio and Pennsylvania fleeces (Boston).....	Apr., 1918	508	212	196	176	176	0.0
Cattle, steers, good to choice, corn fed (Chicago).....	Mar., 1919	218	127	121	113	112	-0.9
Hogs, heavy (Chicago).....	July, 1919	266	89	89	87	98	+12.6
Sheep, ewes (Chicago).....	Apr., 1918	319	212	141	103	103	0.0
Sheep, lambs (Chicago).....	Feb., 1920	263	205	182	189	176	-6.9
Food:							
Flour, standard patents (Minneapolis).....	May, 1920	328	139	145	150	163	+8.7
Flour, winter straights (Kansas City).....	May, 1917	363	138	142	145	152	+4.8
Sugar, 96° centrifugal (New York).....	May, 1920	598	182	161	145	145	0.0
Sugar, granulated, in barrels (New York).....	May, 1920	526	186	170	162	153	+0.7
Cottonseed oil, prime summer yellow (New York).....	July, 1919	374	139	135	144	144	0.0
Beef, fresh carcass good native steers (Chicago).....	Sept., 1920	201	131	131	129	127	-1.6
Beef, fresh steer rounds No. 2 (Chicago).....	July, 1920	211	118	129	134	150	+3.0
Pork, smoked hams (Chicago).....	July, 1919	231	114	117	118	118	0.0
Clothing:							
Cotton yarns, carded, white, northern, mule spun, 22-1 cones (Boston).....	May, 1920	348	162	192	191	190	-0.5
Cotton, print cloth, 27 inches, 64 x 60-7.60 yards to pound (Boston).....	Apr., 1920	478	192	192	198	194	-2.0
Cotton, sheeting, brown, 4/4 Ware Shoals L. L. (New York).....	May, 1920	427	150	177	177	177	0.0
Worsted yarns, 2/32's crossbred stock, white, in skein (Boston).....	Jan., 1920	289	212	205	190	190	-3.4
Women's dress goods, storm serge, all-wool, dbl. warp, 50 in. (N. Y.).....	Oct., 1918	292	184	184	184	184	0.0
Suitings, wool, dyed blue, 55-56 inches, 16-ounce Middlesex (New York).....	July, 1920	291	239	239	233	233	0.0
Silk, raw Japanese, Kansai No. 1 (New York).....	Jan., 1920	466	155	132	137	148	+8.0
Hides, green salted, packer's, heavy native steers (Chicago).....	Aug., 1919	283	66	65	68	71	+4.4
Hides, calfskins, No. 1, country, 8 to 15 pounds (Chicago).....	Aug., 1919	490	85	88	91	95	+4.4
Leather, chrome calf, dull or bright "B" grades (Boston).....	Nov., 1919	473	171	171	160	159	-0.6
Leather, sole, oak, scoured backs, heavy (Boston).....	Aug., 1919	230	103	103	95	95	0.0
Boots and shoes, men's black calf, blucher (Massachusetts).....	Mar., 1920	308	201	201	201	201	0.0
Boots and shoes, men's dress welt tan calf (St. Louis).....	Aug., 1919	292	163	153	153	153	0.0
Fuels:							
Coal, bituminous, mine run lump, Kanawha (Cincinnati).....	Sept., 1922	336	154	154	154	154	0.0
Coal, anthracite, chestnut (New York tidewater).....	Nov., 1923	216	207	208	210	212	+1.0
Coke, Connellsville (range of prompt and future) furnace—at ovens.....	Aug., 1920	637	155	140	132	121	-8.3
Petroleum, crude, Kansas-Oklahoma—at wells.....	Mar., 1920	375	157	186	166	166	0.0
Metals:							
Pig iron, foundry No. 2, northern (Pittsburgh).....	July, 1917	346	147	141	134	130	-3.0
Pig iron, basic, valley furnace.....	Sept., 1920	330	147	139	134	129	-3.7
Steel billets, Bessemer (Pittsburgh).....	July, 1917	388	155	149	147	147	0.0
Copper ingots, electrolytic, early delivery (New York).....	Mar., 1917	230	84	81	79	79	0.0
Lead, pig, desilvered, for early delivery (New York).....	June, 1917	261	188	166	161	161	0.0
Tin, pig, for early delivery (New York).....	May, 1918	224	111	93	95	103	+8.4
Zinc, slab, western, early delivery (New York).....	June, 1915	366	112	100	106	107	+0.9
Building materials and miscellaneous:							
Lumber, pine, southern, yellow flooring, 1 x 4, "B" and better (Hattiesburg district).....	Feb., 1920	455	189	181	172	167	-2.9
Lumber, Douglas fir, No. 1, common, s 1 s, 1 x 8 x 10 (Washington).....	Jan., 1920	407	190	190	179	179	0.0
Brick, common red, domestic building (New York).....	Feb., 1920	381	305	305	305	244	-20.0
Cement, Portland, net without bags to trade, f.o.b. plant (Chicago dist.).....	Sept., 1920	165	173	173	173	173	0.0
Steel beams, mill (Pittsburgh).....	June, 1917	331	162	157	151	147	-0.6
Rubber, Para Island, fine (New York).....	Jan., 1913	124	21	21	20	21	+5.0
Sulphuric acid, 66° (New York).....	Feb., 1916	250	70	70	70	70	0.0

PRODUCTION OF SPECIFIED COMMODITIES IN THE FIRST HALF OF 1924

(Percentage increase or decrease from corresponding period of 1923)



STATISTICAL SUMMARY OF COMMERCE AND INDUSTRY: 1920-1924

STOCKS OF COMMODITIES HELD AT MID-YEAR INVENTORY PERIODS

COMMODITY	1920		1921		1922		1923		1924	
	May 31	June 30	May 31	June 30	May 31	June 30	May 31	June 30	May 31	June 30
FOODSTUFFS										
Beef products.....thous. of lbs..	157,271	121,652	109,553	98,220	56,852	50,706	65,023	57,220	66,063	59,343
Pork products.....thous. of lbs..	1,111,645	1,175,770	983,379	1,003,562	759,454	861,638	993,301	1,032,401	1,020,811	1,022,670
Lamb and mutton.....thous. of lbs..	5,735	4,311	15,877	8,714	2,310	3,720	4,445	3,556	2,272	2,919
Sugar (raw).....long tons..	76,663	115,781	263,539	251,827	271,890	277,150	315,880	293,023	338,092	367,971
Cottonseed oil.....thous. of lbs..	79,517	44,928	70,199	47,851	23,704	12,110	23,714	11,833	52,333	23,338
Wheat (visible).....thous. of bus..	41,233	23,404	11,751	9,966	31,065	20,342	37,203	29,403	45,253	36,496
Wheat flour.....thous. of bbls..	9,645	7,653	5,100	6,400	5,500	6,500	6,800	6,900	6,400	6,800
Corn (visible).....thous. of bus..	3,710	4,387	17,708	27,363	31,170	33,068	8,598	4,269	13,480	9,247
Oats (visible).....thous. of bus..	6,813	6,294	30,114	34,401	47,950	42,743	13,514	8,523	6,720	5,264
Butter.....thous. of lbs..	12,872	52,526	21,682	61,991	13,202	67,410	10,112	62,768	22,323	74,416
Cheese.....thous. of lbs..	13,502	29,654	17,814	34,948	15,481	33,130	17,507	36,834	27,148	45,517
Eggs.....thous. of cases..	5,143	6,747	6,844	7,534	8,056	9,811	7,890	10,222	6,944	8,627
Poultry.....thous. of lbs..	30,535	24,790	35,408	27,268	38,002	34,837	57,274	49,100	39,247	34,832
Fish.....thous. of lbs..	19,804	27,779	26,346	32,311	17,094	20,818	12,312	17,780	21,840	26,986
Coffee.....thous. of bags..	1,792	1,494	2,058	2,037	1,146	1,086	826	860	657	760
Apples.....thous. of bbls..	213	None	445	None	314	56	277	45	761	None
Rice (domestic).....thous. of pockets..	900	677	3,493	1,095	972	762	1,170	966	430	303
CLOTHING MATERIALS										
Wool, grease equivalent.....thous. of lbs..			\$ 564,977	531,070		479,151	\$ 501,341	531,608	\$ 371,158	
Cotton mills and warehouses.....thous. of bales..	4,286	3,855	6,019	5,511	3,080	3,284	3,214	2,575	2,284	1,833
Silk.....bales..	42,407	45,830	20,541	15,521	20,826	28,895	29,962	25,865	27,074	24,841
FUELS										
Crude petroleum:										
Quantity.....thous. of bbls..	110,653	113,029	153,814	161,048	247,093	255,817	284,505	294,741	351,040	358,860
Days' supply.....number..			116	114	158	159	146	157	167	171
Gasoline.....thous. of gals..	577,672	504,059	500,496	750,644	856,607	824,966	1,328,639	1,263,583	1,649,954	1,598,858
Kerosene.....thous. of gals..	419,073	421,343	452,438	435,057	318,590	317,574	272,672	264,301	304,006	293,323
Gas and fuel oil.....thous. of gals..	618,939	641,968	1,163,989	1,248,664	1,321,438	1,326,940	1,246,662	1,324,025	1,555,663	1,618,664
Lubricating oil.....thous. of gals..	135,882	193,213	261,760	260,883	226,293	226,904	226,289	225,137	243,732	358,536
METALS										
Iron ore.....thous. of long tons..	23,074	18,976	27,540	30,066	23,025	23,447	18,565	22,800	21,608	26,410
Pig iron (merchant).....long tons..	300,381	295,185	693,270	698,600	333,613	309,079	340,187	463,014	1,009,718	1,044,096
Zinc.....thous. of lbs..	58,670	53,708	171,624	179,778	80,818	59,152	26,038	34,346	84,728	99,368
Tin.....long tons..	5,356	3,586	2,571	2,546	1,921	2,371	3,132	2,137	4,067	4,067
CONSTRUCTION MATERIALS										
Yellow pine.....M ft. b. m..	1,126,863	1,236,065	1,223,441	1,225,461	1,111,878	1,093,580	1,010,591	1,054,123	1,129,893	1,153,375
Michigan hardwoods.....M ft. b. m..	114,082	120,253	157,938	152,474	130,444	131,136	102,970	101,862	77,780	82,551
Michigan softwoods.....M ft. b. m..	45,931	48,301	80,728	80,120	48,807	50,137	41,100	42,085	37,487	38,637
Oak flooring.....M ft. b. m..	16,244	20,683	35,764	37,588	23,534	20,215	26,816	33,793	40,706	50,189
Maple flooring.....M ft. b. m..	10,511	11,371	31,896	32,271	30,215	26,719	19,131	18,867	25,243	28,406
Silica brick.....thousands..	47,559	47,051	41,386	42,800	37,841	38,737	42,304	41,517	44,211	47,441
Face brick.....thousands..	55,029	54,908	53,280	59,586	63,867	59,804	60,939	58,875	1,80,943	172,441
Cement.....thous. of bbls..	10,388	9,032	12,450	11,150	12,893	10,748	10,144	9,168	16,403	12,318
Baths (enamel).....number..	24,222	21,936	99,525	85,062	47,694	37,846	33,866	29,462	64,399	65,093
Lavatories (enamel).....number..	59,606	51,908	117,422	121,969	78,062	68,558	44,391	45,976	144,088	149,810
Sinks (enamel).....number..	87,058	85,389	105,916	110,776	102,747	82,831	51,810	47,539	116,826	129,882
Turpentine.....barrels..	6,174	19,654	38,418	36,949	4,601	10,731	18,224	13,113	23,595	32,499
Rosin.....barrels..	78,113	108,656	312,607	303,341	251,823	287,138	211,063	215,100	234,644	241,108
PAPER										
Newsprint (at mills).....short tons..	22,823	23,990	31,198	26,629	24,781	23,367	20,832	19,514	34,479	33,428
TOBACCO										
Total.....thous. of lbs..	1,590,625	1,452,962	2,818,781	1,672,017	2,178,551	1,616,396	2,846,555	1,697,844	2,976,569	1,843,737
Chewing, smoking, and snuff.....thous. of lbs..	1,179,523	1,013,719	2,363,499	1,235,156	2,303,255	1,119,605	2,327,731	1,106,446	2,485,069	1,327,832
Cigar types.....thous. of lbs..	328,725	350,693	455,282	436,861	875,296	496,791	518,824	591,398	491,500	515,905

¹ Prior to September, 1923, stocks included formed brick in kilns. Since then the data have been recorded for finished face brick only. To preserve the comparability of the series the data here have been adjusted on the basis of percentage change in the new series.

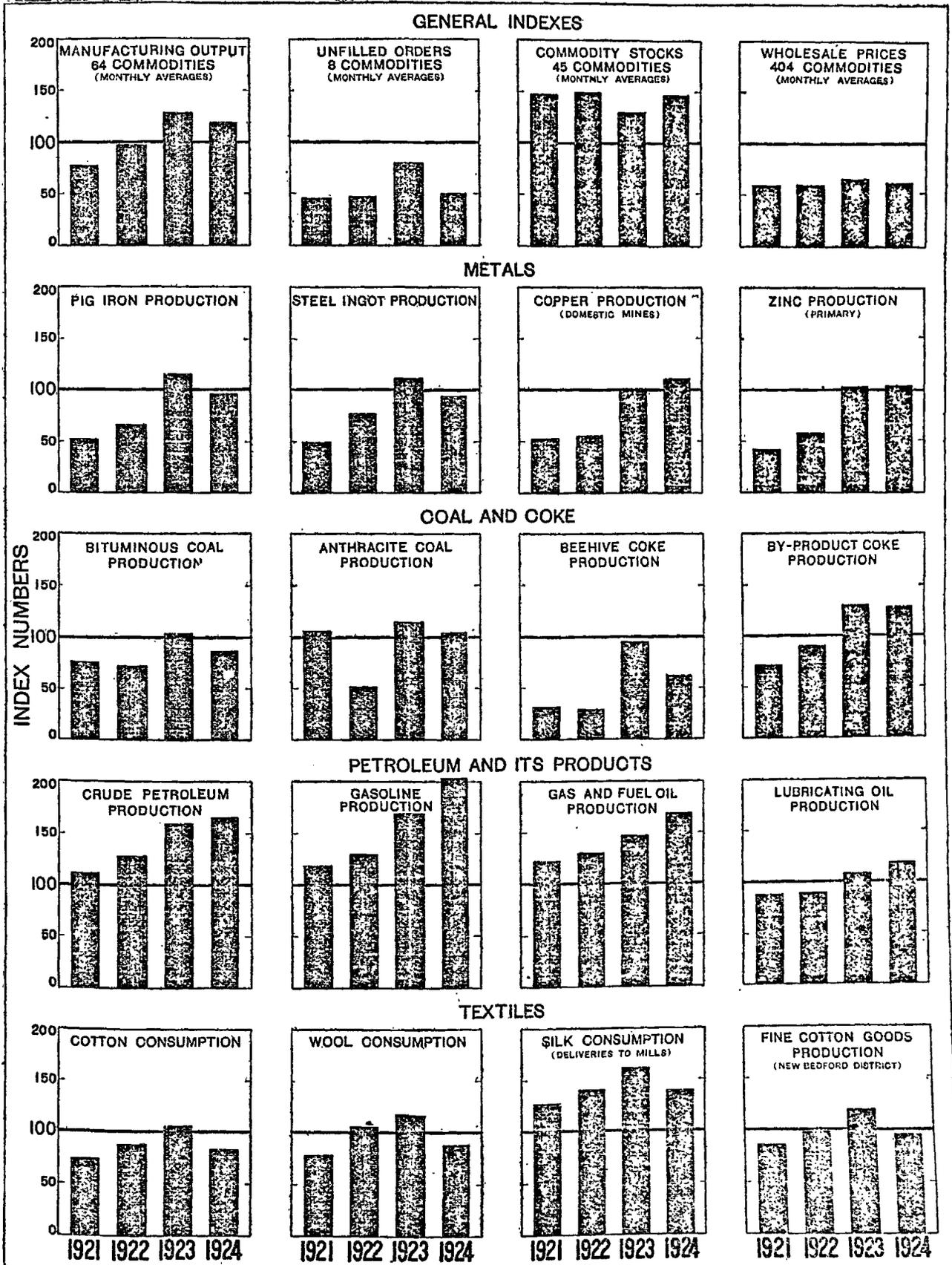
² Inventory as of Mar. 31.

UNFILLED ORDERS FOR SPECIFIED COMMODITIES

COMMODITY	Unit	DECEMBER 31—			JUNE 30—				Percentage change June 30 from Dec. 31, 1923
		1921	1922	1923	1921	1922	1923	1924	
Knit underwear.....	Dozen.....	1,028,700	2,523,600	2,865,600	878,400	1,458,000	1,748,700	762,815	-32.3
Merchant pig iron.....	Long ton.....	924,922	1,154,914	1,126,067	1,012,307	1,378,233	1,030,271	762,815	-44.6
Sheets, blue, black, and galvanized.....	Short ton.....	141,017	505,796	445,167	202,191	437,853	503,175	249,810	-26.6
Steel (U. S. Steel Corp.).....	Thous. long tons..	4,263	6,746	4,445	5,118	6,636	6,386	3,263	
Locomotives.....	Number.....	265	1,592	387	245	590	1,958	631	+37.2
Oak flooring.....	M feet b. m.....	20,888	40,925	47,780	11,095	38,454	38,530	36,033	-6.3
Maple flooring.....	M feet b. m.....	13,694	22,324	15,375	10,311	26,193	28,265	9,596	-37.6
Clay fire brick.....	Thousand.....	23,103	67,400	59,107	34,305	56,830	93,285	62,920	+6.5
Face brick.....	Thousand.....	14,223	26,288	25,641	23,276	43,283	54,128	45,653	+70.2
Baths (enamel).....	Number.....	29,987	205,659	203,329	51,344	177,197	286,838	181,007	-38.0
Small ware (enamel).....	Number.....	93,744	640,440	681,446	173,151	486,331	1,008,103	458,182	-54.6

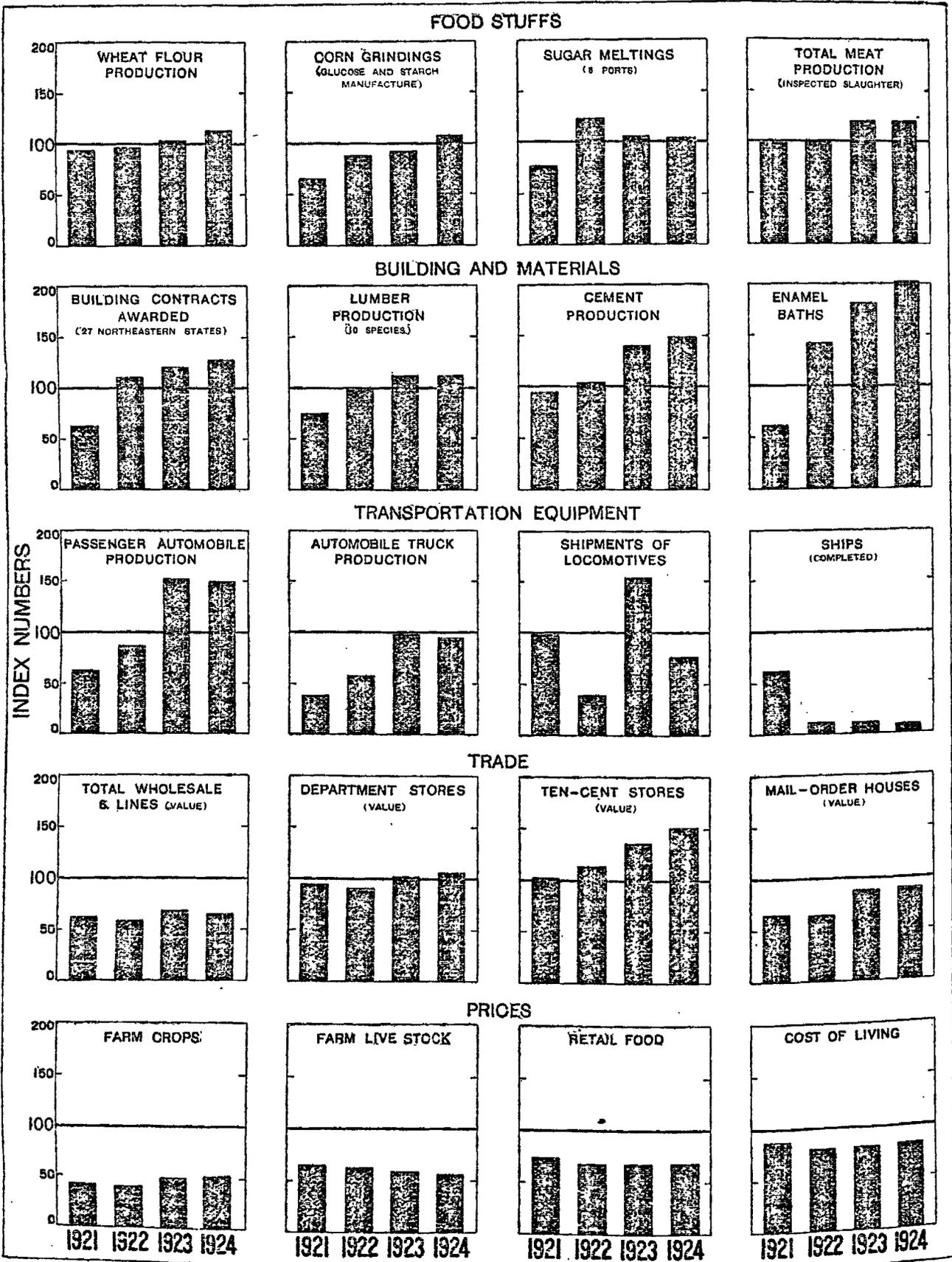
GRAPHIC SUMMARY OF COMMERCE AND INDUSTRY

6-month period, January-June: 1920-1924. (6-month average, January-June=100)



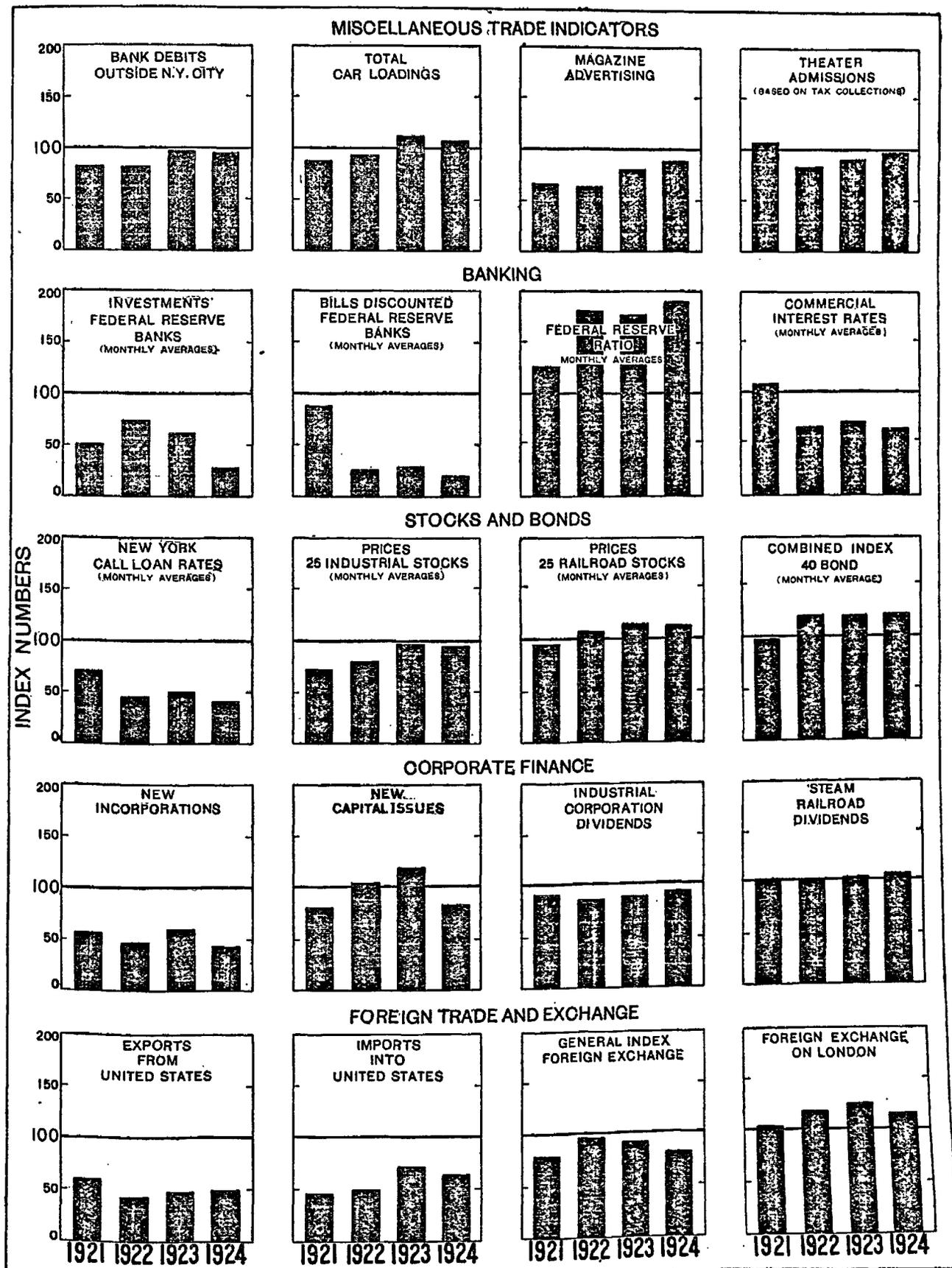
GRAPHIC SUMMARY OF COMMERCE AND INDUSTRY

6-month period, January-June; 1920-1924. (6-month average, January-June=100)



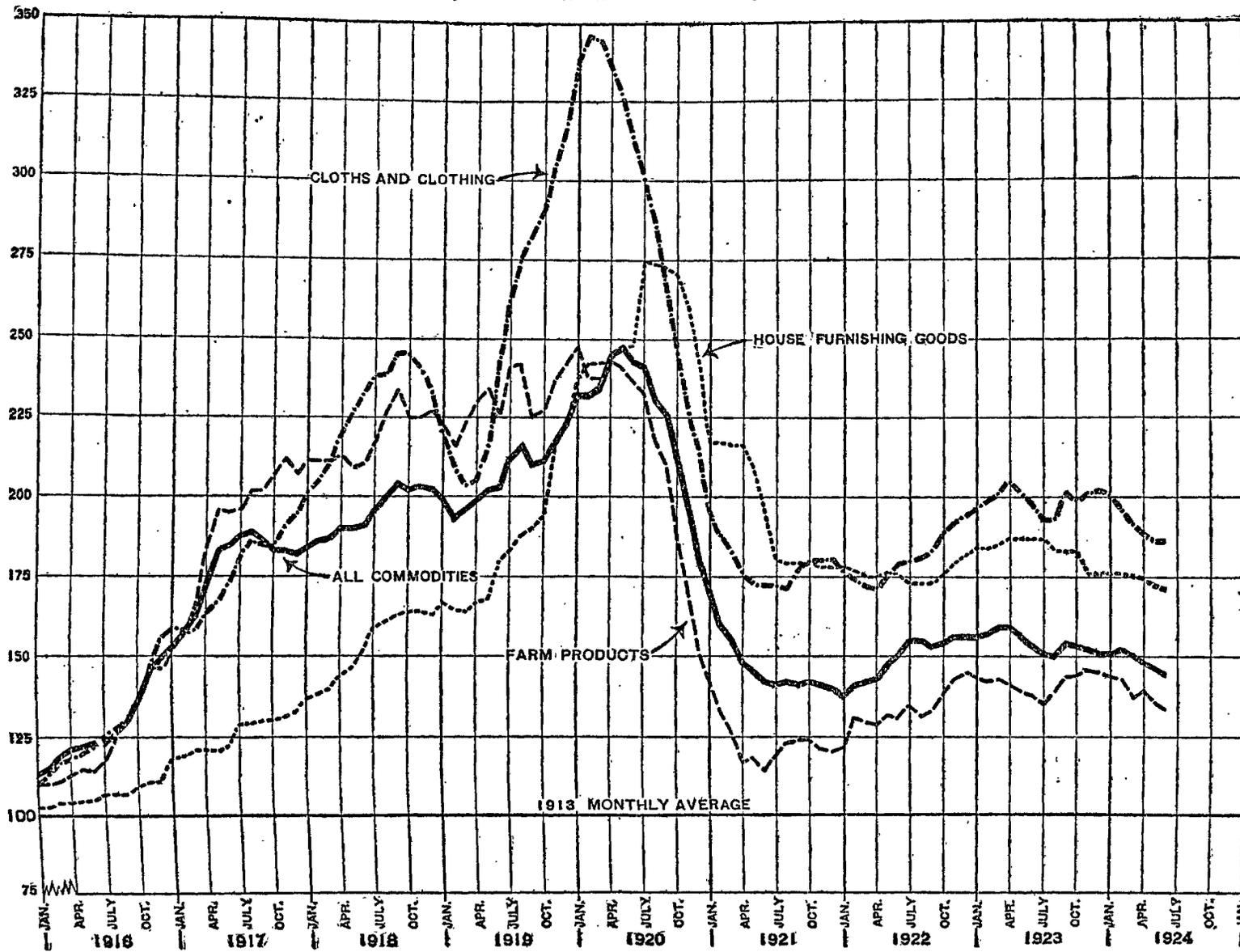
GRAPHIC SUMMARY OF COMMERCE AND INDUSTRY

[6-month period, January-June: 1920-1924. (6-month average, January-June=100)



COMPARISON OF WHOLESALE PRICES BY GROUPS.

(U. S. Department of Labor index numbers. Relative prices 1913=100.)



BUSINESS SUMMARY

(Index and relative numbers based on the 1919 monthly average as 100—except unfilled orders which are based on the 1920 average—enable comparisons to be made of the relative condition of the several phases of business. The use of index and relative numbers is more fully explained on the inside front cover, and details of this summary are given in the table entitled "Indexes of Business," beginning on p. 33.)

	1923			1921				
	April	May	June	February	March	April	May	June
PRODUCTION:								
Manufacturing (64 commodities)-----	125	135	126	117	123	117	113	126
Raw materials, total-----	90	97	95	100	93	87	95	90
Minerals-----	121	141	147	121	120	106	123	122
Animal products-----	111	127	119	105	107	118	124	118
Crops-----	61	55	54	87	71	54	60	56
Forestry-----	120	135	133	114	118	126	130	120
Electric power-----	138	143	139	149	154	146	148	141
Building construction (contracts awarded) --	138	129	99	103	147	136	124	103
STOCKS OF COMMODITIES (45 commodities):								
Unadjusted index-----	123	104	103	140	147	135	129	126
Corrected for seasonal variation ¹ -----	117	111	115	135	136	137	143	134
UNFILLED ORDERS (relative to 1920)-----	95	87	77	63	61	54	47	44
SALES (based on value):								
Mail-order houses (4)-----	103	98	86	96	105	114	90	89
Ten-cent chains (5 chains)-----	142	154	154	140	163	178	174	162
Wholesale trade-----	79	81	84	78	79	77	76	75
Department stores (333 stores)-----	119	128	127	102	116	132	126	120
PRICES (recomputed to 1919 base):								
Wholesale, all commodities-----	77	76	74	74	73	72	71	70
Retail food-----	77	77	77	79	77	76	76	76
COST OF LIVING (recomputed to 1919 base)-----²								
	92	93	93	95	95	94	94	94
FACTORY EMPLOYMENT (recomputed to 1919 base)³								
	94	94	94	90	89	88	84	81
TRANSPORTATION:								
Net freight ton-mile operation-----	116	120	115	109	110	97	103	97
Carloadings (monthly total)-----	93	113	143	104	132	100	105	125
Net available car surplus (end of month)-----	-13	98	27	79	150	199	205	216

¹ Subject to revision.

² Comparable data back to 1919 were published in the April, 1924, SURVEY, p. 28.

³ Based on new series, including reports from several thousand firms. See page 33 of the May, 1924, SURVEY; also pp. 129-132, April, 1924 *Monthly Labor Review* published by the U. S. Department of Labor.

COURSE OF BUSINESS IN JUNE

SUMMARY

Production declined in June, both from May and a year ago, most of the principal commodities, such as pig iron, steel ingots, automobiles, coal, textiles, and shoes, showing declines from both periods, but zinc, cement, and copper showed increases in production over a year ago. Commodity stocks were generally reduced, while sales and unfilled orders declined both from May and from a year ago. Building contracts awarded and electric power produced were larger than a year ago, though smaller than in May.

Retail sales by mail-order houses and ten-cent chains declined from May but were 8 per cent and 6 per cent larger, respectively, than a year ago. Wholesale prices declined while retail food prices advanced.

Business failures declined from May, but were larger than a year ago. The surplus of idle freight cars increased over May and over a year ago, while loadings declined from the corresponding period last year. Imports and exports were smaller in June than in either the previous month or a year ago.

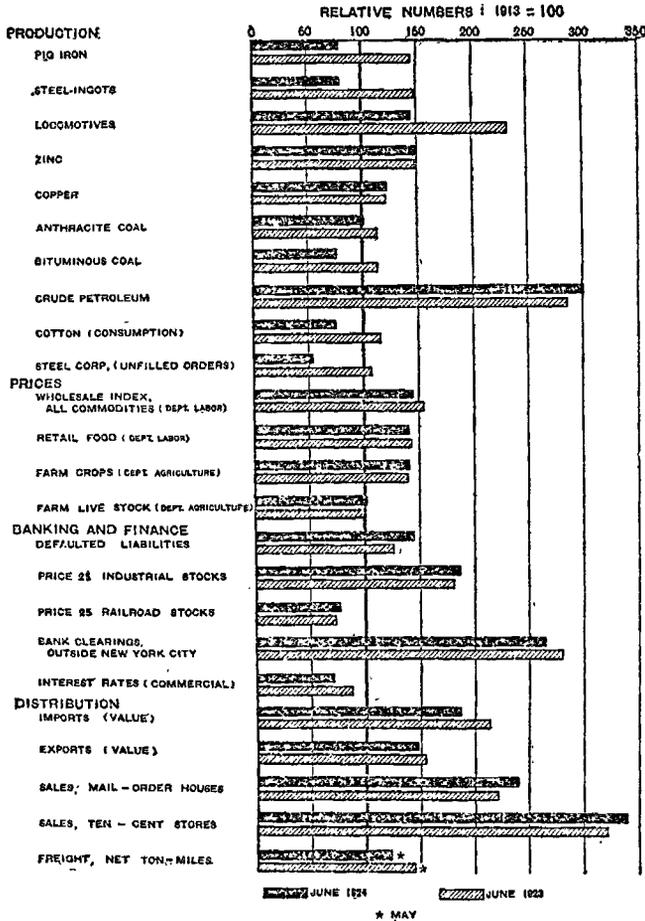
Check payments were smaller than in May, interest rates were lower and security prices higher.

PRODUCTION

Manufacturing output, as compiled from the weighted index of 64 commodities based on 1919 production as 100, declined from 113 in May to 102 in June, which compares with 126 a year ago. Increases occurred in the foodstuffs and tobacco products groups over May, while compared with a year ago, the increases occurred in the foodstuffs, other metals, oils and chemicals, and tobacco products groups. The principal decline, both from May and from a year ago, occurred in the iron and steel group.

Mineral production, through the index based on 1919 production as 100, stood at 122 in June as against 123 in May and 147 a year ago. Except for the seasonal increase in iron ore shipments, only lead showed an increase in production over May, but copper, lead, zinc, and silver increased over a year ago. Marketings of animal products, as shown by the index based on 1919 marketings as 100, stood at 118 in June as against 124 in May and 119 a year

BUSINESS INDICATORS—COMPARISON OF JUNE WITH JUNE, 1923



ago. Outside of a decline in egg marketings and no change in milk receipts, all classes showed a slight increase over the movements in June, 1923.

Crop marketings with the index at 56 in June, based on 1919 as 100, compared with 60 in May and 54 a year ago. Grain marketings stood at the same level as in June, 1923, while fruits, vegetables, and miscellaneous crops increased and cotton products declined.

Cumulative production comparisons for important items for the first six months of 1924 compared with similar periods in previous years are graphically shown in the diagrams on pages 9 to 11.

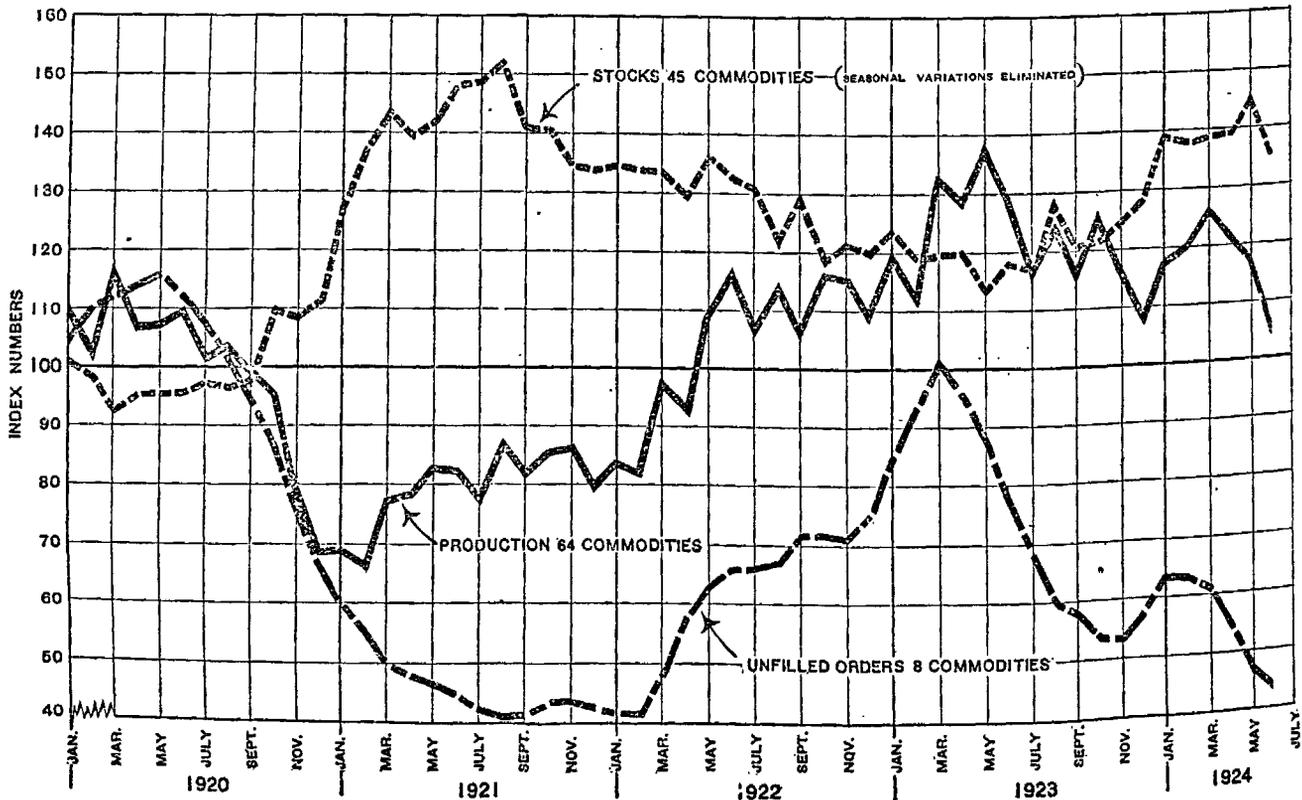
COMMODITY STOCKS

Making allowances for average seasonal variations, the index of commodity stocks, based on average 1919 stocks as 100, stood at 134 at the end of June as compared with 143 a month earlier and 115 a year ago. The raw foodstuffs index at 157 compared with 185 on May 31 and 146 in June, 1923; raw materials at 97 compared with 105 and 95, respectively; manufactured foodstuffs stood at 87 as against 86 and 88, and other manufactured commodities at 167 as against 169 and 121.

A comparison of the stocks of important commodities on May 31 and June 30 for a number of years is shown on page 8.

RELATIVE PRODUCTION, STOCKS, AND UNFILLED ORDERS IN BASIC INDUSTRIES

(Monthly averages 1920=100)



SALES

Sales by manufacturers in general declined from May and also from a year ago. Declines from both periods were noted in cotton finishing, steel sheets, steel castings, freight cars, pumps, leather belting, clay fire brick, and abrasive paper and cloth, while declines from May only occurred in fine cotton goods and southern pine lumber. Increases in sales over both the previous month and a year ago occurred in merchant pig iron, fabricated structural steel, and tubular plumbing, while increases over May but declines from a year ago occurred in mechanical stokers. The index of unfilled orders, based on 1920 orders as 100, stood at 44 on June 30 as against 47 at the end of May and 77 a year ago.

The wholesale trade index stood at 75 in June as against 76 in May and 84 in June a year ago. Groceries and meats increased over May but hardware, shoes, drugs, and dry goods declined. Compared with a year ago, declines occurred in all branches except meats, which showed no change.

Sales of mail-order houses declined from May but increased over a year ago, while chain-store sales also declined from May except for shoe chains. Compared with a year ago, increased sales took place only in the ten-cent and grocery groups. Sales and stocks of department stores declined from May and sales were less than a year ago but stocks increased.

PRICES

The index of prices received by producers for their crops, based on 1913 prices as 100, stood at 142 at the middle of June, as compared with 139 in May and 139 a year ago. Livestock prices, based on a similar index, stood at 102 in June as against 103 in May and 100 in June, 1923.

The wholesale price index of the Department of Labor, based on 1913 as 100, dropped from 147 in May to 145 in June, as compared with 153 a year ago.

All groups declined from May, except cloths and clothing, which advanced, and chemicals, which remained unchanged; all groups declined from a year ago. As regrouped by the Federal Reserve Board, the index shows declines for each group of goods except consumers' goods, which remained unchanged. Dun's index number as of July 1 shows no change from the beginning of June at 133, while Bradstreet's increased from 141 to 142, both based on 1913 prices as 100.

As compared with a decline in the Federal Reserve Board's index of prices in the United States for international comparison, prices in England, Japan, Sweden, Switzerland, and Australia declined from May, while advances were noted in France and Canada, and no change in India.

Retail food prices increased from 141 in May to 142 in June, based on 1913 as 100, and comparing with 144 a year ago. Due to the increase in food prices, the

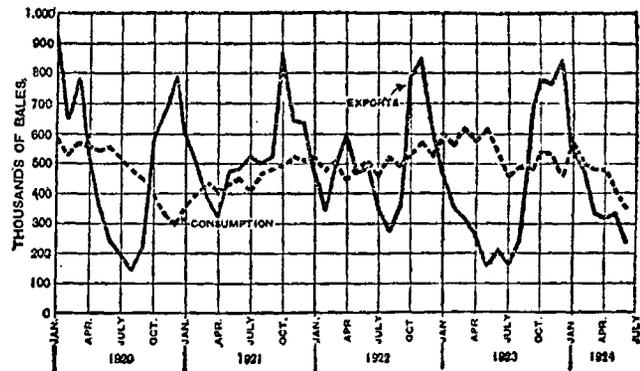
cost of living index, based on July, 1914, as 100, rose from 161 in May to 162 in June, and comparing with 160 a year ago. The only changes in the group figures from May were the increase in foods and decline in clothing. Compared with a year ago, shelter, clothing, and sundries increased while food and fuels declined.

TEXTILES

Receipts of domestic wool at Boston made a seasonal increase in June and were larger than receipts in June, 1923. Foreign wool receipts were considerably less than in May and only one-tenth as large as a year ago. Total wool receipts at Boston increased over May but declined from June, 1923. Imports of raw wool declined from May and were considerably less than a year ago.

The consumption of wool by textile mills declined from May and was considerably less than a year ago.

EXPORTS AND CONSUMPTION OF COTTON



The activity of woolen machinery was also less than in either the previous month or a year ago, all classes of machinery showing a uniform decline from May while combs and worsted spindles showed the greatest declines from a year ago, with about 50 per cent each. Average prices of raw wool declined from May, as did worsted yarns, while dress goods and suitings remained unchanged.

Cotton receipts into sight, making a seasonal decline, were less than in June, 1923. Both imports and exports of raw cotton declined from May but exceeded June, 1923. Consumption of cotton by textile mills declined from 413,649 bales in May to 350,277 bales in June, which compare with 542,026 bales consumed in June, 1923. Stocks of cotton at mills and warehouses declined from a year ago by about 30 per cent each. The world visible supply of American cotton was larger than a year ago, however.

Fewer spindles were active in June than in May, and the activity per spindle was also less, while compared with a year ago considerable decreases were shown in both items. The activity of spindles represented 64.6 per cent of spindle capacity in June as against 67.5 per cent in May and 98.7 a year ago.

Orders, billings, and shipments of cotton goods in finishing plants declined from May and from a year ago for all classes of goods, except for orders for printed goods as compared with May. Stocks of finished goods on hand increased slightly over both periods except for dyed goods in comparison with May and printed goods in comparison with June, 1923. Operating activity was 46 per cent of capacity as against 52 per cent in May and 61 per cent a year ago.

The production and sales of fine cotton goods increased considerably over May but declined from a year ago. Exports of cotton cloth were less than in May but greater than in June, 1923. Prices of raw cotton averaged less in June than in May, cotton yarns declined slightly, while print cloths advanced and sheetings remained unchanged.

Both imports and deliveries of silk were less than in either May, 1924, or June, 1923. Stocks of silk in warehouses declined in June and at the end of the month were less than a year ago. The price of raw silk advanced slightly. Imports of burlap declined both from May and from a year ago, while imports of unmanufactured fibers increased over both periods.

The output of men's and boy's suits and overcoats increased over May but declined from June, 1923.

IRON AND STEEL

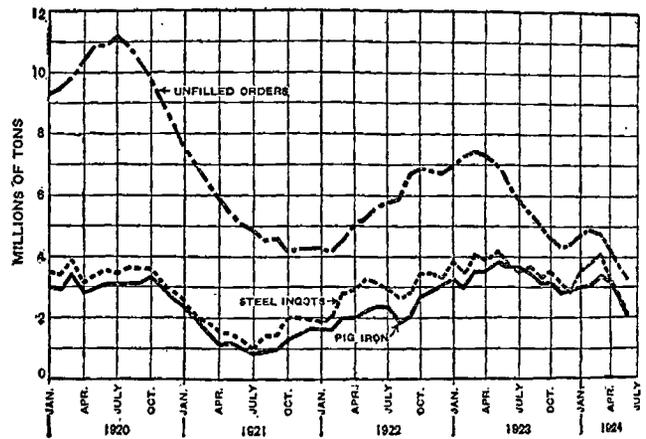
Shipments of iron ore from the mines made the usual seasonal increase in June but were considerably less than in the corresponding month of 1923. Receipts of iron ore at lake ports also declined from June, 1923, while consumption by blast furnaces was less than half as large as a year ago. Stocks of iron ore at both furnaces and Lake Erie docks made a seasonal increase and were larger than a year ago.

The output of pig iron fell to 2,026,000 tons in June as against 2,615,000 tons in May and 3,676,000 tons a year ago. Furnaces in blast were reduced during June from 184 to 164, and the capacity from 77,300 to 65,200 tons per day. The output and shipments of merchant pig iron declined from May, but increases occurred in sales, in unfilled orders and in stocks on hand. Compared with a year ago, production, shipments and unfilled orders were less, while sales and stocks all increased over 100 per cent. Prices of pig iron again declined about \$1 per ton from the previous month.

The production of steel ingots at 2,056,000 tons for June compared with 2,628,000 tons in May and 3,767,000 tons a year ago. Bookings of commercial steel castings declined, from the previous month and a year ago, both as respects railway specialties and miscellaneous castings. Unfilled orders of the United States Steel Corporation at the end of June declined from May and were about half as large as a year ago. The output, shipments, sales, and unfilled orders of sheets from independent mills declined from

both May, 1924, and June, 1923, while unsold stocks increased over both periods and total stocks, though greater than in May, declined from a year ago. Sheet production of these mills stood at 41 per cent of

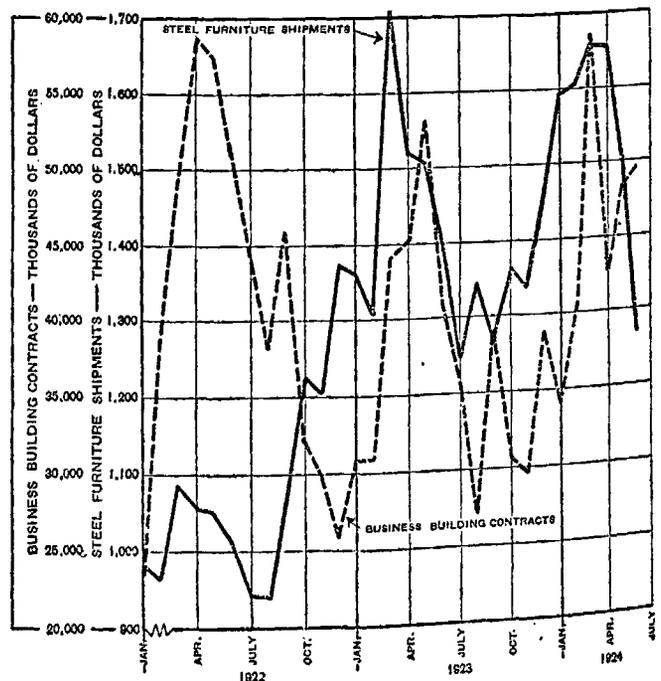
PRODUCTION OF PIG IRON AND STEEL INGOTS AND UNITED STATES STEEL CORPORATION'S UNFILLED ORDERS



capacity in June as compared with 60 per cent in May and 80 per cent a year ago. Prices of steel products declined in June. Total exports of iron and steel were larger than in May but less than a year ago.

Shipments of steel furniture, based on value, declined from May and were also less than in June, 1923. Bookings of fabricated structural steel, at 66 per cent

BUSINESS BUILDING CONTRACTS AND STEEL FURNITURE SHIPMENTS



of capacity, compared with 59 per cent in May and 50 per cent a year ago. Shipments totaled 78 per cent of capacity as against 71 per cent in May. Comparisons for earlier periods, as reported to the Department of Commerce by 189 identical firms (and 7 additional firms now out of business), with a present

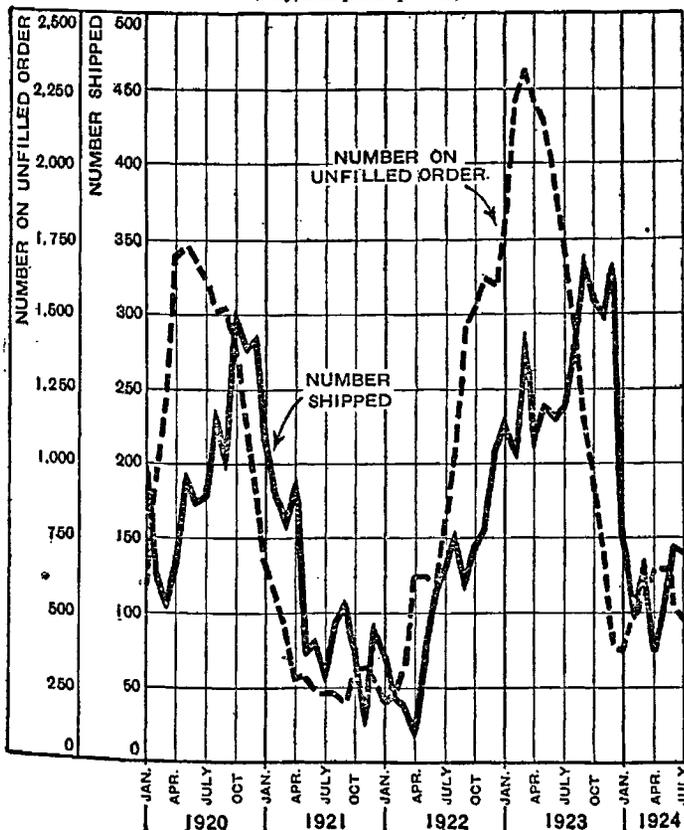
capacity of 245,540 tons per month, are shown below, based on a total capacity of 250,000 tons per month in 1922 and 260,000 tons in 1923 and 1924.

FABRICATED STRUCTURAL STEEL

	BOOKINGS			SHIPMENTS	
	Actual tonnage	Per cent of capacity	Computed tonnage	Per cent of capacity	Computed tonnage
1922					
April.....	205,573	85	212,500		
May.....	191,218	79	197,500		
June.....	175,498	73	182,500		
July.....	164,889	68	170,000		
August.....	163,791	68	170,000		
September.....	153,353	64	160,000		
October.....	138,791	58	145,000		
November.....	118,493	49	122,500		
December.....	145,230	60	150,000		
1923					
January.....	179,337	72	187,200		
February.....	192,270	77	200,200		
March.....	229,733	92	239,200		
April.....	193,639	78	202,800		
May.....	140,558	56	145,600		
June.....	125,531	50	130,000		
July.....	125,105	50	130,000		
August.....	143,402	57	148,200		
September.....	129,090	62	135,200		
October.....	121,298	49	127,400	79	205,400
November.....	132,666	54	140,400	70	182,000
December.....	195,607	80	208,000	67	174,200
1924					
January.....	175,639	72	187,200	63	163,800
February.....	179,866	73	189,800	60	156,000
March.....	174,465	71	184,600	65	169,000
April.....	159,254	65	169,000	71	184,600
May.....	145,339	59	153,400	71	184,600
June.....	156,575	66	171,600	78	202,800

¹ Reported by 186 firms with a capacity of 244,665 tons.
² Reported by 161 firms with a capacity of 237,395 tons.

LOCOMOTIVE SHIPMENTS AND UNFILLED ORDERS
 (July, 1924 patent plotted)



The following table shows statistics of steel barrels reported to the Department of Commerce by 29 manufacturers operating 34 plants, in number of barrels:

STEEL BARRELS (IN NUMBER OF BARRELS)

MONTH	On hand first of month	Manufactured	Shipped	On hand end of month	Unfilled orders, end of month
January.....	45,588	307,169	303,668	49,109	615,485
February.....	49,109	370,966	362,725	57,350	608,660
March.....	57,350	394,478	394,756	57,072	601,663
April.....	57,072	416,628	420,129	53,571	614,102
May.....	53,571	418,381	425,397	46,555	582,022
June.....	46,555	385,158	382,550	49,163	421,870

Shipments of railroad locomotives from the principal manufacturers increased over May but were smaller than a year ago. Unfilled orders for locomotives declined, in spite of an increase in foreign unfilled orders. Freight car orders were smaller than in May. Declines took place in the number of vessels building and the number completed, compared with both the previous month and a year ago, though more steel seagoing ships were completed in June than in May.

Sales of mechanical stokers increased over May, both in number and horsepower, but they declined from June, 1923, in both respects. New orders, shipments, and unfilled orders for steam, power, and centrifugal pumps declined from both periods except for a slight increase in shipments over May. Slightly fewer patents were issued in June than in May.

NONFERROUS METALS

The output of copper from mines amounted to 126,948,000 pounds in June, a decline from May but an increase over June, 1923. Exports of copper at 92,740,000 pounds also declined from May but were about one-third greater than a year ago. The price of copper declined slightly from the May average.

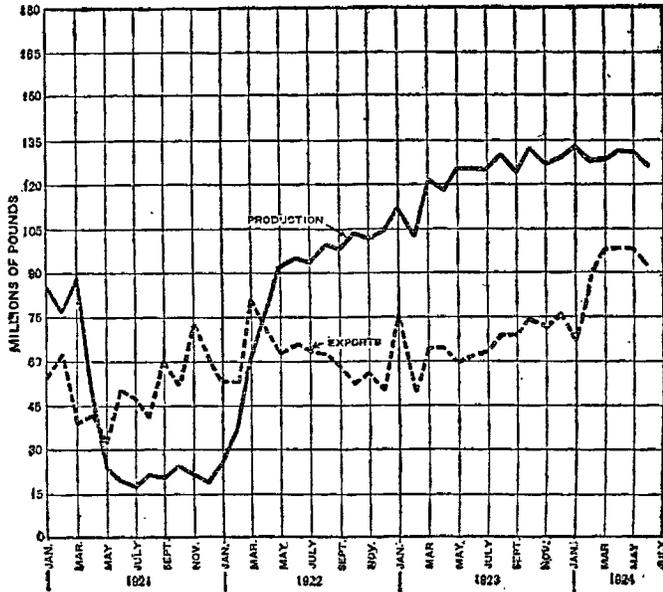
Sales of tubular plumbing goods increased over both May, 1924, and June, 1923, in number of pieces but declined from both periods in respect to value of sales. Shipments of lightning rods were greater than in May but less than in June, 1923.

The output of primary zinc declined from May but was greater than a year ago, while the number of retorts in operation at the end of June declined from both periods. Stocks of zinc increased and the price of slab zinc remained the same as the May average.

Stocks of tin in United States warehouses showed no change during June, but the world visible supply increased. Imports and deliveries from warehouses both declined from the previous month and also from a year ago. The price of tin was lower than in May.

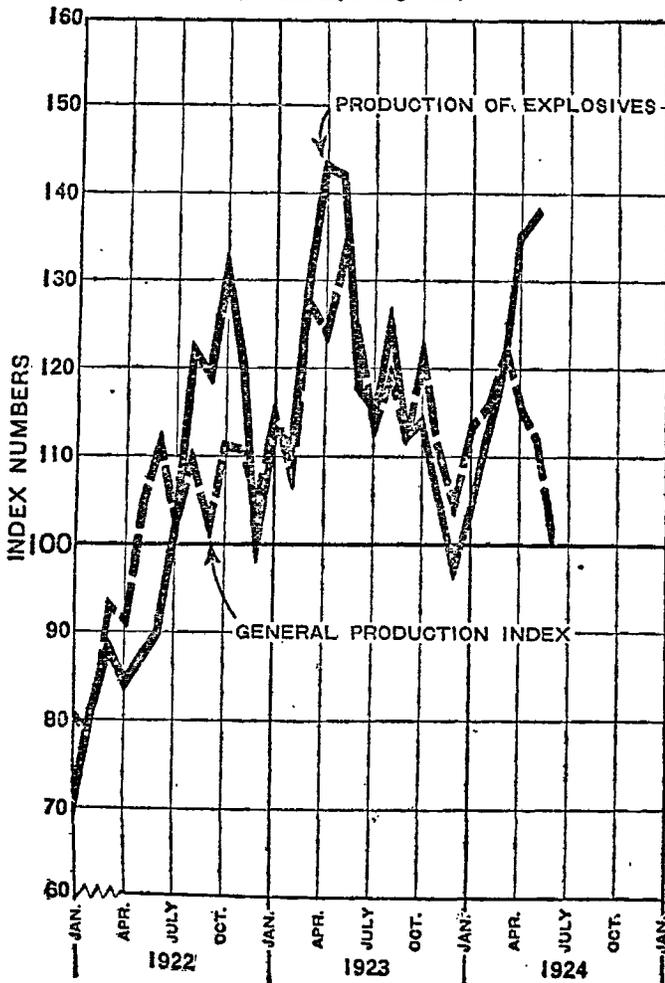
The production of lead increased in June over both the previous month and a year ago. The price of lead declined from the May average.

COPPER PRODUCTION AND EXPORTS



PRODUCTION OF EXPLOSIVES AND GENERAL MANUFACTURING PRODUCTION

(Explosives include only permissible and other high explosives; general production index based on 64 commodities.) (1922 monthly average=100.)

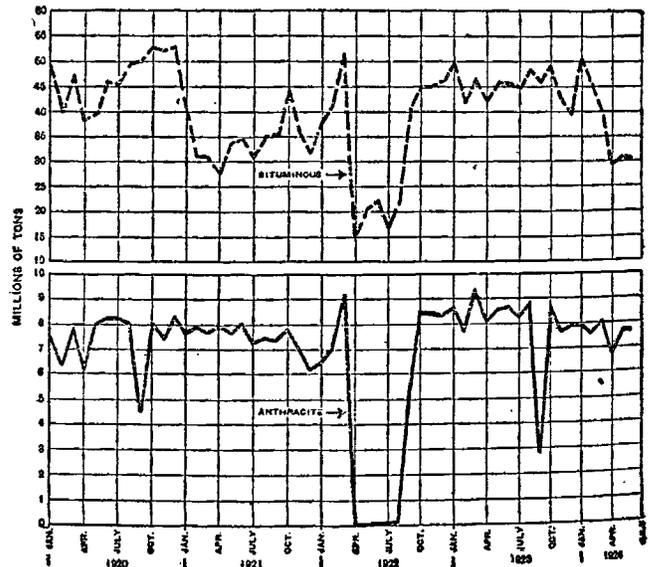


FUELS

Bituminous coal production, amounting to 30,447,000 short tons in June, showed a slight decline from May and a reduction of about one-third from a year ago. Exports were larger than in May, but smaller than a year ago. Prices for bituminous coal were practically unchanged from May.

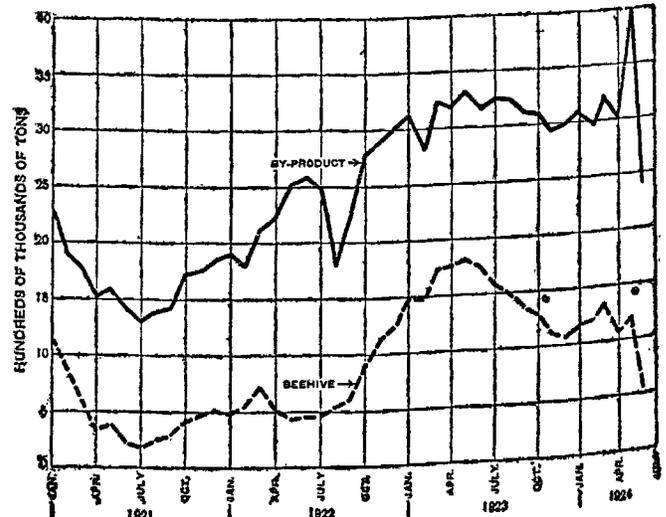
Anthracite production also made a slight decline from May and was about 11 per cent less than a year ago. Exports increased over May, but declined from a year ago. Anthracite prices, both wholesale and retail, were slightly higher than in May.

PRODUCTION OF BITUMINOUS AND ANTHRACITE COAL



The output of both beehive and by-product coke declined considerably from May and also from a year ago. Exports, though larger than in May, declined from last year, while the price of coke declined from May.

PRODUCTION OF BEEHIVE AND BY-PRODUCT COKE



The output of crude petroleum for June, amounting to 59,439,000 barrels, showed a decline from May and also from a year ago. Stocks at tank farms and pipe lines increased over both periods and provided a supply for 171 days at current rate of consumption as against 167 days for the May stocks and 157 days a year ago. Total domestic consumption of petroleum declined from May but exceeded consumption a year ago by about 9 per cent. The price of crude petroleum declined from May, and fewer oil wells were completed than in May or than in June, 1923. Mexican oil shipments in June were less than in May and also less than a year ago.

AUTOMOBILES

The output of automobiles declined both from May and from a year ago, both passenger cars and trucks showing the same general tendencies, with June production of the former at 217,927 cars and of the latter 27,863 cars, a total of 245,790 cars. Shipments also declined from both periods.

RUBBER

Imports of crude rubber declined from May and were also less than a year ago. The wholesale price of rubber was less than the May average.

Production of all classes of tires declined from May and from a year ago. Shipments declined from May except for inner tubes, while shipments of pneumatics and tubes increased over a year ago and solids declined. Stocks of all three classes declined from May and also from June, 1923.

HIDES AND LEATHER

Imports of hides and skins declined from May and were only half as large as in June, 1923. All classes declined from both periods except for an increase in sheepskins over May, but the chief decreases occurred in cattle hides. Prices of cattle hides and calfskins increased over the May average.

The production of sole leather, harness leather, and skivers declined from May and also from a year ago. Exports of sole leather also declined from both periods, while upper leather exports declined from May but increased over June, 1924. Prices of leather declined in June from the May average.

The output of boots and shoes declined from May and was also less than in June, 1923. Exports of boots and shoes declined from both periods. No changes were noted from May in wholesale shoe prices. Sales of leather belting declined in both quantity and value from May and also from a year ago.

The following table shows the number of leather gloves and mittens cut in June with comparison with May as reported to the Department of Commerce by 229 identical establishments:

LEATHER GLOVES AND MITTENS CUT (IN DOZEN PAIRS)

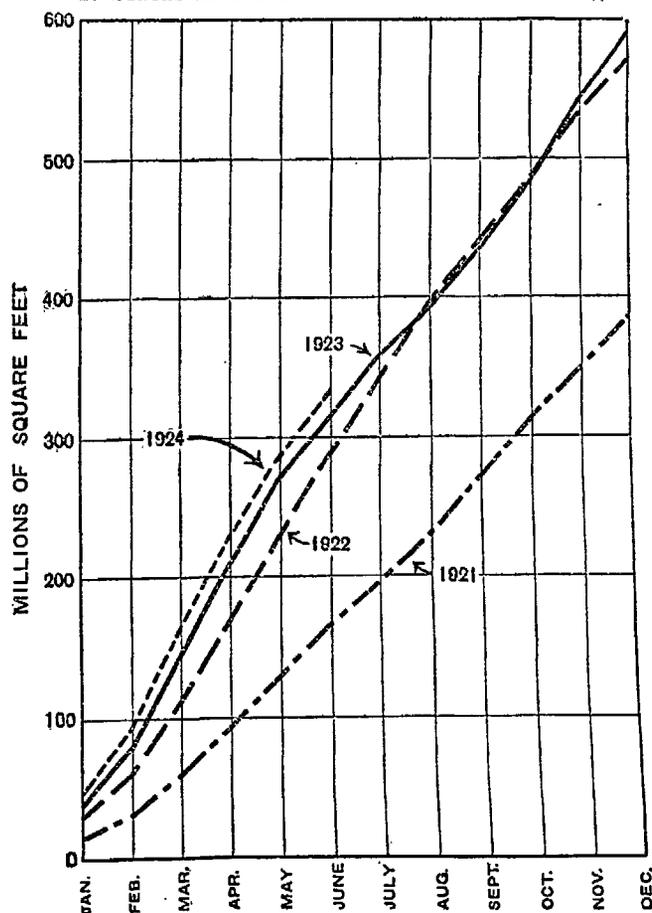
	May, 1924		June, 1924	
	Men's and boys'	Women's and children's	Men's and boys'	Women's and children's
Dress and street gloves, etc.....	59,821	11,119	59,862	10,805
Imported.....	30,999	8,562	32,589	9,106
Domestic.....	29,722	2,617	27,273	1,699
Work gloves, mittens, etc.....	131,503	821	121,102	1,036

BUILDING CONSTRUCTION

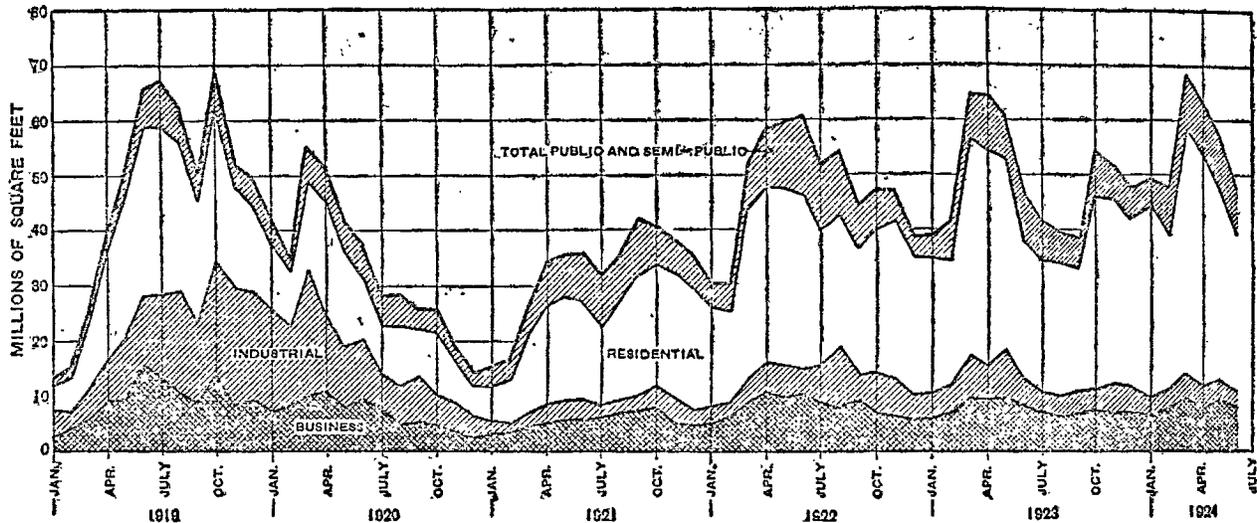
A decline was again noted in building costs in June while the index number of plumbing fixtures remained practically unchanged. Fire losses declined from May and were 40 per cent less than a year ago.

Awards of building contracts in 27 Northeastern States declined from May in both value and floor space but increased in both respects over a year ago. All the principal classes of buildings showed declines in floor space contracted for from May while in value slight increases occurred in business buildings and public buildings other than educational. Compared with a year ago the increase in floor space was due entirely to larger contracts for residential and educational buildings, while in value all classes except industrial buildings participated in the gain.

CUMULATIVE VOLUME OF BUILDING CONTRACTS AWARDED IN 27 STATES AT THE END OF SPECIFIED PERIODS



VOLUME OF BUILDING CONTRACTS AWARDED, BY CLASSES



The following monthly statistics covering the awards for construction in 26 States represent seven-eighths of the total construction lettings in the United States.

CONSTRUCTION CONTRACTS AWARDED IN 36 STATES¹

CHARACTER OF CONSTRUCTION	1924		1923
	May	June	June
Grand total:			
Value.....thousands of dollars...	419,273	387,621	371,034
Floor space.....thousands of sq. ft...	68,784	57,754	53,727
Number of projects.....	13,337	11,491	9,535
Commercial:			
Value.....thousands of dollars...	56,380	56,556	44,727
Floor space.....thousands of sq. ft...	11,232	9,308	9,597
Number of projects.....	1,497	1,274	1,232
Industrial:			
Value.....thousands of dollars...	28,901	24,968	55,867
Floor space.....thousands of sq. ft...	4,625	3,294	6,319
Number of projects.....	346	293	338
Residential:			
Value.....thousands of dollars...	185,419	161,443	136,313
Floor space.....thousands of sq. ft...	39,755	34,101	28,179
Number of projects.....	9,354	7,798	5,523
Educational:			
Value.....thousands of dollars...	40,582	34,807	26,410
Floor space.....thousands of sq. ft...	6,903	5,262	4,539
Number of projects.....	407	446	415
Other public and semipublic:²			
Value.....thousands of dollars...	39,283	37,963	32,121
Floor space.....thousands of sq. ft...	5,812	4,734	5,064
Number of projects.....	502	527	468
Public works and utilities:			
Value.....thousands of dollars...	68,708	71,784	75,596
Number of projects.....	1,231	1,151	1,229

¹ As compiled from data furnished by the F. W. Dodge Corporation.

² Includes hospitals and institutions, public buildings, social and recreational buildings, and religious and memorial buildings.

BUILDING MATERIALS

Lumber production declined from May, only California white pine and northern hemlock showing increases. Compared with a year ago all species except North Carolina pine and walnut made declines in production. Shipments in general declined from May. Shipments of all species declined from a year ago except walnut lumber and northern pine lath. Stocks of lumber held on June 30 increased over the end of May except for western pine, and stocks of walnut logs decreased from May 31, while compared with a year ago

Michigan hardwoods and softwoods made the only decline in stocks. Lumber prices declined from May.

Production and unfilled orders for maple and oak flooring declined from May, but stocks increased. Shipments and new orders for oak flooring declined, but for maple flooring showed an increase. All items except new orders and stocks declined from a year ago, but shipments of oak flooring increased.

Clay fire brick figures showed declines both from May and a year ago in production, shipments, new orders and unfilled orders, but increases in stocks on hand. Silica brick production and shipments declined both from May and from June, 1923, while stocks declined from May but increased over a year ago.

Production, shipments, stocks and unfilled orders of face brick declined from May. Production and shipments increased over a year ago, but stocks and unfilled orders were less.

Cement production declined slightly but shipments increased. Stocks on hand were reduced and prices remained unchanged. Compared with a year ago, production, shipments and stocks were all higher.

Shipments of enameled sanitary ware declined from May, while orders received showed decreases for baths and sinks but increases for the other groups. Stocks on hand increased, except for lavatories, while unfilled orders declined. Compared with a year ago, shipments increased, except for lavatories, and orders received for all classes increased. Stocks on hand were over twice as large as a year ago, and unfilled orders were smaller.

CHEMICALS AND OILS

Both imports and exports of chemicals declined from May, barring the value of dye exports, and, except for imports of nitrate and exports of sulphuric acid, were also less than a year ago. The price of

sulphuric acid remained unchanged from May, but declines were noted in the price index numbers for crude drugs, essential oils and drugs, and pharmaceuticals.

Receipts and stocks of turpentine and stocks of rosin at southern ports increased over May and over a year ago, but receipts of rosin decreased from both periods.

Both total imports and total exports of vegetable oils declined from May and also from June, 1923. Production and stocks of cottonseed oil and stocks of cottonseed declined from May in a seasonal movement, but were considerably larger than in June, 1923. The price of cottonseed oil increased over the May average.

PAPER.

Imports of wood pulp increased over May, though there was a slight decline in mechanical pulp importations. Both mechanical and chemical pulp imports declined from June, 1923.

Production and shipments of newsprint paper declined both from the previous month and a year ago, while imports exceeded both periods. Stocks of newsprint at mills declined from May but were considerably higher than a year ago.

The output of both corrugated and solid fiber paper board shipping boxes declined from May and also from a year ago, operating activity averaging 67 per cent of normal in June as against 72 per cent in May and 77 per cent a year ago. Prices of finished board and of raw materials, except straw, declined.

Domestic sales of abrasive paper and cloth declined from May and from a year ago, but foreign sales increased over both periods.

CEREALS

Current wheat receipts and shipments at the principal terminal markets were less than in June, 1923, but the visible supply of wheat in both the United States and Canada showed an increase over a year ago. Exports of wheat and flour declined from a year ago. Prices of wheat showed irregular changes from May to June, while flour prices generally advanced.

WHEAT FLOUR PRODUCTION

YEAR AND MONTH	Wheat ground (thous. of bushels)	Flour produced (thous. of bushels)	Grain offal produced (thous. of pounds)	Per cent of capacity operated
1923				
July.....	35,871	7,805	633,324	49.0
August.....	44,179	9,642	772,771	54.7
September.....	44,969	9,760	796,325	62.1
October.....	50,810	10,563	908,311	62.0
November.....	43,604	9,403	783,069	58.8
December.....	37,799	8,137	678,576	49.3
1924				
January.....	41,833	8,970	746,040	51.9
February.....	39,180	8,433	705,402	53.0
March.....	38,809	8,365	698,911	48.9
April.....	35,680	7,682	643,588	45.0
May.....	36,688	7,893	660,271	46.6
June.....	35,943	7,722	645,271	48.0

The preceding table shows the output of wheat flour reported by over 1,000 mills each month, which made about 84 per cent of the flour produced in 1921, according to the census of manufactures.

Receipts and shipments of corn were larger than in June, 1923, but exports were less. The visible supply was twice as high as on June 30, 1923, and there was a larger consumption of corn by starch and glucose manufacturers than a year ago. The price of corn advanced over the May average and was identical with the price in June, 1923.

Receipts of oats in June were slightly less than a year ago and a decline was shown in the visible supply. Exports of oats, including oatmeal, were considerably smaller than in June, 1923. The price of oats increased over the May average and also over the price a year ago.

Both receipts and exports of barley increased over May and over a year ago, and price increases were also noted over both periods.

Receipts of rye declined from May and also from a year ago, while exports of rye and rye flour exceeded the May totals but were less than in June, 1923. The price of rye exceeded the May average and was above the June, 1923, figure.

Total grain exports, including flour, were larger than in May but smaller than a year ago. Argentine visible supplies showed increases for wheat, corn, and flaxseed over both May, 1924, and June, 1923, except that flaxseed supplies declined from May.

The movement of paddy rice to the mills was much smaller than in June, 1923, both from California and from the Southern States. Shipments of cleaned rice from the mills were also considerably less than a year ago and stocks in the hands of mills and dealers declined from a year ago. Imports of rice increased over May but declined from a year ago, while exports decreased from both periods.

Carlot shipments of apples, citrus fruits, potatoes, and onions all increased over June, 1923.

MEATS AND DAIRY PRODUCTS

The receipts and local slaughter of cattle and calves at primary markets increased over June, 1923, while shipments, including stocker and feeder shipments, declined. Exports of beef products were less than a year ago, while storage holdings were larger. Cattle prices averaged less in June than in May or than a year ago, carcass beef declined slightly from May, while steer rounds rose.

Receipts, total shipments, and local slaughter of hogs all increased slightly over June, 1923, while stocker and feeder shipments declined. Exports of total pork products declined from May, 1924, and from June, 1923, while storage holdings were also less than a year ago. Lard exports also declined from a year ago but storage holdings were higher. The average prices of hogs and pork products were higher than in May.

The movement and slaughter of sheep increased in June over a year ago. Holdings of lamb and mutton in cold storage on June 30 were less than a year ago. Prices of ewes declined from May while lambs increased, both being about the same as the June, 1923, average.

Receipts of dressed poultry at the principal markets were larger than a year ago, but cold-storage holdings were less. The catch of fish increased over June, 1923, and more fish were held in storage than a year ago.

Receipts and storage holdings of butter were larger than a year ago, while prices averaged fractionally less. Cheese receipts declined from June, 1923, but storage holdings increased and prices averaged less. Both receipts and storage holdings of eggs declined from last year. Condensed-milk stocks were higher than a year ago, and exports were larger.

SUGAR AND COFFEE

Imports of raw sugar declined from May, but were larger than in June, 1923, while meltings increased over both periods. Stocks of raw sugar at refineries increased during June and were larger than a year ago. Exports of refined sugar declined from both periods. Sugar prices underwent a decline from May in all positions. Comparison of the raw-sugar movement in Cuba with a year ago shows smaller receipts but larger exports and stocks on hand.

Coffee imports declined from May but exceeded the June, 1923, figures. The visible supply, both in the United States and for the world, increased in June but was smaller than a year ago. Receipts and clearances in Brazil exceeded both the previous month and a year ago.

Imports of tea increased over May but declined from June, 1923.

WATER TRANSPORTATION

Entrances and clearances of vessels in foreign trade, measured in tonnage, declined from May, although the tonnage for foreign vessels showed an increase. Compared with a year ago the tonnage of vessels entered and cleared also increased while American vessels showed a decline in clearances and almost no change in entrances. Ocean freight rates declined from May, both to the United Kingdom and to Europe as a whole, as shown by the index number of ocean freight rates.

Traffic on the Ohio River between Pittsburgh and Wheeling declined from May as compared with an increase during the corresponding period last year, and the tonnage was also less than that carried a year ago.

RAILROAD TRANSPORTATION

The surplus of idle freight cars rose from 338,526 at the end of May to 356,389 at the end of June and compares with 58,671 cars idle a year ago. The surplus of idle coal cars was slightly less than in May, however. Shortages of cars were again negligible at the end of June, while a year ago a shortage of 11,896 cars was reported. The number of freight cars in bad order increased over May and was also larger than a year ago but the percentage of bad-orders cars to total was less than last year—8.5 per cent as against 9.2 per cent.

Car loadings in June were 11 per cent less than a year ago, due largely to decreased loadings of coal, ore, and merchandise, but all the other groups except grain and grain products also showed declines.

The following figures show the current conditions of freight-car equipment on Class I railroads:

EQUIPMENT, FREIGHT CARS

YEAR AND MONTH	OWNED (END OF MONTH)		INSTALLED DURING MONTH	
	Number	Aggregate capacity (pounds)	Number	Aggregate capacity (pounds)
1923				
December.....	2,307,997	201,055,000,000	18,600	1,762,000,000
1924				
January.....	2,310,032	201,288,000,000	15,589	1,415,000,000
February.....	2,310,570	201,535,000,000	11,386	1,109,000,000
March.....	2,311,405	202,331,000,000	9,562	892,000,000
April.....	2,312,074	202,447,783,106	8,718	731,956,193
May.....	2,312,237	202,606,400,427	9,199	879,032,000
June.....				

YEAR AND MONTH	RETIRED DURING MONTH		Unfilled orders end of month (number)	Building in railroad shops (number)
	Number	Aggregate capacity (pounds)		
1923				
December.....	14,411	1,068,000,000	24,379	1,515
1924				
January.....	12,329	1,033,000,000	21,696	2,417
February.....	10,466	822,000,000	40,030	2,715
March.....	8,726	705,000,000	62,340	2,697
April.....	8,026	612,677,857	59,550	2,739
May.....	9,059	720,424,679	57,266	2,467
June.....				

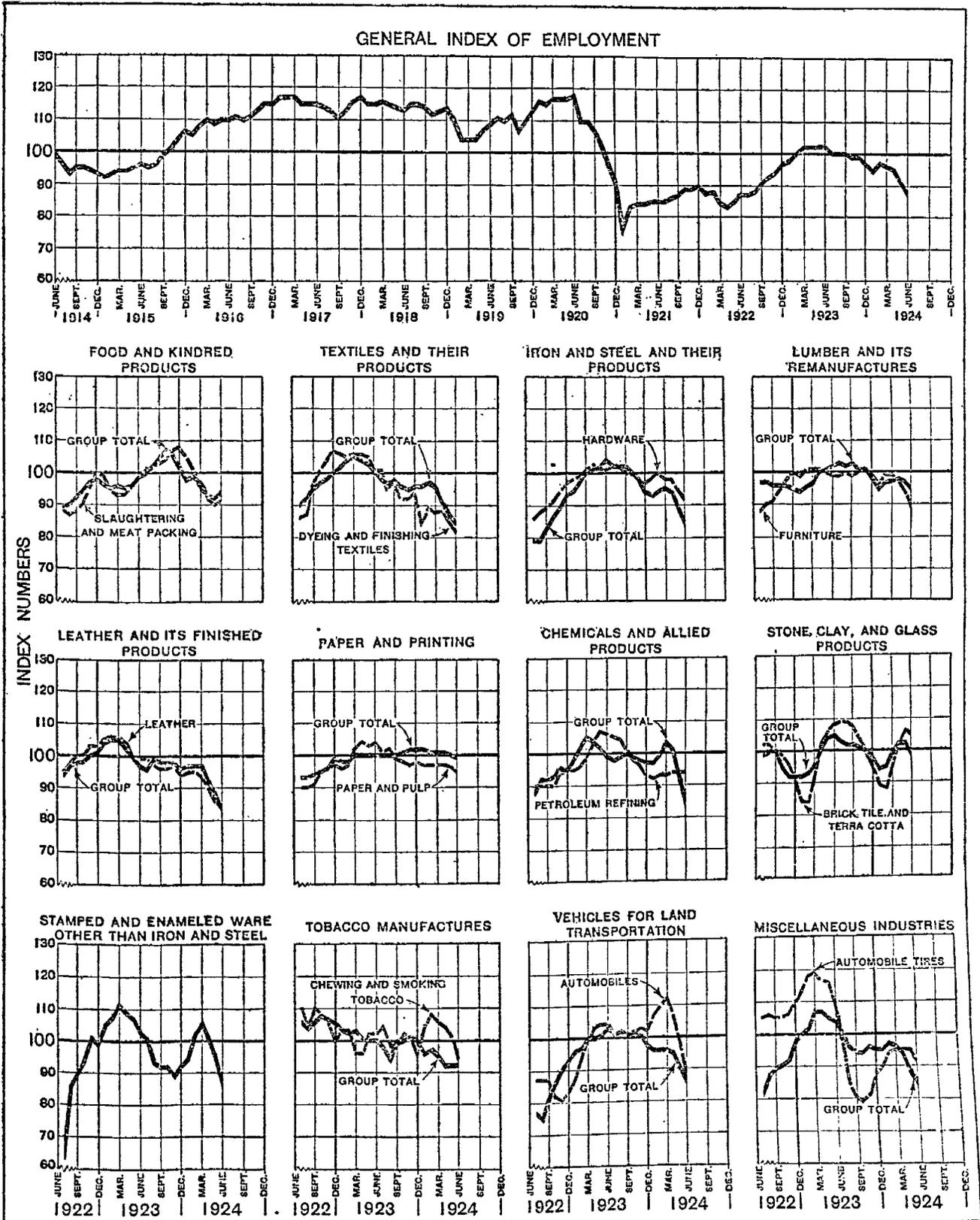
EMPLOYMENT

Factory employment throughout the United States declined from May and also from June, 1923, except in the food products group, which showed an increase over May, and in the tobacco products group, which remained unchanged from May. The total index of employment at 88 per cent of the 1923 average, compares with 91 in May, and 102 a year ago. State reports from New York, Wisconsin, Illinois, and Massachusetts and data from Detroit also show declines in factory employment from both periods. Average weekly earnings, reported from New York, Wisconsin, Illinois, and Massachusetts also show declines from May, 1924, and June, 1923.

EMPLOYMENT IN MANUFACTURING INDUSTRIES BY MAJOR INDUSTRIAL GROUPS

(Drawn from data compiled by the U. S. Department of Labor and representing weighted indexes based upon the number of wage earners in the respective industries in 1919. Detailed data may be found in this issue, page 176)

[(Average monthly employment 1923=100)]

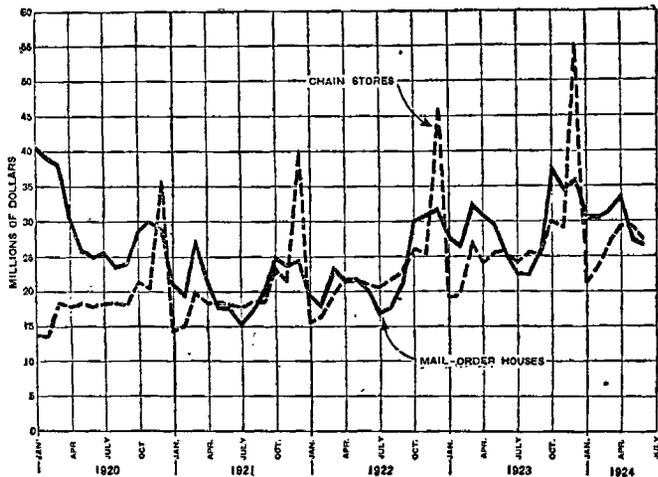


DISTRIBUTION MOVEMENT

The sales of principal mail-order houses were slightly less than in May but about 8 per cent higher than a year ago. Sales of four principal ten-cent chains were also less than in May but about 6 per cent higher than in June, 1923; the number of stores operated increased about the same proportion over a year ago.

Newspaper advertising showed a seasonal decline in June and was slightly less than a year ago. Postal receipts showed a similar trend.

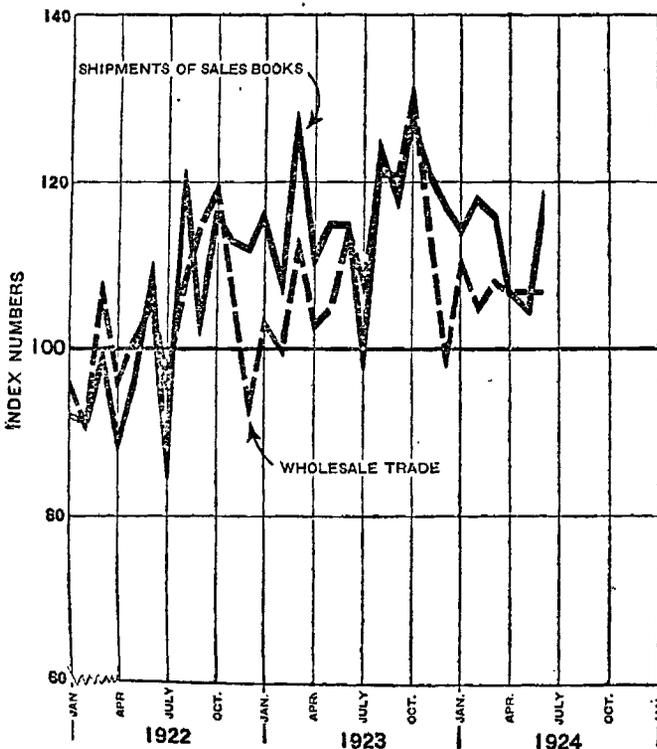
SALES OF MAIL-ORDER HOUSES AND CHAIN TEN-CENT STORES



COMPARISONS OF WHOLESALE TRADE AND SHIPMENTS OF SALES BOOKS

(1919 monthly average=100.)

(Volume of wholesale trade corrected for price variation)



PUBLIC FINANCE

The Government debt was reduced about \$300,000,000 during June, showing a decline of over \$1,000,000,000 from a year ago. Customs receipts for June were smaller than in May and also less than a year ago. Total ordinary receipts, including income-tax installments were less than in June, 1923, and for the first half of the calendar year receipts were about \$100,000,000 less than a year ago. Expenditures chargeable against these receipts were less in June than a year ago, and for the first half-year were about \$200,000,000 less than a year ago.

BANKING AND FINANCE

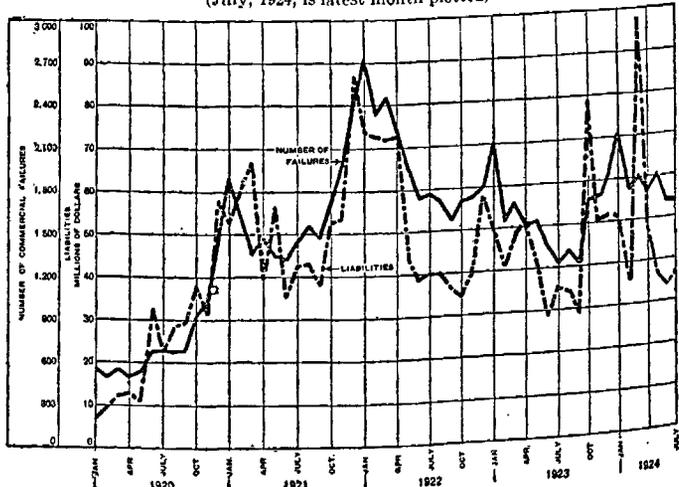
Check transactions, as shown by debits to individual accounts and by bank clearings, were larger in June than a year ago for New York City but smaller for the rest of the country. Compared with May, June check transactions were smaller except for debits in New York City. (See table on opposite page.)

During June discounts and note circulation of the Federal reserve banks declined, while investments, total reserves, and deposits increased, the reserve ratio at the end of the month standing at 82.8 per cent as against 82.7 per cent at the end of the previous month and 76.9 per cent in June, 1923.

Reports of member banks of the Federal reserve system show increases both over the end of May and over June of last year for loans and discounts, for investments and for deposits. A further reduction occurred in interest rates in June, the average for the month declining to 2½ per cent for call loans and below 4 per cent for commercial paper. The amount of new life insurance business and the number of new policies were smaller in June than in May, and also decreased from a year ago, except for the amount of industrial insurance. Premium collections were larger than in June, 1923, for all classes of life insurance.

NUMBER OF BUSINESS FAILURES AND AMOUNT OF DEFAULTED LIABILITIES

(July, 1924, is latest month plotted)



Business failures declined from May in both number and liabilities but exceeded a year ago in both respects. Such failures in all classes of commercial business—manufacturers, traders, and brokers—showed declines from May, while all except the liabilities of brokers were greater than a year ago. Failures of banks for the second quarter of the year, although larger than a year ago, declined from the first quarter, in both number and liabilities.

New incorporations during June were less than in

May and about one-third as large as in June, 1923. Total new corporation security issues in June increased over May but were less than a year ago, while municipal issues exceeded both periods.

In the agricultural credit field, repayments exceeded advances by the War Finance Corporation and the outstanding loans both with cooperative marketing associations and with banks and livestock loan companies were reduced. Loans by both classes of land banks declined from May and from a year ago.

DEBITS TO INDIVIDUAL ACCOUNTS AT PRINCIPAL CLEARING-HOUSE CENTERS GROUPED BY FEDERAL RESERVE DISTRICTS

[Relative numbers based on 1919 as 100]

DISTRICTS	1924		1923	DISTRICTS	1924		1923
	June	July	July		June	July	July
UNITED STATES, 141 clearing-house centers.....	107.5	107.2	97.5	ST. LOUIS DISTRICT:			
BOSTON DISTRICT:				Total, 5 centers.....	107.2	103.0	101.5
Total, 11 centers.....	115.4	119.3	112.1	Louisville.....	103.8	107.0	93.4
Boston.....	118.8	123.8	113.9	St. Louis.....	112.0	102.4	101.3
Hartford.....	129.4	142.4	121.7	Memphis.....	82.4	80.1	77.9
Providence.....	100.0	95.9	100.0	Little Rock.....	147.2	155.6	138.9
New Haven.....	123.6	133.3	126.4	MINNEAPOLIS DISTRICT:			
NEW YORK DISTRICT:				Total, 9 centers.....	93.1	96.3	90.1
Total, 7 centers.....	108.2	106.1	90.9	Duluth.....	91.1	95.5	86.7
Albany.....	134.4	136.7	117.2	Minneapolis.....	89.6	85.2	83.9
Buffalo.....	115.2	118.6	119.8	St. Paul.....	104.9	102.5	104.3
Rochester.....	143.3	135.8	122.5	Helena.....	81.8	90.9	81.8
New York.....	107.7	105.5	90.0	Billings.....	77.8	77.8	77.9
PHILADELPHIA DISTRICT:				KANSAS CITY DISTRICT:			
Total, 10 centers.....	119.1	117.1	112.4	Total, 14 centers.....	78.2	87.0	87.9
Philadelphia.....	117.3	114.4	108.9	Denver.....	104.8	111.6	104.8
Scranton.....	139.6	147.2	156.6	Kansas City, Mo.....	69.0	83.2	78.9
Trenton.....	141.9	151.2	144.2	Omaha.....	63.5	68.6	75.9
CLEVELAND DISTRICT:				St. Joseph, Mo.....	65.9	61.7	64.7
Total, 13 centers.....	107.2	109.0	114.0	Oklahoma City.....	103.0	108.9	116.2
Akron.....	80.0	84.4	85.5	Tulsa.....	94.7	96.8	109.6
Cincinnati.....	121.1	128.1	132.0	DALLAS DISTRICT:			
Cleveland.....	94.8	95.5	101.4	Total, 11 centers.....	66.0	67.5	80.8
Pittsburgh.....	110.1	114.2	117.7	Dallas.....	90.7	91.3	79.5
Youngstown.....	95.0	105.0	113.3	Houston.....	73.9	76.1	79.1
Toledo.....	162.9	145.7	150.0	Fort Worth.....	65.2	71.7	67.4
Columbus.....	114.7	113.8	130.2	SAN FRANCISCO DISTRICT:			
Dayton.....	140.9	140.0	150.0	Total, 18 centers.....	121.5	125.2	122.8
RICHMOND DISTRICT:				Los Angeles.....	223.0	223.9	235.1
Total, 7 centers.....	93.7	94.2	94.9	Portland, Oreg.....	82.3	84.5	84.5
Baltimore.....	93.6	92.1	95.8	San Francisco.....	102.4	104.3	98.8
Norfolk.....	75.0	85.7	78.5	Seattle.....	87.4	88.3	91.1
Richmond.....	101.7	106.0	100.0	Oakland, Calif.....	169.8	195.8	190.4
Charleston.....	75.7	62.2	75.7	DISTRICT TOTALS CORRECTED FOR SEASONAL			
ATLANTA DISTRICT:				VARIATION:			
Total, 15 centers.....	94.1	98.5	90.2	United States, total.....	104.0	108.2	98.4
Atlanta.....	104.1	101.6	98.7	Boston district.....	111.0	118.0	110.0
Birmingham.....	178.0	188.1	176.3	New York District.....	103.6	107.7	92.3
New Orleans.....	88.5	100.3	83.9	Philadelphia district.....	113.2	116.4	111.7
Jacksonville.....	120.8	116.6	108.3	Cleveland district.....	103.0	105.6	110.5
Nashville.....	76.3	76.3	73.1	Richmond district.....	91.3	93.6	94.3
Augusta.....	59.5	62.2	61.6	Atlanta district.....	97.3	103.9	95.1
CHICAGO DISTRICT:				Chicago district.....	103.6	118.1	104.9
Total, 21 centers.....	108.0	119.6	106.3	St. Louis district.....	106.2	106.0	104.1
Chicago.....	104.6	105.3	102.1	Minneapolis district.....	94.9	101.2	94.6
Detroit.....	126.5	125.1	121.6	Kansas City district.....	78.4	86.7	87.4
Indianapolis.....	109.6	114.0	119.1	Dallas district.....	91.8	97.7	90.2
Milwaukee.....	105.1	105.7	111.7	San Francisco district.....	122.5	126.7	124.3
Des Moines.....	127.7	125.5	95.4				
Grand Rapids.....	86.6	86.6	89.3				
Sioux City.....	114.3	125.4	114.3				

Prices of all classes of stocks and bonds rose during June and all averaged higher than in May and also than a year ago. Sales of stocks and of all classes of bonds increased over May, especially the corporation bonds. Compared with a year ago, bond sales were larger but stock sales smaller.

The number of stockholders recorded on the books of large corporations increased during the second quarter of the year, while the percentage of brokers' holdings declined.

GOLD AND SILVER

Domestic receipts of gold at the mint declined from May, 1924 and June, 1923, and the output of gold by the Rand mines also declined from both periods. Imports and exports of gold both declined from May, the import balance declining from \$40,500,000 to \$25,000,000.

Silver production declined from April but increased over a year ago. Imports and exports of silver were

both smaller than in May, the export balance of \$4,000,000 being reduced to \$3,800,000 in June. The price of silver advanced in both New York and London.

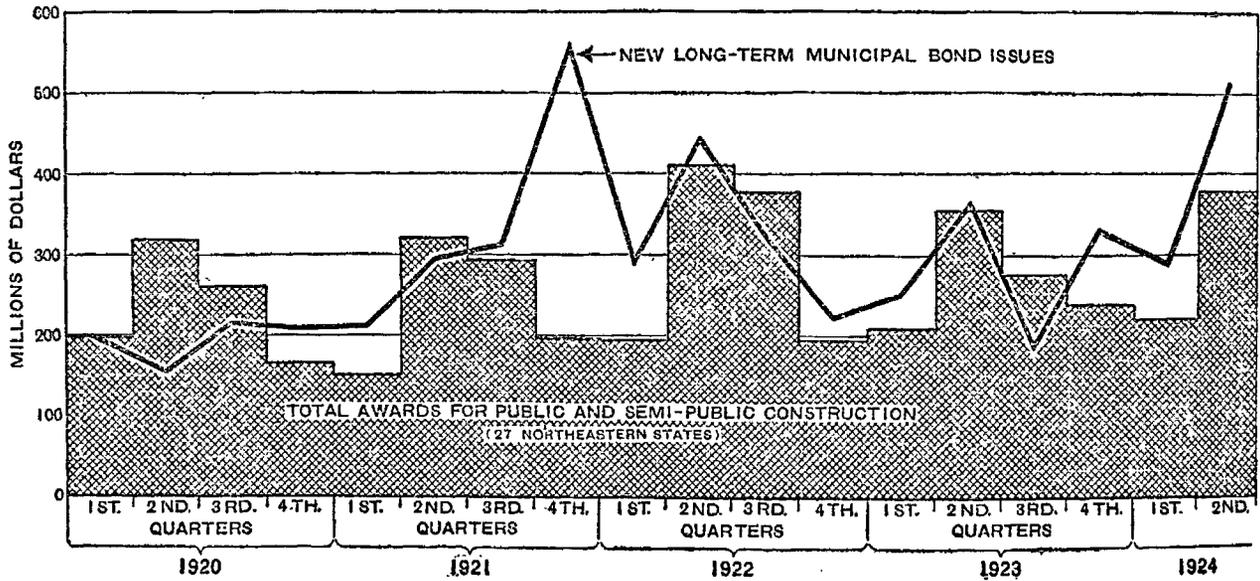
FOREIGN EXCHANGE AND TRADE

Foreign exchange rates of the principal European currencies declined in June, except for Netherlands and the Scandinavian countries, which showed no

change. The exchanges of the South American countries also declined in terms of the dollar, as did India, while Canada and Japan increased. The general index of foreign exchange stood at 60 per cent of par, as against 62 per cent in May.

Declines from both the previous month and a year ago took place in imports and in exports for June. The export balance of about \$32,000,000 in May was almost unchanged for June.

CONTRACTS AWARDED FOR PUBLIC AND SEMIPUBLIC CONSTRUCTION AND NEW ISSUES OF LONG-TERM MUNICIPAL BONDS



CENSUS OF MANUFACTURES: 1923—PRELIMINARY REPORTS

The Bureau of the Census has announced preliminary figures on four additional manufacturing industries collected pursuant to the census of manufactures for the year 1923. The following table summarizes the more important data made available since those published in the July issue, and as further similar reports are released they will be correspondingly summarized for the readers of the SURVEY. More details can be obtained with respect to each of the industries above outlined from the bureau's complete preliminary statement for each industry in connection with the census of manufactures for 1923.

CENSUS OF MANUFACTURES RETURNS: 1923

INDUSTRY CLASSIFICATION	VALUE OF PRODUCTS			PER CENT INCREASE OVER 1921 IN—		PER CENT MINIMUM TO MAXIMUM EMPLOYMENT	
	1923	1921	Per cent increase	Quantity principal product	Average wage earners employed	1923	1921
Wall paper.....	\$34,755,700	\$29,147,905	19.2	-----	35.7	73.3	49.5
Labels and tags.....	25,984,697	19,538,302	33.0	-----	21.5	90.7	91.1
Firearms.....	17,527,121	12,883,842	36.0	133.4	31.1	88.7	77.0
Scales, etc.....	24,100,602	15,884,770	51.7	-----	13.9	93.6	67.3

¹ Rifles and shotguns combined.

CIVIL-SERVICE EMPLOYEES

The following monthly figures reported by the United States Civil Service Commission give a comparative summary of the operations of the civil-service system:

CIVIL-SERVICE APPLICATIONS, EXAMINATIONS, APPOINTMENTS, AND SEPARATIONS¹

YEAR AND MONTH	NUMBER OF APPLICATIONS RECEIVED		NUMBER OF PERSONS EXAMINED		NUMBER OF PERSONS APPOINTED		NUMBER OF PERSONS SEPARATED	
	Departmental service	Field service	Departmental service	Field service	Departmental service	Field service	Departmental service	Field service
1923								
June.....	3,930	9,898	3,515	11,051	509	5,629	876	6,900
July.....	4,175	13,948	2,320	12,660	599	6,787	523	8,373
August.....	3,875	15,218	1,817	11,770	618	5,791	545	6,159
September.....	2,980	18,538	1,793	16,824	702	7,514	937	7,743
October.....	2,415	19,263	3,038	16,893	552	6,612	823	6,338
November.....	2,953	15,511	2,473	15,564	509	8,059	604	6,960
December.....	2,410	12,887	1,397	9,710	366	6,021	475	5,747
1924								
January.....	8,129	15,304	3,120	13,534	212	7,045	240	5,687
February.....	6,865	20,639	7,536	14,749	390	5,745	479	4,134
March.....	2,293	24,250	2,063	22,851	399	7,271	451	6,298
April.....								
May.....								

¹ By departmental service is meant service in Washington, D. C., exclusive of the jurisdiction of the fourth civil-service district with offices in Washington. By field service is meant all service outside of the District of Columbia and includes the service in Washington under the jurisdiction of the fourth civil-service district.

NEW CURRENT DATA

Statistics on the shipments from manufacturing plants of mining and industrial electric locomotives, as reported to the Department of Commerce by eight manufacturers, comprising the entire industry, are shown below for the first quarter of 1924:

MINING AND INDUSTRIAL ELECTRIC LOCOMOTIVES

	Number shipped	Value
Mining locomotives.....	140	\$683,565
Trolley type.....	112	554,950
Storage-battery type.....	28	128,615
Industrial locomotives.....	42	277,546
Trolley or third-rail type.....	19	147,139
Storage-battery type.....	23	130,407

COLLAPSIBLE TUBES

BOXBOARD

Data for June reported by 12 manufactures of collapsible tubes to the Department of Commerce follow (including one company not reporting orders). These 12 companies reported 19,106 hours operated out of a total of 29,112 hours capacity or 65.6 per cent.

COLLAPSIBLE TUBES

ITEM	Establishments reporting	Total	Tin	Lead	Composition
					Gross
Unfilled orders 1st of month.....	11	326,285	270,733	36,583	18,969
Orders booked.....	11	158,201	142,584	11,758	3,859
Cancellations.....	11	36	11	25	
Shipments.....	12	152,910	132,823	18,188	1,899
Unfilled orders end of month.....	11	349,169	294,503	33,728	20,929
Production.....	12	163,746	137,395	24,410	1,941

Monthly statistics on box board reported by from 75 to 82 manufacturers each month to the Department of Commerce are as follows:

BOX BOARD

YEAR AND MONTH	Operation	Production	Orders received	Unfilled orders (end of mo.)	Consumption of waste paper	STOCKS OF WASTE PAPER (end of month)		
						On hand	In transit	Unshipped purchases
1923								
November.....	6,235,129	142,001	140,636	66,362	129,661	128,599	9,428	20,333
December.....	6,183,182	140,553	144,419	77,268	128,976	149,670	11,690	19,982
1924								
January.....	7,193,900	160,817	186,379	92,658	151,145	114,137	13,224	36,541
February.....	6,773,994	156,002	158,775	88,214	148,329	107,720	12,953	23,890
March.....	7,699,464	176,293	152,861	85,989	165,986	124,774	13,997	21,877
April.....	7,629,777	167,580	146,018	66,504	155,790	127,392	11,533	25,709
May.....	7,718,075	166,398	152,648	67,199	158,399	130,910	11,632	26,354

PAGES TO SAVE IN EARLY ISSUES

Continuing and revising the data first presented in the February, 1924, issue (No. 30) of the SURVEY OF CURRENT BUSINESS there is given below the list of pages which may be saved from early issues in order to secure a complete list of data not subsequently published. This list does not include the quarterly issues, as beginning with the May, 1922, issue (No. 9), three or four months have been taken from the earlier figures each quarter, and it is thus advisable to keep each quarterly number from that time. Further details regarding individual items are given in the sections following, describing special data, discontinued data, and monthly data prior to 1921.

ISSUE (DATE AND NUMBER)	Pages to save	Description of data
June 1922 (No. 10).....	42-39	1920 data on many items.
June, 1922 (No. 10).....	18-21	Index of marketing of animal products.
July, 1922 (No. 11).....	15-21	Employment by districts and index of crop marketings.
July, 1922 (No. 11).....	41-46	1920 data on many items.
September, 1922 (No. 13)...	17	Fertilizer report, first half of 1922.
September, 1922 (No. 13)...	22-25	Indexes of mineral and total raw material production.
September, 1922 (No. 13)...	47-51	Monthly data for 1920 and 1913.
October, 1922 (No. 14).....	6	Seasonal movement, butter and cheese.
October, 1922 (No. 14).....	45-47	Monthly data from 1920 and to 1913.
December, 1922 (No. 16)...	47-49	Monthly data from 1913.
January, 1923 (No. 17).....	8, 12, 13, 15, 16	Fabricated steel capacity, glucose and starch distribution, and employment.
January, 1923 (No. 17).....	22-23	Index of manufacturing production.
January, 1923 (No. 17).....	51	Data from 1920.
March, 1923 (No. 19).....	11, 12, 18	Distribution cotton, wool, and glucose.
March, 1923 (No. 19).....	45-50	Data from 1919 and 1913.
April, 1923 (No. 20).....	11, 16, 17	Cotton ginnings, paint and varnish, and patents.
April, 1923 (No. 20).....	46-56	Data from 1913.
June, 1923 (No. 22).....	20	Business failures by districts.
June, 1923 (No. 22).....	46-52	Data from 1913 and 1920.
July, 1923 (No. 23).....	45-51	Data from 1913 and 1920.
September, 1923 (No. 25)...	46-57	Data from 1913 and 1919.
October, 1923 (No. 26)...	16, 18	Railroad equipment and paint and varnish.
October, 1923 (No. 26)...	51-61	Data from 1913 and 1919.
December, 1923 (No. 28)...	15, 19, 21	Automobile employment, railroads, and fire losses.
December, 1923 (No. 28)...	52-56	Data from 1913 and 1920.
January, 1924 (No. 29).....	19-22, 47-50	Index of manufacturing production and early data.
March, 1924 (No. 31).....	7, 13, 15-18, 21-23, 51-56	Miscellaneous new data; data for earlier years.
April, 1924 (No. 32).....	27-28, 52-61	Seasonal trends of commodity stocks; business failures; miscellaneous data for earlier years.
June, 1924 (No. 34).....	51-57	Data for earlier years.
July, 1924 (No. 35).....	52-61	Data for earlier years.

MONTHLY DATA PRIOR TO 1921

The detailed tables in this number of the "Survey of Current Business" present monthly data on almost all items as far back as the early part of 1921. For most of these items, figures are available as early as January, 1920, which may be found in the May, 1922, issue (No. 9), except as stated below. The list given below contains all items for which monthly data has been published for periods prior to 1920 and also such monthly data for 1920 as were not included in the May, 1922, issue of the Survey. Back numbers of the "Survey of Current Business" may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

INDEX NUMBERS

Mineral production, 1909-13 base, monthly data from 1920, in May, 1922, issue (No. 9), pages 19 to 22; on 1919 base, monthly data from 1920 in September, 1922, issue (No. 13), pages 22 to 25.

Marketings of animal products, monthly data from 1920, in June, 1922, issue (No. 10), pages 18 to 21.

Marketings of crops, monthly data from 1920, in July, 1922, issue (No. 11), pages 17 to 21.

Forestry production, monthly data from 1920, in August, 1922, issue (No. 12), pages 19 to 21.

Raw material production, monthly data from 1920, in September, 1922, issue (No. 13), pages 22 to 25.

Manufacturing production, monthly data from 1920, in January, 1923, issue (No. 17), pages 22 to 28, revised in January, 1924, issue (No. 29), pages 19 to 22.

Unfilled orders and stocks, monthly data from 1920, in May, 1923, issue (No. 21), pages 20 to 22, and February, 1924, issue (No. 30), page 29.

TEXTILES

Cotton consumption and stocks, monthly data, 1913-1921 in December, 1922, issue (No. 16), page 49; 1921 stocks revised in August, 1923, issue (No. 24), page 55.

Cotton ginned to specified dates, periodic data, 1914-1922 in April, 1923, issue (No. 20), page 51.

Fall River mill dividends, quarterly, 1913-1922, in September, 1923, issue (No. 25), page 48.

Finished cotton goods, monthly data from 1920, in December, 1923, issue (No. 28), page 55.

Wool, prices, Boston, monthly data, 1913 to 1923, in December, 1923, issue (No. 28), page 52.

METALS

Pig iron production and unfilled steel orders, monthly data, 1913 to 1921, in December, 1922, issue (No. 16), page 47.

Steel ingot production, monthly data, 1917-1923, in April, 1924, issue (No. 24), page 61.

Composite price of 1/4 iron and steel products, monthly data, 1913 to 1922, in April, 1923, issue (No. 20), page 48.

Steel sheets production, etc., monthly data from 1920 to 1922, in April, 1923, issue (No. 20), page 53.

Ship construction, monthly data, 1915 to 1923, in January, 1924, issue (No. 29), page 49.

Steel furniture shipments, monthly data, 1919 to 1922, in March, 1923, issue (No. 19), page 45.

Steam, power, and centrifugal pumps, monthly data, 1919 to 1923, in September, 1923, issue, page 55.

Lake Superior iron ore stocks and consumption, monthly data from 1921, in June, 1923, issue (No. 22), page 49.

Stokers, sales, monthly data from 1920, in September, 1922, issue (No. 13), page 48.

Zinc, retorts in operation, monthly data from 1920, in January, 1924, issue (No. 29), page 49.

Iron and steel exports, monthly data from 1920, in June, 1922, issue (No. 10), page 42.

Price of basic pig iron, monthly data from 1920, in June, 1922, issue (No. 10), page 42.

Locomotive shipments and unfilled orders, monthly data from 1920, in June, 1922, issue (No. 10), page 42.

Patents granted, total, and for agricultural machinery, monthly data, 1913 to 1922, in April, 1923, issue, page 48.

Patents on internal combustion engines, monthly data, 1913 to 1922, in June, 1923, issue, page 52.

Steel barrels and drums, orders, monthly data from 1920, in September, 1923, issue (No. 25), pages 55 to 56.

Enameled sanitary ware, complete monthly data from 1922, in July, 1924, issue (No. 35), page 57.

Railway equipment, shipments and unfilled orders, monthly data, 1919 to 1923, in July, 1924, issue (No. 35), page 55.

FUEL AND POWER

Coal production, monthly data, 1913 to 1921, in December, 1922, issue (No. 16), page 48. (Bituminous for 1919 and 1920 and anthracite for 1920 have since been revised.)

Coal stocks, periodic data from 1916, in March, 1924, issue (No. 31), page 13.

Sales of electrical energy, monthly data, 1913 to 1922, in July, 1923, issue (No. 23), page 45: Production and fuel consumption by central stations, monthly data from 1921 on page 49 of the same issue.

Coal and oil consumed by vessels, monthly data, 1913 to 1923, in October, 1923, issue (No. 26), page 61.

Petroleum production and stocks, monthly data, 1917 to 1921, in December, 1922, issue (No. 16), page 48. Revised data on production and number of days' supply from 1921 in August, 1923, issue (No. 24), page 77. Revised data on petroleum stocks, monthly from 1920, in July, 1923, issue (No. 23), page 50.

LUMBER

- Michigan hardwood and softwood lumber, production and shipments, monthly data, 1917 to 1921, in April, 1923, issue (No. 20), page 49, stocks, monthly data from 1920, in July, 1922, issue (No. 11), page 43.*
- Pine lumber production, yellow and western, monthly data, 1917 to 1921, in April, 1923, issue (No. 20), page 49; yellow pine revised in October, 1923, issue (No. 26), page 59.*
- Douglas fir lumber production, monthly data, 1917 to 1921, in December, 1922, issue (No. 16), page 49.*
- Northern pine lumber and lath, production, etc., monthly data from 1920, in September, 1922, issue (No. 13), page 48.*
- Maple flooring, production, etc., monthly data from 1920, in July, 1922, issue (No. 11), page 43.*
- Oak flooring, production, etc., monthly data from 1912, in May, 1924, issue (No. 33), page 36.*
- Retail lumber sales, Minneapolis district, monthly data from 1920, in October, 1923, issue (No. 26), page 59.*
- Composite lumber prices, monthly data from 1920, in January, 1923, issue (No. 17), page 51.*
- Exports of yellow pine and Douglas fir, monthly data from 1921, in December, 1923, issue (No. 28), page 56.*
- Piano benches and stools, monthly data from 1917, in June, 1924, issue (No. 34), page 57.*

OTHER CONSTRUCTION MATERIALS

- Cement production, shipments, and stocks, monthly data, 1915 to 1922, in September, 1923, issue (No. 25), page 47.*
- Cement prices, monthly data, 1913 to 1923, in December, 1923, issue (No. 28), page 54.*
- Face brick (32 identical plants) production, etc., monthly data from 1919, in April, 1923, issue (No. 20), page 53.*
- Prepared roofing shipments, monthly data from 1919 in September, 1923, issue (No. 25), page 55.*
- Index of construction costs, monthly data, 1914 to 1922, in June, 1923, issue (No. 22), page 52.*
- Turpentine and rosin receipts and stocks, monthly data from 1920, in June, 1922 (No. 10), page 49.*
- Canadian building operations, monthly data from 1920, in July, 1922, issue (No. 11), page 46.*
- Fire losses, monthly data, 1913 to 1922 and seasonal index, in December, 1923, issue (No. 28), page 53.*

FOODSTUFFS

- Wheat flour production, monthly data, 1914 to 1922, in October, 1922, issue (No. 14), page 47.*
- Wholesale price, smoked hams, monthly data from 1919, in September, 1923, issue (No. 25), page 55.*
- Argentine cereal exports, monthly data from 1920, in October, 1923, issue (No. 26), page 59.*
- Milk receipts and production, monthly data from 1920, in July, 1922, issue (No. 11), page 46, except receipts at Philadelphia, in September, 1922, issue (No. 13), page 50.*
- Cuban sugar movement, monthly data from 1920, in June, 1922, issue (No. 10), page 49.*
- Receipts of barley, rye, and oats, visible supply of oats, grindings of corn and receipts of poultry, monthly data from 1920, in June, 1922, issue (No. 10), page 43.*
- Lard production, stocks, exports, and prices, monthly data 1916-1923, March, 1924, issue (No. 31), page 54.*

TRANSPORTATION

- Sault Ste Marie canal traffic, by classes of commodities, monthly data, 1913 to 1922, in March, 1923, issue (No. 19), pages 48 and 49.*
- Mississippi River traffic, monthly data from 1920, in July, 1922, issue (No. 11), page 45.*
- Cape Cod Canal traffic, monthly data from 1920, in September, 1923, issue (No. 25), pages 55 and 56.*
- Index of ocean freight rates, monthly data from 1920, in September, 1922, issue (No. 13), page 50.*
- Visitors to National parks, monthly data from 1920, in December, 1923, issue (No. 28), page 56.*
- Bad order cars, percentage to total, monthly data from 1920 in October, 1923, issue (No. 26), pages 59 and 60.*
- Canadian railway operations, monthly data from 1920, in July, 1922, issue (No. 11), page 45.*
- Net revenue freight, ton-mile operations, monthly data from 1916, in December, 1923, issue (No. 28), page 52.*

DISTRIBUTION

- Restaurant sales, monthly data from 1920, in October, 1923 issue (No. 26), pages 59 and 60.*
- Grocery chains, monthly data from 1919, in January, 1924 issue (No. 29), page 49.*
- Candy sales, monthly data from 1920, in January, 1923, issue (No. 17), page 51; sales of candy chains from 1919, in January, 1924, issue (No. 29), page 49.*
- Schulte Cigar Stores Sales, monthly data from 1921, in June, 1923, issue (No. 22), page 49.*
- Jones Brothers Tea Company, sales and stores, monthly data from 1920, in December, 1923, issue (No. 28), page 56.*
- Internal revenue taxes on theater admissions and automobile sales, monthly data from 1920, in January, 1923 issue (No. 17), page 51.*
- Domestic and foreign money orders, quarterly, 1913 to 1922, in March, 1923, issue (No. 19), page 50 (now superseded by monthly data).*
- Wholesale trade by commodities, monthly data, 1919 to 1922, in April, 1923, issue (No. 20), page 50.*

FINANCIAL

- Debits to individual accounts by cities, monthly data, from 1919 in October, 1923, issue (No. 26), pages 51 to 55 (superseding similar table published in April, 1923, issue (No. 20), pages 46 and 47, which presented data for the last week of the month instead of a total for the calendar month).*
- Stocks, prices 25 railroads and 25 industrials, monthly data, 1913 to 1921, in December, 1922, issue (No. 16), page 47.*
- Total dividend and interest payments, monthly data, 1913 to 1922, in September, 1922, issue (No. 13), page 51. (Note that figure for July, 1917, should be \$333,011 instead of \$633,011 appearing in the table.)*
- Dividend payments, classified, monthly data, 1913 to 1921, in October, 1922, issue (No. 14), page 46.*
- Total investments, Federal reserve banks, monthly data from 1920, in September, 1922, issue (No. 13), page 47.*
- New corporate bond issues, by classes, monthly data from 1920, in June, 1923, issue (No. 22), page 47.*
- Agricultural loans by Federal farm loan banks, joint stock land banks and war finance corporations, monthly data from 1920 in June, 1923, issue (No. 22), page 47.*
- Life insurance premium collections, monthly from 1921, in September, 1923, issue (No. 25), pages 50 and 51.*
- Life insurance sales by districts, ordinary insurance, monthly data from 1921, in April, 1924, issue (No. 32), page 56.*
- Business failures, number and liabilities, monthly data 1913 to 1922 and seasonal index, in December, 1923, issue (No. 28), page 53. Details by classes given in June, 1924, issue (No. 34), page 55.*
- United States Government short-term debt, monthly data from 1921, in March, 1924, issue (No. 31), page 56.*
- Interest rates on commercial paper and call loans, monthly data, 1913 to 1923, in June, 1924, issue (No. 34), page 56.*

MISCELLANEOUS

- Bradstreet's wholesale price index, monthly data, 1913 to 1922, in July, 1923, issue (No. 23), page 45.*
- Official price index numbers, revised wholesale, by groups, retail food and producers', monthly data from 1920, in July, 1922, issue (No. 11), page 41.*
- Wholesale prices, Federal reserve recomputation, monthly data from 1920, in October, 1922, issue (No. 14), page 45.*
- Automobile production, monthly data, 1920 to 1923, in July, 1923, issue (No. 23), page 50; truck production, revised 1921-1923, in October, 1923, issue (No. 26), pages 56 and 57.*
- Automobile registrations, new cars, Pacific Coast States, by States in 1922 and 1923, in March, 1924, issue (No. 31), page 56.*
- Railway employment, monthly data from 1920, in January, 1923, issue (No. 17), page 51.*
- Shoe prices, wholesale, St. Louis, monthly data from 1920, in September, 1922, issue (No. 13), page 47.*
- Wood chemicals, production of acetate and methanol consumption and stocks of wood, monthly data from 1920, in September, 1923, issue (No. 25), page 46; 1921 figures revised in December, 1923, issue (No. 28), page 51.*
- Paper production and stocks, monthly data from 1920, in June, 1922, issue (No. 10), pages 45 to 47.*

Canadian newsprint movement, monthly data from 1920, in June, 1922, issue (No. 10), page 49.

Rubber stocks in United Kingdom, monthly data from 1921, in September, 1923, issue (No. 25), pages 55 and 56.

INDEX OF SPECIAL DATA

From time to time special tables have been included in the Survey of Current Business on particular items of current interest which, however, are on an annual or other basis not permitting a continuance of current figures. For the convenience of our readers, the following list of such special data appearing in previous numbers is given:

Automobile employment and output, 1921 to 1924 (chart) in March, 1924, issue (No. 31), page 13.

Butter and cheese, seasonal movement (chart) in October, 1923, issue (No. 26), page 6.

Cotton, consumption north and south, 1913 to 1923 (chart) in March, 1924, issue (No. 31), page 10.

Cotton, ginned, by years, 1912-1923 (chart) in April, 1924, issue (No. 32), page 9.

Cotton and wool, world supply and distribution in March, 1923, issue (No. 19), page 11.

Electric fans, annual sales, 1916 to 1923, in May, 1924, issue (No. 33), page 12.

Employment, trend by districts (chart) in July, 1922, issue (No. 11), page 15.

Employment, seasonal, by industries, in November, 1922, issue (No. 15), page 8, January, 1923, issue (No. 17), page 8, and February, 1923, issue (No. 18), page 18.

Failures, by districts, 1916 to 1923 (chart) in January, 1924, issue (No. 29), page 18.

Failures, relative to bank clearings (chart) 1910-1922, in February, 1923, issue (No. 18), page 20.

Failures, relative to fire losses (chart) 1920-1923, in December, 1923, issue (No. 25), page 21.

Failures, adjudicated in Federal Courts, 1912-1923, in February, 1924, issue (No. 30), page 22.

Failures, trading, manufacturing, and banking, 1913-1923, in April, 1924, issue (No. 32), page 57.

Failures, national banks, 1870-1923, in March, 1924, issue (No. 31), page 22.

Fertilizer production, etc., first half of 1922, in September, 1922, issue (No. 13), page 17.

Gasoline and kerosene consumption, by States, monthly data for 1921, 1922, and 1923, in June, 1924, issue (No. 34), pages 51 to 53.

Glucose and starch distribution, in January, 1923, issue (No. 17), page 16, March, 1923, issue (No. 19), page 18, and May, 1924, issue (No. 33), page 18.

Glue and gelatin, annual production, 1922 and 1923, in May, 1924, issue (No. 17), page 17.

Labor at anthracite mines, from 1921, in March, 1924, issue (No. 31), page 17.

Lighting equipment, output 1922 and 1923 in July, 1924, issue (No. 35), page 19.

Livestock on farms, 1913 to 1923, in February, 1923, issue (No. 18), page 127.

Loans, distribution by national banks, 1911-1923, in March, 1924, issue (No. 31), page 21.

Locomotive and freight car installations, 1907-1922 (chart) in October, 1923, issue (No. 26), page 18.

Locomotive tractive power, 1907-1922, in December, 1923, issue (No. 28), page 19.

Machine tools shipments, 1901-1923, in April, 1924, issue (No. 32), page 55.

Paint and varnish production, 1920-1922, in April, 1923, issue (No. 20), page 16. 1922-1923, by half years, in October, 1923, issue (No. 26).

Patents issued, 1913-1922 (chart), in April, 1923, issue (No. 20), page 17.

Pork products, imports into United Kingdom, 1909-1923, in March, 1924, issue (No. 31), page 16.

Production, principal commodities, years 1920-1922, in February, 1923, issue (No. 18), page 8.

Revenues of Government agencies, 1912 and 1922, in March, 1924, issue (No. 31), page 18.

Rubber situation, 1921, by half years, in May, 1922, issue (No. 9), page 13.

Structural steel shops, capacity, 1913-1922, in January, 1923, issue (No. 17), page 13.

Wages and supply, farm labor, 1913-1922, in March, 1923, issue (No. 19), page 45.

DATA DISCONTINUED

The following table may be of use as a reference to the latest quarterly number in which discontinued data are given, the monthly figures for 1920, where available, usually being found in the May, 1922, issue (No. 9).

Textiles:

Price, wool, Ohio $\frac{1}{2}$ and $\frac{3}{4}$ grades, Boston, in August, 1923, issue (No. 24), page 61.

Price, wool, Ohio fine, Boston, and to producer, in May, 1923, issue (No. 21), page 57.

Stocks of wool held by government in May, 1922, issue (No. 9), page 41.

Consumption of wool, including estimates, in August, 1922, issue (No. 12), page 42.

Cotton stocks held "elsewhere" and unginned cotton, in May, 1924, issue (No. 33), page 61.

Fur-felt hats, production, etc., in May, 1924, issue (No. 33), page 58.

Paper:

Newsprint consumption, stocks and prices, paper production and stocks, by grades, printing purchases and sales, wood-pulp production, stocks and folding paper box production in August, 1923, issue (No. 24), pages 86 to 92.

Labels, production, in February, 1923, issue (No. 18), page 82.

Leather:

Production and stocks of fancy, patent, glove and harness leather in October 1, 1921, issue (No. 3), pages 23 to 25.

Price of hemlock sole leather in May, 1923, issue (No. 21), page 79.

Foodstuffs:

Stocks of imported rice at warehouses in May, 1923, issue (No. 21), page 121. Sugar production and stocks in April, 1924, issue (No. 32), page 60.

Pork, wholesale price, loins in August, 1923, issue (No. 24), page 131.

Construction:

Costs, hotel and office buildings in November, 1922, issue (No. 15), page 86.

Contracts for hospitals, public, social and religious buildings in August, 1923, issue (No. 24), pages 95 to 97.

Sanitary pottery orders in May, 1923, issue (No. 21), page 103.

Hardwood lumber, stocks and unfilled orders, in February, 1924, issue (No. 30), page 104.

Miscellaneous:

Anthracite coal, stove, retail price, in May, 1922, issue (No. 9), page 56.

Motor accessory sales, etc., in March, 1924, issue (No. 31), page 56.

Employment, Third Federal reserve district, in October, 1923, issue (No. 26), page 57.

Liberty loans outstanding, in August, 1923, issue (No. 24), page 166.

Foreign exchange on Germany in August, 1923, issue (No. 24), page 183.

Glass bottles, production, in February, 1924, issue (No. 30), page 97.

Credit conditions by sections in November, 1923, issue (No. 27), pages 184 to 186.

Cast-iron pipe, production, shipments and orders, in May, 1924, issue (No. 33), page 110.

Fire-extinguisher shipments, in May, 1924, issue (No. 33), page 81.

JULY DATA

The following table gives such July data as have been received to and including August 14, 1924. Text matter covering July data is given on page 1

ITEM	1924		July, 1923	ITEM	1924		July, 1923				
	June	July			June	July					
TEXTILES				FOODSTUFFS							
Cotton:				Corn grindings.....	thous. of bush..	5,621	5,835	4,080			
Imports, unmanufactured.....	bales..	13,641	6,697	6,356	Grain movement:						
Exports, unmanufactured (including liners).....	bales..	230,979	211,633	171,469	Receipts—						
Consumption by textile mills.....	bales..	350,277	346,671	462,654	Wheat.....	thous. of bush..	16,410	35,074	33,894		
Stocks, end of month:					Corn.....	thous. of bush..	17,415	18,225	18,184		
Total, mills and warehouses.....	thous. of bales..	1,832,829	1,393,761	2,032,521	Oats.....	thous. of bush..	14,003	10,510	16,130		
Mills.....	thous. of bales..	959,625	710,827	1,033,518	Shipments—						
Warehouses.....	thous. of bales..	882,204	673,934	938,903	Wheat.....	thous. of bush..	13,714	16,302	17,550		
World visible, American.....	thous. of bales..	1,223,297	933,493	865,532	Corn.....	thous. of bush..	15,565	11,235	11,661		
Silk					Visible supply—						
Consumption.....	bales..	23,164	30,052	28,573	Wheat.....	thous. of bush..	36,496	43,770	32,648		
Stocks.....	bales..	24,843	23,213	22,914	Corn.....	thous. of bush..	9,247	6,987	2,316		
					Oats.....	thous. of bush..	5,264	3,086	5,710		
IRON AND STEEL				Argentine grain:							
Pig iron:				Visible supply—							
Production.....	thous. of long tons..	2,026	1,785	3,678	Wheat.....	thous. of bush..	7,650	6,660	4,810		
Furnaces in blast.....	number.....	164	144	298	Corn.....	thous. of bush..	10,809	13,200	6,000		
Average daily capacities.....	tons.....	65,200	55,360	114,200	Flaxseed.....	thous. of bush..	2,400	3,000	2,000		
Steel ingots, production.....	thous. of long tons..	2,056	1,869	3,531	Rice:						
Unfilled orders, U. S. Steel Corp., end of month.....	thous. of long tons..	3,263	3,187	5,911	Receipts at mills.....	thous. of bbls..	9,466	5,638	163,934		
Wholesale price, composite finished steel.....	dolls. per 100 lbs..	2.61	2.56	2.78	Shipments from mills.....	thous. of pockets..	135	135	346		
Wholesale price:					Stocks, domestic.....	thous. of pockets..	303	165	744		
Composit pig iron.....	dolls. per ton.....	21.29	20.11	26.98	Sugar, raw:						
Iron and steel.....	dolls. per ton.....	40.61	45.39	45.39	Meltings.....	long tons.....	465,314	503,649	259,674		
Composit steel.....	dolls. per 100 lbs..	2.84	2.81	3.03	Stocks at refineries.....	long tons.....	367,971	329,238	228,840		
Locomotives:					Sugar, Cuban movement:						
Shipments—					Receipts, Cuban ports.....	long tons.....	141,698	178,615	90,688		
Total.....	number.....	145	140	230	Exports.....	long tons.....	291,005	366,233	154,726		
Domestic.....	number.....	134	139	211	Stocks, end of month.....	long tons.....	788,141	670,802	623,987		
Foreign.....	number.....	11	10	28							
Unfilled orders—					CHEMICALS AND DRUGS						
Total.....	number.....	531	483	1,738	Wholesale prices:						
Domestic.....	number.....	462	416	1,652	Drugs and pharmaceuticals.....	index number.....	153	151	143		
Foreign.....	number.....	69	67	86	Essential oils.....	index number.....	136	133	141		
Freight cars, orders, domestic.....	number.....	438	438	1,450	Crude drugs.....	index number.....	219	207	219		
Steel furniture, shipments.....	thous. of dolls..	1,271	1,271	1,248	TRANSPORTATION						
					Index of ocean rates, Atlantic ports to:						
NONFERROUS METALS				United Kingdom.....				weighted index number.....	25.0	22.8	20.2
Zinc:					All Europe.....	weighted index number.....	23.3	22.1	19.9		
Production.....	thous. of lbs..	86,894	85,826	86,130	DISTRIBUTION						
Stocks.....	thous. of lbs..	99,368	105,410	42,480	Mail-order houses, total sales.....	thous. of dolls..	26,978	22,069	22,453		
Factories in operation.....	number.....	78,135	71,827	82,075	Sears, Roebuck & Co.....	thous. of dolls..	13,669	13,414	14,961		
Receipts at St. Louis.....	thous. of lbs..	14,544	15,036	27,628	Montgomery Ward & Co.....	thous. of dolls..	13,469	8,653	7,492		
Shipments from St. Louis.....	thous. of lbs..	17,013	18,629	25,838	Ten-cent stores, total sales.....	thous. of dolls..	27,210	27,319	23,920		
Lead:					F. W. Woolworth Co.....	thous. of dolls..	15,485	15,950	14,062		
Receipts at St. Louis.....	thous. of lbs..	11,933	8,516	7,083	E. S. Kresge Co.....	thous. of dolls..	6,478	6,371	5,745		
Shipments from St. Louis.....	thous. of lbs..	7,781	5,836	5,630	S. H. Kress Co.....	thous. of dolls..	3,370	3,069	2,533		
Tin:					McCroskey Stores Corp.....	thous. of dolls..	1,877	1,869	1,619		
Consumption.....	3,310	3,910	5,305	U. S. foreign trade:							
Stocks—				Imports.....	thous. of dolls..	274,015	278,000	287,454			
World.....	20,094	20,161	20,019	Exports.....	thous. of dolls..	306,475	278,600	302,186			
United States.....	4,067	5,059	2,037	PRICE INDEX NUMBERS							
BUILDING AND CONSTRUCTION				Dun's (1st of following month).....				price index no.....	153	155	154
Contracts awarded, floor space (27 States):				Bradstreet's (1st of following month).....				price index no.....	133	137	139
Business buildings.....	thous. of sq. ft..	7,827	7,436	7,094	WHOLESALE PRICES						
Industrial buildings.....	thous. of sq. ft..	2,801	2,416	3,861	<i>Farm products—Average price to producers</i>						
Residential buildings.....	thous. of sq. ft..	28,346	20,911	23,698	Wheat.....	cents per bush..	98.5	105.8	95.1		
Educational buildings.....	thous. of sq. ft..	4,188	4,846	4,131	Corn.....	cents per bush..	80.8	86.3	86.5		
Other public and semipublic buildings.....	thous. of sq. ft..	4,073	4,711	3,170	Potatoes.....	cents per bush..	100.7	109.7	83.1		
Grand total.....	thous. of sq. ft..	48,064	41,179	42,021	Cotton.....	cents per lb..	27.8	27.3	26.2		
Contracts awarded, value (27 States):					Cottonseed.....	dolls. per ton.....	39.96	39.07	41.42		
Business buildings.....	thous. of dolls..	49,601	41,856	35,267	Cattle, beef.....	cents per lb..	5.79	6.65	6.72		
Industrial buildings.....	thous. of dolls..	19,026	14,475	21,197	Hogs.....	cents per lb..	6.55	6.60	6.68		
Residential buildings.....	thous. of dolls..	136,679	105,507	111,138	Lambs.....	cents per lb..	11.21	10.50	10.60		
Educational buildings.....	thous. of dolls..	29,006	34,667	27,512	<i>Farm products—Market price</i>						
Other public and semipublic buildings.....	thous. of dolls..	33,717	31,403	23,240	Wheat, No. 1, northern, spring (Chicago).....	dolls. per bush..	1.120	1.307	1.017		
Grand total.....	thous. of dolls..	331,147	289,334	274,225	Wheat, No. 2, red, winter (Chicago).....	dolls. per bush..	1.122	1.233	1.011		
Construction relative to 1913, <i>Engineering News Record:</i>					Corn, contract grades, No. 2, cash (Chicago).....	dolls. per bush..	.839	1.055	.857		
Volume.....	index number.....	126	165	128	Oats, contract grades, cash (Chicago).....	dolls. per bush..	.501	.563	.422		
Cost (1st of following month).....	index number.....	214	213	222	Barley, fair to good, malting (Chicago).....	dolls. per bush..	.776	.829	.653		
Northern pine:					Rye, No. 2, cash (Chicago).....	dolls. per bush..	.729	.861	.647		
Lumber—					Cattle, steers, good to choice, corn fed (Chicago).....	dolls. per 100 lbs..	9.595	9.563	10.590		
Production.....	M ft. b. m.....	58,662	52,267	60,978	Hogs, heavy (Chicago).....	dolls. per 100 lbs..	7.215	8.188	7.210		
Shipments.....	M ft. b. m.....	40,036	45,758	40,633	Sheep, ewes (Chicago).....	dolls. per 100 lbs..	4.825	4.841	5.050		
Lath—					Sheep, lambs (Chicago).....	dolls. per 100 lbs..	14.725	13.750	13.975		
Production.....	thousands.....	14,625	13,328	19,229	Food						
Shipments.....	thousands.....	16,050	14,849	14,105	Flour, standard patents (Minneapolis).....	dolls. per bbl..	6.856	7.490	6.025		
Composite lumber prices (1st of following month):					Flour, winter straights (Kansas City).....	dolls. per bbl..	5.581	5.531	4.850		
Hardwoods.....	dolls. per M ft. b. m.....	42.20	42.04	45.75	Sugar, 96° centrifugal (New York).....	dolls. per lb..	.051	.051	.069		
Softwoods.....	dolls. per M ft. b. m.....	29.45	29.12	32.25	Sugar, granulated, in barrels (New York).....	dolls. per lb..	.065	.066	.085		
CEMENT											
Production.....	thous. of bbls..	13,538	14,029	12,620							
Shipments.....	thous. of bbls..	15,030	16,614	13,712							
Stocks.....	thous. of bbls..	14,903	12,318	8,031							

JULY DATA—Continued.

ITEM	1924		July, 1928	ITEM	1924		July, 1928
	June	July			June	July	
WHOLESALE PRICES—continued.				WHOLESALE PRICES—continued.			
<i>Foods—Continued.</i>				<i>Building materials and miscellaneous—Continued.</i>			
Beef, fresh carcass good native steers (Chicago).....dolls. per lb..	.168	.165	.158	Brick, common red, domestic building (New York).....dolls. per thous..	20.00	16.00	21.00
Beef, fresh steer rounds No. 2 (Chicago).....dolls. per lb..	.175	.170	.185	Cement, Portland, f. o. b. plant (Chicago district).....dolls. per bbl..	1.75	1.75	1.75
<i>Clothing</i>				Steel beams, mill (Pittsburgh).....dolls. per cwt..	2.30	2.20	2.50
Cotton yarns, carded, white, northern, mule spun, 22-1 cones (Boston).....dolls. per lb..	4.74	4.71	4.37	Rubber, Para Island, fine (New York).....dolls. per lb..	.164	.170	.239
Cotton, print cloth, 27 inches, 64x60-7.60 yards to pound (Boston).....dolls. per yd..	.068	.068	.066	Sulphuric acid, 66° (New York).....dolls. per 100 lbs..	.70	.70	.75
Cotton, sheeting, brown, 4/4 Ware Shoals L. L. (New York).....dolls. per yd..	.108	.108	.117	PUBLIC FINANCE			
Worsted yarns, 2/32's crossbred stock, white, in skein (Boston).....dolls. per lb..	1.600	1.550	1.800	U. S. interest-bearing debt.....mills. of dolls..	20,981	20,991	21,959
Women's dress goods, storm serge, all-wool, dbl. warp, 50 inch (New York).....dolls. per yd..	1.035	1.035	1.035	Gross debt.....mills. of dolls..	21,251	21,254	22,271
Suitings, wool, dyed blue, 55-56 inches, 16-ounce Middlesex (New York).....dolls. per yd..	3.600	3.600	3.690	Customs receipts.....thous. of dolls..	43,276	43,945	43,225
Silk, raw, Japanese, Kansai No. 1 (New York).....dolls. per lb..	4.998	5.390	7.154	Ordinary receipts.....thous. of dolls..	601,580	195,704	205,742
Hides, green salted, packer's, heavy native steers (Chicago).....dolls. per lb..	.125	.131	.146	Total expenditures chargeable against ordinary receipts.....thous. of dolls..	288,055	207,995	242,222
Hides, calfskins, No. 1, country, 8 to 15 pounds (Chicago).....dolls. per lb..	.171	.180	.149	BANKING AND FINANCE			
Leather, chrome calf, dull or bright "B" grades (Boston).....dolls. per sq. ft..	.430	.430	.440	Bank clearings:			
Leather, sole, oak, scoured backs, heavy (Boston).....dolls. per lb..	.425	.425	.540	New York City.....mills. of dolls..	19,958	21,127	16,646
Boots and shoes, men's black calf, blucher (Massachusetts).....dolls. per pair..	6.25	6.25	6.50	Outside New York City.....mills. of dolls..	15,264	16,210	15,395
Boots and shoes, men's dresswelt tan calf (St. Louis).....dolls. per pair..	4.85	4.85	4.85	Federal reserve banks:			
<i>Fuels</i>				Total investments.....mills. of dolls..	476	531	273
Coal, anthracite, chestnut (New York tidewater).....dolls. per long ton..	11.16	11.28	10.62	Bills discounted.....mills. of dolls..	350	294	761
Coke, Connellsville (range of prompt and future) furnace—at ovens.....dolls. per short ton..	3.23	2.96	4.55	Notes in circulation.....mills. of dolls..	1,844	1,762	2,195
Petroleum, crude, Kansas-Oklahoma— at wells.....dolls. per bbl..	1.550	1.550	1.450	Total reserves.....mills. of dolls..	3,271	3,260	3,200
<i>Metals</i>				Total deposits.....mills. of dolls..	2,108	2,165	1,897
Pig iron, foundry No. 2, northern (Pittsburgh).....dolls. per long ton..	21.51	20.76	27.27	Reserve ratio.....per cent..	82.8	83.0	78.2
Pig iron, basic, valley furnace.....dolls. per long ton..	19.63	19.00	25.10	Member banks:			
Steel billets, Bessemer (Pittsburgh).....dolls. per long ton..	38.00	38.00	42.50	Total loans and discounts.....mills. of dolls..	12,142	12,285	11,716
Copper ingots, electrolytic, early delivery (New York).....dolls. per lb..	.124	.124	.144	Total investments.....mills. of dolls..	4.82	4.987	4,628
Lead, pig, desilvered for early delivery (New York).....dolls. per lb..	.071	.071	.064	Net demand deposits.....mills. of dolls..	11,837	12,233	11,078
Tin, pig, for early delivery (New York).....dolls. per lb..	.427	.462	.386	Interest rates:			
Zinc, slab, western, early delivery (New York).....dolls. per lb..	.062	.062	.064	New York call loans.....per cent..	2.25	2.10	5.00
<i>Building materials and miscellaneous</i>				BUSINESS FAILURES			
Lumber, pine, southern, yellow flooring, 1 x 4, "B" and better (Hattiesburg district).....dolls. per M ft. b. m..	39.51	38.51	46.57	Liabilities:			
Lumber, Douglas fir, No. 1, common (Washington).....dolls. per M ft. b. m..	16.500	16.500	19.500	Total commercial.....thous. of dolls..	34,099	36,313	35,721
				Manufacturing establishments.....thous. of dolls..	16,646	20,022	19,139
				Trade establishments.....thous. of dolls..	14,810	12,421	10,701
				Agents and brokers.....thous. of dolls..	2,643	4,370	5,881
				Firms:			
				Total commercial.....number..	1,607	1,615	1,231
				Manufacturing establishments.....number..	439	416	350
				Trade establishments.....number..	1,054	1,124	828
				Agents and brokers.....number..	84	75	53
				STOCKS AND BONDS			
				Bond price indexes:			
				Combined index, 40 bonds.....	74.59	75.81	71.40
				10 highest grade rails.....	85.84	87.22	82.78
				10 second grade rails.....	72.49	73.58	67.70
				10 public utility bonds.....	69.03	70.93	65.70
				10 industrial bonds.....	73.01	73.48	71.68
				Bond sales:			
				Miscellaneous bonds.....thous. of dolls. (par value)..	237,519	273,131	123,068
				Liberty bonds.....thous. of dolls. (par value)..	102,855	68,014	61,747
				Total.....thous. of dolls. (par value)..	390,374	341,145	184,815
				Stock sales.....thous. of shares..	16,803	24,226	12,668
				Stock prices:			
				25 industrials.....dolls. per share..	108.93	113.53	102.52
				25 railroads.....dolls. per share..	65.07	68.39	58.07

INDEXES OF BUSINESS

The index numbers presented in this table are designed to show the trend in production, prices, trade, etc., in various groups of industry and commerce. They consist in general of weighted combinations of series of individual relative numbers; often the individual relative numbers making up the series are also given. The base year of all the index and relative numbers is 1919, except prices which are on a 1913 base, and unfilled orders, on a 1920 base. The function of index and relative numbers is explained on the inside front cover. A condensed form of this table is given on page 13.

EXPLANATION <i>All index numbers are relative to 1919 as 100, except prices which are relative to 1913, and unfilled orders, which are relative to 1920.</i>	Maximum since Jan. 1, 1920	Minimum since Jan. 1, 1920	1923		1924				Per cent increase (+) or decrease (-), June from May
			May	June	March	April	May	June	
PRODUCTION									
RAW MATERIALS, total.....	157	73	97	95	93	87	95	90	-5.3
MINERALS:									
Petroleum.....	209	105	196	198	189	189	196	189	-3.6
Bituminous coal.....	137	41	119	118	103	76	81	78	-3.8
Anthracite coal.....	121	0	117	118	111	93	106	105	-0.9
Iron ore*.....	241	0	140	212	0	4	152	181	+19.1
Copper.....	124	17	117	117	122	123	122	118	-3.3
Lead.....	164	74	145	147	153	143	157	164	+4.5
Zinc.....	133	38	124	114	127	119	126	115	-8.7
Gold.....	131	57	81	71	84	80	80	66	-17.5
Silver.....	145	80	145	105	122	97	124	111	-10.5
Total.....	154	83	141	147	120	106	123	122	-0.8
ANIMAL PRODUCTS (marketings):									
Wool.....	227	19	59	124	69	56	64	145	+126.5
Cattle and calves.....	143	58	93	80	76	85	88	82	-6.8
Hogs.....	107	64	121	113	131	117	116	115	-0.9
Sheep.....	153	54	79	64	60	60	59	68	+15.3
Eggs*.....	245	30	243	174	101	209	220	151	-30.0
Poultry*.....	382	21	68	84	85	79	90	90	0.0
Fish.....	135	45	89	98	101	95	100	103	+3.0
Milk (New York).....	190	94	136	147	132	128	138	147	+4.3
Total.....	130	80	127	119	107	118	124	118	-4.8
CROPS (marketings):									
<i>Grains—</i>									
Corn*.....	389	61	71	95	202	117	108	116	+7.4
Wheat*.....	218	32	53	58	57	32	49	52	+6.1
Oats*.....	211	49	70	73	87	72	71	73	+2.8
Barley*.....	85	22	23	28	39	36	29	51	+75.9
Rye*.....	353	24	60	63	42	24	62	42	-32.3
Rice*.....	367	2	23	30	61	13	2	2	0.0
Total*.....	206	54	57	67	94	55	63	67	+6.3
<i>Vegetables—</i>									
Potatoes (white)*.....	349	45	101	132	147	123	117	136	+16.2
Sweet potatoes*.....	314	0	40	7	52	18	2	0	
Tomatoes*.....	497	2	297	339	151	120	241	486	+101.7
Onions*.....	232	35	145	39	109	131	158	56	-64.6
Cabbage*.....	316	22	196	108	195	156	185	114	-38.4
Celery*.....	501	4	60	16	472	267	121	24	-80.2
Total*.....	291	58	118	134	149	121	124	150	+21.0
<i>Fruits—</i>									
Apples*.....	655	4	23	7	91	50	32	13	-59.4
Peaches*.....	532	0	0	87	0	0	1	71	+610.0
Citrus fruit*.....	235	34	193	136	227	235	200	145	-27.5
Grapes*.....	1,049	0	0	2	0	0	0	0	0.0
Pears*.....	799	0	0	0	3	1	0	29	
Watermelons*.....	785	0	27	212	0	0	2	244	
Cantaloupes*.....	630	0	48	519	0	0	69	630	+813.0
Strawberries*.....	1,925	0	1,534	642	11	202	1,475	881	-40.3
Total*.....	405	48	153	102	89	87	155	124	-20.0
<i>Cotton products—</i>									
Cotton*.....	225	25	36	26	35	38	39	21	-46.2
Cottonseed*.....	276	2	6	7	23	13	17	6	-64.7
Total*.....	232	23	31	23	33	35	35	19	-45.7
<i>Miscellaneous crops—</i>									
Hay*.....	148	46	51	50	67	54	58	63	+8.6
Tobacco*.....	258	0	1	0	29	6	6	2	-66.7
Flaxseed*.....	566	28	84	134	46	41	67	51	-23.9
Cane sugar*.....	810	0	8	7	2	2	4	4	0.0
Total*.....	170	22	22	23	41	24	27	26	-3.7
Grand total, crops.....	195	49	55	54	71	54	60	56	-6.7

* Fluctuations between maximum and minimum largely due to seasonal variations.

INDEXES OF BUSINESS—Continued

EXPLANATION <i>All index numbers are relative to 1919 as 100, except prices which are relative to 1913, and unfilled orders which are relative to 1920.</i>	Maximum since Jan. 1, 1920	Minimum since Jan. 1, 1920	1923		1924				Per cent increase (+) or decrease (-), June from May
			May	June	March	April	May	June	
PRODUCTION—Con.									
FOREST PRODUCTS:									
Lumber.....	133	59	133	132	122	127	127	116	-8.7
Pulpwood.....	135	51	129	107	111	134	118	107	-9.3
Gum (rosin and turpentine).....	267	20	207	232	47	103	216	227	+5.1
Distilled wood.....	151	24	129	122	114	105	95	96	+1.1
Total.....	135	61	135	133	118	126	130	120	-7.7
MANUFACTURING:									
<i>Foodstuffs—</i>									
Meats.....	137	75	113	112	110	104	114	109	-4.4
Wheat flour.....	126	64	81	75	95	86	88	84	-4.5
Sugar.....	178	40	146	122	142	131	133	144	+8.3
Ice cream.....	260	41	177	262	83	114	184	252	+37.0
Butter.....	207	64	186	219	126	153	183	213	+16.4
Cheese.....	169	41	129	163	85	106	132	148	+12.1
Condensed milk.....	130	20	140	159	116	125	145	160	+10.3
Glucose and starch.....	145	38	112	98	145	119	93	104	+11.8
Oleomargarine.....	122	29	56	46	73	72	67	64	-4.5
Rice.....	233	35	92	57	134	77	50	22	-56.0
Total.....	116	77	116	121	109	111	124	130	+4.8
<i>Textiles—</i>									
Cotton (consumption).....	127	60	126	110	98	97	84	71	-15.5
Wool (consumption).....	138	42	130	114	104	96	79	73	-7.6
Total.....	130	54	127	112	100	97	82	72	-12.2
<i>Iron and steel—</i>									
Pig iron.....	152	34	152	144	135	127	103	80	-22.3
Steel ingots.....	149	33	150	134	149	118	94	73	-22.3
Locomotives.....	150	9	107	104	59	33	50	65	+30.0
Total.....	147	32	148	134	142	115	92	74	-19.6
<i>Lumber—</i>									
Lumber.....	135	59	133	132	122	126	127	116	-8.7
Flooring.....	232	51	232	223	212	218	229	229	0.0
Total.....	150	57	150	148	138	142	146	137	-6.2
<i>Leather—</i>									
Sole leather.....	95	59	89	87	64	63	61	59	-3.3
Boots and shoes.....	130	82	112	102	105	101	91	84	-7.7
Total.....	115	63	103	96	89	86	79	74	-6.3
<i>Paper and printing—</i>									
Total.....	121	69	121	117	104	112	117	105	-10.3
<i>Chemicals, etc.—</i>									
Coke.....	141	40	140	134	124	111	141	80	-43.3
Petroleum products.....	183	96	154	153	175	176	182	183	+0.5
Cottonseed oil*.....	188	4	17	9	58	38	23	15	-46.4
Turpentine and rosin*.....	269	21	205	230	48	104	215	224	+4.2
Wood distillation.....	118	21	105	97	98	89	79	74	-6.3
Total.....	157	92	136	135	141	141	154	144	-6.5
<i>Stone, clay, and glass—</i>									
Brick.....	124	53	100	94	99	97	92	79	-14.1
Cement*.....	206	61	193	185	155	175	206	202	-1.9
Total.....	139	69	139	132	123	129	139	130	-6.5
<i>Metals, excepting iron and steel—</i>									
Copper smelting and refining.....	126	23	97	93	98	100	103	98	-4.9
Zinc smelting and refining.....	130	38	124	112	125	118	125	114	-8.8
Enamel ware.....	314	86	227	212	314	270	255	222	-12.9
Lead.....	167	79	145	147	153	143	157	164	+5.5
Total.....	195	71	153	150	195	176	174	157	-9.8
<i>Tobacco—</i>									
Manufactured tobacco and snuff.....	119	50	103	101	99	93	99	-----	-----
Cigars.....	128	75	98	100	88	85	94	-----	-----
Cigarettes.....	147	64	126	132	119	120	144	-----	-----
Total.....	125	70	109	113	102	100	114	116	+2.8
<i>Miscellaneous—</i>									
Shipbuilding.....	79	1	4	15	6	10	8	7	-12.5
Automobiles.....	239	29	240	230	233	227	190	149	-21.6
Rubber tires.....	221	20	221	149	171	173	165	165	0.0
Prepared roofing.....	163	58	137	120	123	113	120	114	-5.1
Total.....	145	37	146	128	132	131	115	99	-13.9
Grand total, 64 commodities.....	133	68	135	126	123	118	113	102	-9.7
ELECTRICAL POWER.....	154	98	143	139	154	146	148	141	-4.7
BUILDING CONSTRUCTION (total)*.....	147	30	129	99	147	136	124	103	-16.9

*Subject to revision.

*Fluctuations between maximum and minimum largely due to seasonal variations.

INDEXES OF BUSINESS—Continued

EXPLANATION <i>All index numbers are relative to 1919 as 100, except prices which are relative to 1913, and unfilled orders, which are relative to 1920.</i>	Maximum since Jan. 1, 1920	Minimum since Jan. 1, 1920	1923		1924				Per cent increase (+) or decrease (-) June from May
			May	June	March	April	May	June	
STOCKS									
(Corrected for seasonal variation)									
Total.....	148	91	111	115	136	136	143	134	-6.3
Raw foodstuffs.....	233	73	143	146	169	164	185	157	-15.1
Raw materials for manufacture.....	189	89	93	95	111	110	105	97	-7.6
Manufactured foodstuffs.....	115	58	79	88	79	86	86	87	+1.2
Manufactured commodities.....	164	86	117	121	161	163	169	167	-1.2
(Unadjusted index)									
Total.....	152	84	104	103	147	135	129	126	-2.3
Raw foodstuffs.....	232	70	130	110	212	176	154	137	-11.0
Raw materials for manufacture.....	175	68	83	82	104	97	91	84	-7.7
Manufactured foodstuffs.....	115	56	73	86	75	73	74	87	+17.6
Manufactured commodities.....	166	89	116	121	164	165	168	167	-0.6
UNFILLED ORDERS									
Iron, steel, and building materials									
Total (8 commodities; 1920=100).....	116	40	87	77	61	54	47	44	-6.4
WHOLESALE TRADE									
(Distributed by Federal reserve districts)									
Grand total, all classes.....	98	62	81	84	79	77	76	75	-1.3
Hardware, total 10 districts.....	117	58	118	114	101	106	102	95	-6.9
New York.....	¹ 115	¹ 54	114	109	107	108	105	92	-12.4
Richmond.....	¹ 116	¹ 58	107	95	93	98	91	78	-14.3
Chicago.....	¹ 120	¹ 52	118	120	94	110	98	94	-4.1
San Francisco.....	¹ 125	¹ 72	125	125	115	107	111	103	-7.2
Shoes, total 6 districts.....	78	39	68	64	66	68	55	48	-12.7
New York.....	¹ 82	¹ 40	61	56	70	73	50	52	+4.0
Richmond.....	¹ 99	¹ 31	86	61	64	65	62	42	-32.3
Chicago.....	¹ 101	¹ 37	56	65	51	62	43	35	-18.6
San Francisco.....	¹ 98	¹ 47	86	81	80	72	78	66	-15.4
Groceries, total 10 districts.....	99	62	81	88	79	78	80	81	+1.2
New York.....	¹ 103	¹ 60	77	83	79	74	76	73	-3.9
Richmond.....	¹ 97	¹ 62	82	80	80	80	83	79	-4.8
Chicago.....	¹ 84	¹ 56	72	84	66	66	67	73	+9.0
San Francisco.....	¹ 124	¹ 77	97	108	91	94	92	101	+9.8
Drugs, total 7 districts.....	129	88	107	107	118	115	111	106	-4.5
New York.....	¹ 135	¹ 85	111	111	135	126	125	120	-4.0
Richmond.....	¹ 117	¹ 75	97	94	106	101	98	92	-6.1
Chicago.....	¹ 112	¹ 74	102	101	101	101	97	92	-5.2
San Francisco.....	¹ 161	¹ 99	127	125	144	145	135	131	-3.0
Dry goods, total 9 districts.....	123	64	83	88	90	81	73	70	-4.1
New York.....	¹ 135	¹ 71	83	109	103	85	78	78	0.0
Richmond.....	¹ 119	¹ 45	65	71	69	63	53	49	-7.5
Chicago.....	¹ 131	¹ 53	85	88	89	83	72	71	-1.4
San Francisco.....	¹ 136	¹ 67	106	95	103	92	92	83	-9.8
Meats, total 2 districts.....	73	43	64	65	62	61	64	65	+1.6
RETAIL TRADE									
(Value)									
MAIL-ORDER HOUSES (4 houses).....	134	49	98	86	106	114	90	89	-1.1
CHAIN STORES:									
Ten-cent (5 chains).....	331	84	154	154	163	178	174	162	-6.9
Music (4 chains).....	214	55	100	97	99	88	82	75	-8.5
Grocery (28 chains).....	205	119	189	183	197	208	211	196	-7.1
Drug (10 chains).....	185	109	142	149	149	145	150	146	-2.7
Cigar (3 chains).....	192	106	136	136	136	130	143	131	-8.4
Candy (4 chains).....	76	261	170	176	181	208	189	176	-1.1
Shoe (6 chains).....	171	72	124	136	118	153	130	132	+1.5
DEPARTMENT STORES:									
Sales (333 stores).....	202	80	128	127	115	132	126	120	-4.8
Stocks (286 stores).....	154	101	129	122	138	140	134	127	-5.2

¹ Maximum and minimum monthly indexes for the individual districts were selected from the series beginning January, 1921, and hence are not to be compared with the fluctuations in the group totals which cover the period since January, 1920.

INDEXES OF BUSINESS—Continued

EXPLANATION <i>All index numbers are relative to 1919 as 100, except prices which are relative to 1913, and unfilled orders, which are relative to 1920.</i>	Maximum since Jan. 1, 1920	Minimum since Jan. 1, 1920	1923		1924				Per cent increase (+) or decrease (-), June from May
			May	June	March	April	May	June	
PRICE INDEX NUMBERS									
(All price index numbers relative to 1913)									
FARM PRICES:									
Crops (15th of month).....	309	97	140	139	138	140	139	142	+2.2
Livestock (15th of month).....	181	91	105	100	100	102	103	102	-1.0
WHOLESALE PRICES:									
<i>Department of Labor—</i>									
Farm products.....	243	114	139	138	137	139	136	134	-1.5
Food, etc.....	248	131	144	142	141	137	137	136	-0.7
Cloths and clothing.....	346	171	201	198	191	189	187	188	+0.5
Fuel and lighting.....	281	178	190	186	181	179	177	175	-1.1
Metals and metal products.....	203	109	152	148	144	139	134	132	-1.5
Building material.....	300	155	202	194	182	182	180	173	-3.9
Chemicals.....	213	121	134	131	130	128	127	127	0.0
House-furnishing goods.....	275	173	187	187	175	175	173	172	-0.6
Miscellaneous.....	208	114	125	123	113	113	112	111	-0.8
All commodities.....	248	138	156	153	150	148	147	145	-1.4
<i>Federal Reserve Board (Department of Labor prices)—</i>									
Total raw products.....	249	135	161	158	154	154	152	147	-3.3
Agricultural products.....	311	122	167	165	165	166	168	165	-1.8
Animal products.....	218	103	122	119	118	119	115	109	-5.2
Forest products.....	375	152	226	215	194	195	195	182	-4.7
Mineral products.....	272	168	189	184	179	174	171	168	-1.8
Producers' goods.....	244	118	148	144	137	135	133	130	-2.3
Consumers' goods.....	249	146	156	155	153	151	150	150	0.0
All commodities.....	247	138	156	153	150	148	147	145	-1.4
<i>Federal Reserve Board Index—</i>									
Goods imported.....	246	102	155	148	145	140	133	129	-3.0
Goods exported.....	272	125	179	182	179	182	183	179	-2.2
All commodities.....	267	142	167	164	160	158	156	154	-1.3
Dun's (1st of following mo.).....	218	134	158	156	154	153	152	153	+0.7
Bradstreet's (1st of following month).....	227	115	145	142	137	136	133	133	0.0
RETAIL PRICES, FOOD.....	219	139	143	144	144	141	141	142	+0.7
COST OF LIVING, National Industrial Conference Board:									
Food.....	219	139	143	144	144	141	141	142	+0.7
Shelter.....	185	143	172	172	185	185	185	185	0.0
Clothing.....	288	153	174	169	176	177	176	174	-1.1
Fuel and light.....	200	149	178	178	172	168	165	165	0.0
Sundries.....	192	171	173	173	174	174	174	174	0.0
All items weighted.....	205	155	160	160	163	162	161	162	+0.6
FOREIGN WHOLESALE PRICES:									
<i>United Kingdom—</i>									
British Board Trade.....	333	154	160	159	165	165	164	163	-0.6
London Economist.....	310	155	164	160	172	172	168	168	0.0
U. S. Fed. Res. Bd.....	340	163	173	171	180	181	177	174	-1.7
<i>France—</i>									
Gen. Stat. Bureau.....	588	306	407	409	499	450	459	465	+1.3
U. S. Fed. Res. Bd.....	537	283	386	394	483	428	428	442	+3.3
<i>Italy (Bachi).....</i>									
Sweden.....	670	504	580	568	579	579	571	571	-1.3
Switzerland.....	326	152	158	160	154	156	151	149	-2.8
<i>Canada—</i>									
Canadian Dept. Labor.....	263	162	169	167	166	164	163	164	+0.6
U. S. Fed. Res. Bd.....	279	143	155	153	147	143	143	145	+1.4
Australia.....	236	146	170	178	167	166	165	163	-1.2
India (Calcutta).....	218	170	177	175	179	174	176	176	0.0
<i>Japan—</i>									
Bank of Japan.....	321	183	199	198	206	207	205	199	-2.9
U. S. Fed. Res. Bd.....	313	171	187	186	200	201	200	189	-5.5

¹ January, 1920; no other figures for 1920 available.² Since January, 1921.

TREND OF BUSINESS MOVEMENTS

The following table contains a summary of the monthly figures, designed to show the trend in important industrial and commercial movements. The numerical data for the latest months are given and in addition relative numbers for the last four months and for two corresponding months of a year ago. In many lines the figures do not lend themselves readily to statistical uniformity, due to lateness of their publication or publication at other than monthly intervals; therefore the following explanations of the various headings are offered to make clear such distinctions and in general to facilitate the use of the table:

May, 1924.—This column gives the May figures corresponding to those for June shown in the next column—in other words, cover the previous month.

June, 1924.—In this column are given the figures covering the month of June, or, as in the case of stocks, etc., the situation on June 30 or July 1.

Corresponding month, May, 1923, or June, 1923.—The figures in this column present the situation exactly a year previous to those in the "May, 1924," column (that is, generally June, 1923), but where no figures are available for June, 1924, the May, 1923, figures have been inserted in this column for comparison with the May, 1924, figures.

Cumulative total from January 1 through latest month.—These columns set forth, for those items that properly can be cumulated, the cumulative totals for the six months ending June, 1923 and 1924, respectively, except where the June, 1924, figures are lacking, in which case the cumulative totals for the first five months of 1923 and 1924 are given.

Percentage increase (+) or decrease (-) cumulative, 1924 from 1923.—This column shows the per cent by which the cumulated total for the six months ending June, 1924, is greater (+) or less (-) than the total for the corresponding period ended June, 1923.

Base year or period.—For purposes of comparison with a previous more or less normal period, all items, so far as possible, are related to such a period by relative numbers. The period taken for each item, called the base, is the monthly average of the year or period stated in this column. Wherever possible, the year 1913 is taken as a base, and if no pre-war figures are available, 1919 is usually taken to avoid using a war year as a basis. In some cases it will be noted that figures were not available prior to 1920 or even 1921, and that sometimes a month, or an average of a few months, has to be used rather than a year's average. Also, for some industries, 1919 would not be a proper base on account of extraordinary conditions in the industry and therefore some more representative year has been chosen.

Relative numbers.—In order to visualize the trend of each movement, relative numbers (see explanation on inside front cover) are given for the last four months and for two corresponding months of a year ago. These relative numbers are computed by allowing the monthly average for the base period, usually 1913 or 1919, to equal 100. If the movement for a current month is greater than the base the relative number will be greater than 100. If the converse is true the relative number will be less than 100. The difference between 100 and any relative number gives at once the per cent increase or decrease compared with the base period. Relative numbers may also be used to compute the approximate per cent increase or decrease from one month to the next.

Percentage increase (+) or decrease (-) June from May, and June, 1924, from June, 1923.—The last two columns show the per cent increase or decrease of the figure for the last month compared with the preceding month and the corresponding month last year.

NOTE.—Detailed tables displaying complete data for the period January, 1922, to June, 1924, covering all items are given in this number. Consult index at end of bulletin. In many cases July figures are now available and may be found in the special table on page 31	NUMERICAL DATA					Per cent. increase (+) or decrease (-) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per cent. increase (+) or decrease (-)	
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		June from May	June, 1924, from June, 1923		
	May	June		1923	1924			May	June	Mar.	Apr.			May	June
TEXTILES															
Wool															
Receipts at Boston:															
Domestic.....thous. of lbs.	11,567	25,918	22,144	62,859	76,873	+22.2	1913	79	164	92	74	84	132	+122.0	+17.0
Foreign.....thous. of lbs.	7,651	2,207	22,259	215,084	73,433	-70.1	1913	811	422	486	132	145	42	-71.2	-93.1
Total.....thous. of lbs.	19,218	28,125	44,403	208,573	150,306	-51.3	1913	285	237	202	90	101	150	+47.9	-36.7
Imports, unmanufactured.....thous. of lbs.	18,916	16,307	30,129	331,479	176,101	-46.9	1913	373	238	325	233	150	130	-13.3	-45.6
Consumption by textile mills, grease equivalent.....thous. of lbs.	36,597	30,972	52,619	352,865	263,948	-25.2	1921	135	119	106	161	83	70	-15.2	-41.2
Machinery activity hourly:															
Looms, wide.....per ct. of hours active	68.1	61.6	90.1				1921	133	131	161	95	99	90	-0.1	-31.3
Looms, narrow.....per ct. of hours active	61.9	56.7	83.0				1921	132	130	101	82	97	89	-8.2	-31.5
Looms, carpet and rug.....per ct. of hours active	54.0	48.9	85.0				1921	167	166	142	125	105	95	-9.5	-42.8
Sets of cards.....per ct. of hours active	89.2	84.5	105.4				1921	142	147	135	127	125	118	-5.6	-19.7
Combs.....per ct. of hours active	61.1	52.6	102.6				1921	126	115	102	87	69	59	-14.5	-48.7
Spinning spindles—															
Woolen.....per ct. of hours active	82.7	79.0	92.6				1921	139	129	128	123	115	110	-4.3	-14.7
Worsted.....per ct. of hours active	56.7	48.1	95.1				1921	126	116	90	82	69	59	-14.5	-49.1
Machinery activity (percentage of total):															
Woolen															
spindles.....per ct. of active to total	79	78	87				1913	117	113	109	106	103	101	-1.9	-10.6
Worsted															
spindles.....per ct. of active to total	65	58	90				1913	127	122	105	97	88	78	-11.4	-36.1
Wide looms.....per ct. of active to total	69	66	84				1913	118	114	97	116	93	89	-4.3	-21.9
Narrow looms.....per ct. of active to total	78	73	84				1913	116	115	110	108	107	100	-6.5	-13.0
Carpet looms.....per ct. of active to total	65	64	88				1913	128	129	121	109	96	94	-2.1	-27.1
Prices:															
Raw, Ohio,															
½ blood, unwashed.....dolls. per lb.	.49	.44	.53				1913	212	212	216	212	196	176	-10.2	-17.0
Raw, territory fine,															
scoured.....dolls. per lb.	1.33	1.28	1.50				1913	268	263	247	239	233	225	-3.8	-14.7
Worsted yarn.....dolls. per lb.	1.650	1.600	1.800				1913	232	232	212	212	212	206	-3.0	-11.1
Wool, dress goods.....dolls. per yd.	1.035	1.035	1.035				1913	184	181	184	184	184	184	0.0	0.0
Men's suitings.....dolls. per yd.	3.690	3.600	3.690				1913	239	239	219	239	239	233	-2.4	-2.4
Stocks (reported quarterly), grease equivalent:															
Total.....thous. of lbs.	371,158	410,381	531,699				1920	95	100	70			78	+10.6	-22.8
Held by manufacturers.....thous. of lbs.	213,129	207,111	263,113				1920	157	143	116			113	-2.8	-21.3
Held by dealers.....thous. of lbs.	158,029	203,270	268,586				1920	62	78	46			59	+28.6	-24.3

¹ Overtime was reported sufficient to offset all idle hours and leave an excess.

² Quarter ending March 31.

³ Twelve months' average, July to June, inclusive, ending the year indicated.

TREND OF BUSINESS MOVEMENTS—Continued

NOTE.—Detailed tables displaying complete data for the period January, 1922, to June, 1924, covering all items are given in this number. Consult index at end of bulletin. In many cases July figures are now available and may be found in the special table on page 31.	NUMERICAL DATA					Per ct. increase (+) or decrease (-) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per cent increase (+) or decrease (-)	
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924				June from May	June, 1924, from June, 1923
	May	June		1923	1924			May	June	Mar.	Apr.	May	June		
TEXTILES—Continued															
Cotton															
Receipts into sight.....thous. of bales	406	220	275	2,690	2,717	+1.0	1913	31	23	31	34	34	18	-45.8	-20.0
Imports, unmanufactured.....bales	16,107	13,641	13,367	298,994	216,310	-27.7	1913	116	66	245	199	79	67	-15.3	+2.0
Exports, unmanufactured (including linters).....bales	326,357	230,979	214,851	1,786,506	2,238,677	+25.3	1913	32	30	46	44	45	32	-29.2	+7.5
Consumption by textile mills.....bales	413,649	350,277	542,026	3,540,769	2,812,384	-20.6	1913	133	116	104	103	89	75	-15.3	-35.4
Stocks, end of month:															
Total at mills and															
warehouses.....thous. of bales	2,285	1,833	2,574				1913	104	83	113	92	74	59	-19.8	-28.8
Mills.....thous. of bales	1,158	951	1,347				1913	120	99	110	98	85	70	-17.9	-29.4
Warehouses.....thous. of bales	1,127	882	1,227				1913	92	71	115	88	65	51	-21.7	-28.1
World visible,															
American.....thous. of bales	1,541	1,223	1,109				1913	46	36	76	59	50	40	-20.6	+10.3
Cotton finishing:															
Orders received; gray yardage—															
White goods.....thous. of yds.	25,935	20,899	26,391	205,089	172,803	-15.7	1921	86	78	95	90	77	62	-19.4	-20.8
Dyed goods.....thous. of yds.	28,000	24,154	30,248	245,267	191,346	-22.0	1921	114	103	109	122	96	82	-13.7	-20.1
Printed goods.....thous. of yds.	5,952	6,852	8,539	78,655	47,142	-40.1	1921	59	55	53	53	38	44	+15.1	-19.8
Total.....thous. of yds.	65,610	55,955	74,146	588,105	450,963	-23.3	1921	89	82	89	89	73	62	-14.7	-24.5
Billings, finished goods (as produced)—															
White goods.....thous. of yds.	27,928	24,126	30,974	215,400	185,801	-13.7	1921	104	95	105	91	86	74	-13.6	-22.1
Dyed goods.....thous. of yds.	30,483	26,723	38,739	239,232	188,549	-21.1	1921	167	146	120	116	115	101	-12.3	-31.0
Printed goods.....thous. of yds.	7,568	6,660	9,955	88,665	49,714	-43.9	1921	102	76	66	75	58	51	-12.0	-33.1
Total.....thous. of yds.	76,574	64,781	90,302	620,986	484,788	-21.9	1921	122	106	100	93	90	76	-15.4	-28.3
Shipments, finished goods—															
White goods.....cases	14,474	11,745	14,009	102,558	99,862	-2.6	1921	113	91	118	107	93	76	-18.9	-16.5
Dyed goods.....cases	7,616	6,977	7,964	64,368	48,809	-24.2	1921	116	101	103	103	96	88	-8.4	-12.4
Printed goods.....cases	1,365	1,243	2,075	13,800	9,660	-30.0	1921	82	71	68	57	47	43	-8.9	-40.1
Total.....cases	39,035	33,397	41,588	318,557	263,218	-17.4	1921	115	93	103	94	87	74	-14.4	-19.7
Stocks, finished goods—															
White goods.....cases	10,734	10,764	10,090				1921	139	138	141	148	147	147	+0.3	+6.7
Dyed goods.....cases	8,429	8,069	7,610				1921	169	195	210	227	216	207	-4.3	+6.0
Printed goods.....cases	2,381	2,522	3,170				1921	98	106	74	77	80	84	+5.9	-20.4
Total.....cases	43,395	43,586	48,155				1921	123	133	121	124	120	120	+0.4	-9.5
Operating activity.....per ct. of capacity	52	46	61				1921	114	91	97	95	80	71	-11.2	-24.5
Machinery activity of spindles:															
Active spindles.....thousands	30,493	29,216	34,856				1913	116	114	106	104	100	96	-4.2	-16.2
Hourly activity, total.....millions of hours	5,908	5,336	8,385				1922	121	109	92	88	76	69	-9.7	-26.4
Hourly activity per spindle.....hours	156	141	224				1922	119	107	89	86	75	67	-9.6	-37.1
Per cent of capacity.....per cent	67.5	64.6	98.7											-4.3	-34.5
Manufactured goods:															
Cotton cloth exports.....thous. of sq. yds.	44,763	39,349	35,066	240,671	204,588	-15.0	1913	98	95	82	88	121	106	-12.1	+12.2
Fabric consumption															
by tire manufacturers.....thous. of lbs.	11,903	10,667	10,085	71,910	69,417	-3.5	1921	192	151	179	183	178	150	-15.4	-0.2
Elastic webbing sales.....thous. of yds.	10,515	8,620	15,101	93,177	61,697	-30.6	1919	111	103	84	78	71	59	-18.0	-42.9
Fine cotton goods:															
Production.....pieces	190,337	284,726	458,605	2,671,787	2,125,061	-20.5	1919	128	120	110	93	50	74	+49.6	-37.9
Sales.....pieces	127,819	215,566	265,850	2,042,600	1,211,631	-40.7	1919	41	60	45	50	29	48	+68.6	-18.9
Prices:															
Raw cotton to producer ⁵.....dolls. per lb.	.281	.278	.262				1913	213	218	231	239	234	232	-1.1	+6.1
Raw cotton, New York.....dolls. per lb.	.316	.300	.294				1913	216	222	223	234	217	235	-5.1	+5.6
Cotton yarn.....dolls. per lb.	.475	.474	.458				1913	190	155	195	192	192	191	-0.2	+3.5
Print cloth.....dolls. per yd.	.066	.068	.070				1913	212	203	192	192	192	188	+3.0	-2.9
Sheeting.....dolls. per yd.	.108	.108	.119				1913	202	194	196	180	177	177	0.0	-9.2
Clothing															
Men's and boys' garment cut:															
Men's suits, wool.....number	458,099	535,057	692,419											+16.8	-22.7
Men's suits, other.....number	71,839	38,859	84,853											-48.0	-34.2
Men's separate trousers, wool.....number	417,085	419,339	651,628											+0.5	-35.6
Men's separate trousers, other.....number	353,279	232,575	339,659											-34.2	-31.5
Men's overcoats.....number	212,207	263,637	336,848											+24.2	-21.7
Boys' suits and separate pants.....number	477,986	476,250	700,542											-0.4	-37.4
Boys' overcoats and reefers.....number	52,633	72,332	83,466											+37.4	-13.3
Work clothing:															
Cut.....dozens	125,214	107,122	148,982											-14.4	-28.1
Sales.....dozens	124,782	123,995	137,102											-0.6	-9.6
Cancellations.....dozens	2,345	2,383	3,858											+1.6	-28.2
Stocks, end of the month.....dozens	288,361	265,685	175,982											-7.9	+51.0
Knit underwear:															
Production.....dozens	707,400		^b 758,700	3,383,100	3,705,300	+9.5	1920	128	124	132	124	120			
Orders received.....dozens	581,400		^b 442,800	3,037,500	2,405,700	-17.5	1920	439	375	271	360	576			
Shipments.....dozens	528,300		^b 644,400	3,852,000	3,171,600	-17.7	1920	140	145	140	120	115			
Cancellations.....dozens	41,400		^b 15,300	70,200	30,900	-29.5	1920	31	32	31	34	83			
Unfilled orders, end of month.....thous. of dozens	1,855		^b 1,937				1920	386	348	368	305	369			
Raw Silk															
Imports.....thous. of lbs.	4,313	3,616	3,945	29,909	24,570	-17.0	1913	172	138	97	154	151	127	-16.2	-8.3
Deliveries (consumption).....bales	28,272	23,164	27,824	194,952	166,693	-14.5	1920	137	156	149	146	159	130	-18.1	-16.7
Stocks, end of month.....bales	27,074	24,843	25,865				1920	58	50	59	50	53	48	-8.2	-4.0
Price, Japanese, New York.....dolls. per lb.	4,802	4,998	7,693				1913	232	211	171	155	132	137	+4.1	-35.0

^b May, 1923.^c Twelve months' average, July to June, inclusive, ending the year indicated.^d Eleven months' average, January to November, inclusive.^e As of the 15th of the month since December, 1923; prior to that time reported as of the 1st of the month.^f Relative to 6 months' average, July to December, inclusive.^g Relative to 11 months' average, February to December, inclusive.

TREND OF BUSINESS MOVEMENTS—Continued

NOTE.—Detailed tables displaying complete data for the period January, 1922, to June, 1924, covering all items are given in this number. Consult index at end of bulletin. In many cases July figures are now available and may be found in the special table on page 31.	NUMERICAL DATA					Per ct. increase (+) or decrease (-) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per cent increase (+) or decrease (-)		
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924				June from May	June, 1924, from June, 1923	
	May	June		1923	1924			May	June	Mar.	Apr.	May	June			
TEXTILES—Continued																
Burlap and Fiber																
Imports:																
Burlap.....thous. of lbs.	51,468	41,817	48,938	324,056	327,676	+1.1	1909-13	171	144	129	227	152	123	-18.8	-14.6	
Fiber (unmanufactured).....long tons.	21,846	23,498	18,149	179,979	155,552	-13.6	1909-13	99	63	87	123	76	82	+7.6	+29.5	
Pyroxylin Coated Textiles																
Pyroxylin spread.....thous. of lbs.	2,104	1,471	2,104											-30.1	-30.1	
Shipments billed:																
Light goods.....linear yds.	529,959	613,506	633,957											+15.8	-3.2	
Heavy goods.....linear yds.	993,919	654,036	1,393,018											-34.2	-53.0	
Unfilled orders, end of month:																
Light goods.....linear yds.	397,225	317,046	358,477											-20.2	-11.6	
Heavy goods.....linear yds.	871,848	771,802	1,771,457											-11.5	-56.4	
METALS																
Iron Ore and Pig Iron																
Iron ore:																
Stocks—																
Total.....thous. of tons.	21,608	26,410	22,800				1919	62	75	79	64	71	87	+22.2	+15.8	
At furnaces.....thous. of tons.	16,717	21,102	18,288				1919	66	82	81	66	75	95	+26.2	+15.4	
On Lake Erie docks.....thous. of tons.	4,891	5,308	4,512				1913	58	60	81	64	65	70	+8.5	+17.6	
Consumption.....thous. of tons.	3,830	2,793	5,816	32,661	26,234	-19.5	1919	152	145	132	121	95	69	-27.1	-52.0	
Shipments from mines—																
Through Sault																
Ste. Marie.....thous. of short tons.	6,630	7,890	9,223	15,304	14,695	-4.0	1913	76	115		2	83	98	+19.0	-14.5	
Through upper lake ports.....thous. of short tons.	6,518	7,584	9,500	16,186	14,761	-8.8	1913	81	116		8	80	93	+16.4	-20.2	
Receipts—																
Lake Erie ports and furnaces.....thous. of long tons.	4,358	5,421	7,173	11,437	9,823	-14.1	1913	66	111		1	67	84	+24.4	-24.4	
Other ports.....thous. of long tons.	1,869	2,009	2,245	3,471	3,961	+14.1	1913	74	136		5	113	122	+7.5	-10.5	
Pig iron production.....thous. of long tons.	2,615	2,026	3,676	20,842	17,414	-16.4	1913	151	144	135	126	102	79	-22.5	-44.9	
Furnaces in blast:																
Furnaces.....number.	184	164	323				1913	119	120	100	86	68	61	-10.9	-49.2	
Capacity.....long tons per day.	7,300	65,200	122,555				1913	149	146	134	115	92	78	-15.7	-46.8	
Merchant pig iron:																
Production.....thous. of long tons.	396	313	573	3,105	3,481	-20.1	1914	158	151	123	120	105	83	-21.0	-45.4	
Sales.....thous. of long tons.	165	391	170	2,631	1,796	-31.7	1914	39	51	53	30	50	119	+137.0	+130.0	
Shipments.....thous. of long tons.	329	288	455	2,871	2,316	-18.3	1914	155	137	142	119	99	81	-18.5	-41.1	
Unfilled orders.....thous. of long tons.	607	763	1,030				1914	96	79	75	56	46	58	+25.7	-25.9	
Stock, merchant furnaces.....thous. of long tons.	1,010	1,044	463				1914	45	61	116	124	133	137	+3.4	+125.5	
Stock, steel plants.....thous. of long tons.	199	215	98				1921	36	52	71	89	106	114	+8.0	+119.4	
Wholesale prices:																
Foundry No. 2,																
Northern.....dolls. per long ton.	22.51	21.51	29.65				1913	200	185	155	147	141	134	-4.4	-27.5	
Basic Valley furnace.....dolls. per long ton.	20.50	19.63	27.38				1913	197	186	149	147	139	134	-4.2	-28.3	
Composite pig iron.....dolls. per long ton.	22.57	21.20	29.11				1913	200	189	155	152	146	137	-6.1	-27.2	
Ohio gray-iron foundries:																
Meltings.....long tons.	22,586	20,251	24,091	127,883	133,295	+4.2	1922	190	198	192	193	185	166	-10.3	-15.9	
Meltings.....per cent of normal.	7,500	7,200	81.27				1922	157	157	154	144	145	139	-4.1	-11.5	
Stocks.....long tons.	24,806	24,586	20,366				1922	105	118	115	123	111	110	-0.9	-6.8	
Receipts.....long tons.	13,298	14,583	15,570	112,734	95,633	-15.2	1922	194	189	212	194	162	177	+9.7	-6.3	
Malleable castings:																
Production.....tons.	43,218	29,954	63,298											-30.7	-52.7	
Shipments.....tons.	46,685	33,766	62,888											-27.7	-36.3	
Orders booked.....tons.	20,866	19,985	39,814											-25.6	-49.8	
Operating activity.....per ct. of capacity.	46.0	32.1	66.7											-30.2	-51.9	
Crude Steel																
Steel ingots, production.....thous. of long tons.	2,628	2,056	3,767	23,327	19,649	-15.8	1913	167	149	166	132	104	81	-21.8	-45.4	
Steel castings:																
Total bookings.....short tons.	56,581	48,718	88,306	613,837	398,163	-35.1	1913	183	175	199	134	112	97	-13.9	-44.8	
Railway specialties.....short tons.	28,064	26,170	43,478	288,186	202,209	-29.8	1913	167	153	252	140	118	110	-6.7	-39.8	
Miscellaneous bookings.....short tons.	28,517	22,548	44,828	325,651	195,954	-39.8	1913	197	168	152	130	107	84	-20.9	-49.7	
Unfilled orders, U. S. Steel Corp., end of month.....thous. of long tons.	3,628	3,263	6,386				1913	118	108	81	71	61	55	-10.1	-48.9	
Exports (comparable).....thous. of long tons.	129	118	134	783	810	+3.4	1913	69	59	46	46	56	51	-8.5	-11.9	
Exports (total).....thous. of long tons.	155	165	173	982	993	+1.1	1922	123	103	74	79	93	99	+6.5	-4.6	
Imports.....thous. of long tons.	47	63	66	508	214	-52.0	1913	281	250	137	165	178	201	+12.8	-19.7	
Sheets, blue, black, and galvanized:																
Production (actual).....short tons.	176,582	114,807	218,432	1,511,160	1,353,371	-10.4	1920	152	127	163	136	103	67	-35.0	-47.4	
Production.....per ct. of capacity.	59.6	40.9	70.9				1920	122	110	133	109	82	56	-31.7	-49.1	
Shipments.....short tons.	196,254	141,176	233,128	1,518,098	1,314,413	-13.4	1920	162	135	152	137	114	82	-28.1	-39.4	
Sales.....short tons.	126,487	108,693	172,637	1,430,377	1,093,433	-23.6	1920	172	123	179	130	90	77	-14.1	-37.0	
Unfilled orders.....short tons.	294,774	246,810	503,175				1920	80	73	61	53	43	36	-16.3	-50.9	
Stocks—																
Total.....short tons.	89,548	128,241	145,470				1920	127	130	113	83	80	115	+43.2	11.8	
Unsold.....short tons.	43,319	45,776	29,827				1920	419	534	785	876	775	819	+8.7	+53.5	
Wholesale prices:																
Steel billets, Bessemer.....dolls. per long ton.	38.50	38.00	42.63				1913	173	165	155	155	149	147	-1.3	-10.9	
Iron and steel.....dolls. per long ton.	41.38	40.61	46.46				1913	181	177	161	161	157	154	-1.9	-12.6	
Composite steel.....dolls. per 100 lbs.	2.86	2.84	3.03				1913	176	176	174	171	166	165	-0.7	-6.3	
Composite finished steel.....dolls. per 100 lbs.	2.64	2.61	2.79				1913	168	168	166	162	159	157	-1.1	-6.5	
Structural steel beams.....dolls. per 100 lbs.	2.40	2.30	2.60				1913	174	169	166	162	157	151	-4.2	-11.5	

* Twelve months' average, June, 1919, to May, 1920.

TREND OF BUSINESS MOVEMENTS—Continued

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	NUMERICAL DATA					Per ct. increase (+) or decrease (-) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per ct. increase or decrease	
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924					
	May	June		1923	1924			May	June	Mar.	Apr.	May	June		
METALS—Continued															
Iron and Steel Products															
Locomotives:															
Shipments—															
Total.....	number	111	145	232	1,405	711	-49.4	1913	78	76	43	24	36	47	+30.6
Domestic.....	number	93	134	221	1,332	657	-50.7	1920	207	201	116	57	85	122	+44.1
Foreign.....	number	18	11	11	73	54	-26.0	1920	11	12	4	11	20	12	-38.9
Unfilled orders—															
Total.....	number	643	531	1,958				1920	163	148	40	48	49	40	-17.4
Domestic.....	number	559	462	1,854				1920	229	207	55	66	66	52	-21.6
Foreign.....	number	54	69	104				1920	24	24	9	13	13	10	+27.8
Freight cars: Orders, domestic.....	number	511	438	1,785	80,585	73,849	-8.4	1913	21	17	125	98	5	4	-14.3
Foundry equipment:															
Sales.....	dollars	314,214		^b 513,276	2,372,969	1,968,700	-17.0	1922	177	160	140	170	114		
Shipments.....	dollars	390,161		^b 453,851	2,062,125	1,922,739	-7.0	1922	179	157	132	155	152		
Unfilled orders.....	dollars	575,161		^b 698,165				1922	159	192	162	155	136		
Vessel construction:															
Completed during month—															
Total.....	gross tons	26,972	22,951	54,161	169,313	122,945	-27.4	1916	34	117	47	79	58	50	-14.9
Steel seagoing.....	gross tons	13,166	15,724	25,815	71,283	80,627	+13.1	1916	38	95	66	105	49	58	+19.4
Building or under contract, end of mo.—															
Merchant vessels.....	thous. of gross tons	173	161	172				1916	12	14	10	14	14	13	-6.9
Structural steel, fabricated:															
Sales (prorated).....	short tons	153,400	171,000	130,000	1,105,000	1,055,600	-4.5	1913	152	136	193	177	161	180	+11.9
Sales.....	per ct. of capacity	59	66	50				1913	112	100	142	130	118	132	+11.9
Shipments (prorated).....	short tons	184,600	202,800												+8.9
Shipments.....	per ct. of capacity	71	78												+8.9
Steel furniture, shipments.....	thous. of dolls.	1,505	1,271	1,402	8,807	9,294	+5.5	1919	166	154	183	183	166	140	-18.5
Machinery															
Stokers:															
Sales.....	number	64	102	135	890	545	-38.8	1919	83	58	38	38	27	44	+69.4
Sales.....	horsepower	34,447	35,549	59,710	464,415	281,137	-39.5	1919	191	113	66	91	65	67	+3.2
Agricultural pump shipments:															
Total.....	thous. of dolls.	610,487		^b 696,468	3,018,436	2,968,643	-1.6	1919	114	108	103	100			
Pitcher, hand, etc.....	number	44,716		^b 57,653	306,206	215,618	-19.8	1922	112	102	112	85			
Power pumps.....	number	3,756		^b 4,258	16,637	17,259	+3.7	1922	135	123	109	119			
Steam, power, and centrifugal pumps:															
New orders.....	thous. of dolls.	1,288	1,006	1,600	10,721	7,050	-34.2	1919	90	96	76	83	78	61	-21.9
Shipments.....	thous. of dolls.	1,304	1,315	1,587	8,645	7,303	-15.5	1919	123	123	94	101	101	102	+0.8
Unfilled orders.....	thous. of dolls.	2,704	2,369	6,378				1919	107	107	45	46	45	40	-12.4
Patents issued:															
Total, all classes.....	number	3,428	3,346	3,069	19,999	20,328	+1.6	1913	143	109	110	145	121	118	-2.4
Agricultural implements.....	number	44	45	49	325	277	-14.8	1913	76	62	61	71	56	57	+2.3
Internal-combustion engines.....	number	48	42	47	342	286	-10.4	1913	149	109	93	147	112	98	-12.5
NONFERROUS METALS															
Copper and Brass															
Copper:															
Production.....	thous. of lbs.	131,132	127,506	125,479	705,638	785,570	+11.3	1913	123	123	128	129	129	125	-2.8
Exports.....	thous. of lbs.	98,517	92,740	62,049	375,144	546,578	+45.7	1913	84	83	140	140	140	132	-5.7
Wholesale price, electrolytic.....	doll. per lb.	.128	.124	.148				1913	99	94	87	84	81	79	-3.1
Tubular plumbing sales:															
Quantity.....	number of pieces	101,433	113,426	90,320	1,432,559	1,531,816	+6.9								+11.8
Value.....	dollars	102,672	90,952	105,709	1,480,935	1,386,355	-7.7								-2.6
Lightning rods, shipments.....	thous. of ft.	695	747	1,038	3,253	2,943	-9.3	1922	124	147	67	113	69	106	+7.5
Zinc															
Retorts in operation, end of month.....	number	81,143	75,155	84,455	520,505	475,040	-8.7	1913	82	80	74	78	77	71	-7.4
Production.....	thous. of lbs.	95,332	86,884	85,680	549,088	554,948	+1.1	1913	164	148	165	156	165	150	-8.9
Stocks end of month.....	thous. of lbs.	84,728	99,368	34,346				1913	32	42	79	81	104	113	+17.3
Receipts, St. Louis.....	thous. of lbs.	20,831	14,544	24,181	137,355	129,629	-5.6	1913	91	87	95	69	75	53	-30.2
Shipments, St. Louis.....	thous. of lbs.	23,433	17,013	22,496	110,275	121,490	+10.2	1913	71	79	97	61	83	80	-27.4
Price, slab, prime western.....	doll. per lb.	.062	.062	.064				1913	121	110	118	112	106	106	0.0
Tin															
Stocks, end of month:															
United States.....	long tons	4,067	4,067	2,137				1913	162	111	93	224	211	211	0.0
World visible supply.....	long tons	19,711	20,694	21,297				1913	179	171	188	154	150	162	+1.9
Deliveries (consumption).....	long tons	5,240	4,310	5,410	37,664	35,440	-5.9	1913	165	148	125	207	143	113	-17.7
Imports.....	thous. of lbs.	11,316	9,167	10,966	82,999	84,683	+2.0	1913	118	115	82	239	115	96	-19.0
Wholesale price, pig tin.....	doll. per lb.	.439	.427	.411				1913	95	92	123	111	98	95	-2.7
Lead															
Production.....	index number							1921	155	158	163	153	168	176	+4.6
Receipts, St. Louis.....	thous. of lbs.	12,766	11,933	10,146	73,192	76,211	+4.1	1913	192	185	278	234	233	219	-6.1
Shipments, St. Louis.....	thous. of lbs.	9,728	7,781	5,387	37,668	52,893	+40.4	1913	61	62	104	127	111	89	-20.0
Wholesale price, pig, desilverized.....	doll. per lb.	.073	.071	.072				1913	168	164	211	188	166	161	-2.7
FUELS															
Coal and Coke															
Bituminous:															
Production.....	thous. of short tons	31,236	30,447	45,490	273,270	227,635	-16.7	1913	116	114	100	74	78	76	-2.5
Exports.....	thous. of long tons	1,232	1,514	2,419	9,171	7,110	-22.5	1909-13	205	230	101	86	112	138	+22.9
Prices—															
Mine average, spot.....	doll. per short ton	2.04	2.03	2.54				1913	216	207	175	168	166	165	-0.5
Wholesale, Kanawha, f. o. b. Cincinnati.....	doll. per short ton	3.39	3.39	4.14				1913	200	188	154	154	154	154	0.0
Retail, Chicago.....	doll. per short ton	7.85	7.85	8.83				1913	183	184	178	168	163	163	0.0

^b May, 1923.

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		1924		June from May	June, 1924, from June, 1923	
	May	June		1923	1924			May	June	Mar.	Apr.	May	June			
FUELS—Continued																
Coal and Coke—Continued																
Anthracite:																
Production.....thous. of short tons..	7,745	7,704	8,665	51,169	45,919	-10.3	1913	112	114	106	89	102	101	-0.5	-11.1	
Stocks, distrib. points.....thous. of long tons..	2,291	2,677	766				1921	21	29	75	79	86	100	+16.8	+249.5	
Exports.....thous. of long tons..	275	340	419	2,373	1,762	-25.7	1909-13	155	145	108	85	95	121	+26.9	-10.7	
Prices—																
Wholesale, chestnut																
New York.....dolls. per long ton..	11.06	11.16	10.62				1913	200	200	216	207	208	210	+0.9	+5.1	
Retail, chestnut																
New York.....dolls. per short ton..	13.57	13.63	13.67				1913	196	196	206	194	195	196	+0.4	-0.3	
Coke:																
Production, beehive.....thous. of short tons..	1,200	555	1,753	10,060	6,542	-35.0	1913	65	63	48	39	43	20	-53.7	-68.3	
Production, by product.....thous. of short tons..	4,002	2,403	3,166	18,866	18,708	-0.8	1913	314	299	304	281	378	227	-40.0	-24.1	
Exports.....thous. of long tons..	40	48	64	676	354	-47.6	1909-13	223	88	133	62	55	66	+20.0	-25.0	
Price, furnace,																
Connellsville.....dolls. per short ton..	3.41	3.23	5.19				1913	211	213	171	155	140	132	-5.3	-37.8	
Petroleum																
Crude petroleum:																
Production.....thous. of bbls..	61,653	59,439	62,340	339,258	352,163	+3.8	1913	299	301	288	287	298	287	-3.6	-4.7	
Stocks, end of month—																
Total (comparable).....thous. of bbls..	351,040	356,360	294,741				1913	271	281	327	331	334	339	+1.5	+20.9	
Days' supply.....number..	167	171	157				1919	126	135	140	140	144	147	+2.4	+8.9	
Tank farms and pipe lines.....thous. of bbls..	346,751	351,218	288,406											+1.3	+21.8	
Refineries.....thous. of bbls..	40,406	40,500	31,718				1919	211	212	261	265	271	271	+0.2	+27.7	
Imports.....thous. of bbls..	7,393	6,660	5,996	40,172	42,755	+6.4	1913	404	404	579	492	498	449	-9.9	+11.1	
Consumption—																
Total.....thous. of bbls..	62,447	60,090	55,117	336,595	368,909	+9.6	1913	264	253	290	283	286	276	-3.8	+9.0	
Run to stills.....thous. of bbls..	54,725	52,436	47,969	278,968	316,260	+13.4	1913	159	159	125	183	182	174	-4.2	+9.3	
Shipments from Mexico.....thous. of bbls..	12,459	11,254	11,943	72,279	72,278	0.0	1913	570	553	617	626	577	521	-9.7	-5.8	
Stocks—Mexican field.....thous. of bbls..	21,585		19,023													
Price, Kansas-Oklahoma.....dolls. per bbl..	1,735	1,550	1,450				1913	163	155	170	186	186	165	-10.7	+6.9	
Oil wells completed.....number..	1,657	1,501	1,830	8,772	7,353	-16.2	1913	118	115	68	90	101	94	-9.4	-18.0	
Gasoline:																
Production.....thous. of gals..	780,194	737,081	636,734	3,710,558	4,388,359	+18.3	1919	192	193	225	229	237	223	-5.5	+15.8	
Exports.....thous. of gals..	94,073	110,161	70,398	401,185	585,615	+46.0	1919	232	230	259	373	307	359	+17.1	+56.5	
Domestic consumption.....thous. of gals..	673,495	686,674	633,505	2,985,278	3,338,234	+11.6	1919	204	221	163	212	235	240	+2.0	+8.4	
Stocks, end of month.....thous. of gals..	1,649,954	1,598,858	1,263,563				1919	281	267	336	344	319	338	-3.1	+26.5	
Price, motor, New York.....dolls. per gal..	.200	.200	.215				1913	175	128	118	119	119	119	0.0	7.0	
Kerosene oil:																
Production.....thous. of gals..	199,992	183,141	179,074	1,133,723	1,200,952	+5.9	1919	97	92	103	104	102	91	-8.4	+2.3	
Domestic consumption.....thous. of gals..	105,578	111,461	122,700	743,351	749,076	+0.8	1919	116	106	107	134	91	96	+5.5	-9.2	
Stocks.....thous. of gals..	304,006	293,323	264,301				1919	91	88	110	96	101	98	-3.5	+11.0	
Price, 150° water white.....dolls. per gal..	.215	.215	.210				1919	105	105	110	107	108	108	0.0	+2.4	
Gas and fuel oil:																
Production.....thous. of gals..	1,155,936	1,106,712	970,870	5,776,632	6,562,138	+13.9	1919	152	153	175	176	182	174	-4.3	+14.0	
Domestic consumption.....thous. of gals..	1,066,388	946,508	822,402	5,433,748	6,019,609	+10.8	1919	160	143	180	173	186	165	-11.2	+15.1	
Stocks.....thous. of gals..	1,555,663	1,618,564	1,324,025				1919	160	170	191	197	209	208	+4.0	+22.2	
Price, Pa., 36-40 at refin.....dolls. per gal..	.058	.056	.052				1919	115	100	114	112	112	108	-3.4	+7.7	
Lubricating oil:																
Production.....thous. of gals..	104,439	96,995	95,728	547,103	587,887	+7.5	1919	149	136	143	137	145	137	-7.1	+1.3	
Domestic consumption.....thous. of gals..	65,194	58,668	58,575	364,476	368,507	+1.1	1919	156	123	136	129	137	123	-10.0	+0.2	
Stocks.....thous. of gals..	243,732	248,586	235,137				1919	140	139	155	155	151	154	+2.0	+10.4	
Price, Pa., 600° fl., "D" at refineries.....dolls. per gal..	.320	.305	.234				1919	73	64	84	84	88	84	-4.7	+30.3	
AUTOMOBILES																
Production:																
Total.....number..	312,858	245,790	378,615	2,031,133	1,998,128	-1.6	1919	240	230	233	227	190	149	-21.4	-35.1	
Passenger cars,.....number..	279,447	217,927	337,442	1,830,956	1,866,502	-1.3	1919	254	244	252	244	202	158	-22.0	-35.4	
Trucks.....number..	33,411	27,863	41,173	200,177	191,626	-4.3	1919	166	156	129	137	127	106	-16.6	-32.3	
Shipments:																
By railroads.....carloads..	35,510	25,988	40,291	248,350	262,771	+5.8	1920	217	193	261	230	170	124	-26.8	-35.5	
Driveaways.....number of machines..	32,756	25,142	59,110	318,659	221,277	-30.6	1920	159	151	166	96	83	61	-23.2	-57.5	
By boat.....number of machines..	8,338	7,300	13,494	34,838	21,740	-37.6	1920	273	287	11	88	177	155	-12.4	-45.9	
Exports:																
Assembled—																
Total.....number of cars..	17,162	12,541	14,518	76,521	94,869	+21.0	1919	219	211	237	269	218	170	-27.8	-15.0	
Passenger cars.....number of cars..	14,273	10,142	12,387	64,941	80,289	+23.6	1919	223	221	251	283	257	181	-29.4	-18.1	
Trucks.....number of cars..	2,739	2,159	2,131	11,580	14,580	-25.0	1919	201	164	179	213	211	160	-19.7	+3.2	
Foreign assembly.....number of cars..	12,850	11,872	10,313	58,351	65,501	+12.2	1923	123	117	99	128	145	131	-7.6	+14.8	
Accessories and parts.....thous. of dolls..	5,543	6,560	4,599	29,575	42,005	+44.1	1916	157	130	244	245	157	185	+17.9	+42.6	
Ratio of total exports to production.....per cent..	5.5	5.0	3.8				1919	90	90	102	119	131	119	-9.1	+31.6	
Internal revenue taxes collected on:																
Passenger automobiles and motor cycles.....thous. of dolls..	11,539		12,079	39,369	49,123	+24.7	1920	173	166	140	137	166				
Automobile trucks and wagons.....thous. of dolls..	1,098		1,216	4,163	5,081	+22.1	1920	96	98	58	87	87				
Automobile accessories and parts.....thous. of dolls..	3,016		3,504	16,995	12,688	-25.4	1920	82	77	55	55	71				
RUBBER																
Crude:																
Imports.....thous. of lbs..	62,167	50,132	79,189	438,167	363,446	-17.1	1913	830	820	481	881	611	519	-19.4	-36.7	
Consumption by tire mfrs.....thous. of lbs..	35,474	31,229	32,663	228,037	212,102	-7.0	1921	266	179	206	236	198	174	-12.0	-2.4	
Wholesale price, Para, N. Y. ....dolls. per lb..	173	164	250				1913	31	31	21	21	21	20	-5.2	-34.4	
Stocks, United Kingdom.....long tons..	56,811		60,918				1921	80	75	80	79	74				
Pneumatic tires:																
Production.....thousands..	3,039	2,620	2,987	20,367	18,902	-7.2	1921	201	163	189	182	167	145	-13.5	-11.1	
Stocks, end of month.....thousands..	6,331	6,156	7,011				1921	164	167	137	146	150	146	-2.8	-12.6	
Shipments, domestic.....thousands..	2,679	2,663	2,492</													

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		June from May	June, 1924, from June, 1923			
	May	June		1923	1924			May	June	Mar.	Apr.			May	June	
RUBBER—Continued																
Inner tubes:																
Production..... thousands..	3,744	3,493	3,590	25,034	23,447	-6.3	1921	191	159	187	179	166	155	-6.7	-2.7	
Stocks, end of month..... thousands..	8,762	8,166	8,924				1921	203	195	179	189	192	179	-8.8	-8.5	
Shipments, domestic..... thousands..	3,559	3,858	3,581	21,109	21,104	+0.3	1921	149	156	149	154	155	168	+8.4	+7.7	
Solid tires:																
Production..... thousands..	50	38	72	460	311	-32.4	1921	219	205	173	168	142	107	-24.0	-47.2	
Stocks, end of month..... thousands..	188	176	283				1921	116	123	75	80	82	76	-8.4	-37.8	
Shipments, domestic..... thousands..	47	40	52	393	270	-31.3	1921	153	119	114	104	107	105	-2.1	-11.5	
HIDES AND LEATHER																
Hides																
Imports:																
Total hides and skins..... thous. of lbs..	31,759	24,997	57,231	340,356	174,013	-48.9	1909-13	140	134	72	82	74	58	-21.3	-56.3	
Calfskins..... thous. of lbs..	3,399	2,838	6,688	26,884	18,790	-30.1	1909-13	72	98	48	44	50	42	-16.5	-57.6	
Cattle hides..... thous. of lbs..	15,990	9,451	30,377	197,573	82,266	-58.4	1909-13	183	159	82	91	83	49	-40.9	-68.9	
Goatskins..... thous. of lbs..	6,992	4,372	9,933	49,879	29,934	-40.0	1909-13	119	121	61	75	73	55	-27.0	-58.0	
Sheepskins..... thous. of lbs..	4,993	6,068	7,323	47,295	32,677	-30.9	1909-13	146	138	101	131	94	115	+21.5	-17.1	
Stocks, end of month:																
Total hides and skins..... thous. of lbs..	259,206	253,107	370,471				1921	88	86	68	61	60	89	-2.4	-31.7	
Cattle hides..... thous. of lbs..	215,981	207,609	292,149				1921	90	86	72	65	64	61	-3.9	-28.9	
Calf and kip skins..... thous. of lbs..	28,140	29,695	53,533				1921	90	92	56	43	48	51	+5.5	-44.5	
Sheep and lamb skins..... thous. of lbs..	15,085	15,803	24,789				1921	70	75	47	44	46	48	+4.8	-36.2	
Prices:																
Green salted, packer's heavy native steers.....dolls. per lb..	.119	.125	.163				1913	101	89	76	66	65	68	+5.0	-23.3	
Calfskins, country No. 1.....dolls. per lb..	.165	.171	.153				1913	90	81	100	85	88	91	+3.6	+11.8	
LEATHER																
Production:																
Sole leather.....thous. of bks., bends, sides..	1,142	1,100	1,630	9,783	7,219	-26.2	1910	89	87	65	63	61	59	-3.7	-32.5	
Skivers.....doz.	31,536	27,392	37,896	231,738	192,723	-16.8	1919	170	162	147	151	136	118	-13.1	-27.6	
Oak and union harness.....stuffed sides..	110,627	76,274	131,736	829,538	698,713	-15.8	1919	115	111	112	103	93	64	-31.1	-42.1	
Finished sole and belting.....thous. of lbs..	20,808	20,260	28,991	171,319	129,433	-24.4	1921	116	113	84	82	81	79	-2.6	-30.1	
Finished upper.....thous. of sq. ft.	65,913	53,868	79,034	493,085	404,573	-18.0	1921	142	136	123	109	114	93	-18.3	-31.8	
Stocks, end of month:																
Sole and belting.....thous. of lbs..	156,366	151,399	169,348				1921	86	88	85	82	81	78	-3.2	-10.6	
Upper.....thous. of sq. ft.	378,110	381,085	393,405				1921	94	93	92	90	89	90	+0.8	-3.1	
Stocks, in process of tanning:																
Sole and belting.....thous. of lbs..	86,467	87,204	111,861				1921	101	101	79	79	78	78	+0.9	-22.0	
Upper.....thous. of sq. ft.	132,561	126,666	156,773				1921	99	95	88	83	81	77	-4.4	-19.2	
Exports:																
Sole.....thous. of lbs..	2,261	1,551	1,876	9,062	10,423	+15.0	1913	66	72	52	85	87	60	-31.4	-17.3	
Upper.....thous. of sq. ft.	9,165	6,880	6,631	39,208	43,702	+11.5	1913	70	75	90	104	104	78	-24.9	+3.8	
Prices:																
Sole, oak, scoured backs, heavy Boston.....dolls. per lb..	.460	.425	.540				1913	120	120	103	103	103	95	-7.6	-21.3	
Chrome calf, "B" grades.....dolls. per sq. ft..	.460	.430	.440				1913	163	163	171	171	171	160	-6.5	-2.3	
Leather Products																
Belting sales:																
Quantity.....thous. of lbs..	330,268	288,497	442,912	2,930,678	2,284,802	-22.0	1910	72	62	61	52	47	41	-12.6	-34.9	
Value.....thous. of dolls.	563	503	834	5,426	3,917	-27.8	1919	60	61	54	47	41	37	-10.7	-39.7	
Boots and shoes:																
Production.....thous. of pairs..	25,249	22,404	28,273	187,948	156,841	-16.6	1919	112	102	105	101	91	81	-11.2	-20.8	
Exports.....thous. of pairs..	754	512	681	3,870	3,248	-16.1	1913	94	81	62	68	90	61	-32.1	-24.8	
Wholesale prices—																
Men's black calf, blucher.....dolls. per pair..	6.25	6.25	6.50				1913	209	209	201	201	201	201	0.0	-3.8	
Men's dress welt, tan calf, St. Louis.....dolls. per pair..	4.85	4.85	4.85				1913	153	153	153	153	153	153	0.0	0.0	
Women's black kid, Goodyear welt, St. Louis.....dolls. per pair..	3.85	3.85	4.25				1913	142	142	142	142	142	142	0.0	-9.4	
PAPER AND PRINTING																
Wood-pulp Imports																
Mechanical.....short tons..	13,291	13,180	18,806	130,036	102,751	-26.1	1909-13	107	114	137	112	81	80	-0.8	-29.9	
Chemical.....short tons..	82,746	87,549	100,757	540,368	532,458	-1.5	1909-13	286	395	339	246	324	343	+5.8	-13.1	
Newsprint Paper																
Production.....short tons..	134,219	120,723	133,692	760,636	750,338	-1.3	1919	121	117	104	112	117	105	-10.1	-9.7	
Shipments.....short tons..	131,289	122,229	132,311	757,676	740,397	-2.3	1919	119	115	103	111	114	106	-6.9	-7.6	
Consumption.....short tons..	144,579	139,426	131,926	1,049,301	836,491	-20.3	1919	134	93	102	102	102	98	-3.6	+5.6	
Imports.....short tons..	113,262	116,547	105,530	641,208	674,588	+5.2	1913	629	576	665	611	618	636	+2.9	+10.4	
Exports.....short tons..	1,421	1,890	1,652	8,870	8,283	-4.7	1913	42	46	36	44	39	52	+33.0	+14.4	
Stocks, end of month:																
At mills.....short tons..	34,479	33,428	19,514				1919	87	82	129	132	144	140	-3.0	+71.3	
At publishers.....short tons..	166,068	161,931	159,278				1919	114	103	113	107	107	104	-2.5	+1.7	
Printing																
Book publication:																
American manufacture.....no. of titles..	653	499	701	3,828	3,366	-12.1	1913	73	86	81	70	80	61	-23.6	-28.8	
Imported.....no. of titles..	130	117	121	560	880	+57.1	1913	43	60	89	63	63	57	-10.0	-6.6	
Sales books, shipments.....thous. of books..	10,382	11,725	11,329	68,205	67,039	-1.7	1919	115	115	116	107	105	119	+12.9	+3.5	
Printing activity.....weighted index number							1920	96	83	96	100	94	84	-10.6	+1.2	

* Data prior to June, 1923, include reports of 600 publishers, while current months include about 450.

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924				June from May	June, 1924, from June, 1923
	May	June		1923	1924			May	June	Mar.	Apr.	May	June		
PAPER AND PRINTING—Continued															
Paper Board Shipping Boxes															
Production:															
Total.....thous. of sq. ft.	297,764	255,561	275,679	1,806,890	1,835,863	+1.6	1922	128	122	151	145	131	113	-14.2	-7.3
Corrugated.....thous. of sq. ft.	225,103	193,800	195,268	1,298,441	1,353,599	+4.2	1922	140	131	166	165	151	130	-13.9	-0.8
Solid fiber.....thous. of sq. ft.	72,661	61,761	80,391	508,458	482,264	-5.2	1922	101	102	126	106	91	80	-15.0	-23.2
Operating activity:															
Total.....per cent of normal	72	67	77											-6.9	-13.0
Corrugated.....per cent of normal	69	66	78											-4.3	-15.4
Solid fiber.....per cent of normal	80	70	76											-12.5	-7.9
Price index numbers:															
Finished board—															
Corrugated.....index number							1922	114	110	106	105	105	98	-6.7	-10.0
Solid fiber.....index number							1922	112	108	95	91	91	86	-5.5	-20.4
Raw materials—															
85 test liners.....index number							1922	117	119	95	90	86	83	-3.5	-30.3
Chip.....index number							1922	132	123	91	85	83	81	-2.4	-34.1
Straw.....index number							1922	105	105	111	111	108	111	+2.8	+5.7
Other Paper Products															
Rope paper sacks, shipments.....index number							1922	135	125	133	117	129			
Abrasive paper and cloth:															
Domestic sales.....reams	76,890	60,969	85,302	589,654	496,560	-15.8	1919	140	125	141	117	113	89	-20.7	-28.5
Foreign sales.....reams	11,018	12,815	10,660	63,561	62,919	-1.0	1919	135	116	115	127	120	140	+16.3	+20.2
BUTTONS															
Fresh-water pearl buttons:															
Production.....per ct. of capacity	32.4	30.4	47.1				1922	113	102	95	90	70	66	-6.2	-35.5
Stocks, end of month.....thous. of gross	14,170	14,193	14,054				1922	109	112	113	113	113	113	+0.2	+1.0
BUILDING CONSTRUCTION															
Building Costs (Index Numbers)															
Building materials:															
Frame house, 6-room, 1st of following mo.							1913	212	214	208	205	203	199	-2.0	-7.0
Brick house, 6-room, 1st of following mo.							1913	215	217	209	206	205	201	-2.0	-7.4
Building costs (Engineering News Record), 1st of following month							1913	221	222	222	222	217	214	-1.4	-3.6
Concrete factory costs (Aberthaw), 1st of following month							1914	207	206	202	200	199	198	-0.5	-3.9
Plumbing fixtures, 6 articles.....dollars	121.70	121.74	130.21				1913	191	193	183	182	180	180	-0.0	-6.5
Construction and Losses															
Contracts awarded (27 States):															
Business buildings.....thous. of sq. ft.	9,245	7,827	8,337	50,507	49,637	-1.7	1919	106	91	108	86	100	85	-15.3	-6.7
Industrial buildings.....thous. of sq. ft.	3,755	2,891	4,817	36,819	22,175	-39.8	1919	69	38	33	35	29	23	-23.0	-40.0
Residential buildings.....thous. of sq. ft.	34,428	28,346	25,254	185,300	211,902	+14.4	1919	170	125	220	208	171	141	-17.7	+12.2
Educational buildings.....thous. of sq. ft.	5,378	4,188	3,717	23,752	26,426	+11.3	1919	206	191	241	253	281	219	-22.1	+12.7
Other public and semipublic buildings ¹⁰.....thous. of sq. ft.	4,586	4,073	4,103	20,283	22,686	+12.1	1919	157	182	218	168	204	181	-11.2	-0.7
Grand total.....thous. of sq. ft.	57,709	48,064	46,344	316,770	335,448	+5.9	1919	129	99	147	136	121	103	-16.7	+3.7
Contracts awarded, value (27 States):															
Business buildings.....thous. of dolls.	48,390	49,601	40,830	245,335	273,892	+11.6	1919	147	121	173	126	143	147	+2.6	+21.5
Industrial buildings.....thous. of dolls.	20,213	19,026	48,506	207,472	149,637	-27.9	1919	111	113	45	127	47	45	-5.9	-60.8
Residential buildings.....thous. of dolls.	165,376	136,679	124,417	813,703	993,235	+22.1	1919	210	178	291	278	234	193	-17.4	+9.0
Educational buildings.....thous. of dolls.	35,037	29,006	22,676	141,408	166,270	+17.6	1919	244	228	297	301	352	291	-17.2	+27.9
Other public and semipublic buildings ¹⁰.....thous. of dolls.	32,285	33,717	26,863	131,199	161,323	+23.0	1919	166	186	241	178	223	233	+4.4	+25.5
Grand total.....thous. of dolls.	358,554	331,147	323,559	1,836,223	2,022,871	+10.2	1919	174	150	180	198	167	154	-7.6	+2.3
Fire losses:															
United States and Canada.....thous. of dolls.	27,832	20,350	34,852	222,052	181,096	-18.4	1919	152	155	127	142	121	91	-26.9	-41.6
Great Britain.....thous. of £ sterling	847	469	711	6,318	5,021	-20.5	1920	178	101	71	228	120	66	-44.6	-34.0
Lumber															
Southern pine:															
Production (computed).....M ft. b. m.	484,501	426,171	450,408	2,701,105	2,756,123	+2.0	1917	113	106	111	113	114	101	-12.0	-5.4
Shipments (computed).....M ft. b. m.	486,486	406,809	417,506	2,879,511	2,692,582	-6.5	1917	115	94	99	102	110	92	-16.4	-2.6
Orders (computed).....M ft. b. m.	440,790	408,454	353,561	2,751,039	2,663,328	-3.2	1917	91	79	93	106	99	91	-7.3	+15.5
Stocks, end of mo. (computed).....M ft. b. m.	1,129,893	1,153,375	1,054,133				1917	74	72	82	82	82	84	+2.1	+9.4
Exports (incl. timber).....M ft. b. m.	72,597	67,173	92,280	443,707	417,109	-6.0	1919	155	181	137	133	142		-7.5	-27.2
Price, "B" and better.....dolls. per M ft. b. m.	41.66	39.51	48.87				1913	224	212	191	169	181	171	-5.2	-19.2
Douglas fir:															
Production (computed).....M ft. b. m.	494,524	472,902	567,626	2,972,068	3,017,976	+1.5	1917	149	163	149	145	142	135	-4.4	-16.7
Shipments (computed).....M ft. b. m.	510,595	502,806	573,266	3,299,863	3,117,749	-5.5	1917	166	177	167	174	158	156	-1.5	-12.3
Exports, lumber.....M ft. b. m.	53,219	36,213	47,833	240,580	350,947	+45.9	1919	181	191	202	174	212		-32.0	+24.3
Exports, timber.....M ft. b. m.	26,201	34,686	17,641	103,242	346,655	+235.8	1922	95	123	663	361	182		+32.4	+96.6
Price, No. 1 common.....dolls. per M ft. b. m.	17.500	16.500	10.500				1913	234	212	201	190	190	179	-5.7	-15.4
California redwood:															
Production (computed).....M ft. b. m.	62,021	54,235	55,312	311,849	313,620	+0.6	1919	181	148	166	139	166	145	-12.6	-2.0
Shipments (computed).....M ft. b. m.	41,764	49,709	54,986	322,331	235,304	-20.8	1919	201	193	173	135	146	174	+19.0	-9.6
Orders received (computed).....M ft. b. m.	38,986	49,050	38,966	311,607	249,732	-19.9	1919	193	136	183	105	126	171	+25.8	+25.9
California white pine:															
Production.....M ft. b. m.	131,127	133,740	152,812	478,744	482,084	+0.7	1918	274	290	105	206	219	254	+2.0	-12.2
Shipments.....M ft. b. m.	60,362	64,042	69,947	345,950	370,637	+7.1	1918	213	219	200	209	189	201	+6.1	-8.4
Stocks, end of month.....M ft. b. m.	483,814	538,991	453,155				1918	153	171	174	187	182	203	+11.4	+18.9

¹¹ 12 months' average, July to June, inclusive, ending the year indicated.

¹⁰ Includes hospitals, public buildings, social, religious, and memorial buildings, formerly shown separately in the Survey of Current Business.

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		June from May	June, 1924, from June, 1923				
	May	June		1923	1924			May	June	Mar.	Apr.			May	June		
BUILDING CONSTRUCTION—Con.																	
Lumber—Continued																	
Michigan softwood:																	
Production.....M ft. b. m.	5,719	5,046	12,868	46,333	30,060	-35.1	1917	53	74	31	32	33	29	-11.8	-60.8		
Shipments.....M ft. b. m.	6,716	4,356	8,913	48,917	33,096	-32.3	1917	54	50	36	39	38	25	-35.1	-51.1		
Stocks, end of month.....M ft. b. m.	37,487	38,637	42,085				1917	39	40	39	37	35	36	+3.1	-8.2		
Michigan hardwood:																	
Production.....M ft. b. m.	15,251	13,215	17,042	96,306	86,163	-10.5	1917	66	61	57	58	55	45	-13.3	-22.5		
Shipments.....M ft. b. m.	9,066	10,907	13,126	89,678	65,598	-26.9	1917	42	42	44	34	29	35	+20.3	-16.9		
Stocks, end of month.....M ft. b. m.	77,780	82,551	104,862				1917	46	47	31	33	35	37	+6.1	-21.3		
Western pine:																	
Production (computed).....M ft. b. m.	180,985	163,060	193,505	813,240	841,244	+3.4	1917	180	177	135	157	165	149	-9.9	-15.7		
Shipments (computed).....M ft. b. m.	131,412	126,780	139,096	813,572	792,141	-2.6	1917	139	126	122	118	119	115	-3.5	-8.9		
Stocks, end of mo. (computed).....M ft. b. m.	1,016,922	1,014,387	885,077				1920	93	100	106	110	115	115	-0.2	+14.6		
North Carolina pine:																	
Production (computed).....M ft. b. m.	50,400	43,080	42,980	233,150	293,442	+3.6	1919	129	126	149	151	147	126	-14.5	+0.2		
Shipments (computed).....M ft. b. m.	52,430	42,399	44,876	306,536	296,156	-3.4	1919	147	139	151	155	163	132	-19.1	-5.5		
Northern pine:																	
Lumber—																	
Production.....M ft. b. m.	59,300	58,662	76,734	307,705	281,277	-8.6	1920	184	191	91	131	147	146	-1.2	-23.6		
Shipments.....M ft. b. m.	40,405	40,036	49,611	289,113	261,328	-9.6	1920	102	99	100	85	81	80	-0.9	-19.3		
Lath—																	
Production.....M ft. b. m.	14,092	14,625	21,668	81,483	68,078	-16.5	1920	194	226	93	131	147	153	+3.8	-32.5		
Shipments.....M ft. b. m.	11,494	16,050	11,281	76,849	76,821	0.0	1920	226	177	204	238	181	252	+39.6	+42.3		
Northern hemlock:																	
Production.....M ft. b. m.	22,794	27,377	32,086	161,630	123,266	-23.7	1913	73	85	48	53	61	73	+20.1	-14.7		
Shipments.....M ft. b. m.	20,951	23,265	32,656	157,019	119,824	-23.7	1913	86	90	54	62	57	64	+11.0	-28.8		
Northern hardwood:																	
Production.....M ft. b. m.	37,612	35,185	41,805	271,047	272,084	+0.4	1913	171	148	183	185	133	124	-6.5	-15.8		
Shipments.....M ft. b. m.	24,730	25,328	39,215	221,075	176,498	-20.2	1913	135	154	136	111	97	100	+2.4	-35.4		
Walnut lumber:																	
Production.....M ft. b. m.	3,647	3,375	2,812	14,941	19,067	+27.6	1922	155	156	170	205	202	187	-7.5	+20.0		
Shipments.....M ft. b. m.	2,423	2,647	2,293	15,609	18,262	+17.0	1922	132	199	168	170	126	137	+9.0	+15.4		
Stocks, end of month.....M ft. b. m.	9,355	10,168	7,871				1922	72	77	76	80	92	100	+8.7	+29.2		
Walnut logs:																	
Purchases.....M ft. log measure	3,339	2,443	2,524	15,088	15,335	+1.6	1922	181	173	144	189	229	167	-26.8	-3.2		
Made into lumber and veneer.....M ft. log measure	2,880	2,573	2,405	12,497	15,164	+21.3	1922	160	181	215	189	217	184	-10.7	+7.0		
Stocks, end of month.....M ft. log measure	3,801	3,694	3,658				1922	163	175	147	159	182	177	-2.8	+1.0		
All lumber:																	
Production, 10 species.....M ft. b. m.	2,632,763	2,385,643	2,731,978	14,807,341	14,819,682	+0.1	1913	125	124	115	119	120	109	-9.4	-12.7		
Exports, planks, joists, etc.....M ft. b. m.	157,769	138,792	172,256	858,892	976,607	+13.7	1909-13	86	97	86	83	88	78	-12.0	-19.4		
Retail yards, Minneapolis:																	
Sales.....thous. of dolls.	13,333	16,468	22,208	78,742	61,252	-22.3	1920	113	132	47	68	79	98	+23.5	-25.9		
Stocks, end of month.....M ft. b. m.	123,780	119,194	136,666				1920	70	67	61	61	61	59	-3.7	-12.8		
Composite lumber prices: ¹¹																	
Hardwoods.....dolls. per M ft. b. m.	43.29	42.20	47.46				1921	118	114	166	107	104	101	-2.6	-11.1		
Softwoods.....dolls. per M ft. b. m.	30.59	29.46	34.26				1920	73	69	66	65	62	59	-3.7	-14.0		
Wooden Furniture																	
Shipments.....dolls., average per firm	28,781	26,820	35,323	223,023	194,705	-12.7	1920	100	88	94	86	71	67	-6.8	-24.1		
Unfilled orders.....dolls., average per firm	34,042	31,741	54,496				1920	42	43	34	27	27	25	-6.8	-41.8		
Piano Benches and Stools																	
New orders.....dollars	64,472	65,152	97,988	669,808	494,372	-26.2	1919	74	62	55	48	41	41	+1.1	-33.5		
Unfilled orders.....dollars	16,575	22,360	102,310				1919	52	50	21	17	8	11	+34.9	-78.1		
Shipments:																	
Value.....dollars	71,384	68,624	97,657	629,651	511,330	-18.8	1919	79	66	64	57	48	46	-3.9	-29.7		
Quantity.....pieces	10,438	10,497	14,037	98,982	75,648	-23.6	1922	129	103	105	87	76	77	+0.6	-25.2		
Flooring																	
Oak flooring:																	
Production.....M ft. b. m.	37,769	32,935	34,342	183,814	196,459	+6.9	1913	519	514	489	508	566	493	-12.8	-4.1		
Shipments.....M ft. b. m.	32,185	33,713	28,067	176,301	196,408	+11.4	1913	533	467	508	540	635	561	-11.7	+20.1		
Orders booked.....M ft. b. m.	30,853	30,824	15,081	166,292	184,394	+10.9	1913	372	247	426	424	505	505	-0.1	+104.4		
Stocks, end of month.....M ft. b. m.	49,706	50,189	33,793				1913	298	375	451	496	552	558	+1.0	+48.5		
Unfilled orders, end of month.....M ft. b. m.	41,164	36,993	38,590				1913	683	531	707	634	568	498	-12.3	-6.3		
Maple flooring:																	
Production.....M ft. b. m.	8,349	7,492	10,509	71,585	55,788	-22.1	1919	120	105	100	99	83	75	-10.3	-28.7		
Shipments.....M ft. b. m.	6,472	7,425	11,033	79,165	48,115	-39.2	1919	110	93	78	69	55	63	+14.7	-32.7		
Orders booked.....M ft. b. m.	4,769	6,436	4,987	82,780	46,796	-43.5	1919	57	35	52	34	34	45	+35.0	+29.1		
Stocks, end of month.....M ft. b. m.	25,243	25,406	18,867				1919	124	122	149	158	163	164	+0.6	+34.7		
Unfilled orders, end of month.....M ft. b. m.	10,736	9,596	28,265				1919	90	74	46	36	28	25	-10.6	-66.0		
Brick																	
Clay fire brick (computed):																	
Production.....thousands	58,900	50,734	63,848	383,148	353,994	-7.6	1919	133	126	130	124	116	100	-13.9	-20.5		
Shipments.....thousands	54,027	45,015	60,319	373,413	326,570	-12.5	1919	131	119	116	113	107	89	-16.7	-39.9		
Stocks, end of month.....thousands	221,583	227,233	162,398				1919	114	117	153	156	160	164	+2.5	-19.7		
New orders.....thousands	43,728	37,101	46,223	397,430	329,742	-17.0	1919	103	90	115	109	85	72	-15.2	-32.6		
Unfilled orders, end of month.....thousands	70,938	62,920	93,285				1919	115	100	84	87	76	68	-11.3	-37.0		
Silica brick (computed):																	
Production.....thousands	14,346	9,612	15,257	91,538	94,382	+3.1	1919	119	109	160	122	102	68	-33.0	-37.0		
Shipments.....thousands	13,751	10,475	16,044	94,896	91,533	-3.5	1919	128	115	157	126	98	75	-23.8	-34.7		
Stocks, end of month.....thousands	44,211	43,349	41,517				1919	101	99	106	104	106	104	-1.9	+4.4		

¹¹ Prices are averages of quotations reported as of the first week of the following month indicated.

TREND OF BUSINESS MOVEMENTS—Continued

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	May	June		1923	1924			May	June	Mar.	Apr.	May	June			
BUILDING CONSTRUCTION—Con.																
Brick—Continued																
Face brick (32 identical plants):																
Production..... thousands..	27,954	25,947	21,640	133,377	137,090	+3.5	1919	167	157	135	169	179	166	-7.2	+5.3	
Stocks at yards ¹² thousands..	52,398	50,895	58,875				1919	179	173	253	228	213	150	-2.9	-13.6	
Unfilled orders, end of month..... thousands..	46,426	43,653	54,125				1919	208	197	163	182	169	159	-5.0	-19.3	
Shipments..... thousands..	29,760	25,213	21,563	133,538	131,416	-0.8	1920	211	176	174	204	213	181	-15.3	+2.6	
Paving brick:																
Production—																
Actual..... thousands..	26,569	24,968	31,105											-5.9	-19.6	
Relation to capacity..... per cent.	69	68	81											-1.4	-16.0	
Shipments..... thousands..	24,507	27,768	27,251											+13.4	+2.0	
Stock, end of month..... thousands..	122,303	111,637	80,324											-8.7	+39.0	
Orders received..... thousands..	46,147	23,240	36,074											-49.6	-35.6	
Cancellations..... thousands..	444	1,304	574											+193.7	+127.2	
Unfilled orders, end of month..... thousands..	100,242	99,314	110,120											-0.9	-9.8	
Prices, common brick:																
Wholesale, red, New York, dolls. per thous.	20.00	20.30	20.30				1913	305	309	305	305	305	305	0.0	-1.5	
Cement																
Production..... thous. of bbls..	13,777	13,538	12,352	67,222	66,767	-0.6	1913	168	161	135	153	180	176	-1.7	+9.3	
Shipments..... thous. of bbls..	14,551	15,036	13,367	62,562	62,496	-0.1	1913	193	180	122	173	197	203	+2.3	+13.0	
Stocks, end of month..... thous. of bbls..	16,403	14,905	9,168				1913	90	82	162	153	146	133	-9.1	+62.6	
Price, Portland:																
Chicago district..... dolls. per bbl.	1.75	1.75	1.75				1913	173	173	173	173	173	173	0.0	0.0	
Lehigh Valley..... dolls. per bbl.	1.75	1.75	1.90				1913	214	214	197	197	197	197	0.0	-7.9	
Concrete paving contracts:																
Total..... thous. of sq. yds..	12,500	8,945	7,675	30,358	48,225	+22.4	1919	212	172	180	229	251	201	-28.4	+16.6	
Roads..... thous. of sq. yds..	8,527	4,939	5,373	26,522	32,302	+21.8	1919	175	156	169	204	248	143	-42.1	-8.1	
Roofing																
Preparing roofing:																
Shipments..... thous. of roof squares..	2,496	2,331	2,486	14,930	15,032	+0.7	1919	137	129	123	113	129	112	-6.6	-6.6	
Roofing felt:																
Production, dry felt..... tons..	17,108	17,593	16,086	98,336	98,909	+2.7	Jan., '23	112	110	107	106	106	109	+2.8	+9.4	
Stocks, end of month..... tons..	12,052	13,061	11,598				Jan., '23	115	95	114	95	96	106	+8.4	+12.6	
Total..... tons..	3,247	2,876	3,225				Jan., '23	102	137	77	107	134	119	-11.4	-13.4	
Dry felt..... tons..																
Receipts—																
Rags..... tons..	16,669	19,840	16,144	93,030	96,851	+4.1	Jan., '23	88	105	90	104	108	129	+19.0	+22.9	
Paper..... tons..	5,544	5,216	5,588	36,092	35,063	-2.9	Jan., '23	108	102	115	98	95	89	-5.9	-12.9	
Miscellaneous..... tons..	1,020	1,371	1,179	7,102	8,516	+24.1	Jan., '23	90	104	138	140	90	121	+34.4	+16.3	
Sanitary Ware																
Baths, enamel:																
Orders shipped..... number..	101,146	84,665	78,951	539,659	559,612	+11.1	1919	270	228	337	298	262	215	-16.3	+7.2	
Stocks, end of month..... number..	64,359	65,093	29,462				1919	90	70	150	155	153	154	+1.1	+120.9	
Orders received..... number..	74,494	72,436	67,404	653,680	636,625	-2.9	1919	111	96	187	140	167	104	-2.8	+7.5	
Lavatories, enamel:																
Orders shipped..... number..	110,697	97,963	100,672	608,225	747,873	+23.0	1919	240	230	329	250	242	214	-11.5	-2.7	
Stocks, end of month..... number..	144,088	140,810	45,978				1919	32	33	85	90	103	101	-2.3	+206.3	
Orders received..... number..	72,441	78,189	77,782	827,921	698,000	-16.1	1919	139	106	166	142	98	106	+7.9	+0.5	
Sinks, enamel:																
Orders shipped..... number..	126,627	112,062	107,087	665,692	801,882	+20.6	1919	223	160	289	239	232	205	-11.8	+4.6	
Stocks, end of month..... number..	110,823	129,862	47,539				1919	51	50	80	81	93	103	+11.2	+173.2	
Orders received..... number..	85,864	81,069	76,582	859,210	764,315	-11.0	1919	223	199	181	126	98	92	-5.6	+5.9	
Miscellaneous, enamel:																
Orders shipped..... number..	78,100	68,345	59,294	332,576	464,076	+39.4	1919	167	166	311	279	275	241	-12.5	+15.4	
Stocks, end of month..... number..	94,829	106,031	47,777				1919	70	65	97	103	119	133	+11.8	+121.9	
Orders received..... number..	48,571	52,917	44,988	420,633	436,952	+3.9	1919	233	187	195	146	116	126	+8.9	+17.6	
Unfilled orders, end of month:																
Baths..... number..	214,369	181,907	286,888				1921	163	740	603	586	525	446	-15.1	-36.6	
Small ware..... number..	549,430	458,182	1,008,103				1921	642	771	599	533	425	354	-16.6	-54.6	
CHEMICALS																
Acetate of lime:																
Production..... thous. of lbs..	11,539	9,396	14,459	87,111	74,283	-14.7	1922	142	138	135	121	110	90	-18.6	-34.9	
Shipments or use..... thous. of lbs..	8,102	8,840	13,995	93,189	531,542	-49.4	1922	131	102	66	88	99	65	+9.1	-36.8	
Stocks, end of month..... thous. of lbs..	33,988	32,291	9,736				1922	25	27	90	85	95	90	-5.0	+231.0	
Methanol:																
Production..... gallons..	623,107	492,902	736,806	2,664,283	3,951,790	+48.3	1922	141	130	132	123	110	87	-20.9	-33.1	
Shipments or use..... gallons..	636,122	449,232	629,250	4,103,677	3,629,629	-11.6	1922	89	99	97	95	100	71	-29.4	-28.6	
Stocks, end of month..... gallons..	2,615,144	2,368,760	2,526,412				1922	88	82	109	97	95	80	-9.4	-6.2	
Wood at chemical plants:																
Consumption (carbonized)..... cords..	67,841	53,591	55,864	526,309	427,125	-18.8	1922	141	131	122	116	106	83	-21.0	-37.6	
Stocks, end of month..... cords..	866,518	821,242	782,579				1922	81	83	87	60	92	87	-5.2	+4.9	
Imports:																
Potash..... long tons..	9,008	5,405	17,975	115,551	96,165	-16.8	1909-13	47	85	107	51	45	26	-43.7	-69.9	
Nitrate of soda..... long tons..	73,541	37,440	25,204	547,610	608,997	+11.2	1909-13	249	88	263	170	170	87	-49.9	+48.5	
Exports:																
Sulphuric acid..... thous. of lbs..	1,885	957	357	3,750	5,888	+36.6	1909-13	148	63	98	167	307	156	-49.2	+147.2	
Dyes and dyestuffs..... thous. of dolls..	374	440	466	3,124	2,804	-10.2	1909-13	2000	1611	1508	1337	1232	1522	+17.6	-5.6	
Total fertilizer..... long tons..	126,271	70,816	117,465	550,933	536,180	-2.7	1909-13	101	111	71	91	122	69	-43.9	-60.1	
Price index numbers:																
Crude drugs..... index number..							1914	244	231	180	208	230	219	-4.8	-5.2	
Essential oils..... index number..							1914	157	139	139	141	137	136	-0.7	-2.2	
Drugs and pharmaceuticals..... index number..							1914	132	140	155	158	156	153	-1.0	+9.3	
Chemicals..... weighted index number..							1913	180	177	161	158	153	151	+0.7	-13.0	
Price, sulphuric acid 66° N. Y. index number..							1913	75	75	70	70	70	70	0.0	-6.7	

¹² Represents stocks of finished brick in yards and does not include formed brick in kilns as reported prior to September, 1923; current data therefore are not comparable to data prior to September, 1923; relative numbers, however, are strictly comparable, having been computed on a chain-relative basis.
¹³ Relative to 10 months' average, March to December, inclusive.
¹⁴ 8 months' average, May to December, inclusive.

TREND OF BUSINESS MOVEMENTS—Continued

NOTE.—Detailed tables displaying complete data for the period January, 1922, to June, 1924, covering all items are given in this number. Consult index at end of bulletin. In many cases July figures are now available and may be found in the special table on page 31	NUMERICAL DATA					Per ct. increase (+) or decrease (-) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per cent increase (+) or decrease (-)		
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924				June from May	June from June 1923	
	May	June		1923	1924			May	June	Mar.	Apr.	May	June			
NAVAL STORES																
Turpentine (3 principal ports):																
Net receipts.....barrels..	34,049	39,620	39,014	111,082	111,556	-0.4	1919	224	256	36	102	229	280	+13.4	1	
Stocks, end of month.....barrels..	23,695	32,499	13,113				1919	59	42	76	72	76	105	+37.7	-147.	
Rosin (3 principal ports):																
Net receipts.....barrels..	112,571	110,088	116,902	451,642	423,128	-6.3	1919	189	209	98	102	201	197	-2.2	-5.	
Stocks, end of month.....barrels..	234,644	241,108	215,100				1919	105	107	113	101	117	120	+2.8	+12.	
FATS AND OILS																
Total vegetable oils:																
Exports.....thous. of lbs..	2,919	1,941	2,385	32,259	21,510	-33.3	1913	11	8	16	12	10	7	-33.5	-18.	
Imports.....thous. of lbs..	75,806	58,317	77,935	389,075	532,889	+37.0	1913	373	364	484	509	354	273	-23.1	-25.	
Oleomargarine:																
Production.....thous. of lbs..	17,732		b 17,258	95,642	108,274	+13.2	1913	143	117	185	169	147				
Consumption.....thous. of lbs..	17,493		b 18,454	96,564	108,378	+12.2	1913	156	120	197	169	147				
Cottonseed																
Cottonseed stocks, end of month.....tons..	66,127	29,285	13,536				1919	5	3	46	26	13	6	-55.7	+116.	
Cottonseed oil:																
Stocks, end of month.....thous. of lbs..	52,333	23,338	11,833				1919	25	12	114	76	54	24	-55.4	+87.	
Production.....thous. of lbs..	32,736	17,921	11,489	378,427	385,984	+2.0	1919	19	10	62	41	30	16	-45.3	+56.	
Price, New York.....dolls. per lb..	.098	.104	.113				1913	161	156	135	139	135	144	+6.1	-8.	
Flaxseed																
Receipts:																
Minneapolis.....thous. of bush..	294	296	474	2,393	1,671	-30.2	1913	42	50	25	22	31	31	+0.7	-37.	
Duluth.....thous. of bush..	210	96	542	1,089	779	-28.5	1913	23	52	11	10	20	9	-54.3	-82.	
Shipments:																
Minneapolis.....thous. of bush..	101	76	54	398	762	+191.5	1913	19	35	108	94	65	49	24.8	+40.	
Duluth.....thous. of bush..	157	193	378	1,012	983	-2.9	1913	15	34	13	12	14	12	-15.3	-25.	
Stocks, end of month:																
Minneapolis.....thous. of bush..	70	27	140				1913	26	60	70	35	30	11	-61.4	-80.	
Duluth.....thous. of bush..	160	104	290				1913	1	11	4	5	6	4	-35.0	-64.	
Linseed oil:																
Shipments from Minneapolis.....thous. of lbs..	6,213		b 9,845	45,041	52,320	+16.2	1913	65	49	80	59	41				
Linseed-oil cake:																
Shipments from Minneapolis.....thous. of lbs..	6,978		b 10,011	72,081	72,258	+0.2	1913	33	42	53	29	23				
FOODSTUFFS																
Wheat																
Exports, including flour.....thous. of bush..	7,206	10,257	12,881	72,913	57,475	-21.2	1913	121	108	79	71	61	86	+42.3	-20.	
Visible supply:																
United States.....thous. of bush..	45,258	36,496	29,403				1913	62	49	112	96	76	61	-19.4	+24.	
Canada.....thous. of bush..	62,299	44,932	25,224				1913	127	77	372	286	191	138	-27.9	+78.	
Receipts, principal markets.....thous. of bush..	15,368	16,410	18,220	137,842	95,576	-30.7	1919	53	58	57	32	49	52	+6.8	-9.	
Shipments, prin. markets.....thous. of bush..	16,646	13,714	15,476	93,531	76,213	-18.5	1919	111	78	60	60	84	69	-17.6	-11.	
Wheat flour:																
Production.....thous. of bbls..	9,765	9,332	8,331	56,476	60,482	+7.1	1914	93	86	109	98	100	96	-4.4	+12.	
Consumption.....thous. of bbls..	9,089	7,759	7,445	50,715	53,018	+4.5	1919	107	93	117	105	111	95	-14.6	+4.	
Stocks, all positions.....thous. of bbls..	6,400	6,800	6,900				1919	72	73	72	71	68	72	+6.3	-1.	
Prices:																
No. 1, northern Chicago.....dolls. per bush..	1.177	1.120	1.105				1913	131	121	128	124	129	138	-4.8	+1.	
No. 2, red winter, Chicago.....dolls. per bush..	1.066	1.122	1.189				1913	131	121	110	105	108	114	+5.3	-5.	
Flour, standard patents, Minneapolis.....dolls. per bbl..	6.638	6.856	6.263				1913	147	137	137	139	145	150	+3.3	+9.	
Flour, winter straights, Kansas City.....dolls. per bbl..	5.470	5.581	5.325				1913	148	138	139	138	142	145	+2.0	+4.	
Corn																
Exports, including meal.....thous. of bush..	1,853	1,017	2,123	37,159	15,696	-57.8	1913	127	50	95	51	44	24	-45.1	-52.	
Visible supply.....thous. of bush..	13,480	9,247	4,269				1913	102	51	325	236	160	110	-31.4	+116.	
Receipts, principal markets.....thous. of bush..	16,131	17,415	14,212	136,918	155,468	+13.5	1919	71	95	202	117	108	116	+8.0	+22.	
Shipments, prin. markets.....thous. of bush..	17,546	14,505	11,102	96,707	106,185	+9.8	1919	183	126	196	180	198	164	-17.3	+30.	
Grindings (starch, glucose).....thous. of bush..	5,027	5,621	5,279	33,445	38,830	+16.1	1913	145	126	187	153	120	134	+11.8	+6.	
Prices, contract grades, No. 2, Chicago.....dolls. per bush..	.786	.839	.839				1913	130	134	127	126	126	134	+6.7	0.	
Other Grains																
Oats:																
Receipts, principal markets.....thous. of bush..	13,737	14,003	14,139	101,686	93,266	-8.3	1913	65	68	81	67	66	68	+1.9	-1.	
Visible supply.....thous. of bush..	6,720	5,264	8,523				1913	78	49	95	61	39	30	-21.7	-38.	
Exports, including meal.....thous. of bush..	137	119	641	5,222	1,888	-63.8	1913	35	21	11	6	5	4	-13.1	-81.	
Prices, contract grades, Chicago.....dolls. per bush..	.488	.501	.439				1913	120	117	128	130	130	133	+2.7	+14.	
Barley:																
Receipts, principal markets.....thous. of bush..	2,204	3,972	2,162	16,203	18,270	+12.8	1913	20	24	33	31	24	44	+90.2	+83.	
Exports.....thous. of bush..	448	513	362	4,299	3,548	-17.6	1913	25	25	60	48	31	35	+14.5	+41.	
Price, fair to good, malting Chicago.....dolls. per bush..	.761	.776	.643				1913	108	103	120	128	122	124	+2.0	+13.	
Rye:																
Receipts, principal markets.....thous. of bush..	2,488	1,674	2,542	24,556	10,544	-57.1	1913	185	196	130	74	192	129	-32.7	-34.	
Exports, including flour.....thous. of bush..	1,999	3,732	3,886	21,562	9,466	-56.1	1913	2993	2507	235	1385	1290	2408	+86.7	-4.	
Price, No. 2, Chicago.....dolls. per bush..	.671	.729	.687				1913	122	108	108	104	106	115	+8.6	+6.	

b May, 1923.

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924				June from May	June, 1924, from June, 1923
	May	June		1923	1924			May	June	Mar.	Apr.	May	June		
FOODSTUFFS—Continued															
Total Grains															
Total grain exports, incl. flour.....thous. of bush.	11,643	15,696	19,893	141,155	88,131	-37.6	1913	124	96	73	66	56	76	+34.8	-21.1
Car loadings of grain and grain products.....cars..	160,351	188,260	171,718	1,020,705	1,081,535	+6.0	1919	80	101	127	87	95	111	+17.4	+9.6
Argentine Grain															
Visible supply, end of month:															
Wheat.....thous. of bush.	6,660	7,030	3,700	-----	-----	-----	1913	229	143	415	343	257	272	+5.6	+90.0
Corn.....thous. of bush.	8,400	10,800	8,000	-----	-----	-----	1913	172	229	40	114	240	309	+28.6	+35.0
Flaxseed.....thous. of bush.	2,600	2,400	2,200	-----	-----	-----	1914	440	302	679	714	357	330	-7.7	+9.1
Rice															
Total movement to mills.....sacks or bbls..	71,440	86,494	774,087	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	+21.1	-88.8
Paddy at California warehouses:															
Shipments.....sacks	57,463	77,029	580,403	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	+34.0	-86.0
Stocks, end of month.....sacks	376,080	293,890	804,507	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-21.9	-63.5
Southern paddy, receipts at mills.....bbls..	13,986	9,466	184,684	2,591,174	2,128,815	-17.8	1919	22	30	61	13	2	2	-32.3	-94.0
Shipments:															
Total from mills.....pockets (100 lbs.)	305,995	135,094	348,369	3,847,923	3,761,908	-2.2	1919	92	57	131	77	58	22	-55.9	-61.2
New Orleans.....pockets (100 lbs.)	71,433	34,646	131,617	1,511,742	810,850	-46.4	1919	80	52	70	37	28	14	-51.5	-73.7
Stocks, end of month:															
Mills and dealers.....pockets (100 lbs.)	429,803	302,640	965,879	-----	-----	-----	1919	144	119	146	88	53	37	-29.6	-68.7
Imports.....pockets (100 lbs.)	32,978	50,364	93,218	377,665	254,479	-32.6	1919	18	68	43	26	21	37	+52.7	-46.0
Exports.....pockets (100 lbs.)	76,847	36,968	262,807	2,101,946	891,129	-57.6	1919	112	84	58	37	24	12	-51.3	-86.0
Other Crops															
Apples, car-lot shipments.....carloads..	2,201	866	468	21,486	28,558	+16.6	1919	22	7	91	50	32	13	-60.7	+85.0
Potatoes, car-lot shipments.....carloads..	17,506	20,470	19,819	109,147	117,318	+7.5	1919	101	132	147	123	117	136	+16.9	+3.1
Onions, car-lot shipments.....carloads..	2,752	981	683	9,252	12,404	+21.5	1919	144	39	109	130	158	56	-64.4	+43.6
Citrus fruits, car-lot shipments.....carloads..	10,817	7,811	7,327	60,999	61,987	+6.5	1919	193	136	227	234	200	145	-27.8	+6.6
Hay, receipts.....tons..	70,455	76,090	60,248	438,721	496,754	+13.2	1919	51	50	67	54	58	63	+8.0	+26.3
Cattle and Calves															
Cattle movement, primary markets:															
Receipts.....thousands..	1,800	1,673	1,636	10,011	10,121	+1.1	1919	93	80	76	85	88	81	-7.1	+2.3
Shipments, total.....thousands..	746	631	643	3,802	3,805	+0.1	1919	80	72	61	70	83	71	-15.4	-1.9
Shipments, stocker and feeder.....thousands..	275	201	236	1,458	1,301	-10.8	1919	68	54	40	54	63	46	-26.9	-14.8
Local slaughter.....thousands..	1,141	1,030	996	6,162	6,340	+2.9	1919	103	87	87	97	100	90	-9.7	+3.4
Beef products, total:															
Inspected slaughter produc.....thous. of lbs..	445,590	382,657	415,703	2,447,159	2,434,192	-0.5	1913	133	126	115	121	135	116	-14.1	-7.9
Apparent consumption.....thous. of lbs..	445,895	376,512	408,162	2,427,893	2,411,589	-0.7	1919	107	97	88	95	106	89	-15.6	-7.8
Exports.....thous. of lbs..	13,911	11,909	14,941	79,833	74,135	-7.1	1913	100	110	95	101	102	87	-14.4	-20.3
Cold-storage holdings (end of month).....thous. of lbs..	66,063	59,343	57,220	-----	-----	-----	1919	27	24	39	33	28	25	-10.2	+3.7
Prices, Chicago:															
Cattle, corn-fed.....dols. per 100 lbs..	10.269	9.575	10.313	-----	-----	-----	1913	112	121	118	127	121	113	-6.8	-7.2
Beef, fresh native steers.....dols. per lb..	.170	.168	.151	-----	-----	-----	1913	112	117	131	131	131	129	-1.2	+11.3
Beef, steer rounds, No. 2.....dols. per lb..	.169	.175	.163	-----	-----	-----	1913	112	125	115	118	129	133	+3.6	+7.4
Hogs and Pork															
Hog movement, primary markets:															
Receipts, primary markets.....thousands..	4,321	4,296	4,200	27,775	29,462	+6.1	1919	121	113	131	117	116	115	-0.6	+2.1
Shipments, primary markets.....thousands..	1,608	1,417	1,408	9,505	10,762	+13.2	1919	121	118	155	131	135	119	-11.8	+0.6
Shipments, stocker and feeder.....thousands..	46	29	63	405	281	-30.6	1919	80	84	61	76	61	39	-37.0	-54.0
Local slaughter.....thousands..	2,735	2,852	2,815	18,260	18,615	+1.9	1919	121	111	117	111	108	112	+4.3	+1.3
Pork products, total:															
Inspected slaughter produc.....thous. of lbs..	720,999	737,102	748,584	4,728,004	4,735,155	+0.2	1913	151	157	166	145	151	154	+2.2	-1.5
Apparent consumption.....thous. of lbs..	680,565	622,880	674,660	3,286,407	3,493,794	+6.3	1919	155	149	134	145	153	162	+5.7	+8.4
Exports.....thous. of lbs..	114,759	109,369	131,708	1,006,349	952,476	-5.4	1913	201	161	214	168	140	132	-4.7	-17.0
Cold-storage holdings (end of month).....thous. of lbs..	1,020,811	1,022,670	1,032,401	-----	-----	-----	1919	168	112	110	109	111	111	+0.2	-0.9
Lard (included in pork products):															
Production.....thous. of lbs..	167,289	166,836	172,279	1,120,335	1,097,820	-2.0	1919	177	176	202	193	190	190	-0.3	-3.2
Exports.....thous. of lbs..	62,648	59,475	64,005	549,293	528,324	-3.7	1919	147	102	159	116	99	71	-5.1	-7.9
Cold-storage holdings (end of month).....thous. of lbs..	128,226	152,685	123,896	-----	-----	-----	1919	92	134	93	111	139	166	+19.1	+23.2
Prices:															
Hogs, heavy, Chicago.....dols. per 100 lbs..	7.444	7.245	6.950	-----	-----	-----	1913	89	83	88	89	89	87	-2.7	+4.2
Hams, smoked, Chicago.....dols. per lb..	.194	.196	.211	-----	-----	-----	1913	127	127	114	111	117	118	+1.0	-7.1
Lard, prime contract, N. Y.....dols. per lb..	.110	.111	.117	-----	-----	-----	1913	105	106	105	102	100	101	+0.9	-5.1
Sheep and Lambs															
Sheep movement, primary markets:															
Receipts, primary markets.....thousands..	1,344	1,550	1,452	9,125	8,718	-4.5	1919	79	64	60	60	59	68	+15.3	+6.7
Shipments, primary markets.....thousands..	629	650	639	4,153	4,012	-3.4	1919	75	53	54	51	52	54	+3.3	+1.7
Shipments, stocker and feeder.....thousands..	118	163	117	869	714	-17.8	1919	37	20	14	18	20	26	+29.7	+30.8
Local slaughter.....thousands..	723	903	817	4,970	4,710	-5.1	1919	84	78	68	69	69	86	+24.9	+10.5
Lamb and mutton:															
Inspected slaughter produc.....thous. of lbs..	37,187	35,097	33,649	225,446	210,434	-2.7	1913	82	74	76	74	81	77	-5.6	+4.3
Apparent consumption.....thous. of lbs..	36,821	34,504	34,213	228,500	219,571	-3.9	1919	90	87	89	86	91	88	-6.3	+0.9
Cold-storage holdings (end of month).....thous. of lbs..	2,272	2,919	3,556	-----	-----	-----	1919	54	43	21	25	27	35	+28.5	-17.9
Prices:															
Sheep, ewes, Chicago.....dols. per 100 lbs..	6.625	4.825	4.813	-----	-----	-----	1913	132	103	213	212	141	103	-27.2	+0.2
Sheep, lambs, Chicago.....dols. per 100 lbs..	14.219	14.725	14.781	-----	-----	-----	1913	169	190	202	205	182	189	+3.6	-0.4

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924				June from May	June, 1924, from June, 1923
	May	June		1923	1924			May	June	Mar.	Apr.	May	June		
FOODSTUFFS—Continued															
Poultry															
Receipts at five markets.....thous. of lbs..	17,742	17,824	16,562	126,908	133,429	+5.1	1919	68	84	85	79	90	90	+0.5	+7.6
Cold-storage holdings (end of month).....thous. of lbs..	39,247	34,832	49,100				1919	88	76	117	80	61	54	-1.2	-29.1
Fish															
Total catch, prin. fishing ports.....thous. of lbs..	17,346	17,792	16,931	82,493	91,731	+11.2	1919	89	98	101	95	100	103	+2.6	+5.1
Cold-storage holdings, 15th of mo.....thous. of lbs..	21,840	26,986	17,780				1919	20	29	48	35	35	44	+23.6	+51.8
Canned salmon, shipment.....cases	200,300	337,809	445,127	1,850,735	1,744,422	-5.7								+68.7	-24.1
Dairy Products															
Condensed and evaporated milk:															
Stocks.....thous. of lbs..	199,432	286,994	190,343				1920	78	88	58	66	92	132	+43.9	+50.8
Exports.....thous. of lbs..	13,921	11,461	11,189	88,500	107,850	+21.9	1919	23	16	18	22	20	16	-17.7	+2.4
Receipts at five markets:															
Butter.....thous. of lbs..	65,366	92,155	90,415	343,638	341,451	-0.6	1919	142	197	89	114	142	201	+41.0	+1.9
Cheese.....thous. of lbs..	19,010	21,639	25,421	101,848	100,541	-1.3	1919	117	156	79	101	117	133	+13.8	-14.9
Eggs.....thous. of cases..	2,610	1,823	2,072	11,195	9,828	-12.2	1919	243	174	101	209	220	153	-30.2	-12.0
Cold-storage holdings (end of month):															
Creamery butter.....thous. of lbs..	22,328	74,446	62,768				1916-20	18	111	14	16	39	132	+233.4	+18.6
American cheese.....thous. of lbs..	27,148	45,517	36,834				1916-20	47	93	75	70	72	121	+67.7	+24.6
Case eggs.....thous. of cases..	6,944	8,697	10,222				1916-20	227	294	16	104	200	251	+25.2	-14.9
Wholesale prices at five markets:															
Butter.....dolls. per lb..	.383	.401	.403				1919	70	68	78	65	65	68	+4.7	-0.5
Cheese.....dolls. per lb..	.184	.195	.238				1919	72	77	68	59	59	63	+6.0	-18.1
Fluid milk:															
Receipts—															
Boston (incl. cream).....thous. of qts..	17,263		17,051	74,283	77,558	+4.4	1919	131	137	120	121	132			
Greater New York.....thous. of cans..	2,577	2,637	2,747	14,061	14,679	+4.4	1913	170	184	165	100	172	176	+2.3	-4.0
Production, Minneapolis.....thous. of lbs..	25,593		20,526	88,296	115,769	+31.1	1919	287	293	332	324	357			
Sugar															
Raw:															
Imports.....long tons..	370,001	326,913	310,712	2,134,366	2,188,865	+2.6	1913	209	177	266	219	211	186	-11.6	+5.2
Meltings, 8 ports.....long tons..	432,206	468,314	396,265	2,461,363	2,443,513	-0.7	1919	146	122	142	131	133	133	+8.4	+18.2
Stocks at refineries (end of month).....long tons..	338,092	367,971	293,023				1919	331	307	248	290	354	356	+8.8	+25.5
Refined, exports.....long tons..	30,955	22,329	31,669	180,460	102,819	-43.0	1909-13	1470	1072	488	858	1018	756	-25.7	-29.6
Cane, domestic:															
Receipts at New Orleans.....long tons..	347	331	585	38,277	25,035	-34.6	1913	4	4	1	1	2	2	-4.6	-43.4
Prices:															
Wholesale, 96^o centrifugal,															
N. Y.....dolls. per lb..	.056	.051	.074				1913	227	213	197	182	161	145	-8.9	-31.1
Wholesale, refined, N. Y.....dolls. per lb..	.073	.065	.092				1913	220	215	199	186	170	152	-11.0	-29.3
Retail, average 51 cities.....index number							1913	204	202	189	181	167	151	-9.6	-25.8
Cuban movement:															
Receipts at Cuban ports.....long tons..	375,924	141,663	180,755	3,115,013	3,292,611	+5.7	1919	90	55	257	193	114	43	-62.3	-21.6
Exports.....long tons..	376,019	291,008	272,957	2,564,901	2,530,181	-1.4	1919	84	48	189	117	116	89	-22.6	+6.6
Stocks, end of month.....long tons..	929,239	788,141	590,209				1919	104	92	102	146	144	122	-15.2	+33.5
Coffee															
Imports.....thous. of lbs..	121,600	110,101	71,140	699,088	718,820	+2.8	1909-13	120	94	169	148	161	146	-9.5	+54.8
Visible supply:															
World.....thous. of bags ¹³	4,665	5,020	5,297				1913	46	45	33	37	39	42	+7.6	-5.2
United States.....thous. of bags ¹³	657	760	860				1913	45	47	36	35	36	41	+15.7	-11.6
Receipts total, Brazil.....thous. of bags ¹³	1,073	1,110	577	3,764	6,712	+78.3	1913	31	60	116	118	112	116	+3.4	+92.4
Clearances:															
Total, Brazil, for world.....thous. of bags ¹³	940	1,039	717	5,643	6,153	+9.0	1913	69	72	112	74	95	105	+10.5	+44.9
Total, Brazil, for U. S.....thous. of bags ¹³	466	634	309	2,999	3,279	+9.3	1913	91	79	147	113	119	161	+36.1	+105.2
Tea															
Imports.....thous. of lbs..	4,173	6,344	6,710	34,760	35,527	+2.2	1909-13	66	81	74	72	51	77	+52.0	+5.5
TOBACCO															
Consumption (tax-paid withdrawals):															
Large cigars.....millions..	553		576	2,749	2,573	-7.5	1913	91	94	82	79	88			
Small cigarettes.....millions..	6,392		5,555	25,282	28,003	+11.1	1913	429	450	466	411	493			
Manufactured tobacco and snuff.....thous. of lbs..	34,948		36,361	176,568	176,205	-0.2	1913	98	97	94	89	94			
Exports:															
Unmanufactured leaf.....thous. of lbs..	43,950	55,851	51,762	221,331	322,452	+45.7	1909-13	92	165	209	203	140	178	+27.1	+7.9
Cigarettes.....millions..	1,165	1,216	1,024	5,819	5,823	+0.1	1913	582	530	340	587	603	629	+4.4	+18.8
Sales of loose-leaf warehouses.....thous. of lbs..	4,795	1,698	349	120,613	160,409	+33.0	1919	1	(16)	29	6	6		-64.6	+386.5
Price, wholesale, Burley good leaf, dark red, Louisville.....dolls. per 100 lbs..	28.00	25.38	27.80				1913	208	211	212	212	212	192	-9.4	-8.7
Stocks (reported quarterly):															
Chewing, smoking, snuff, and export:															
Cigar tobacco.....mills. of lbs..	1,456	1,328	1,196				1913	164	148	183			164	-10.6	+11.0
Total, including imported.....mills. of lbs..	2,421	443	425				1913	119	115	114			120	+5.2	+4.2
	1,977	1,844	1,698				1913	150	138	160			149	-8.7	+8.6

¹ Quarter ending March 31.¹³ Coffee bags average 132 pounds each.¹⁶ Index number less than 1.

TREND OF BUSINESS MOVEMENTS—Continued

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	May	June		1923	1924			May	June	Mar.	Apr.			May	June
TRANSPORTATION															
River and Canal Cargo Traffic															
Panama Canal:															
Total cargo traffic.....thous. of long tons..	2,354	2,023	2,096	11,642	13,470	+15.8	1915	555	515	558	530	578	497	-14.1	-3.5
In American vessels.....thous. of long tons..	1,334	1,159	1,401	7,185	7,916	+10.2	1915	824	772	753	711	732	635	-13.1	-17.7
In British vessels.....thous. of long tons..	630	533	463	2,601	3,288	+26.4	1915	219	253	274	286	311	291	-15.4	+15.1
Sault Ste. Marie Canal.....thous. of short tons..	9,873	11,077	13,750	24,395	22,560	-7.5	1913	167	138	-----	16	99	111	+12.2	-19.6
Suez Canal.....thous. of metric tons..	2,115	1,743	1,668	11,286	12,414	+10.0	1919	170	143	195	193	182	150	-17.6	+4.5
Ohio River, Pittsburgh, Pa., to Wheeling, W. Va.....short tons..	606,667	501,075	627,130	2,624,315	2,583,975	-1.5	1922	201	210	162	138	203	168	-17.4	-20.1
Ocean Transportation															
Entrance, vessels in foreign trade:															
Total.....thous. of net tons..	6,551	6,311	6,003	30,116	31,449	+4.4	1913	134	134	104	115	148	142	-3.7	+5.1
American.....thous. of net tons..	3,324	2,625	2,620	12,529	13,806	+10.2	1913	217	223	167	197	283	224	-23.2	+0.2
Foreign.....thous. of net tons..	3,227	3,687	3,384	17,589	17,645	+0.3	1913	105	102	81	85	99	113	+14.3	+9.0
Clearances, vessels in foreign trade:															
Total.....thous. of net tons..	6,461	6,060	6,124	30,249	31,606	+4.5	1913	132	137	101	118	144	135	-6.2	-1.0
American.....thous. of net tons..	3,242	2,489	2,649	12,515	13,937	+11.4	1913	209	212	160	198	259	199	-23.2	-6.0
Foreign.....thous. of net tons..	3,222	3,572	3,475	17,732	17,671	-0.3	1913	104	107	78	88	100	110	+10.9	+2.8
Freight rates, Atlantic ports to:															
United Kingdom.....weighted index number..	-----	-----	-----	-----	-----	-----	1920	22	22	30	28	28	25	-12.0	+13.1
All Europe.....weighted index number..	-----	-----	-----	-----	-----	-----	1920	22	21	25	25	26	23	-9.3	+9.4
Freight Cars															
Surplus (daily av. last week of month):															
Box.....number..	133,216	153,550	34,753	-----	-----	-----	1919	19	42	90	124	162	167	+15.3	+341.8
Coal.....number..	169,913	162,348	4,269	-----	-----	-----	1919	5	6	180	253	223	215	-3.9	+280.3
Total.....number..	338,520	356,898	58,671	-----	-----	-----	1919	17	31	131	174	179	168	+5.3	+507.4
Shortage (daily av. last week of month):															
Box.....number..	43	64	2,054	-----	-----	-----	1919	16	11	(C)	(C)	(C)	(C)	+38.8	-96.0
Coal.....number..	17	3	7,976	-----	-----	-----	1919	271	100	3	2	(C)	(C)	-82.4	-100.0
Total.....number..	151	98	11,896	-----	-----	-----	1919	67	49	2	(C)	(C)	(C)	-26.1	-99.2
Cars in bad order:															
Total.....cars..	180,210	194,869	160,411	-----	-----	-----	1913	139	125	113	118	121	129	+3.0	+2.3
Ratio to total in use.....per cent..	8.3	8.5	9.2	-----	-----	-----	1913	138	133	112	116	122	125	+2.4	-7.6
Car loadings (monthly totals):															
Total.....thous. of cars..	3,655	4,445	4,977	24,002	23,187	-3.4	1919	113	143	132	100	105	128	+21.6	-10.7
Grain and grain products.....thous. of cars..	160	188	172	1,021	1,082	+6.0	1919	80	101	127	87	95	111	+17.5	+9.3
Livestock.....thous. of cars..	127	148	151	814	821	+1.2	1919	87	105	108	82	89	103	+16.5	-2.0
Coal.....thous. of cars..	575	725	992	5,084	4,395	-13.6	1919	105	133	122	72	77	97	+26.1	-26.9
Forest products.....thous. of cars..	297	341	385	1,899	1,921	+1.2	1919	123	156	164	123	120	138	+14.8	-11.4
Ore.....thous. of cars..	190	294	392	850	691	-18.3	1919	145	242	35	43	123	181	+47.7	-25.0
Merchandise and misc.....thous. of cars..	2,297	2,750	2,886	14,233	14,275	+0.3	1919	117	143	142	115	114	136	+19.7	-4.7
Railroad Operations															
Revenue:															
Freight.....thous. of dolls..	344,711	323,338	387,267	2,271,647	2,068,495	-8.0	1913	229	219	210	194	195	183	-0.2	-16.5
Passenger.....thous. of dolls..	85,008	98,970	102,822	539,174	529,013	-1.9	1913	156	179	151	148	149	167	+12.1	-6.7
Total operating.....thous. of dolls..	477,433	465,655	541,328	3,098,662	2,870,331	-7.3	1913	215	212	168	186	187	183	-2.5	-14.0
Operating expenses.....thous. of dolls..	381,402	364,174	410,748	2,445,193	2,273,226	-7.0	1913	231	229	215	205	210	200	-4.5	-12.6
Net operating income:															
Total.....thous. of dolls..	60,654	65,529	88,273	446,637	390,718	-12.5	1913	150	146	134	103	101	109	+8.0	-25.8
Freight carried.....mills. ton-miles..	33,891	31,950	38,061	225,479	204,638	-9.2	1913	145	139	133	117	121	117	-5.7	-15.9
Locomotives in bad order, 1st of following month:															
Number.....	10,875	11,034	11,450	-----	-----	-----	1913	101	93	73	74	70	71	+1.5	-3.6
Per cent to total on line.....per cent..	16.9	17.1	18.0	-----	-----	-----	1913	101	93	73	75	-----	-----	+1.2	-5.0
Passenger Travel															
Railroads:															
Pullman passengers carried.....thousands..	2,685	3,119	3,172	16,163	16,331	+1.0	1913	129	153	127	129	130	150	+16.1	-1.3
National parks:															
Visitors.....number..	97,794	210,196	154,020	326,996	487,370	+49.0	1920	81	234	68	85	142	305	+114.9	+36.5
Automobiles entered.....number..	7,274	32,330	17,641	26,145	46,400	+77.5	1920	79	244	27	29	101	447	+344.5	+83.3
Arrivals from abroad:															
Aliens.....number..	49,215	55,370	58,477	320,869	294,101	-8.3	1913	56	49	41	47	41	47	-12.5	-5.3
United States citizens.....number..	19,607	-----	21,161	107,767	106,805	-0.9	1913	86	79	102	90	80	-----	-----	-----
Departures abroad:															
Aliens.....number..	21,091	21,322	17,073	79,046	96,536	+22.1	1913	32	35	24	31	41	42	+1.1	+18.6
United States citizens.....number..	25,467	33,501	30,067	126,539	144,250	+13.7	1913	69	109	65	69	85	111	+31.6	+11.4
Passports issued.....number..	26,347	22,207	18,710	80,787	94,237	+16.6	1913	1171	958	611	1001	1348	1136	-15.7	+18.7
PUBLIC UTILITIES															
Telephone companies:															
Operating revenues.....thous. of dolls..	48,217	47,546	43,952	261,152	281,115	+7.6	1913	341	332	357	358	367	362	-1.2	+8.2
Operating income.....thous. of dolls..	10,269	10,606	9,354	64,050	59,101	-7.7	1913	271	285	272	279	277	270	-2.4	+7.0
Telegraph companies:															
Commercial telegraph tolls.....thous. of dolls..	8,874	8,808	9,147	53,829	52,639	-2.2	1919	121	120	117	116	117	116	-0.7	-3.7
Operating revenues.....thous. of dolls..	11,083	10,992	11,265	66,295	65,332	-1.5	1919	112	112	109	108	110	109	-0.8	-2.4
Operating income.....thous. of dolls..	1,498	1,459	1,632	9,798	8,454	-13.3	1919	93	100	85	88	92	89	-2.6	-10.6
Central electric stations:															
Production, electric power--															
Total.....mills. of kw. hours..	4,793	4,579	4,523	27,456	29,119	+6.1	1919	143	139	154	146	148	141	-4.5	+1.2
By water power.....mills. of kw. hours..	1,954	1,765	1,759	10,270	10,539	+2.5	1919	138	144	141	153	161	145	-9.7	+0.3
By fuels.....mills. of kw. hours..	2,839	2,814	2,765	17,186	18,580	+8.2	1919	135	136	161	142	140	139	-0.9	+1.8
Consumption of fuels--															
Coal.....thous. of short tons..	2,816	2,701	2,955	19,024	22,301	+17.2	1919	101	101	111	99	96	92	-1.0	-8.5
Oil.....thous. of barrels..	1,207	1,306	1,035	6,601	8,452	+28.0	1919	110	112	167	134	131	142	+8.2	+26.2
Gas.....millions of cu. ft..	3,018	3,731	2,860	14,691	17,823	+22.7	1919	154	160	179	153	169	209	+23.6	+30.5
Gross revenue, sales.....thous. of dolls..	108,200	-----	99,000	522,400	586,030	+12.2	1913	381	381	448	429	416	-----	-----	-----

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Relative number less than 1.

TREND OF BUSINESS MOVEMENTS—Continued

NOTE.—Detailed tables displaying complete data for the period January, 1922, to June, 1924, covering all items are given in this number. Consult index at end of bulletin. In many cases July figures are now available and may be found in the special table on page 31	NUMERICAL DATA					Per ct. increase (+) or decrease (-) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per cent increase (+) or decrease (-)	
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		June from May	June, 1924, from June, 1923		
	May	June		1923	1924			May	June	Mar.	Apr.			May	June
EMPLOYMENT															
(Index numbers relative to 1923)															
Number employed, by industries:															
Total, all classes							1923	102	102	96	95	91	88	-3.3	-13.7
Food products							1923	96	96	97	93	92	94	+2.2	-2.1
Textiles							1923	103	101	96	91	87	84	-3.4	-16.8
Iron and steel							1923	102	104	85	94	89	85	-4.5	-13.3
Lumber							1923	101	102	97	98	97	95	-2.1	-6.9
Leather							1923	100	97	77	92	88	83	-5.7	-6.3
Paper and printing							1923	100	100	101	101	100	99	-1.0	-1.0
Chemicals							1923	102	99	103	101	92	85	-7.6	-14.1
Stones, clay, and glass							1923	101	105	99	102	102	99	-2.9	-5.7
Metals, exc. iron and steel							1923	107	103	105	100	94	87	-7.4	-15.5
Tobacco products							1923	100	100	95	92	92	92	0.0	-8.0
Vehicles							1923	101	103	90	95	90	85	-5.6	-7.3
Miscellaneous							1923	105	104	90	94	88	85	-3.4	-8.3
Number employed, State and city reports:															
New York State.....thousands	503	489	555				1914	117	116	113	110	100	97	-3.0	-6.4
Detroit.....thousands	206	198	222				1920	130	125	134	130	116	111	-4.3	-11.2
Wisconsin.....index number							1915	124	124	126	123	116	111	-4.0	-10.3
Illinois.....index number							1922	114	114	109	107	103	101	-3.4	-11.5
Massachusetts.....index number							1922	109	107	97	92	88	86	-2.5	-19.6
Total pay roll:															
New York State.....thous. of dolls.	13,847	13,317	15,460				1914	261	260	256	235	219	201	-3.8	-13.9
Wisconsin.....index number							1915	280	280	280	276	266	243	-8.6	-13.2
Average weekly earnings:															
New York State.....dolls.	27.54	27.21	27.85				1914	221	223	226	223	221	218	-1.2	-2.3
Illinois.....index number							1915	113	115	111	112	111	111	-0.9	-3.7
Wisconsin.....index number							1922	227	226	231	226	230	219	-4.8	-3.1
Massachusetts.....index number							1922	231	230	222	219	216	214	-1.3	-7.0
DISTRIBUTION MOVEMENT															
Mall-order houses:															
Total sales.....thous. of dolls.	27,404	26,078	24,945	171,212	180,644	+5.5	1913	260	221	279	300	243	239	-1.6	+8.1
Sears, Roebuck & Co.....thous. of dolls.	16,318	13,939	13,333	106,776	104,918	-1.7	1913	252	167	218	232	205	175	-14.6	+4.5
Montgomery Ward & Co.....thous. of dolls.	11,086	13,039	11,612	64,436	75,726	+17.5	1913	326	351	425	415	335	394	+17.6	+12.3
Ten-cent stores:															
Total sales.....thous. of dolls.	29,212	27,210	25,785	141,176	157,988	+11.0	1913	322	323	343	373	366	341	-6.9	+5.5
F. W. Woolworth & Co.....thous. of dolls.	17,075	15,335	14,912	81,703	91,285	+11.7	1913	263	270	288	313	309	281	-9.7	+3.3
Number of stores operated	1,230	1,316	1,218												
S. S. Kresge Co.....thous. of dolls.	7,157	6,478	6,485	35,612	39,356	+10.5	1913	576	537	622	667	648	586	-9.5	-0.1
Number of stores operated	240	240	220												
McCrary Stores Corp.....thous. of dolls.	1,963	1,877	1,711	9,072	10,724	+18.2	1913	361	380	408	464	436	417	-4.4	+9.7
Number of stores operated	169	170	165												
S. H. Kress & Co.....thous. of dolls.	3,017	3,370	2,677	14,778	16,623	+12.5	1913	321	298	304	336	336	375	+11.7	+25.9
Number of stores operated	154	157	146												
Restaurant chains:															
Total sales, 2 chains.....thous. of dolls.	3,031	2,896	2,939	17,865	17,901	+0.2	1920	117	112	117	113	116	109	-5.6	-2.5
Stores operated.....number	221	221													
Child's Co.....thous. of dolls.	1,896	1,820	1,841	11,218	11,336	+0.8	1913	271	259	273	266	267	266	-4.0	-1.1
Waldorf system.....thous. of dolls.	1,135	1,046	1,098	6,617	6,565	-0.8	1920	146	139	142	136	144	132	-7.8	-4.7
Chain stores:															
J. C. Penney Co.....thous. of dolls.	6,143	5,627	5,240	24,740	29,652	+19.9	1913	2287	2382	2161	2705	2792	2558	-8.4	+7.4
Number of stores	499	500	383												
United Cigar Stores Co.....thous. of dolls.	6,494	5,914	6,312	35,398	35,498	+0.3	1913	200	257	250	240	263	240	-8.9	-6.7
Number of stores	2,497	2,508	2,501												
A. Schulte (Inc.).....thous. of dolls.	1,937	1,766	1,655	9,003	10,505	+16.7	1919	239	246	270	258	288	263	-8.8	+6.7
Number of stores	247	250	240												
Owl Drug Co.....thous. of dolls.	1,390	1,390	1,501	7,893	8,235	+4.3	1913	412	462	434	372	428	428	0.0	-7.4
Number of stores	85	85	73												
Candy sales by manufacturers.....thous. of dolls.	32,483		31,073	166,516	170,465	+2.3	1921	78	72	69	85	82			
Magazine advertising (for following month):															
Newspaper advertising.....thous. of lines	2,212	1,658	1,726	13,533	14,673	+8.4	1913	172	141	203	197	181	135	-25.0	-3.9
Postal receipts, 50 selected cities.....thous. of dolls.	105,560	97,668	97,830	594,229	595,928	+0.3	1919	130	117	124	128	125	116	-7.5	-0.2
Postal receipts, 50 industrial cities.....thous. of dolls.	25,915	23,524	23,802	143,965	155,115	+4.1	1919	135	125	149	146	141	128	-9.2	-1.2
Money orders:															
Domestic, paid (50 cities)—															
Quantity.....number	8,006	10,659	10,683	63,459	64,033	+0.9	1919	157	137	154	155	103	137	+33.1	-0.2
Value.....thous. of dolls.	81,618	77,450	78,690	402,978	508,868	+9.9	1919	122	120	166	135	125	119	-5.1	-1.5
Domestic, issued (50 cities)—															
Quantity.....number	2,950	2,891	2,657	15,950	18,004	+13.4	1919	141	140	176	162	156	163	-1.9	+8.9
Value.....thous. of dolls.	30,434	28,405	27,723	165,698	179,774	+8.5	1919	130	128	153	140	140	131	-6.7	+2.5
Foreign issued.....thous. of dolls.	3,265	3,050	2,904	15,737	18,188	+15.7	1919	98	105	116	103	110	103	-6.6	+5.0
Internal-revenue taxes collected:															
Theater admissions.....thous. of dolls.	6,572		31,976	34,972		+19.4	1919	122	117	123	132	122			
Firearms and shells.....thous. of dolls.	126		388	648		-52.1	1910	121	142	40	49	39			
Jewelry, watches, and clocks.....thous. of dolls.	1,500		11,055	11,968		+8.3	1919	122	133	114	124	125			
Bond and stock issues and conveyances.....thous. of dolls.	3,815		20,845	19,073		-8.5	1919	119	115	104	108	107			
Capital stock transfers.....thous. of dolls.	674		4,370	3,948		-0.6	1919	74	82	76	69	66			

b May, 1923.

a Cumulatives for 7-month period, January to July, inclusive.

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May of June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		1921		June from May	June, 1924, from June, 1923	
	May	June		1923	1924			May	June	Mar.	Apr.	May	June			
BANKING AND FINANCE																
Life Insurance																
<i>(Association of Life Insurance Presidents)</i>																
Policies, new (40 companies):																
Ordinary.....	thous. of policies	208	193	201	1,102	1,154	+4.7	1913	264	272	293	273	281	261	-7.5	-4.0
Industrial.....	thous. of policies	761	674	693	4,207	4,250	+1.0	1913	210	183	183	186	200	177	-11.4	-21.7
Group.....	number of policies	74	69	97	521	413	-19.8	1913	218	197	201	200	217	190	-6.8	-25.9
Total insurance.....	thous. of policies	944	867	895	5,311	5,404	+1.8	1913	218	197	201	200	217	190	-11.9	-3.1
Amount of new insurance (40 companies):																
Ordinary.....	thous. of dolls.	546,851	516,026	527,995	2,880,376	3,085,088	+7.1	1913	388	400	435	401	415	392	-5.5	-2.2
Industrial.....	thous. of dolls.	173,629	154,495	147,444	883,164	966,801	+9.5	1913	313	285	302	305	341	298	-11.0	-1.8
Group.....	thous. of dolls.	27,897	10,553	62,054	158,821	126,694	-20.2	1913	2682	3580	1786	2779	1931	1115	-40.7	-68.2
Total insurance.....	thous. of dolls.	748,377	687,075	727,493	3,922,363	4,178,671	+6.5	1913	380	393	408	391	404	371	-8.1	-5.5
Premium collections (40 companies):																
Ordinary.....	thous. of dolls.	128,613	127,837	91,351	566,337	701,755	+23.9	1913	262	255	339	332	318	315	-0.4	+35.5
Industrial.....	thous. of dolls.	32,963	32,744	29,163	166,725	187,823	+12.7	1913	254	271	301	271	305	304	-0.7	+12.3
Group.....	thous. of dolls.	1,919	1,858	1,397	9,563	11,157	+17.4	1913	184	1506	639	679	619	661	-3.8	+33.0
Total.....	thous. of dolls.	163,495	162,439	124,920	742,566	900,733	+21.3	1913	263	261	321	322	312	311	-0.6	+30.1
Admitted life insurance assets:																
Grand total (41 companies).....	mills. of dolls.	7,994	8,063	7,370	.....	.....	.....	1923	99	99	106	107	104	103	+0.9	+0.4
Mortgage loans—																
Total.....	mills. of dolls.	3,084	3,120	2,675	.....	.....	.....	1923	93	99	112	113	114	116	+1.2	+16.6
Farm.....	mills. of dolls.	1,394	1,396	1,266	.....	.....	.....	1923	99	100	109	110	111	111	+0.1	+10.3
All other.....	mills. of dolls.	1,691	1,724	1,409	.....	.....	.....	1923	97	98	114	116	118	120	+2.0	+22.4
Bonds and stocks (book values):																
Total.....	mills. of dolls.	3,403	3,413	3,327	.....	.....	.....	1923	100	100	101	102	102	103	+0.3	+2.6
Government.....	mills. of dolls.	1,124	1,111	1,218	.....	.....	.....	1923	160	100	95	94	62	91	-1.2	-8.8
Railroad.....	mills. of dolls.	1,833	1,845	1,734	.....	.....	.....	1923	100	100	103	104	105	105	+0.7	+5.2
Public utilities.....	mills. of dolls.	354	360	281	.....	.....	.....	1923	98	100	119	123	126	132	+1.7	+28.1
All others.....	mills. of dolls.	93	97	74	.....	.....	.....	1923	95	95	116	119	121	125	+4.3	+31.1
Policy loans and premium notes.....																
Total.....	mills. of dolls.	987	996	924	.....	.....	.....	1923	99	100	105	106	106	107	+1.8	+7.8
Other admitted assets.....	mills. of dolls.	519	534	443	.....	.....	.....	1923	100	96	113	113	113	116	+2.9	+20.5
<i>(Life Insurance Sales Research Bureau)</i>																
Sales of ordinary life insurance (81 companies):																
United States total.....	thous. of dolls.	638,763	.....	623,957	2,738,824	3,054,058	+11.5	1921	147	139	157	156	150	.....	.....	.....
Eastern manuf. district.....	thous. of dolls.	252,343	.....	244,865	1,085,045	1,237,735	+16.8	1921	159	142	179	178	164	.....	.....	.....
Western manuf. district.....	thous. of dolls.	139,517	.....	132,998	592,663	674,916	+12.6	1921	148	144	165	159	153	.....	.....	.....
Western agric. district.....	thous. of dolls.	95,914	.....	101,387	444,436	451,887	+1.6	1921	129	122	119	122	123	.....	.....	.....
Southern district.....	thous. of dolls.	78,975	.....	81,780	357,807	365,393	+2.1	1921	143	113	113	143	138	.....	.....	.....
Far Western district.....	thous. of dolls.	68,019	.....	61,927	260,372	304,107	+16.8	1921	146	143	152	153	160	.....	.....	.....
Banking																
Debits to individual accounts:																
New York City.....	mills. of dolls.	21,406	21,926	21,041	125,870	127,432	+1.2	1919	102	103	104	102	108	108	+2.4	+4.2
Outside New York City.....	mills. of dolls.	18,639	18,304	19,531	114,768	111,901	-2.5	1919	116	111	109	108	106	104	-1.8	-6.3
Bank clearings:																
New York City.....	mills. of dolls.	20,722	19,938	18,675	103,227	119,465	+15.7	1913	211	237	219	258	261	253	-3.4	+6.9
Outside New York City.....	mills. of dolls.	15,833	15,294	16,116	91,981	94,660	-0.3	1913	285	280	280	278	275	266	-3.0	-5.3
Federal reserve banks:																
Bills discounted.....	mills. of dolls.	430	350	775	.....	.....	.....	1919	38	40	25	23	22	15	-18.6	-51.8
Notes in circulation.....	mills. of dolls.	1,891	1,844	2,227	.....	.....	.....	1919	86	85	76	74	72	70	-2.5	-17.2
Total investments.....	mills. of dolls.	421	476	339	.....	.....	.....	1919	76	57	78	72	71	80	+13.1	+40.4
Total reserves.....	mills. of dolls.	3,214	3,271	3,292	.....	.....	.....	1919	146	146	147	147	149	.....	.....	.....
Total deposits.....	mills. of dolls.	1,907	2,108	1,937	.....	.....	.....	1919	101	100	104	101	103	109	+9.2	+8.8
Reserve ratio.....	per cent.	82.7	82.8	76.9	.....	.....	.....	1919	152	153	161	163	165	165	0.0	+7.8
Federal reserve member banks:																
Total loans and discounts.....	mills. of dolls.	11,951	12,142	11,850	.....	.....	.....	1921	99	99	101	102	100	102	+1.6	+2.5
Total investments.....	mills. of dolls.	4,669	4,827	4,692	.....	.....	.....	1921	139	139	134	135	138	143	+3.6	+2.9
Net demand deposits.....	mills. of dolls.	11,403	11,837	11,104	.....	.....	.....	1921	106	105	106	108	108	112	-0.6	+6.6
Interest rates:																
New York call loans.....	per cent.	3.63	2.25	4.88	.....	.....	.....	1913	146	148	122	135	110	68	-38.2	-51.1
Commercial paper, 60-90 days.....	per cent.	4.23	3.91	4.88	.....	.....	.....	1913	93	88	83	84	77	71	-7.8	-19.3
Saving deposits, by Federal reserve districts (balance to credit of depositors):																
Total, 848 banks.....	thous. of dolls.	7,001,598	7,089,775	6,632,093	.....	.....	.....	1920	120	122	129	129	129	130	+1.3	+6.9
Boston, 64 banks.....	thous. of dolls.	1,249,097	1,276,624	1,188,854	.....	.....	.....	1920	114	115	120	120	121	121	+0.6	+5.7
New York, 30 banks.....	thous. of dolls.	1,945,064	1,981,709	1,859,503	.....	.....	.....	1920	119	121	127	127	127	129	+1.9	+6.6
Philadelphia, 78 banks.....	thous. of dolls.	487,460	488,816	456,910	.....	.....	.....	1920	117	117	125	125	125	125	+0.3	+7.0
Cleveland, 18 banks.....	thous. of dolls.	471,062	467,618	430,919	.....	.....	.....	1920	122	125	135	135	136	135	-0.7	+8.5
Richmond, 91 banks.....	thous. of dolls.	309,589	318,352	291,721	.....	.....	.....	1920	139	129	131	137	137	140	+1.9	+8.1
Atlanta, 96 banks.....	thous. of dolls.	229,719	231,474	218,535	.....	.....	.....	1920	126	130	135	135	136	139	+2.1	+7.1
Chicago, 209 banks.....	thous. of dolls.	904,430	916,257	867,735	.....	.....	.....	1920	113	115	120	120	122	122	+1.3	+5.6
St. Louis, 32 banks.....	thous. of dolls.	139,262	138,530	129,967	.....	.....	.....	1920	142	143	150	152	151	153	-0.5	+6.7
Minneapolis, 15 banks.....	thous. of dolls.	89,735	90,892	89,123	.....	.....	.....	1920	123	124	130	130	125	127	+1.3	+2.0
Kansas City, 56 banks.....	thous. of dolls.	110,328	111,942	106,623	.....	.....	.....	1920	128	132	134	135	136	138	+1.5	+5.0
Dallas, 85 banks.....	thous. of dolls.	66,020	68,035	69,976	.....	.....	.....	1920	133	134	146	147	147	152	+3.1	+13.4
San Francisco, 72 banks.....	thous. of dolls.	939,232	1,019,815	934,834	.....	.....	.....	1920	130	133	144	143	143	146	+2.0	+9.1
U. S. Postal Savings banks.....	thous. of dolls.	133,072	132,653	131,671	.....	.....	.....	1913	331	331	331	333	335	334	-0.3	+0.7
New York State savings banks.....	thous. of dolls.	3,208,840	3,267,717	3,040,789	.....	.....	.....	1913	.....	176	187	189	186	189	+1.8	+7.5
Public Finance																
Government debt:																
Interest-bearing.....	mills. of dolls.	21,287	20,981	22,008	133,638	128,074	-4.2	1919	88	87	85	85	84	83	-1.4	-4.7
Total gross debt.....	mills. of dolls.	21,545	21,251	22,350	135,799	129,662	-4.5	1919	89	88	85	85	85	83	-1.4	-4.9
Customs receipts.....	thous. of dolls.	45,221	43,276	50,623	313,096	275,878	-11.9	1913	198	159	194	172	171	163	-4.3	-13.5
Total ordinary receipts.....	thous. of dolls.	190,408	601,586	630,981	2,136,086	2,042,597	-4.4	1913	350	1046	1072	355	316	697	+215.9	-4.7
Expenditures chargeable to ordinary receipts.....																
Total.....	thous. of dolls.	250,085	288,055	351,081	1,842,088	1,631,365	-11.5	1913	528	581	481	541	423	476	+12.5	-18.0
Money in circulation:																
Total.....	mills. of dolls.	4,815	4,755	4,729	.....	.....	.....	1919	98	99	100	99	100	99	-1.2	+0.5
Per capita.....	dollars.															

TREND OF BUSINESS MOVEMENTS—Continued

NOTE.—Detailed tables displaying complete data for the period January, 1922, to June, 1924, covering all items are given in this number. Consult index at end of bulletin. In many cases July figures are now available and may be found in the special table on page 31.	NUMERICAL DATA					Per ct. increase (+) or decrease (—) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per cent increase (+) or decrease (—)	
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		1924		June from May	June, 1924, from June, 1923
	May	June		1923	1924			May	June	Mar.	Apr.	May	June		
BANKING AND FINANCE—Continued															
Business Failures															
Liabilities:															
Total commercial.....thous. of dolls..	36,591	34,099	28,722	259,380	304,460	+17.4	1913	180	126	428	214	160	145	-6.8	+18.7
Manufacturing establishments.....thous. of dolls..	17,757	16,646	11,703	124,994	175,731	+40.6	1913	161	113	703	223	171	161	-6.3	+42.2
Trade establishments.....thous. of dolls..	15,346	14,810	12,413	111,936	165,238	-6.0	1913	198	130	201	195	160	155	-3.5	+19.3
Agents and brokers.....thous. of dolls..	3,488	2,643	4,606	22,430	23,490	+4.7	1913	187	161	194	246	122	92	-24.2	-42.6
Banks (quarterly).....thous. of dolls..	100,276	52,953	36,700				1913	153	465	127			671	-47.2	+44.3
Firms:															
Total commercial.....number..	1,816	1,607	1,358	9,724	10,785	+10.9	1913	115	102	136	128	136	120	-11.5	+18.3
Manufacturing establishments.....	507	429	348	2,421	2,771	+14.5	1913	114	99	137	124	144	124	-13.4	+26.1
Trade establishments.....number..	1,215	1,054	970	6,990	7,389	+5.7	1913	115	104	124	127	131	113	-13.3	+8.7
Agents and brokers.....number..	94	84	40	313	495	+58.1	1913	111	74	146	169	174	156	-10.6	+110.0
Banks (quarterly).....number..	265	163	64				1913	217	213	883			543	-38.5	+154.7
Dividend and Interest Payments															
<i>(For following month)</i>															
Grand total.....thous. of dolls..	303,740	396,880	366,025	172,226,771	172,328,166	+4.6	1913	199	247	260	214	206	268	+29.8	+8.4
Dividend payments:															
Total.....thous. of dolls..	64,840	103,440	101,575	17,691,750	17,629,686	+4.6	1913	66	145	131	80	93	152	+64.2	+492.4
Indus. and misc. corp.....thous. of dolls..	38,935	54,269	32,675	17,320,365	17,333,070	+4.0	1913	66	138	151	72	101	141	+39.3	+2.4
Steam railroads.....thous. of dolls..	22,015	20,175	28,150	17,175,005	17,181,670	+3.8	1913	36	114	97	93	89	118	+32.5	+3.6
Street railways.....thous. of dolls..	3,860	9,896	8,750	17,49,120	17,54,291	+10.5	1913	47	178	185	108	79	202	+156.3	+13.1
New Capital Issues															
Total corporations (Commercial and Financial Chronicle):															
Purpose of issue—															
New capital.....thous. of dolls..	447,253	252,854	214,691	1,539,999	1,709,802	+11.0	1920	74	95	113	111	198	112	-43.5	+17.8
Refunding.....thous. of dolls..	48,701	63,221	73,754	404,433	214,332	-47.0	1920	164	345	54	121	228	296	+29.8	-14.3
Kind of issue—															
Stocks.....thous. of dolls..	248,609	30,884	25,427	443,396	514,041	+14.6	1920	31	28	64	59	279	34	-87.6	+21.5
Bonds and notes.....thous. of dolls..	247,344	285,191	262,928	1,497,035	1,400,093	-6.5	1920	108	166	132	141	157	181	+15.3	+8.5
Bond issues classified—															
Railroads—															
New capital.....thous. of dolls..	70,789	106,342	14,533	236,008	361,531	+53.2	1919	538	175	426	635	851	128	+50.2	+61.7
Refunding.....thous. of dolls..	42,632	13,000	None	26,073	64,039	+143.6	1919	74	0	0	65	1453	443	-69.5	-----
Public utilities—															
New capital.....thous. of dolls..	277,059	95,483	67,934	360,743	725,335	+101.1	1919	627	697	718	681	2341	979	-65.5	+40.5
Refunding.....thous. of dolls..	1,550	50,021	42,422	159,225	102,126	-35.0	1919	365	597	68	273	33	1063	-----	+17.9
Industrials—															
New capital.....thous. of dolls..	51,064	14,019	43,418	375,696	202,778	-46.0	1919	311	409	607	196	481	132	-72.5	-67.7
Refunding.....thous. of dolls..	4,299	200	4,875	78,243	33,775	-56.8	1919	1324	517	474	265	456	21	-93.3	-95.9
Total corporations (Journal of Commerce).....thous. of dolls..	181,185	287,553	326,711	2,133,677	1,497,815	-29.8	1920	254	238	210	194	132	210	+58.7	-12.0
States and municipalities:															
Permanent loans.....thous. of dolls..	119,590	265,440	171,682	616,100	805,299	+30.9	1913	301	502	302	386	351	780	+122.0	+55.2
Temporary loans.....thous. of dolls..	80,778	28,741	40,765	246,114	381,757	+53.1	1913	64	101	204	196	201	71	-64.4	-29.5
New incorporations.....thous. of dolls..	519,897	455,022	1,403,336	5,338,045	3,852,454	-27.8	1913	474	814	469	307	302	264	-12.5	-67.6
Agricultural Loans															
By land banks:															
Total closed.....thous. of dolls..	19,182	18,203	31,558	246,871	135,015	-45.3	1919	215	198	172	146	120	114	-5.1	-42.3
Federal farm loan banks.....thous. of dolls..	13,424	12,891	15,640	105,395	97,531	-7.5	1919	137	135	164	144	116	111	-4.0	-17.6
Joint-stock land banks.....thous. of dolls..	5,758	5,312	15,918	141,476	37,484	-73.5	1919	425	368	192	152	133	123	-7.7	-66.6
By War Finance Corporation:															
With banks and livestock loan companies—															
Advancements.....thous. of dolls..	900	448	934	10,486	6,991	-33.3	1922	7	7	17	10	6	3	-50.2	-82.0
Repayments.....thous. of dolls..	2,214	1,576	4,892	50,144	12,404	-75.3	1922	72	55	23	20	25	18	-28.8	-67.8
Balance.....thous. of dolls..	63,615	62,488	97,078	663,769	387,354	-41.0	1922	61	58	39	39	33	37	-1.8	-35.6
With cooperative market associations—															
Advancements.....thous. of dolls..	None	None	None	1,607	149	-90.7	1922	0	0	0	0	0	0	0.0	0.0
Repayments.....thous. of dolls..	224	6	2,206	10,347	1,104	-89.3	1922	113	159	13	20	16	16	-97.3	-93.7
Balance.....thous. of dolls..	1,299	1,293	8,755	63,932	10,033	-84.8	1922	155	124	25	22	18	18	-0.5	-83.2
Stocks and Bonds															
Stock prices, closing:															
25 industrials, average.....dolls. per share..	106.43	108.93	103.94				1913	186	182	189	183	183	187	+2.3	+2.8
25 railroads, average.....dolls. per share..	62.53	65.07	60.93				1913	73	73	74	75	75	78	+1.1	+6.8
163 stocks, average.....dolls. per share..	80.30	84.83	84.61				1921	111	100	97	96	95	100	+5.6	+0.3
Stock sales:															
N. Y. Stock Exchange.....thous. of shares..	13,442	16,803	20,317	133,202	114,642	-13.9	1913	334	293	263	257	194	243	+23.0	-17.3
Bond sales:															
Miscellaneous.....thous. of dolls..	180,440	287,519	172,656	1,112,515	1,290,765	+16.0	1919	224	212	288	260	253	403	+59.3	+66.5
Liberty-Victory.....thous. of dolls..	91,979	102,859	73,474	435,503	505,625	+16.1	1919	41	31	31	39	39	43	+11.8	+40.0
Total.....thous. of dolls..	272,419	390,374	246,130	1,548,018	1,796,390	+16.0	1919	86	80	90	90	88	127	+43.3	+58.6
Bond prices:															
Highest-grade rails p. ct. of par, 4% bond..	84.42	85.84	82.73				1915	92	92	92	93	94	96	+2.1	+4.3
Second-grade rails p. ct. of par, 4% bond..	70.62	72.49	68.09				1915	90	90	91	92	93	96	+3.2	+6.7
Public utility.....p. ct. of par, 4% bond..	67.39	69.08	66.16				1915	90	90	91	92	91	94	+3.3	+4.4
Industrial.....p. ct. of par, 4% bond..	72.34	73.01	72.35				1915	102	103	103	102	103	104	+1.0	+1.0
Comb. price index p. ct. of par, 4% bond..	73.17	74.59	71.80				1915	93	94	94	95	95	97	+1.2	+3.2
5 Liberty bonds.....p. ct. of par..	100.94	102.49	98.62				1915	106	106	107	108	108	110	+1.9	+3.8
16 foreign governments and city.....p. ct. of par..	100.00	102.05	101.27				1921	110	110	108	108	108	110	+1.9	0.0
Comb. price index, 66 bonds p. ct. of par..	94.74	96.35	93.18				1921	110	100	110	110	111	113	+1.5	+3.7
Municipal bond yield.....per cent..	4.26	4.15	4.24				1913	9	95	98	97	96	93	-3.1	-2.1

¹ Quarter ending March 31.
² Index number less than 1.
³ Cumulatives are for the 7 months' period January to July inclusive.

TREND OF BUSINESS MOVEMENTS—Continued

NOTE.—Detailed tables displaying complete data for the period January, 1922, to June, 1924, covering all items are given in this number. Consult index at end of bulletin. In many cases July figures are now available and may be found in the special table on page 31.	NUMERICAL DATA					Per ct. increase (+) or decrease (-) cumulative 1924 from 1923	BASE YEAR OR PERIOD	RELATIVE NUMBERS						Per cent increase (+) or decrease (-)		
	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		1924		June from May	June, 1924, from June, 1923	
	May	June		1923	1924			May	June	Mar.	Apr.	May	June			
BANKING AND FINANCE—Continued																
Corporation Stockholders																
<i>(The following figures are quarterly)</i>																
Pennsylvania Railroad Co.:																
Domestic.....	number	145,325	145,606	136,356			1913	1187	155	200			201	+0.4	+7.0	
Foreign.....	number	2,986	2,901	2,843			1913	25	25	27			29	-2.8	+2.0	
U. S. Steel Corp. common stock:																
Domestic.....	number	97,135	97,577	91,593			1913	1224	221	234			235	+0.5	+6.5	
Foreign.....	number	1,542	1,549	1,351			1913	89	83	101			101	+0.5	+14.7	
Shares held by brokers.....	per ct. of total	22.39	20.45	23.34			1913	51	45	43			40	-7.0	-11.1	
American Telephone & Telegraph Co.:																
Domestic.....	number	296,738	314,227	260,456			1913	140	490	558			591	+5.9	+20.6	
Foreign.....	number	2,760	2,575	2,033			1913	242	250	265			276	+4.2	+19.4	
Gold and Silver																
Gold:																
Domestic receipts at mint.....	fine ounces	78,501	65,443	69,422	420,534	469,176	+11.6	1913	51	47	56	53	44	-16.6	-5.7	
Rand output.....	thous. of ounces	809,003	733,000	755,309	4,516,549	4,663,050	+3.2	1913	107	103	102	105	110	100	-9.4	-3.0
Imports.....	thous. of dolls.	41,074	25,181	19,434	131,932	226,242	+71.5	1913	869	366	646	855	774	474	-8.7	+29.6
Exports.....	thous. of dolls.	593	268	548	22,290	3,855	-82.7	1913	11	7	11	18	8	4	-54.8	-51.1
Silver:																
Production.....	thous. of fine oz.	5,833	5,228	5,101	34,581	32,060	-7.3	1913	123	92	104	82	165	91	-10.4	+2.5
Imports.....	thous. of dolls.	5,640	4,870	6,066	29,032	31,519	+18.9	1913	149	204	208	151	189	163	-13.7	-19.7
Exports.....	thous. of dolls.	9,657	8,648	3,581	25,260	51,578	+104.2	1913	67	68	160	149	185	145	-16.7	+11.5
Price at New York.....	dolls. per fine oz.	655	667	649				1913	112	101	107	107	110	112	+1.8	+2.8
Price at London.....	pence per standard oz.	33.870	34.758	31.611				1913	118	115	121	120	123	126	+2.1	+10.0
FOREIGN EXCHANGE RATES																
Europe:																
England.....	dolls. per £ sterling	4.36	4.32	4.61			Par.	95	95	85	89	90	89	-0.9	-0.3	
France.....	dolls. per franc	.058	.053	.063			Par.	34	33	24	32	30	27	-8.6	-15.9	
Italy.....	dolls. per lire	.014	.013	.046			Par.	25	24	22	21	23	21	-2.3	-6.5	
Belgium.....	dolls. per franc	.040	.046	.054			Par.	30	28	20	27	27	21	-6.1	-14.8	
Netherlands.....	dolls. per guilder	.374	.374	.392			Par.	97	98	92	91	93	93	0.0	-4.6	
Sweden.....	dolls. per krone	.265	.265	.266			Par.	99	99	98	98	99	99	0.0	-0.4	
Switzerland.....	dolls. per franc	.177	.177	.179			Par.	93	93	100	91	92	92	0.0	-1.1	
Asia:																
Japan.....	dolls. per yen	.402	.411	.491			Par.	99	96	86	82	81	82	+2.2	-16.3	
India.....	dolls. per rupee	.306	.305	.310			Par.	64	64	61	63	63	63	-0.3	-1.6	
Americas:																
Canada.....	dolls. per Canadian doll.	.053	.054	.077			Par.	98	96	97	98	98	98	+0.1	+0.7	
Argentina.....	dolls. per gold peso	.746	.749	.805			Par.	85	83	79	78	77	77	-0.9	-8.2	
Brazil.....	dolls. per milreis	.110	.108	.104			Par.	32	32	35	35	34	33	-1.5	+3.5	
Chile.....	dolls. per paper peso	.110	.106	.134			Par.	66	69	50	54	54	54	-3.6	-20.9	
General index foreign exch.....	index number						Par.	66	66	58	63	62	60	-3.2	-9.0	
U. S. FOREIGN TRADE																
Imports																
Grand total.....	thous. of dolls.	303,600	274,015	320,231	2,087,621	1,840,717	-11.4	1913	240	214	215	217	203	183	-9.6	-14.4
By grand divisions:																
Europe—																
Total.....	thous. of dolls.	84,270	80,180	89,665	611,822	521,125	-14.8	1913	142	124	119	117	117	111	-4.8	-10.6
France.....	thous. of dolls.	11,253	9,393	10,683	76,396	71,066	-7.0	1913	166	92	114	110	97	81	-16.8	-12.0
Germany.....	thous. of dolls.	0,831	10,611	12,692	77,758	63,959	-17.7	1913	83	79	65	63	61	62	+7.9	-12.7
Italy.....	thous. of dolls.	4,924	4,832	6,999	46,341	34,049	-26.5	1913	125	152	119	156	107	105	-1.9	-31.0
United Kingdom.....	thous. of dolls.	26,128	24,450	31,914	235,617	173,391	-26.4	1913	194	141	126	127	115	108	-6.3	-23.3
North America—																
Total.....	thous. of dolls.	93,054	80,019	89,409	560,352	555,893	-0.8	1913	323	276	252	291	286	246	-14.0	-10.7
Canada.....	thous. of dolls.	33,343	33,031	35,331	198,511	200,267	+0.7	1913	301	298	371	280	282	279	-0.9	-6.6
South America—																
Total.....	thous. of dolls.	38,883	38,368	36,443	268,811	230,145	-14.4	1913	299	221	216	209	235	232	-1.3	+5.3
Argentina.....	thous. of dolls.	7,511	7,108	12,579	80,475	43,338	-45.9	1913	792	590	333	349	352	331	-5.4	-43.5
Asia and Oceania—																
Total.....	thous. of dolls.	83,537	70,605	99,012	585,956	499,522	-14.7	1913	407	376	253	397	317	269	-15.5	-28.7
Japan.....	thous. of dolls.	27,184	21,529	24,111	172,392	130,515	-12.7	1913	402	292	156	300	330	261	-20.8	-10.7
Africa, total.....	thous. of dolls.	3,203	4,834	5,505	60,684	43,648	-27.5	1913	456	278	499	356	162	244	+30.9	-12.2
By class of commodities:																
Crude materials for use in manufacturing.....																
Foodstuffs in crude condition and food animals.....	thous. of dolls.	104,120	88,625	117,069	816,851	628,416	-23.0	1913	287	234	202	219	206	176	-14.9	-26.9
Foodstuffs, partly or wholly manufactured.....	thous. of dolls.	37,484	34,234	24,657	181,870	204,670	+12.5	1913	157	131	187	192	204	186	-8.7	+38.8
Manufactures for further use in manufacturing.....	thous. of dolls.	50,581	41,734	53,328	314,407	315,610	+0.4	1913	363	323	407	355	306	253	-17.5	-21.7
Manufactures ready for consumption.....	thous. of dolls.	48,650	48,420	62,422	393,558	332,536	-15.5	1913	258	220	198	193	172	171	-0.5	-22.4
Miscellaneous.....	thous. of dolls.	61,679	60,587	61,412	375,164	361,293	-3.7	1913	190	179	172	186	179	176	-1.8	-1.3
Exports.....	thous. of dolls.	432	415	416	5,776	8,528	+47.6	1913	40	31	122	96	35	34	-3.9	-0.2
Grand total, including reexports.....																
Grand total.....	thous. of dolls.	334,950	306,475	319,957	1,945,559	2,089,167	+7.4	1913	183	155	164	168	161	148	-8.5	-4.2
By grand divisions:																
Europe—																
Total.....	thous. of dolls.	162,086	141,940	139,920	948,479	1,057,160	+11.5	1913	111	112	136	144	130	114	-12.4	+1.5
France.....	thous. of dolls.	22,067	21,321	19,710	120,085	128,256	+6.8	1913	160	151	171	155	172	166	-3.4	+8.2
Germany.....	thous. of dolls.	28,302	18,033	18,983	143,850	205,422	+42.9	1913	78	65	123	112	97	61	-36.3	-5.0
Italy.....	thous. of dolls.	11,203	12,042	13,083	76,453	84,259	+10.2	1913	151	200	200	231	171	184	+7.5	-8.0
United Kingdom.....	thous. of dolls.	62,409	51,778	55,047	380,586	395,607	+4.0	1913	98	112	116	133	127	105	-17.0	-5.9

¹ Quarter ending March 31.

TREND OF BUSINESS MOVEMENTS—Continued

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	1924		Corresponding month, May or June, 1923	CUMULATIVE TOTAL FROM JANUARY 1 THROUGH LATEST MONTH				1923		1924		1923		1924		June from May	June, 1924, from June, 1923
	May	June		1923	1924			May	June	Mar.	Apr.	May	June				
U. S. FOREIGN TRADE—Continued																	
Exports—Continued																	
By grand divisions—Continued																	
North America—																	
Total.....thous. of dolls..	88,371	84,427	99,485	539,137	489,413	-9.2	1913	208	199	172	169	176	169	-4.5	-15.1		
Canada.....thous. of dolls..	48,162	47,762	62,459	329,457	279,222	-15.2	1913	197	186	146	144	143	142	-0.8	-23.5		
South America—																	
Total.....thous. of dolls..	24,764	25,860	24,705	135,235	147,372	+9.0	1913	184	202	190	206	203	212	+4.4	+4.7		
Argentina.....thous. of dolls..	8,841	8,987	11,094	58,504	52,713	-10.4	1913	224	242	181	194	193	196	+1.7	-19.0		
Asia and Oceania—																	
Total.....thous. of dolls..	54,291	48,913	50,560	291,532	354,300	+21.5	1913	270	292	327	285	313	232	-9.9	-3.3		
Japan.....thous. of dolls..	15,971	9,563	16,992	110,467	129,590	+17.3	1913	352	326	415	263	307	184	-40.1	-43.7		
Africa, total.....thous. of dolls..	5,638	5,325	5,287	31,159	35,216	+13.0	1913	201	219	182	306	234	221	-5.6	+0.7		
Total, domestic exports only.....thous. of dolls..	325,758	298,682	312,178	1,906,398	2,039,226	+7.0	1913	162	153	162	165	160	146	-8.3	-4.3		
By classes of commodities:																	
Crude materials for use in																	
manufacturing.....thous. of dolls..	76,855	62,387	68,278	451,902	551,909	+22.1	1913	83	107	133	126	120	97	-18.8	-8.6		
Foodstuffs in crude condition and food animals.....thous. of dolls..																	
Foodstuffs partly or wholly manufactured.....thous. of dolls..	10,638	15,021	21,336	135,818	81,682	-39.9	1913	184	151	106	94	75	106	+41.2	-29.6		
Manufactures for further use in manufacturing.....thous. of dolls..	37,480	34,035	41,529	297,036	275,627	-7.2	1913	182	154	184	158	139	126	-9.2	-18.0		
Manufactures ready for consumption.....thous. of dolls..	53,078	50,462	49,206	277,724	309,580	+11.5	1913	151	149	151	154	161	153	-4.9	+2.6		
Miscellaneous.....thous. of dolls..	147,456	136,450	131,543	740,487	817,438	+0.4	1913	201	202	201	227	226	210	-7.5	+3.7		
	251	327	287	3,432	2,990	-12.9	1913	45	43	93	67	37	48	+30.3	+13.9		
TRADE AND INDUSTRY OF FOREIGN COUNTRIES																	
United Kingdom -																	
Imports (value):																	
Total.....thous. of £ sterling..	122,087	88,501	89,308	538,761	598,446	+11.1	1913	140	139	162	135	191	138	-27.5	-0.9		
Food, drink, tobacco.....thous. of £ sterling..	52,325	40,421	44,089	254,754	293,296	+3.4	1913	180	182	196	165	216	167	-22.8	-8.3		
Raw material.....thous. of £ sterling..	38,918	25,810	23,652	155,691	192,692	+23.9	1913	101	101	137	100	166	110	-33.7	+9.1		
Manufactured articles.....thous. of £ sterling..	30,288	21,823	21,179	126,882	140,077	+10.7	1913	134	131	147	138	168	135	-27.9	+3.0		
Exports (value):																	
Total.....thous. of £ sterling..	70,261	62,624	62,884	382,680	388,465	+1.5	1913	163	144	140	144	161	142	-11.7	-1.4		
Food, drink, tobacco.....thous. of £ sterling..	4,191	3,814	3,940	19,215	25,416	+31.8	1913	117	145	152	150	154	140	-9.0	-3.2		
Raw material.....thous. of £ sterling..	9,723	7,800	11,540	67,693	58,824	-17.5	1913	240	198	160	163	167	134	-19.8	-32.4		
Manufactured articles.....thous. of £ sterling..	55,422	49,458	46,534	289,551	301,316	+4.0	1913	154	136	136	141	162	144	-10.8	+6.3		
Reexports (values):																	
Total.....thous. of £ sterling..	13,091	10,024	10,955	63,864	74,129	+16.1	1913	129	120	139	129	143	110	-23.4	-8.5		
Food, drink, tobacco.....thous. of £ sterling..	2,267	1,715	2,323	10,728	14,555	+35.7	1913	165	175	172	160	171	129	-24.3	-26.2		
Raw material.....thous. of £ sterling..	7,287	5,813	6,290	39,993	42,834	+7.1	1913	132	118	150	133	137	109	-20.2	-7.6		
Manufactured articles.....thous. of £ sterling..	3,535	2,494	2,341	13,106	16,707	+27.5	1913	102	95	99	103	144	102	-29.4	+6.5		
Exports of key commodities (quantities):																	
Cotton piece goods.....thous. of sq. yds.	395,022	347,208	301,313	2,109,914	2,126,259	+0.8	1920	111	81	96	102	107	94	-12.1	+15.2		
Woolen and worsted issues.....thous. of sq. yds..	16,399	19,274	17,924	101,931	105,431	+3.4	1920	75	81	68	54	74	87	+18.2	+7.5		
Iron and steel.....thous. of long tons..	407	325	367	2,221	2,023	-8.7	1913	103	89	70	81	98	79	-20.1	-11.4		
Coal.....thous. of long tons..	5,480	4,882	6,889	39,844	31,131	-21.9	1913	126	108	85	83	90	80	-10.9	-25.9		
Production:																	
Pig iron.....thous. of long tons..	651	608	693	3,804	3,795	-0.3	1913	84	81	78	72	76	71	-6.7	-12.3		
Steel ingots.....thous. of long tons..	810	652	768	4,472	4,453	-0.5	1913	128	120	129	111	127	103	-19.6	-15.2		
Coal.....thous. of metric tons..	24,466	22,856	24,203	143,788	142,815	-0.7	1913	104	99	101	94	100	94	-6.6	-5.6		
Stocks, zinc.....short tons..	703	761	1,880				1920	7	7	4	3	3	3	+6.8	-60.0		
Employment:																	
Trade-unions.....p. ct. employed..	93.0	92.8	88.9				1913	91	91	94	94	95	95	0.0	+4.4		
Belgium																	
Production: Zinc.....short tons..	14,605	14,010	13,239	79,080	83,439	+11.8	1920	174	171	201	184	189	181	-4.1	+5.8		
Canada																	
Total trade:																	
Imports.....thous. of dolls..	72,058	66,396	84,633	462,399	414,281	-10.4	1913	151	151	155	108	129	119	-7.9	-21.5		
Exports.....thous. of dolls..	105,311	88,328	96,238	428,083	475,459	+10.9	1913	242	306	298	158	335	281	-16.1	-8.2		
Exports of key commodities (quantities):																	
Canned salmon.....thous. of pounds..	2,585	2,855	2,373	15,476	24,815	+60.3	1913	208	135	451	95	147	162	+10.4	+20.3		
Cheese.....thous. of pounds..	1,867	3,214	6,479	13,897	10,293	-25.9	1913	21	50	7	4	14	25	+72.1	-50.4		
Wheat.....thous. of bushels..	41,228	24,075	23,229	62,787	108,926	+73.5	1913	142	265	160	73	492	287	-41.6	+8.3		
Production:																	
Pig iron.....thous. of long tons..	85		102	336	371	+10.4	1913	121	118	92	104	101					
Steel ingots.....thous. of long tons..	108		104	381	418	+9.7	1913	120	110	108	120	124					
Bank clearings.....mills. of dolls..	1,380	1,210	1,309	7,472	7,522	+0.6	1913	190	169	147	157	178	186	-12.4	-7.6		
Bond issues:																	
Govt. and provincial.....thous. of dolls..	3,925	4,750	25,965	61,240	41,475	-32.3	1913	208	587	192	317	89	107	+21.0	-81.8		
Municipal.....thous. of dolls..	5,295	7,476	4,672	67,881	50,188	-26.1	1913	64	48	23	96	55	67	+41.1	+60.0		
Corporation.....thous. of dolls..	4,850	3,025	10,580	74,961	76,856	+2.5	1913	250	171	85	3	79	49	-37.7	-71.5		
Employment:																	
Total (1st of following month).....index number..							1920	97	100	89	92	95	96	+0.7	-3.6		
Newsprint paper:																	
Production.....short tons..	117,833	107,667	108,514	619,909	675,149	+8.9	1919	166	161	167	172	175	160	-8.6	-0.8		
Shipments.....short tons..	117,651	113,212	108,591	611,348	673,023	+10.2	1919	162	160	164	168	173	167	-3.8	+4.3		
Stocks.....short tons..	20,734	15,332	13,853				1919	108	107	154	167	165	122	-26.0	+10.7		
Exports (total printing).....short tons..	107,784	95,717	92,852	550,765	685,158	+24.4	1919	170	168	231	291	195	173	-11.2	+3.1		
Building contracts awarded.....thous. of dolls..	32,967	26,185	50,674	165,319	128,722	-22.1	1913	127	158	36	94	103	82	-20.6	-48.3		

* May, 1923.

* Nine months' average April to December, inclusive.

* Relative to January, 1920.

WASHING-MACHINE SALES¹

[Base year in bold-faced type]

YEAR AND MONTH	Total	Electric	Gas and power	Water power	Hand	Total	Electric	Gas and power	Water power	Hand
	RELATIVE TO 1920					NUMBER OF MACHINES				
1920 monthly average.....	100	100	100	100	100	74,069	47,128	4,870	5,711	16,362
1921 monthly average.....	47	51	27	50	39	34,691	21,117	1,328	2,828	6,418
1922 monthly average.....	65	75	35	43	54	48,203	35,244	1,716	2,432	8,810
1923 monthly average.....	80	98	34	42	50	59,077	40,197	1,676	2,350	8,784
1920										
January.....	118	116	125	89	133	57,462	54,639	6,070	5,055	21,699
February.....	109	111	97	110	110	81,063	52,079	4,740	6,254	17,090
March.....	139	139	143	118	143	102,817	65,643	6,962	6,762	23,450
April.....	111	111	111	108	113	82,165	62,132	5,417	6,152	18,461
May.....	118	118	116	130	114	87,314	55,570	5,667	7,446	18,622
June.....	120	118	104	132	125	88,823	55,773	5,083	7,544	20,443
July.....	110	111	99	127	106	81,747	52,273	4,831	7,253	17,390
August.....	108	105	136	122	102	79,764	49,468	6,623	6,683	16,680
September.....	100	96	117	107	104	74,004	45,199	5,765	6,100	17,000
October.....	85	84	78	90	89	63,075	39,621	3,775	5,144	14,565
November.....	60	54	41	38	45	36,949	25,420	2,019	2,194	7,316
December.....	32	38	32	29	17	23,648	17,711	1,565	1,648	2,721
1921										
January.....	27	31	16	28	17	19,810	14,584	757	1,696	2,863
February.....	36	37	21	48	30	26,043	17,363	1,016	2,718	4,916
March.....	64	64	44	68	53	10,107	25,421	2,159	3,883	8,651
April.....	54	55	43	70	47	39,707	25,989	2,078	3,989	7,651
May.....	51	55	32	50	44	37,601	26,045	1,552	2,848	7,156
June.....	42	46	24	41	37	31,279	21,717	1,177	2,321	6,034
July.....	44	50	21	56	29	32,435	23,481	1,010	3,199	4,715
August.....	51	58	32	48	40	38,085	27,228	1,570	2,760	6,527
September.....	57	62	28	59	40	42,056	29,299	1,361	3,352	8,044
October.....	57	62	28	51	51	41,932	29,336	1,371	2,944	8,291
November.....	49	55	21	42	45	36,648	25,910	1,029	2,394	7,315
December.....	41	49	17	34	29	30,583	23,003	836	1,926	4,848
1922										
January.....	49	53	20	35	50	36,026	24,826	971	2,026	8,203
February.....	52	55	28	36	55	38,460	26,086	1,374	2,052	8,918
March.....	64	68	46	44	65	47,561	32,132	2,227	2,492	10,710
April.....	65	69	46	41	70	48,413	32,235	2,217	2,369	11,502
May.....	64	71	45	44	56	47,452	33,526	2,182	2,504	9,240
June.....	68	77	41	46	60	50,593	36,126	2,009	2,639	9,819
July.....	64	74	44	41	49	47,476	34,996	2,152	2,535	7,563
August.....	68	80	38	40	55	50,682	37,520	1,863	2,275	9,021
September.....	74	89	34	59	47	54,686	42,073	1,612	3,319	7,622
October.....	70	96	34	50	54	58,554	45,395	1,652	2,828	8,708
November.....	69	86	24	42	44	51,313	39,575	1,187	2,376	7,173
December.....	64	79	22	34	41	47,214	37,466	1,087	1,911	6,720
1923										
January.....	67	75	30	35	64	49,169	35,244	1,468	2,016	10,456
February.....	77	89	40	46	66	57,232	41,905	1,938	2,613	10,776
March.....	98	113	52	48	86	72,357	53,021	2,528	2,723	14,085
April.....	88	101	43	44	76	64,966	47,704	2,316	2,537	12,409
May.....	91	108	49	45	70	67,651	51,206	2,386	2,561	11,495
June.....	75	96	53	47	42	55,559	45,168	1,617	2,657	6,907
July.....	80	100	29	45	45	59,449	46,990	1,425	2,598	7,436
August.....	77	99	28	42	39	56,803	46,682	1,377	2,414	6,330
September.....	78	102	31	34	39	57,712	47,841	1,187	1,935	6,416
October.....	83	108	26	43	43	61,690	50,980	1,284	2,432	6,904
November.....	75	97	24	42	40	55,684	45,611	1,149	2,380	6,544
December.....	68	89	23	30	34	50,352	42,006	1,155	1,686	5,525
1924										
January.....	68	90	19	22	37	50,472	42,271	944	1,233	6,021
February.....	81	104	26	25	50	59,925	49,107	1,250	1,446	8,125
March.....	93	122	33	36	48	69,061	57,469	1,629	2,053	7,930
April.....	90	118	31	29	47	66,543	55,654	1,510	1,653	7,726
May.....	82	109	32	21	41	60,653	51,251	1,510	1,187	6,611
June.....	72	94	26	21	37	53,031	44,494	1,251	1,183	6,193
July.....										
August.....										
September.....										
October.....										
November.....										
December.....										

¹ Compiled by the American Washing Machine Manufacturers' Association from reports of its membership which enrolls practically the entire industry in the United States and Canada.

WORLD PRODUCTION OF CANE SUGAR AND FLAXSEED*

YEAR	CANE SUGAR								FLAXSEED				
	World total	Java	United States ¹	Brazil	Hawaii	Porto Rico	Cuba	India	World total	Argentina	India	United States	Canada
		May	Oct.	Oct.	Nov.	Dec.	Dec.	Dec.		Jan. ⁴	Apr.	Aug.	Aug.
	Thousands of short tons								Thousands of bushels				
1909-1913 average	9,971	1,514	311	138	567	363	2,295	2,614	110,992	31,939	19,870	19,505	12,040
1914.....	11,293	1,054	247	344	646	346	2,967	2,757	94,559	36,928	15,448	13,749	7,175
1915.....	12,770	1,797	139	486	593	484	3,437	2,950	103,267	45,040	15,880	14,030	10,028
1916.....	13,442	2,009	311	413	645	503	3,442	3,058	82,151	39,239	19,040	14,296	8,260
1917.....	14,503	1,900	246	493	577	454	3,957	3,708	41,063	4,032	21,040	9,164	5,935
1918.....	13,324	1,478	284	440	600	406	4,597	2,617	61,521	19,588	20,600	13,369	6,055
1919.....	13,799	1,473	122	496	556	485	4,209	3,361	61,692	30,775	9,400	7,256	5,473
1920.....	13,656	1,579	176	580	522	490	4,408	2,826	67,964	42,038	16,760	10,774	7,998
1921.....	14,563	1,906	328	551	592	408	4,517	2,925	83,288	50,470	10,800	8,029	4,112
1922.....	14,733	1,693	295	667	537	379	4,083	3,409	94,660	47,578	17,443	10,375	5,009
1923 latest estimates.....	15,564	1,971	172	710	640	407	4,403	3,658	127,000	58,584	21,320	17,400	7,140
1924 latest estimates.....											18,480	25,900	6,135

¹ Louisiana and Texas.
² Exports

³ From private sources.
⁴ New crop available in January of the year indicated; January, 1924, estimate is 63,225,000 bushels.

WORLD PRODUCTION OF BEET SUGAR*

YEAR	World total ¹	United States	Germany	Czechoslovakia	Russia	Poland	Netherlands	Belgium	France	Italy	Spain	Denmark	Sweden
	Thousands of short tons												
1909-1913 average.....	8,432	610	2,296	1,017	1,728	279	246	276	759	209	116	123	154
1914.....	8,331	722	2,721	1,004	1,879		316	215	334	166	112	163	170
1915.....	6,036	374	1,678	812	1,824	239	264	120	150	166	117	143	140
1916.....	5,808	321	1,721	805	1,457	293	286	140	204	160	139	124	151
1917.....	5,208	765	1,726	584	1,134	263	215	136	221	162	154	149	144
1918.....	4,592	761	1,404	683	318	249	182	78	121	120	169	156	141
1919.....	3,490	726	803	559	86	106	263	152	171	185	91	149	141
1920.....	4,997	1,089	1,212	770	55	195	314	268	370	150	104	168	181
1921.....	5,443	1,074	1,416	726	61	198	412	315	319	234	60	156	230
1922.....	5,697	711	1,605	821	1,245	294	304	293	515	300	170	94	170
1923 latest estimates.....	6,488	927	1,246	1,064	398	457	275	326	546	353	187	115	165

¹ Crops in all countries here given are harvested beginning in September.
² From private sources.

³ Includes Ukraine; data from private sources.
⁴ Refined sugar in terms of raw on the basis of 95 per cent of the raw.

WORLD PRODUCTION OF RICE*

Country.....	World total ¹	India	Egypt	United States	Italy	Spain	Japan	Dutch East Indies ¹	Philippines
New crop available.....		Apr.	Apr.	Aug.	Sept.	Sept.	Nov.	Dec.	Dec.
Millions of pounds (cleaned)									
Normal consumption (1909-1913).....		67,891		375	518		14,602		
1909-1913.....	110,780	72,950	553	481	646	297	14,009	7,349	1,124
1914.....	116,000	61,109	61	657	741	337	17,909	7,826	1,404
1915.....	126,000	73,315	551	804	763	320	17,569	7,964	1,160
1916.....	131,000	78,521	230	1,135	708	329	18,360	7,912	1,289
1917.....	134,000	80,638	487	965	716	322	17,143	8,323	1,745
1918.....	109,000	54,526	692	1,072	712	283	17,184	8,433	2,213
1919.....	128,000	71,743	244	1,166	662	412	19,106	9,179	2,080
1920.....	118,000	61,963	283	1,446	614	394	19,840	7,716	2,247
1921.....	129,000	74,446	472	1,045	641	356	17,336	6,943	2,555
1922.....	131,000	75,524	55	1,150	632	373	19,067	6,451	2,681
1923 latest estimates.....		63,388	270	924	709	330	17,425	6,904	2,703

¹ Irrigated rice in Java and Madura.
² Summer crop only given.

³ Exclusive of China: Chinese crop estimated at 52,788,000,000 pounds in 1920 and 70,219,667,000 in 1917.

* Data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics, and corrected monthly in accordance with latest available information received by that department or by U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Countries are placed in the order in which crops are harvested. Corrected to July 20, 1924.

WORLD PRODUCTION OF COTTON*

Country.....	World total	Peru	United States	Mexico	India	Brazil	Egypt
New crop available.....		June	August	August	November	September	September
Thousands of bales (478 pounds net)							
1909-1913 average.....	20,680	106	13,033	193	3,264	322	1,453
1914.....	24,630	129	16,135	108	4,354	357	1,337
1915.....	18,470	113	11,192	95	3,128	282	959
1916.....	18,970	127	11,500	103	3,759	251	1,048
1917.....	18,370	125	11,302	135	3,393	345	1,304
1918.....	18,560	142	12,041	203	3,328	330	999
1919.....	19,925	155	11,421	199	4,853	384	1,155
1920.....	20,940	164	13,440	188	3,013	451	1,251
1921.....	15,391	157	7,954	147	3,748	505	902
1922.....	18,900	203	9,762	178	4,247	553	1,170
1923, latest estimates.....	19,125		10,128	138	4,247	719	1,213
1924, latest estimates.....			12,144				

¹ From private sources.

² 1922 acreage 12,496,000 compared with 11,076,000 in 1921.

WORLD PRODUCTION OF WHEAT*

Country.....	World total	Argentina	Australia	India	United States	Spain	Italy	France	Germany	Rumania	Canada
New crop available.....		January	January	March	July	August	August	August	August	August	September
Millions of bushels											
Normal consumption (1909-1913).....		64	37	301	551	136	236	361	221	34	116
1909-1913 average.....	3,677	157	85	351	690	130	183	318	152	87	197
1914.....	3,586	106	103	312	891	116	170	283	146	49	161
1915.....	4,199	169	25	377	1,026	139	171	223	142	89	304
1916.....	¹ 2,609	169	179	323	636	152	177	205	² 110	78	263
1917.....	¹ 2,288	80	152	352	637	143	140	135	¹ 82		234
1918.....	¹ 2,504	224	115	370	921	136	183	226	¹ 80	¹ 18	189
1919.....	¹ 2,743	180	78	280	963	129	170	¹ 182	¹ 80	¹ 66	193
1920.....	¹ 2,868	217	46	378	833	139	141	¹ 237	¹ 83	¹ 61	263
1921.....	¹ 3,069	156	146	250	815	145	194	¹ 323	¹ 108	¹ 79	301
1922.....	¹ 3,096	191	129	367	868	125	162	¹ 243	¹ 72	¹ 92	400
1923, latest estimates.....		196	109	369	786	157	225	276	106	102	474
1924, latest estimates.....		247	127	361	740	136	178				319

¹ Russia excluded. No accurate statistics are available

² Excludes Alsace-Lorraine.

³ Excludes Debrulja.

⁴ New boundaries.

⁵ Former kingdom, Bessarabia and Bukowina.

* Data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics, and corrected monthly in accordance with latest available information received by that department or by U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Countries are placed in the order in which crops are harvested. Corrected to July 20, 1924.

Table 1.—INDEXES OF PRODUCTION

[Index numbers for base year in bold-faced type]

	DEPARTMENT OF COMMERCE INDEXES							FEDERAL RESERVE BOARD INDEXES			
	Manu- factur- ing (64 com- modi- ties) ¹	Raw materials ²						Agriculture ³ (14 com- modi- ties)	Mining ³ (7 com- modi- ties)	Manu- factur- ing ³ (34 com- modi- ties)	22 basic com- modi- ties ⁴ (corrected for seasonal element)
		Total	Minerals (9 commodities)		Crop market- ings (28 com- modi- ties)	Animal products (9 com- modi- ties)	Forestry (13 com- modi- ties)				
			Relative to 1919	Relative to 1909- 13 av.								Relative to 1919
1919 monthly average.....	100	100	114	100	100	100	100	100	100	100	100
1920 monthly average.....	97	99	126	114	94	95	102	91	117	102	105
1921 monthly average.....	77	103	98	93	112	98	86	105	92	80	80
1922 monthly average.....	101	103	107	98	113	106	112	110	95	103	98
1923 monthly average.....	119	113	147	136	102	117	121	108	132	124	120
1921											
May.....	81	92	99	95	83	103	93	89	92	81	77
June.....	80	95	108	101	89	102	92	98	92	80	77
July.....	75	96	97	92	102	91	87	101	85	75	74
August.....	84	111	103	98	127	96	93	117	92	85	79
September.....	80	121	97	93	153	95	89	128	90	83	79
October.....	83	136	110	103	177	100	93	146	102	89	83
November.....	84	107	94	90	122	98	96	111	98	86	86
December.....	78	106	88	85	118	103	91	108	87	78	83
1922											
January.....	81	98	95	92	102	96	90	99	96	84	86
February.....	79	93	99	95	96	83	86	90	101	82	91
March.....	94	93	121	115	77	103	99	83	122	98	95
April.....	92	74	68	62	55	107	102	73	61	95	86
May.....	106	95	80	72	86	120	122	101	70	109	92
June.....	113	91	95	84	76	114	128	98	73	109	95
July.....	104	90	96	83	80	106	116	99	66	103	95
August.....	111	107	104	90	116	101	125	100	79	110	95
September.....	103	133	125	113	166	99	118	137	103	106	100
October.....	113	153	140	126	195	112	118	160	122	118	107
November.....	112	136	133	121	161	113	117	139	122	120	116
December.....	106	128	127	117	142	119	98	131	126	113	116
1923											
January.....	116	116	133	124	115	113	107	114	133	121	121
February.....	109	88	118	110	73	95	96	80	117	116	120
March.....	129	98	135	125	75	114	120	89	134	134	125
April.....	126	90	130	121	61	111	120	78	128	131	124
May.....	135	97	154	140	55	127	135	85	137	138	127
June.....	126	95	160	145	54	119	133	85	135	128	122
July.....	114	98	164	148	54	128	124	90	136	118	121
August.....	121	121	171	155	113	110	136	110	142	126	120
September.....	113	131	153	138	144	108	125	128	125	117	114
October.....	123	157	167	152	184	122	132	158	142	128	118
November.....	113	141	149	136	158	123	119	144	130	118	116
December.....	105	129	135	125	133	129	102	130	123	109	111
1924											
January.....	115	103	139	123	93	119	108	104	136	122	120
February.....	117	100	132	121	87	105	114	96	123	123	120
March.....	123	93	130	120	71	107	118	80	126	127	116
April.....	118	87	116	106	54	118	126	77	109	121	114
May.....	113	95	138	123	60	124	130	86	113	111	103
June.....	102	90	137	122	56	118	120	86	109	97	94
July.....											
August.....											

¹ Weighted average of 64 commodities (glass bottles having been dropped from the original 65 commodities), representing about 36 per cent of the entire manufacturing industry, based on value added by manufacture, as compiled by the U. S. Department of Commerce, Bureau of the Census: For details see January, 1923, issue (No. 17) and January, 1924, issue (No. 29) of SURVEY OF CURRENT BUSINESS.

² Weighted averages, compiled by the U. S. Department of Commerce, Bureau of the Census, representing 87 per cent of minerals, 94 per cent of crops, 99 per cent of marketed livestock and its products, and 80 per cent of forest products: For details, see the following issues of SURVEY OF CURRENT BUSINESS: Minerals, May, 1922 (No. 9) and September, 1922 (No. 13); crops, July, 1922 (No. 11); animal products, June, 1922 (No. 10); forestry, August, 1922 (No. 12); total, September, 1922 (No. 13).

³ Weighted averages compiled by the Federal Reserve Board: For details see issues of the Federal Reserve Bulletin for March, 1922, and March, 1924.

⁴ Weighted averages compiled by the Federal Reserve Board and corrected for seasonal variations: For details, see December, 1922, issue of the Federal Reserve Bulletin.

Table 2.—INDEXES OF COMMODITIES STOCKS AND UNFILLED ORDERS

[Index numbers for base year in bold-faced type]

YEAR AND MONTH	STOCKS ¹										UNFILLED ORDERS ²		
	Unadjusted indexes					Adjusted for seasonal element					Total	Iron and steel	Building materials
	Total ¹	Raw food stuffs	Raw material for manufacture	Manufactured food-stuffs	Manufactured commodities	Total ¹	Raw food stuffs	Raw material for manufacture	Manufactured food-stuffs	Manufactured commodities			
	Relative to 1919										Relative to 1920		
1919 monthly average....	100	100	100	100	100	-----	-----	-----	-----	-----	100	100	100
1920 monthly average....	96	89	106	94	98	-----	-----	-----	-----	-----	47	48	41
1921 monthly average....	132	161	147	78	135	-----	-----	-----	-----	-----	62	54	95
1922 monthly average....	126	192	110	72	117	-----	-----	-----	-----	-----	74	57	129
1923 monthly average....	119	144	111	81	130	-----	-----	-----	-----	-----	-----	-----	-----
1922													
May.....	124	211	88	59	114	133	233	100	66	115	63	51	114
June.....	126	216	82	74	110	130	220	100	75	110	66	54	114
July.....	116	177	75	87	107	128	214	96	80	108	66	55	109
August.....	101	127	77	90	102	119	174	102	80	108	67	57	109
September.....	111	142	110	81	105	126	190	121	77	111	72	64	108
October.....	120	140	154	76	112	116	150	120	75	112	72	65	100
November.....	121	141	155	75	116	119	163	116	76	112	71	64	101
December.....	125	161	143	72	119	117	163	111	75	111	75	66	111
1923													
January.....	126	175	123	73	121	121	165	111	70	124	85	69	149
February.....	130	201	107	75	122	116	157	102	71	121	93	75	169
March.....	132	215	98	77	118	117	161	101	76	117	101	78	193
April.....	123	196	89	77	114	117	169	96	76	113	95	76	173
May.....	104	130	83	73	116	111	143	93	79	117	87	71	154
June.....	103	110	82	86	121	115	146	95	88	121	77	65	125
July.....	102	93	78	94	129	114	134	94	87	128	68	59	104
August.....	104	96	83	94	131	125	133	111	85	136	60	53	90
September.....	113	108	114	88	135	118	119	118	83	140	58	49	95
October.....	127	120	168	80	141	118	113	130	80	141	54	44	91
November.....	132	133	161	77	152	122	122	123	82	147	53	43	94
December.....	135	147	149	76	159	125	141	119	81	146	58	45	109
1924													
January.....	132	149	134	76	158	137	162	128	74	161	63	47	130
February.....	140	186	119	77	156	135	173	119	74	155	63	47	129
March.....	147	212	104	75	164	136	169	111	79	161	61	46	124
April.....	136	178	97	73	165	136	164	110	86	164	54	40	112
May.....	129	154	91	74	167	143	185	105	86	168	47	35	98
June.....	125	137	84	85	165	133	157	97	87	165	44	32	93
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

¹ Weighted index of stocks of commodities in hands of manufacturers or in other visible hands at the end of each month compiled by the U. S. Department of Commerce, Bureau of the Census, from data on 45 commodities. Details are given in the February, 1924, issue (No. 30) of the SURVEY OF CURRENT BUSINESS, while seasonal eliminations are given in the April, 1924, issue (No. 32).

² Weighted index of unfilled orders of manufacturers in the iron and steel and building industries at the end of each month compiled by U. S. Department of Commerce, Bureau of the Census; for details see May, 1923, issue (No. 21) of the SURVEY OF CURRENT BUSINESS.

Table 3.—TEXTILES AND CLOTHING
HOSIERY AND TEXTILES

MONTH	PYROXYLIN-COATED TEXTILES ¹					HOSIERY PRODUCTION ²							
	Pyroxylin spread	Shipments billed		Unfilled orders 1st of month		Total (all classes)	Men's		Women's		Boys' and misses' (all styles)	Children's and infants' (all styles)	Athletic and sport (all styles)
		Light goods	Heavy goods	Light goods	Heavy goods		Full fashioned	Seamless	Full fashioned	Seamless			
	Pounds	Linear yards				Dozen pairs							
1923													
February.....						3,718,707	70,062	1,375,779	411,678	1,224,765	349,687	277,826	(³)
March.....	3,055,319	797,132	1,926,700	1,159,843	3,003,568	4,223,223	65,840	1,566,449	475,779	1,342,955	411,719	244,292	16,160
April.....	3,002,415	833,135	1,743,598	805,501	2,216,755	3,938,358	67,208	1,449,327	473,514	1,207,889	387,735	330,295	16,390
May.....	2,931,077	789,906	1,414,495	744,472	2,338,240	4,150,477	64,394	1,512,704	503,954	1,284,084	384,408	356,422	14,561
June.....	2,104,168	633,957	1,393,018	358,477	1,771,457	3,819,019	84,073	1,438,335	493,164	1,074,842	376,444	337,947	15,114
July.....	1,916,826	514,061	1,245,256	408,054	1,511,890	3,429,591	59,839	1,296,680	432,000	967,443	341,848	314,505	17,276
August.....	2,219,846	484,308	1,218,834	626,940	1,514,674	3,817,422	75,960	1,576,779	491,742	912,993	388,459	354,218	17,271
September.....	2,038,903	547,836	1,312,027	839,463	1,816,391	3,485,349	51,991	1,428,479	460,111	833,699	361,353	333,427	16,289
October.....	2,988,201	691,867	1,395,135	389,423	1,504,082	3,974,604	69,931	1,613,188	529,377	965,666	404,345	374,140	18,617
November.....	2,503,404	554,227	1,319,041	525,330	1,526,399	3,834,307	72,134	1,566,860	520,258	927,710	380,546	348,648	18,121
December.....	2,058,037	602,904	1,080,157	533,661	1,533,549	3,193,982	61,259	1,289,563	434,029	771,166	289,041	331,204	17,720
1924													
January.....	2,912,097	688,379	1,384,688	420,461	1,946,670	3,825,320	73,120	1,583,256	479,419	936,196	354,711	379,854	18,764
February.....	2,860,884	585,579	1,457,660	511,563	2,103,698	3,728,669	71,746	1,536,923	505,406	862,092	373,839	365,848	13,313
March.....	3,310,039	725,320	1,613,527	579,852	1,414,606	3,788,900	71,353	1,537,272	543,482	882,767	367,627	370,142	16,237
April.....	2,223,558	733,859	1,006,266	448,574	1,294,800	3,548,484	65,941	1,406,004	543,728	841,976	316,591	361,904	12,540
May.....	2,103,865	529,959	993,919	397,225	871,848	3,477,100	55,882	1,337,169	537,737	865,776	288,452	357,520	14,544
June.....	1,470,547	613,506	654,036	317,046	771,802	3,162,499	42,866	1,247,701	486,979	806,282	289,570	277,434	11,664

¹ Compiled from reports to the Department of Commerce, Bureau of the Census, by 12 identical firms, with a capacity of 2,174,333 yards for March (capacity varies slightly each month in accordance with the varying number of working days). Further details as to values, etc., are given in press summaries.
² Compiled by the Department of Commerce, Bureau of the Census, as reported by 241 identical establishments. Data for the current month subject to revision.
³ Not separately stated.
⁴ Five firms missing, which produced 70,707 dozen pairs in May.

CLOTHING

MONTH	MEN'S AND BOYS' GARMENTS CUT ¹							WORK CLOTHING ²			
	Men's suits		Men's trousers		Men's overcoats and topcoats	Boys' suits and pants	Boys' overcoats and reefers	Cut	Sales	Cancel-lations	Stocks on hand, end of month
	Wool	Cotton, etc.	Wool	Cotton, etc.							
	Number of garments							Number of garments			
1923											
February.....	848,286	146,726	791,293	456,921	112,406	598,579	13,972				
March.....	935,769	155,116	861,882	498,067	149,929	714,912	19,497				
April.....	694,864	129,377	720,587	457,808	184,655	633,838	32,599				
May.....	679,141	124,886	680,404	470,823	277,623	685,198	53,811				
June.....	692,418	84,853	651,628	339,659	336,848	760,542	83,466	148,982	137,102	3,558	175,982
July.....	608,882	45,948	692,998	366,466	348,489	640,741	60,222	139,228	119,678	4,935	210,552
August.....	645,547	24,555	642,816	392,914	395,048	584,624	70,028	135,524	144,597	3,506	201,595
September.....	485,316	41,501	557,638	287,024	362,818	441,861	126,389	153,178	170,223	4,173	194,477
October.....	479,687	59,100	620,158	410,917	487,302	426,500	125,050	173,721	175,228	4,468	210,503
November.....	524,528	76,497	609,872	428,639	289,123	420,077	74,353	160,571	159,612	4,485	208,667
December.....	569,474	93,730	415,010	434,091	99,246	502,944	15,993	135,983	124,453	2,699	229,506
1924											
January.....	689,525	110,150	614,620	342,568	146,669	673,363	10,615	166,497	169,062	1,442	238,136
February.....	744,472	108,649	617,240	487,487	118,667	720,525	15,478	152,657	143,393	1,314	255,224
March.....	673,367	102,107	638,293	480,746	136,824	603,920	19,773	158,526	123,947	2,073	262,171
April.....	506,911	80,067	477,945	404,522	138,545	549,171	23,999	153,771	134,409	2,333	276,462
May.....	458,099	71,639	417,085	353,279	212,207	477,986	52,633	125,214	124,782	2,345	288,361
June.....	525,057	38,559	419,339	232,575	263,637						
July.....											
August.....											

¹ Compiled from reports to the U. S. Department of Commerce, Bureau of the Census, from 321 identical establishments.
² Compiled from reports to the U. S. Department of Commerce, Bureau of the Census, from 114 identical establishments of which 2 are now out of business; further details by materials used and sizes are given in press summaries.

Table 4.—WOOL

[Base year in bold-faced type]

YEAR AND MONTH	RECEIPTS AT BOSTON ¹			IM-PORTS (un-manu-fac-tured) ²	CON-SUMP-TION (in grease equivalent) ³	STOCKS ⁴ (in grease equivalent)			RECEIPTS AT BOSTON ¹			IM-PORTS (un-manu-fac-tured) ²	CON-SUMP-TION (in grease equivalent) ³	STOCKS ⁴ (in grease equivalent)			
	Total	Domestic	Foreign			Total	Held by manu-fac-turers	Held by dealers	Total	Domestic	Foreign			Total	Held by manu-fac-turers	Held by dealers	
	Relative to 1913				Relative to 1921	Relative to last two quarters of 1920			Thousands of pounds								
	RELATIVE NUMBERS						NUMERICAL DATA										
1913 mo. av.	100	100	100	100					18,761	13,483	5,278	12,651					
1914 mo. av.	140	118	228	171					27,906	15,891	12,012	21,600					
1915 mo. av.	191	112	391	272					35,801	15,142	20,660	24,393					
1916 mo. av.	196	127	371	296					36,633	17,100	19,563	27,432					
1917 mo. av.	225	130	468	277					42,215	17,510	24,705	35,063					
1918 mo. av.	224	113	506	299					41,050	15,275	26,662	37,611					
1919 mo. av.	213	132	419	294					39,918	17,825	22,093	27,158					
1920 mo. av.	122	65	266	171		100	100	100	22,890	8,809	14,630	21,635		829,174	153,917	315,259	
1921 mo. av.	152	89	315	211		100	101	83	28,590	11,977	16,613	26,717	44,125	133,473	217,412	286,061	
1922 mo. av.	193	118	383	248		124	96	158	36,147	15,909	20,238	31,329	54,510	107,723	291,316	216,405	
1923 mo. av.	185	90	429	200		121	91	135	34,758	12,094	22,664	32,854	63,467	480,867	217,431	233,437	
1922																	
May.....	218	124	460	261	119				40,972	16,717	24,255	32,956	52,533				
June.....	195	217	140	134	119	91	151	58	36,656	29,278	7,378	16,040	62,621	479,151	277,926	201,225	
July.....	380	300	583	265	106				71,307	40,510	30,791	33,464	46,902				
August.....	227	162	395	272	130				42,635	21,809	20,825	31,472	57,310				
September..	114	64	241	220	124	99	160	67	21,304	8,594	12,710	27,692	51,771	525,174	293,867	231,307	
October.....	109	64	225	200	134				20,530	8,637	11,893	25,261	59,282				
November....	168	71	412	214	143				31,446	9,715	21,731	27,034	63,313				
December...	227	58	659	362	132	98	164	63	42,643	7,855	34,788	45,617	58,567	518,841	302,160	216,683	
1923																	
January.....	244	50	740	445	144				45,789	6,723	39,066	56,313	63,348				
February....	250	44	775	451	181				46,875	5,990	40,885	57,111	57,916				
March.....	344	69	1,046	501	142	95	157	62	64,537	9,337	55,200	63,706	62,659	501,341	288,209	213,141	
April.....	286	60	862	609	128				53,586	8,109	45,477	77,047	56,411				
May.....	285	79	811	373	135				53,383	10,586	42,797	47,173	59,682				
June.....	237	164	422	238	119	100	143	78	44,403	22,144	22,259	30,120	52,449	631,698	263,113	268,186	
July.....	180	193	147	106	105				33,848	26,081	7,762	13,422	46,347				
August.....	113	131	65	81	109				21,125	17,680	3,445	10,289	48,233				
September..	74	77	66	62	106	90	122	73	13,607	10,434	3,173	7,883	46,616	474,745	223,883	200,565	
October.....	40	32	60	76	117				7,511	4,335	3,176	9,566	51,815				
November....	62	61	66	78	114				11,676	8,202	3,474	9,815	50,279				
December...	109	115	94	93	108	79	117	58	20,463	15,511	4,952	11,797	45,452	418,681	214,627	201,154	
1924																	
January.....	161	88	347	243	122				30,159	11,823	18,336	20,786	53,845				
February....	96	40	240	312	115				18,100	5,458	12,642	59,457	50,633				
March.....	202	92	486	325	108	70	116	46	37,985	12,342	25,643	41,058	47,650	571,158	213,129	158,029	
April.....	90	74	132	233	101				16,919	9,955	6,964	29,457	44,261				
May.....	101	84	145	150	83				19,018	11,367	7,651	18,916	36,207				
June.....	160	192	42	130	70				28,125	25,918	2,207	15,397	39,972				
July.....																	
August.....																	
September..																	
October.....																	
November....																	
December...																	

¹ Receipts of wool at Boston compiled by the Boston Chamber of Commerce and comprise usually about two-thirds of all wool imported and about half of the domestic wool clip. All classes of wool are combined in these figures, without reduction to grease equivalent.

² Imports are from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and total wool of all classes, without reduction to grease equivalent.

³ Consumption of wool by textile mills from U. S. Department of Agriculture, Bureau of Agricultural Economics, until April, 1922, when the compilation was transferred to the U. S. Department of Commerce, Bureau of the Census. These data reported by almost 600 manufacturers represent nearly 50 per cent of the industry, the figures from the American Woolen Company and from 10 to 20 other concerns not being included. The figures are reduced to grease equivalent by multiplying foreign scoured wool by the factor 1 1/2, domestic by 2 1/2, and pulled wool by 4/3.

⁴ Stocks of wool held by about 600 manufacturers and about 400 dealers from the U. S. Department of Agriculture, Bureau of Agricultural Economics, until April, 1922, and thereafter by that bureau jointly with U. S. Department of Commerce, Bureau of the Census. Figures have not been received from practically the same firms as fail to report on wool consumption while about 15 dealers do not report. Stocks in dealers' hands include U. S. Government stocks taken over during the war and finally disposed of shortly after the end of 1921. Stocks include wool, tops, and nolls and are reduced to grease equivalent in the same manner as in the consumption report; further details as to classes of wool, etc., are given in press releases.

⁵ Average of the last two quarters of 1920.

⁶ Average of the first three quarters of 1921.

⁷ Average of the last three quarters of 1922.

⁸ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

Table 5.—COTTON¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	Pro- duc- tion (crop esti- mate) ¹	Re- ceipts into sight	Im- ports	Exports (includ- ing linters)	Con- sump- tion	STOCKS, END OF MONTH			
						Domestic			World visible ²
						Total	Mills	Ware- houses	
Relative to 1913									
1909-1913 monthly average.....	100								
1913 monthly average.....	109	100	100	100	100	100	100	100	100
1914 monthly average.....	124	86	101	105	98	111	89	128	105
1915 monthly average.....	86	104	166	96	108	159	114	194	144
1916 monthly average.....	88	99	158	81	119	155	137	169	112
1917 monthly average.....	87	80	114	55	122	134	122	144	89
1918 monthly average.....	92	77	92	47	111	152	117	179	91
1919 monthly average.....	88	87	144	75	106	160	105	203	116
1920 monthly average.....	103	78	246	71	105	155	107	193	131
1921 monthly average.....	61	86	114	74	97	198	97	277	148
1922 monthly average.....	75	82	153	72	109	153	106	189	104
1923 monthly average.....	77	78	154	61	117	125	109	138	69
1922									
January.....		76	207	65	113	204	123	268	140
February.....		40	270	47	102	188	117	244	126
March.....		45	295	63	112	172	115	217	116
April.....		37	74	82	95	152	107	186	110
May.....		51	71	65	106	129	104	148	97
June.....		42	62	68	109	106	98	113	83
July.....	85	33	42	51	98	88	90	86	92
August.....	87	45	72	38	113	83	75	89	62
September.....	81	116	125	51	106	139	78	186	72
October.....	78	194	132	110	115	184	102	248	118
November.....	78	179	244	118	124	192	127	243	125
December.....	75	126	338	84	114	194	141	236	123
1923									
January.....		72	518	65	131	177	146	202	109
February.....		34	327	49	122	156	149	162	28
March.....		38	262	44	134	143	150	138	75
April.....		25	184	36	124	125	138	114	59
May.....		31	116	22	133	104	120	92	46
June.....		23	66	30	116	83	99	71	36
July.....	88	24	31	24	99	66	80	54	28
August.....	88	45	17	34	106	64	59	68	30
September.....	83	124	33	95	104	95	57	124	52
October.....	85	197	37	108	116	149	81	202	90
November.....	79	177	82	106	114	169	106	218	104
December.....	77	142	175	116	99	167	119	204	110
1924									
January.....		75	235	75	124	149	120	172	98
February.....		35	239	66	109	132	116	144	90
March.....		31	245	46	104	113	110	115	70
April.....		34	199	44	103	92	98	88	59
May.....		34	79	45	89	74	85	65	50
June.....		18	67	32	75	59	70	51	40
July.....	93								30
August.....									
September.....									
October.....									
November.....									
December.....									

See footnotes on opposite page also.

¹ Receipts into sight compiled by *New Orleans Cotton Exchange*; world visible supply of American cotton from *Commercial and Financial Chronicle*; production estimates from *U. S. Department of Agriculture, Bureau of Agricultural Economics*; imports and exports from *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*; consumption and domestic stocks from *U. S. Department of Commerce, Bureau of the Census*. Linters are not included in the statistics in this table, except in the exports. Yearly figures represent averages for the calendar year except for ginnings and production, in which case totals for the crop year are shown (not an average), and the 1913 and 1914 data on imports and exports, which are averages for the fiscal year ending June 30 of year given.

² These figures are for fiscal years ending June 30 of the year given; those following are for calendar years.

³ All bales are running bales counting round as half bales, except for imports which are given in equivalent 500-pound bales.

Table 6.—COTTON¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	Production (crop estimate) ²	Ginnings (total crop to date) ³	Receipts into sight	Imports	Exports (including linters)	Consumption	STOCKS, END OF MONTH			
							Domestic			World visible ⁴
							Total	Mills	Warehouses	
Bales ⁵										
1009-13 mo. av.	13,033,235									
1913 mo. av.	14,156,486	13,982,811	1,203,092	20,309	727,044	465,289	3,085,132	1,339,417	1,724,715	3,084,382
1914 mo. av.	16,134,930	15,905,840	1,035,730	20,558	763,775	451,064	3,414,852	1,299,177	2,205,675	3,256,082
1915 mo. av.	11,191,820	11,068,173	1,256,601	33,798	696,583	600,749	4,898,845	1,552,989	3,345,856	4,448,002
1916 mo. av.	11,499,030	11,363,915	1,186,402	32,064	585,810	551,701	4,777,800	1,863,668	2,914,132	3,470,325
1917 mo. av.	11,302,375	11,248,242	959,945	23,103	401,570	567,984	4,137,257	1,658,513	2,478,744	2,756,811
1918 mo. av.	12,040,532	11,906,480	930,820	18,781	342,696	514,712	4,687,250	1,594,578	3,092,672	2,826,666
1919 mo. av.	11,420,763	11,325,532	1,050,988	29,226	546,432	493,293	4,935,974	1,430,976	3,504,998	3,601,306
1920 mo. av.	13,439,603	13,270,970	940,762	49,999	513,261	460,933	4,782,190	1,453,054	3,329,136	4,063,564
1921 mo. av.	7,953,641	7,977,778	1,036,637	23,137	540,435	450,565	6,100,426	1,312,862	4,787,564	4,588,429
1922 mo. av.	9,761,817	9,729,306	984,931	31,008	509,526	507,294	4,706,032	1,447,190	3,258,842	3,230,285
1923 mo. av.	10,081,000	10,159,498	934,750	31,263	410,761	542,825	3,852,629	1,478,416	2,374,213	2,131,192
1922										
January		7,912,452	914,329	42,093	475,910	526,698	6,290,376	1,668,668	4,621,708	4,322,285
February		7,977,778	478,213	54,761	338,440	472,336	5,610,104	1,595,242	4,214,862	3,890,580
March			536,624	59,957	491,184	519,761	5,399,281	1,557,023	3,752,258	3,592,132
April			413,759	15,115	598,269	443,569	4,674,823	1,491,340	3,213,483	3,398,909
May			608,951	14,329	469,397	495,337	3,979,879	1,420,428	2,559,451	3,000,650
June			506,575	12,662	491,079	509,218	3,281,381	1,330,903	1,950,478	2,567,649
July	11,065,000		392,922	8,587	373,242	458,002	2,706,553	1,218,368	1,488,185	2,839,888
August	11,400,000	806,189	546,895	14,678	273,308	526,380	2,555,015	1,024,574	1,530,441	1,597,056
September	10,575,000	3,866,396	1,393,812	7,012	368,390	494,013	4,283,755	1,063,616	3,217,639	2,728,591
October	10,135,000	8,139,215	2,331,478	26,810	798,664	533,744	5,069,064	1,381,915	4,287,149	3,637,160
November	10,135,000	9,310,601	2,155,597	49,551	858,337	579,190	5,922,143	1,724,483	4,197,660	3,876,414
December	9,761,817	9,597,330	1,510,011	68,547	607,853	529,342	5,986,701	1,917,231	4,069,470	3,811,650
1923										
January		9,648,261	872,132	105,215	473,436	610,399	5,474,067	1,958,115	3,485,952	3,359,121
February		9,729,306	410,188	66,329	359,657	566,805	4,824,294	2,020,900	2,803,394	2,733,781
March			452,817	53,219	318,210	624,264	4,413,534	2,033,837	2,379,697	2,335,093
April			305,058	37,271	259,984	676,514	3,843,012	1,678,198	1,965,714	1,612,765
May			374,977	23,593	160,368	620,854	3,214,386	1,634,167	1,580,219	1,432,114
June			275,127	13,367	214,851	542,026	2,574,652	1,347,468	1,227,184	1,108,674
July	11,412,000		291,837	6,356	171,469	462,654	2,032,521	1,093,618	938,903	868,292
August	11,510,000	1,135,880	537,967	3,420	244,415	491,604	1,985,875	806,671	1,179,204	918,949
September	10,788,000	3,235,974	1,487,208	6,608	689,435	483,852	2,921,003	773,173	2,147,830	1,597,605
October	11,015,000	7,565,866	2,368,013	7,615	781,722	541,823	4,588,422	1,102,583	3,485,839	2,784,991
November	10,248,000	9,281,264	2,134,887	16,564	770,002	531,631	5,299,355	1,438,813	3,770,542	3,226,125
December	10,081,000	9,811,038	1,706,793	35,001	845,581	461,560	5,149,617	1,623,453	3,526,164	3,404,786
1924										
January		9,948,444	896,469	47,693	546,253	576,644	4,593,798	1,633,332	2,960,466	3,030,084
February		10,159,498	421,331	48,601	482,146	507,876	4,063,251	1,578,272	2,485,000	2,785,208
March			869,306	49,832	332,158	483,926	3,481,810	1,498,296	1,983,514	2,365,222
April			403,471	40,436	320,774	480,010	2,840,359	1,328,273	1,512,086	1,831,382
May			405,927	16,107	326,357	413,649	2,284,489	1,157,778	1,126,711	1,541,135
June			220,426	13,641	230,979	350,277	1,832,629	950,625	882,004	1,223,297
July	12,144,000									933,493
August										
September										
October										
November										
December										

See footnotes on opposite page also.

¹ The yearly figures represent the latest revised estimates of total production for the year (not a monthly average). The monthly figures show the current estimate of total production as reported each month.² Figures for September are to Sept. 25 only. January figures cover ginnings through Jan. 16 and February figures cover all ginnings of the crop. Yearly figures represent total ginnings for the cotton crop harvested in that year (not a monthly average).³ These figures represent world visible supply of American cotton on the Saturday nearest the end of the month.⁴ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

Table 7.—FINISHED COTTON GOODS¹

(Relative numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	Operating activity—per ct. of capacity	BILLINGS—FINISHED YARDAGE ²				ORDERS—GREY YARDAGE				SHIPMENTS				STOCKS			
		Total	White	Dyed	Printed	Total	White	Dyed	Printed	Total	White	Dyed	Printed	Total	White	Dyed	Printed
Relative to 1921 ³																	
1921 mo. av. ³	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1922 mo. av. ³	102	110	112	124	93	106	108	121	84	109	105	128	93	124	142	161	88
1923 mo. av. ³	105	111	106	141	89	102	101	128	68	107	105	118	68	127	143	173	90
1921																	
January.....	51	40	45	40	84	81	84	75	72	65	78	60	61	94	102	109	97
February.....	78	65	74	63	42	85	87	86	79	78	89	69	63	90	94	94	107
March.....	103	102	104	104	93	98	100	97	98	106	113	108	90	84	85	92	78
April.....	102	101	102	101	97	103	103	108	112	97	96	97	91	87	77	89	95
May.....	105	107	109	103	101	96	98	98	87	100	102	101	89	90	80	84	90
June.....	114	117	116	115	119	107	105	97	122	102	95	105	85	99	102	87	99
July.....	95	100	92	100	111	92	88	93	93	97	86	95	97	98	98	94	101
August.....	109	112	107	119	125	112	121	108	124	109	103	114	125	106	106	101	117
September.....	115	119	115	119	137	119	110	123	130	125	120	129	140	114	120	116	105
October.....	118	123	126	122	122	112	109	115	104	114	113	115	141	112	109	112	101
November.....	106	114	110	115	120	95	96	101	78	107	104	106	118	126	128	121	110
December.....	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
1922																	
January.....	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
February.....	83	91	100	101	56	88	96	93	68	95	99	106	82	123	139	116	111
March.....	103	112	116	128	73	99	106	107	75	109	111	132	88	119	125	147	100
April.....	89	102	160	112	95	89	91	103	70	96	95	102	93	124	140	158	106
May.....	103	108	105	121	96	112	115	120	97	111	101	119	93	126	141	191	65
June.....	103	117	110	123	110	114	112	120	103	108	101	127	102	124	138	185	93
July.....	95	100	99	105	100	96	104	166	74	102	99	124	90	122	144	166	92
August.....	102	113	125	130	100	97	99	119	73	107	100	129	114	126	151	166	80
September.....	98	104	110	117	89	115	121	131	84	111	105	131	95	123	153	170	85
October.....	114	118	128	133	97	126	126	153	92	116	115	125	94	124	148	161	76
November.....	120	120	123	137	103	122	112	150	107	122	116	155	91	127	147	151	69
December.....	114	125	117	153	104	107	100	131	85	124	119	159	76	127	134	161	85
1923																	
January.....	118	124	119	140	123	123	117	154	103	128	114	150	74	120	124	144	84
February.....	114	116	105	143	116	114	109	144	91	123	109	153	94	113	113	133	77
March.....	129	135	128	160	131	134	121	172	125	135	119	160	79	114	124	144	88
April.....	122	123	112	146	128	111	72	151	73	116	116	125	75	119	135	159	95
May.....	114	122	104	167	102	89	86	114	59	115	113	116	82	123	139	169	98
June.....	94	106	95	146	76	82	78	103	55	93	91	101	71	133	138	195	106
July.....	76	83	74	113	61	68	70	90	36	79	75	80	47	139	140	200	104
August.....	80	89	88	118	57	87	95	107	44	86	85	90	44	136	149	182	96
September.....	94	91	93	113	54	111	110	142	58	94	101	91	51	129	156	172	85
October.....	111	120	129	154	75	109	118	128	69	110	118	110	69	132	159	188	86
November.....	102	114	111	154	77	102	110	124	59	104	105	108	77	135	172	177	80
December.....	97	111	118	139	71	90	103	104	47	104	109	107	59	137	162	212	80
1924																	
January.....	114	109	113	133	66	95	97	127	60	121	127	119	63	133	153	214	80
February.....	98	101	102	127	63	91	92	118	54	107	124	107	54	127	145	221	78
March.....	97	100	105	120	66	89	95	109	53	103	118	103	68	121	141	210	74
April.....	95	93	91	116	75	89	90	122	53	94	107	103	57	124	143	227	77
May.....	80	90	86	115	58	73	77	96	38	87	93	96	47	120	147	216	80
June.....	71	76	74	101	51	62	62	82	44	74	76	88	43	120	147	207	84
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

See footnotes on opposite page also.

¹ Compiled by the *National Association of Finishers of Cotton Fabrics* from reports from the greater part of their membership, estimated to cover approximately the following percentages of the industry: White goods, 72 per cent; dyed goods, 62 per cent; printed goods, 30 per cent. Many plants were unable to give details as to classes of goods, so that the total column does not always agree with the sum of the component classes.

Table 8.—FINISHED COTTON GOODS¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	Operating activity—per cent of capacity	BILLINGS—FINISHED YARDAGE ²				ORDERS—GREY YARDAGE				SHIPMENTS				STOCKS			
		Total	White	Dyed	Printed	Total	White	Dyed	Printed	Total	White	Dyed	Printed	Total	White	Dyed	Printed
		Thousands of yards								Cases							
1921 monthly av. ³	65	85,386	32,564	28,556	13,105	90,164	33,674	29,312	15,596	44,935	15,496	7,925	2,907	36,226	7,296	3,498	2,989
1922 monthly av. ³	60	94,016	36,449	32,826	12,202	95,609	36,152	35,505	13,133	49,102	16,346	10,140	2,696	44,937	10,338	6,281	2,643
1923 monthly av.	68	95,098	34,617	37,445	11,709	91,504	34,081	37,434	10,624	48,116	16,206	9,361	1,088	46,166	10,401	6,743	2,689
1921																	
January	33	34,316	14,593	10,508	4,394	72,542	28,419	22,067	11,258	29,020	12,093	4,746	1,764	31,080	7,435	4,263	2,905
February	51	55,437	24,100	16,716	5,505	76,202	29,263	25,203	12,247	34,943	13,781	6,449	1,818	32,788	6,861	3,653	2,196
March	67	86,733	33,818	27,500	12,128	88,343	33,805	28,293	15,234	47,457	17,548	8,690	2,612	30,331	6,171	3,694	3,323
April	66	86,811	33,218	26,893	12,710	92,921	34,474	31,755	17,497	43,556	14,893	7,766	2,658	31,357	5,638	3,478	2,837
May	68	91,034	35,573	27,279	13,228	86,754	33,093	28,713	13,608	44,889	15,800	7,969	2,697	32,642	5,801	3,290	2,689
June	74	99,929	37,775	30,625	15,557	96,829	35,297	28,306	19,075	45,996	14,754	8,336	2,463	35,871	7,430	3,357	2,947
July	62	85,324	30,043	26,460	14,634	82,734	29,509	27,295	14,548	43,650	13,353	7,565	2,809	35,431	7,125	3,670	3,032
August	71	95,915	34,729	31,485	16,421	100,741	40,722	31,515	10,402	49,177	15,006	9,005	3,631	38,413	7,734	3,944	3,489
September	75	101,825	37,587	31,575	18,001	107,336	37,055	36,118	20,249	55,949	18,654	10,252	4,078	41,177	8,768	4,514	3,151
October	77	105,286	41,049	32,446	16,003	100,910	36,491	33,691	16,226	51,439	17,510	9,135	4,091	40,725	7,992	4,364	3,010
November	69	97,132	35,723	30,639	15,666	85,279	32,286	29,471	12,215	48,207	16,165	8,420	3,438	45,675	9,325	4,723	3,297
December	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
1922																	
January	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
February	54	78,088	32,459	26,909	7,360	79,251	32,208	27,358	10,624	42,577	15,378	8,353	2,387	44,548	10,172	4,516	3,319
March	67	95,219	37,680	33,917	9,619	89,450	35,588	31,403	11,619	49,094	17,227	10,453	2,572	43,165	9,121	5,750	3,263
April	58	87,153	32,620	29,810	12,385	80,546	30,800	30,207	10,927	43,355	14,750	8,089	2,714	45,019	10,210	6,150	3,178
May	67	92,255	34,037	32,075	12,622	100,842	38,774	35,074	15,071	49,859	15,683	9,431	2,703	45,815	10,256	7,461	1,953
June	67	99,874	35,758	32,665	14,458	102,768	37,679	35,076	16,090	48,487	15,608	10,067	2,972	44,792	10,062	7,220	2,700
July	62	85,037	32,345	27,889	13,143	86,272	34,850	30,962	11,478	46,049	15,339	9,793	2,613	41,208	10,482	6,458	2,738
August	66	96,879	40,772	34,641	13,099	87,249	33,297	34,952	11,408	48,048	15,494	10,252	3,318	45,526	11,012	6,456	2,297
September	64	88,917	35,728	31,155	11,721	103,835	40,789	38,278	13,138	49,844	16,238	10,378	2,775	44,512	11,145	6,619	2,543
October	74	101,143	41,663	35,208	12,753	113,613	42,363	44,936	14,279	52,200	17,782	9,899	2,729	44,910	10,780	6,273	2,283
November	78	102,898	39,907	36,297	13,428	110,211	37,817	43,897	16,639	54,786	17,908	12,271	2,647	45,969	10,696	5,886	2,661
December	74	106,716	37,972	40,515	13,638	96,558	33,622	38,347	13,185	65,764	18,393	12,577	2,223	45,846	9,745	6,268	2,549
1923																	
January	77	105,986	38,733	37,142	16,170	111,130	39,404	44,992	16,052	67,471	17,604	12,576	2,140	43,658	9,041	5,604	2,497
February	74	99,442	34,251	37,865	15,189	102,827	36,655	42,263	14,180	55,092	16,852	12,135	2,729	40,935	8,283	5,198	2,304
March	84	115,456	41,160	42,513	17,142	120,441	40,873	50,277	10,421	60,827	18,470	12,653	2,306	41,142	9,022	5,623	2,621
April	70	105,460	36,370	38,719	16,823	99,742	32,749	44,123	11,322	62,010	17,966	9,680	2,173	43,103	9,829	6,181	2,849
May	74	104,340	33,912	44,254	13,386	79,819	29,017	33,364	9,141	51,569	17,588	0,160	2,377	44,445	10,113	6,605	2,943
June	61	90,302	30,974	38,739	9,955	74,146	26,391	30,248	8,539	41,588	14,069	7,964	2,075	48,155	10,090	7,610	3,170
July	51	70,931	24,208	30,088	8,022	61,451	23,484	26,231	5,581	35,361	11,616	6,324	1,366	50,279	10,209	7,786	3,108
August	52	76,322	28,720	31,386	7,517	78,022	31,969	31,486	6,814	38,662	13,239	7,098	1,282	49,399	10,872	7,996	2,916
September	61	77,892	30,388	29,894	7,022	99,618	37,045	41,723	9,088	42,377	15,645	7,247	1,474	46,665	11,407	6,714	2,536
October	72	102,695	42,057	40,796	9,867	97,985	39,731	37,480	10,807	49,295	18,274	9,182	1,995	47,686	11,613	7,323	2,556
November	66	97,831	36,130	41,011	10,088	91,829	36,910	36,459	9,261	46,548	16,237	8,690	2,226	49,017	12,540	6,908	2,393
December	63	94,824	38,499	36,931	9,323	81,041	34,738	30,561	7,282	46,586	16,903	8,518	1,711	49,506	11,700	8,271	2,376
1924																	
January	74	92,714	36,735	35,389	8,682	86,888	32,569	37,143	9,368	64,291	19,651	9,411	1,830	48,007	11,554	8,332	2,366
February	64	85,823	33,172	33,603	8,239	81,680	30,980	34,466	8,438	47,856	19,225	8,458	1,581	45,883	10,555	8,628	2,340
March	63	85,110	34,066	31,974	8,678	80,300	31,985	31,905	8,342	46,469	18,218	8,200	1,987	43,948	10,286	8,197	2,199
April	62	79,776	29,774	30,677	9,889	80,530	30,435	35,678	8,100	42,170	16,549	8,147	1,654	44,959	10,771	8,863	2,280
May	52	76,574	27,928	30,483	7,568	65,610	25,935	28,000	5,952	39,035	14,474	7,616	1,365	43,395	10,734	8,429	2,381
June	46	64,761	24,126	26,723	6,660	55,955	20,899	24,154	6,832	33,397	11,745	6,977	1,243	43,586	10,764	8,069	2,522
July																	
August																	
September																	
October																	
November																	
December																	

See footnote on opposite page also.

¹The goods are billed as completed; hence this approximates a production figure.²Average for 11 months.³Not available.

Table 10.—MISCELLANEOUS TEXTILES

[Base year in bold-faced type]

YEAR AND MONTH	RAW SILK				ELAS- TIC WEB- BING ¹	FI- BERS (un- manu- factured)	BUR- LAP	FALL RIVER MILL DIVIDENDS ⁴ (quarterly)		RAW SILK				ELAS- TIC WEB- BING ¹	FI- BERS (un- manu- factured)	BUR- LAP	FALL RIVER MILL DIVIDENDS ⁴ (quarterly)	
	Im- ports ¹	Deliv- eries ²	Stocks, end of month ³	Sales				Imports ¹	Total	Ratio to capital- ization	Im- ports ¹	Deliv- eries ²	Stocks, end of month ³				Sales	Imports ¹	Total	Ratio to capital- ization
	Rel. to 1913	Relative to 1920	Rel. to 1919	Relative to 1900-1913 average	Relative to 1913	Thous. of pounds	Bales	Thous. of yards	Long tons	Thous. of pounds	Thous. of dollars	Per cent per quarter						
	RELATIVE NUMBERS								NUMERICAL DATA									
1900-13 mo. av.....					100	100												
1913 mo. av.....	100				114	112	100	100	2,859				28,613	33,922			\$519	1.820
1914 mo. av.....	90				115	108	59	60	2,566				32,596	37,917			306	1.631
1915 mo. av.....	109				115	100	55	54	3,094				32,960	36,519			306	1.631
1916 mo. av.....	120				144	95	114	95	3,406				32,769	34,047			285	1.974
1917 mo. av.....	127				116	120	203	183	3,619				41,000	32,147			593	1.734
1918 mo. av.....	142				111	107	291	252	4,060				33,318	40,653			1,054	3.338
1919 mo. av.....	162			100	95	109	235	201	4,627			14,707	27,274	36,890			1,221	3.651
1920 mo. av.....	116	100	100	86	118	140	466	411	3,308	17,830	51,312	12,620	33,817	47,398			2,521	7.480
1921 mo. av.....	154	151	42	79	71	117	150	112	4,377	26,941	21,315	11,593	20,416	39,514			779	2.071
1922 mo. av.....	169	172	63	91	80	127	147	110	4,825	30,635	32,350	13,778	22,615	43,185			762	1.997
1923 mo. av.....	181	168	65	89	93	147	170	113	5,169	29,668	33,367	13,041	26,613	50,065			882	2.061
1922																		
May.....	164	187	41	87	77	165			4,662	33,284	20,826	12,758	22,120	56,007				
June.....	178	166	52	111	83	214	125	93	5,077	29,529	26,895	16,334	23,648	72,503			650	1.685
July.....	144	140	54	95	58	108			4,102	24,996	27,474	13,915	16,500	36,575				
August.....	210	195	63	119	72	76			5,982	34,772	32,515	17,561	20,542	25,717				
September.....	148	192	72	100	77	118	125	92	4,230	34,212	36,795	14,753	22,145	40,100			647	1.678
October.....	275	210	89	96	102	150			7,820	37,471	45,693	14,147	20,065	51,038				
November.....	200	199	82	100	93	102			5,702	35,467	47,159	14,716	26,553	55,067				
December.....	190	174	96	97	120	111	126	93	5,428	31,042	49,174	14,260	37,045	37,613			654	1.694
1923																		
January.....	197	195	92	100	165	180			5,603	34,680	47,087	14,673	47,106	61,013				
February.....	180	203	87	93	92	141			5,133	36,231	44,615	13,713	26,367	47,914				
March.....	216	188	77	117	106	163	136	93	6,154	33,515	39,436	17,223	30,213	55,241			707	1.691
April.....	146	214	56	110	104	156			4,170	38,193	28,657	16,181	29,752	52,825				
May.....	172	137	58	111	99	171			4,904	24,500	29,062	16,260	28,392	58,135				
June.....	138	156	50	103	63	144	143	95	3,945	27,824	25,865	15,101	18,149	48,938			741	1.721
July.....	224	160	45	75	70	130			6,380	28,573	22,914	10,990	20,055	43,950				
August.....	170	188	50	81	64	119			4,658	33,547	25,459	11,964	18,424	40,499				
September.....	159	151	53	70	49	133	131	87	4,820	26,929	27,367	10,358	14,144	45,136			678	1.575
October.....	184	145	64	77	67	137			5,240	25,917	32,679	11,259	19,310	46,499				
November.....	212	141	69	68	120	151			6,023	25,225	35,398	9,979	34,199	51,251				
December.....	179	131	80	60	116	143	270	179	5,096	23,274	40,959	8,752	33,246	48,671			1,401	3.237
1924																		
January.....	186	185	87	74	89	165			5,304	32,925	44,398	10,895	25,422	56,049				
February.....	147	167	78	73	87	171			4,200	29,804	40,226	10,782	24,812	57,882				
March.....	97	149	59	84	87	129	126	83	2,760	26,543	30,375	12,415	24,774	43,622			656	1.514
April.....	154	146	50	78	123	227			4,377	25,985	25,662	11,470	35,200	76,838				
May.....	151	159	53	71	76	152			4,313	28,272	27,074	10,515	21,846	51,468				
June.....	108	130	48	50	82	123	143	93	3,091	23,164	24,843	8,620	23,498	41,817			742	1.658
July.....		174	45							30,952	23,213							
August.....																		
September.....																		
October.....																		
November.....																		
December.....																		

¹ Imports of silk, of unmanufactured fibers and of burlap from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Silk imports are a total of unmanufactured silk, including raw silk, cocoons and waste. Unmanufactured fibers include flax, hemp, jute, kapok, manila, New Zealand flax, sisal, etc.

² Deliveries of raw silk from warehouses, indicating approximate consumption by mills, and stocks at warehouses are from the Silk Association of America. A bale of silk averages about 133 pounds, but varies considerably according to origin of the bale.

³ Eleven months' average, February to December, inclusive.

⁴ Elastic webbing sales are reported by eight manufacturers to the Webbing Manufacturers Exchange.

⁵ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

⁶ Dividends paid by textile mills in Fall River in quarter ending in the month given are compiled by G. M. Hoffards & Co. Yearly figures are quarterly averages.

Table 11.—ACTIVE TEXTILE MACHINERY

[Base year in bold-faced type]

YEAR AND MONTH	WOOL ¹					COT- TON ¹	WOOL ¹					COT- TON ¹
	Woolen spindles	Worsted spindles	Wide looms	Narrow looms	Carpet looms	Active spindles	Woolen spindles	Worsted spindles	Wide looms	Narrow looms	Carpet looms	Active spindles
	Relative to 1913						Per cent of active to total					Thousands
	RELATIVE NUMBERS						NUMERICAL DATA					
1913 monthly average.....	100	100	100	100	100	100	77	74	74	73	68	30,560
1914 monthly average.....	101	104	99	105	99	101	78	77	73	77	67	30,748
1915 monthly average.....	110	100	95	96	104	102	85	74	70	71	71	31,188
1916 monthly average.....	116	122	116	126	118	106	89	90	86	92	80	32,293
1917 monthly average.....	121	115	116	121	109	109	93	85	86	88	74	33,400
1918 monthly average.....	118	108	119	118	90	110	91	80	83	86	61	33,624
1919 monthly average.....	105	104	105	104	79	111	81	77	78	76	64	33,876
1920 monthly average.....	88	100	86	96	99	111	68	74	64	70	67	33,801
1921 monthly average.....	94	114	96	97	82	108	72	84	71	71	56	33,052
1922 monthly average.....	108	105	93	100	118	108	83	78	69	73	80	33,026
1923 monthly average.....	112	119	109	114	126	113	86	88	81	83	86	34,683
1921												
September.....	101	123	103	104	101	111	78	91	76	74	69	33,864
October.....	104	124	104	103	107	112	80	92	77	75	73	34,206
November.....	101	122	99	107	109	113	78	90	73	78	74	34,423
December.....	97	118	95	108	109	113	75	87	70	79	74	34,439
1922												
January.....	95	116	89	100	115	113	73	86	66	73	78	34,441
February.....	104	116	93	100	116	110	80	86	69	73	79	33,755
March.....	109	101	88	99	116	104	84	75	65	72	79	31,873
April.....	103	84	81	88	116	103	83	62	60	64	79	31,890
May.....	112	91	85	89	115	104	86	67	63	65	78	31,641
June.....	112	92	86	92	115	104	86	68	64	67	78	31,833
July.....	109	92	86	99	115	105	84	68	64	72	78	32,052
August.....	108	101	88	93	116	106	83	75	65	68	79	32,492
September.....	110	109	97	104	121	109	85	81	72	76	82	33,316
October.....	109	120	104	108	122	111	84	89	77	79	83	33,837
November.....	109	122	109	112	124	113	84	90	81	82	84	34,658
December.....	110	120	109	114	125	114	85	89	81	83	85	34,976
1923												
January.....	110	122	109	118	126	115	85	90	81	86	86	35,237
February.....	113	123	112	118	125	116	87	91	83	86	85	35,304
March.....	117	127	116	118	123	116	90	94	86	86	87	35,486
April.....	117	127	118	116	126	116	90	94	87	85	86	35,513
May.....	117	127	118	116	128	116	90	94	87	85	87	35,374
June.....	113	122	114	115	129	114	87	90	84	84	83	34,856
July.....	112	123	111	114	126	112	86	91	82	83	86	34,244
August.....	109	115	104	111	125	110	84	85	77	81	85	33,709
September.....	108	112	104	110	124	111	83	83	77	80	84	33,939
October.....	109	114	104	111	127	112	84	84	77	81	86	34,379
November.....	106	111	104	110	126	112	82	82	77	80	86	34,101
December.....	105	104	99	108	120	111	81	77	73	79	86	34,045
1924												
January.....	105	99	99	111	121	109	81	73	73	81	82	33,340
February.....	106	105	96	111	122	107	82	78	71	81	83	32,684
March.....	109	105	97	110	121	106	84	78	72	80	82	32,392
April.....	106	97	96	103	109	104	82	72	71	79	74	31,872
May.....	103	88	93	107	96	109	79	65	69	78	65	30,493
June.....	101	78	89	100	94	96	78	58	66	73	64	29,216
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹ Percentage of active wool machinery compiled by the U. S. Department of Commerce, Bureau of the Census, except for 1913, when it was collected by the National Association of Wool Manufacturers. Previous to October, 1922, these figures were originally given as of the first of the following month, representing the previous month's operations, but these have now been changed to show the activity for the month to which properly credited.

² Data from U. S. Department of Commerce, Bureau of the Census, representing total spindles active in textile mills during the month

Table 12.—HOURLY ACTIVITY IN TEXTILE MACHINERY

[Base year in bold-faced type]

YEAR AND MONTH	WOOL ¹							COTTON ¹		WOOL ¹							COTTON ¹		
	Looms			Sets of cards	Combs	Spinning spindles		Total spindle hours	Per spindle in place	Looms			Sets of cards	Combs	Spinning spindles		Total spindle hours	Per spindle in place	Per cent of capacity
	WIDE	NARROW	CARPET AND RUG			WOOL-EN	WOR-STERD			WIDE	NARROW	CARPET AND RUG			WOOL-EN	WOR-STERD			
	Relative to 1921							Relative to 1922		Per cent of active hours to total reported							Millions of hours	Hours	Per cent
	RELATIVE NUMBERS							NUMERICAL DATA											
1921 mo. av...	100	100	100	100	100	100	100	98	99	68.8	68.9	51.8	71.5	69.1	71.9	81.9	7,539	206	93.1
1922 mo. av...	99	102	150	124	102	120	96	100	100	68.4	65.3	76.9	68.8	90.8	66.4	78.6	7,723	209	93.7
1923 mo. av...	120	119	160	138	109	128	112	107	106	82.5	76.1	82.0	98.0	97.5	62.1	91.0	8,288	222	98.6
1921																			
May.....	116	109	86	112	111	113	109			80.1	69.9	44.1	60.2	68.0	61.4	69.0			
June.....	120	115	92	115	108	114	114			82.5	73.7	47.1	62.1	95.9	81.8	93.4			
July.....	115	110	82	111	98	111	105			79.2	70.6	42.1	70.4	87.4	80.0	65.7			
August.....	111	108	112	110	102	110	108	95	96	70.7	69.0	57.4	78.9	91.2	78.8	68.5	7,320	200	96.1
September..	108	113	128	110	110	110	113	96	97	74.2	72.5	65.5	79.0	97.6	79.1	92.2	7,379	202	93.7
October.....	109	114	136	115	112	114	112	98	99	75.1	73.0	69.9	82.0	99.5	81.7	91.9	7,583	207	94.4
November...	104	116	142	110	105	109	107	100	100	71.3	74.3	72.7	78.8	93.8	78.1	67.4	7,659	210	98.3
December...	98	113	137	102	111	103	105	100	100	67.1	72.2	70.3	72.9	98.6	74.4	68.2	7,726	210	93.0
1922																			
January.....	94	106	148	105	108	104	105	103	103	64.8	68.0	76.1	75.4	96.3	74.6	80.1	7,932	215	97.0
February....	96	107	150	118	109	113	101	92	92	65.9	68.1	76.9	84.4	97.2	81.6	82.7	7,120	193	93.6
March.....	92	99	152	124	92	119	86	101	101	63.1	63.5	78.2	68.4	82.3	65.9	70.8	7,779	211	89.8
April.....	85	84	146	121	82	118	76	86	86	68.4	63.4	74.8	66.2	72.7	84.8	62.1	6,636	180	83.8
May.....	91	86	147	125	89	123	80	97	97	62.4	56.2	75.5	89.7	79.2	88.6	65.3	7,493	203	88.1
June.....	93	94	141	127	91	125	84	109	99	63.8	69.9	72.1	91.0	81.2	89.9	68.5	7,646	207	91.6
July.....	91	98	137	123	90	120	81	91	91	62.8	62.6	70.4	88.2	80.4	86.0	66.1	7,645	191	87.2
August.....	92	91	150	124	96	120	87	104	104	63.6	68.3	76.8	88.8	85.5	66.2	71.4	8,033	217	92.1
September..	105	112	158	128	105	123	103	100	100	72.4	71.3	80.9	91.3	93.2	88.1	84.0	7,761	209	93.9
October.....	114	122	144	131	119	126	115	107	107	78.6	77.7	74.0	93.8	100.4	90.6	94.0	8,289	223	99.2
November...	116	114	163	131	125	125	114	113	112	80.0	72.7	83.7	93.7	114.4	89.7	93.7	8,710	234	106.2
December...	123	115	162	132	116	126	120	107	106	84.5	73.3	83.3	94.4	103.8	90.5	98.6	8,228	221	101.2
1923																			
January.....	126	131	168	133	116	127	116	120	119	86.7	83.7	86.3	95.1	103.0	91.6	95.4	9,266	249	107.6
February....	116	116	160	133	105	132	117	169	109	79.7	74.3	81.9	95.0	93.3	94.6	95.8	8,449	227	109.6
March.....	135	134	170	145	132	137	125	123	122	92.9	85.7	87.1	103.9	117.9	98.6	102.1	9,531	255	108.3
April.....	130	131	161	178	134	142	134	114	113	89.5	83.7	82.5	127.3	119.8	102.0	109.5	8,787	236	109.3
May.....	133	132	167	142	126	139	126	121	119	91.3	84.4	85.7	101.4	112.6	99.9	103.0	9,309	249	107.7
June.....	131	130	166	147	115	129	116	109	107	90.1	83.0	85.0	105.4	102.6	92.8	95.1	8,385	224	96.7
July.....	117	115	144	132	109	126	110	92	91	80.7	73.8	74.1	94.2	97.2	90.3	89.7	7,136	191	87.3
August.....	111	100	156	130	95	124	100	98	97	76.3	63.8	79.9	93.2	84.4	89.0	81.5	7,569	202	85.7
September..	113	105	158	131	96	124	101	97	96	77.6	67.4	80.9	94.0	85.5	88.9	82.8	7,482	200	93.2
October.....	111	116	164	130	97	122	106	109	107	76.7	73.9	84.2	92.7	86.2	88.0	87.0	8,382	223	96.4
November...	112	116	165	130	96	123	101	104	102	77.0	74.1	84.5	93.3	85.4	88.7	83.0	8,015	213	96.6
December...	103	103	159	122	93	112	91	92	91	71.2	65.9	71.4	87.4	83.3	60.7	74.2	7,139	190	86.8
1924																			
January.....	106	105	146	122	101	120	89	109	107	72.8	67.3	75.0	67.1	89.6	86.4	72.8	8,448	224	96.7
February....	104	104	148	132	105	125	94	95	93	71.4	66.5	76.1	94.5	94.0	89.6	76.9	7,304	194	89.6
March.....	104	104	142	138	102	128	90	92	89	71.4	66.3	72.7	98.9	90.6	92.0	73.5	7,073	187	82.4
April.....	95	82	125	127	87	123	82	88	86	65.7	52.5	64.3	90.9	77.7	88.3	67.1	6,770	179	70.9
May.....	99	97	105	125	69	115	69	76	75	68.1	61.9	54.0	89.2	61.1	82.7	56.7	5,908	156	67.5
June.....	90	89	95	118	59	110	59	69	67	61.6	56.7	48.9	84.5	62.6	79.0	48.1	5,336	141	64.6
July.....																			
August.....																			
September..																			
October.....																			
November...																			
December...																			

¹ Compiled by the U. S. Department of Commerce, Bureau of the Census. Previous to October, 1922, these figures were originally given as of the first of the following month, representing the previous month's operations, but these have now been changed to show the activity for the month to which properly credited; where activity of over 100 per cent is shown, overtime was reported sufficient to offset all idle hours and leave an excess.

² Compiled by the U. S. Department of Commerce, Bureau of the Census. The capacity percentage takes into account working days, on a single-shift basis, exclusive of holidays.

³ Average for five months, August to December, inclusive.

Table 14.—TEXTILE WHOLESALE PRICES¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	COTTON ²		COTTON YARN	COTTON GOODS		WOOL (BOSTON)		WORSTED YARN	WOMEN'S DRESS GOODS	SUITINGS	SILK, RAW
	Price to producer all grades	Middling upland, New York	Carded, white, Northern, mule spun, 22/1 cones, Boston	Print cloth, 27", 64" x 60, 7.60 yds. to lb., Boston	Sheetings, 4/4 wares shoals, L. L. 36", 4 yds. to lb., New York	Territory fine staple, scoured	1/4 blood combing grease, Ohio and Pennsylvania fleeces	2/32's crossbred stock, Boston	Storm serge, all wool, double warp, 50", New York	Wool-dyed, blue, 55/55", Middlesex, New York	Japanese, Kansai, No. 1, New York
1913 mo. av.---	\$0.120	\$0.128	\$0.248	\$0.035	\$0.061	\$0.57	\$0.25	\$0.777	\$0.563	\$1.545	\$3.610
1914 mo. av.---	.102	.121	.218	.030	.056	.61	.26	.640	.500	1.459	3.694
1915 mo. av.---	.194	.102	.198	.029	.052	.71	.30	.788	.557	1.564	3.318
1916 mo. av.---	.140	.145	.297	.042	.072	.41	.41	1.050	.702	1.074	4.867
1917 mo. av.---	.225	.235	.449	.066	.118	1.59	.60	1.556	1.088	3.158	5.494
1918 mo. av.---	.295	.318	.662	.113	.195	1.84	1.76	2.109	1.405	4.040	6.273
1919 mo. av.---	.302	.325	.596	.099	.168	1.70	.64	1.627	1.318	4.009	8.880
1920 mo. av.---	.300	.339	.703	.126	.210	1.66	.51	1.825	1.540	4.179	8.273
1921 mo. av.---	.127	.162	.331	.051	.087	.85	.26	1.179	.882	2.933	6.035
1922 mo. av.---	.196	.213	.397	.066	.104	1.25	.43	1.413	.838	3.101	7.219
1923 mo. av.---	.273	.294	.486	.075	.123	1.41	.51	1.729	1.024	3.623	8.229
1921											
September.---	.198	.204	.396	.058	.093	.82	.24	1.170	.885	2.835	5.978
October.-----	.177	.197	.421	.064	.103	.82	.24	1.150	.824	2.835	6.027
November.-----	.162	.182	.397	.060	.105	.84	.26	1.150	.815	2.835	7.154
December.-----	.163	.183	.382	.058	.107	.89	.29	1.250	.815	2.835	7.595
1922											
January.-----	.165	.179	.365	.058	.098	.97	.34	1.278	.815	2.835	6.762
February.-----	.159	.181	.351	.056	.098	1.10	.39	1.300	.815	2.835	6.566
March.-----	.160	.183	.353	.060	.096	1.10	.39	1.250	.815	2.835	6.027
April.-----	.159	.181	.350	.060	.091	1.09	.37	1.300	.815	2.835	6.517
May.-----	.187	.208	.370	.064	.093	1.27	.41	1.350	.815	3.060	7.203
June.-----	.204	.221	.400	.065	.100	1.34	.44	1.427	.815	3.070	7.301
July.-----	.207	.223	.412	.066	.106	1.35	.44	1.400	.815	3.000	7.056
August.-----	.211	.219	.420	.065	.107	1.31	.44	1.400	.815	3.285	7.105
September.-----	.200	.215	.412	.066	.105	1.30	.44	1.450	.815	3.285	7.644
October.-----	.224	.228	.424	.072	.108	1.34	.47	1.600	.824	3.285	8.330
November.-----	.238	.256	.452	.077	.117	1.39	.51	1.650	.950	3.420	7.889
December.-----	.245	.257	.460	.077	.120	1.40	.51	1.650	.950	3.420	8.232
1923											
January.-----	.259	.275	.474	.078	.121	1.44	.51	1.700	.950	3.420	8.183
February.-----	.277	.290	.487	.080	.126	1.44	.53	1.750	.933	3.510	8.771
March.-----	.284	.307	.502	.082	.128	1.44	.53	1.750	1.035	3.510	8.624
April.-----	.269	.290	.495	.079	.129	1.49	.53	1.750	1.035	3.510	9.310
May.-----	.256	.277	.471	.073	.124	1.63	.53	1.800	1.035	3.690	8.428
June.-----	.262	.284	.458	.070	.119	1.60	.53	1.800	1.035	3.690	7.693
July.-----	.235	.259	.437	.066	.117	1.44	.51	1.800	1.035	3.690	7.154
August.-----	.241	.255	.432	.064	.111	1.37	.50	1.750	1.035	3.690	7.350
September.-----	.272	.286	.472	.071	.111	1.32	.47	1.700	1.035	3.690	9.890
October.-----	.288	.301	.494	.075	.125	1.30	.47	1.650	1.035	3.690	7.840
November.-----	.310	.350	.540	.079	.128	1.30	.48	1.650	1.035	3.690	7.840
December.-----	1.321	.358	.564	.081	.123	1.34	.51	1.650	1.035	3.690	7.742
1924											
January.-----	.325	.347	.552	.077	.135	1.37	.52	1.700	1.035	3.690	7.350
February.-----	.314	.319	.522	.071	.125	1.41	.54	1.700	1.035	3.690	6.860
March.-----	.277	.285	.483	.066	.121	1.41	.54	1.650	1.035	3.690	6.223
April.-----	.287	.299	.476	.066	.110	1.36	.53	1.650	1.035	3.690	5.135
May.-----	.281	.316	.475	.066	.108	1.33	.49	1.650	1.035	3.690	4.802
June.-----	.278	.300	.474	.068	.108	1.28	.44	1.600	1.035	3.610	4.928
July.-----											
August.-----											
September.-----											
October.-----											
November.-----											
December.-----											

¹ Except for the price of cotton to the producer, which is described below, all prices are averages of weekly quotations and are compiled by the U. S. Department of Labor, Bureau of Labor Statistics, except for the wool quotations, which are from the U. S. Department of Agriculture, Bureau of Agricultural Economics.

² Price of cotton to the producer, given at the end of each month until December, 1923, since which month it is given as of the 15th of the month, is a weighted average of prices received by producers throughout the United States for all grades of cotton as compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. The market price in New York, on the other hand, is quoted on a specific grade and includes handling and transportation charges.

³ Six months' average.

Table 15.—PIG IRON¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	TOTAL PIG IRON			MERCHANT PIG IRON						WHOLESALE PRICES		
	Pro- duc- tion	Furnaces in blast, end of month		Pro- duc- tion	Sales	Ship- ments	Unfilled orders	Stocks on hand		Foun- dry, No. 2 North- ern (Pitts- burgh)	Basic (valley fur- nace)	Com- posite pig iron ¹
		Fur- naces	Capac- ity					Mer- chant fur- naces only	Steel plants mak- ing some mer- chant iron			
	Relative to 1913			Relative to 1914						Relative to 1921		
100	100	100	100	100	100	100	100	100	100	100	100	
1913 monthly average.....	100	100	100							100	100	100
1914 monthly average.....	75	70	75	100	100	100	100	100		87	88	88
1915 monthly average.....	97	85	100							93	93	92
1916 monthly average.....	127	119	127							132	134	132
1917 monthly average.....	124	126	127							259	265	259
1918 monthly average.....	126	131	127							215	221	222
1919 monthly average.....	100	90	98	133	129	145	188	63		189	188	194
1920 monthly average.....	120	107	116	155	125	176	263	38		281	287	284
1921 monthly average.....	54	39	52	44	44	57	85	84	100	157	148	156
1922 monthly average.....	87	67	90	71	109	99	84	43	53	168	164	162
1923 monthly average.....	130	103	130	130	123	131	90	73	60	176	175	176
1922												
January.....	64	47	63	60	69	71	69	76	95	133	123	123
February.....	64	51	70	51	79	76	70	72	89	130	121	123
March.....	80	58	82	67	153	104	82	71	96	131	122	125
April.....	81	60	87	65	240	114	114	59	82	142	136	135
May.....	90	65	92	66	117	123	109	44	69	161	167	155
June.....	92	71	97	75	83	111	106	41	49	162	170	158
July.....	94	64	84	66	74	115	95	32	38	163	165	159
August.....	71	54	65	51	68	89	82	21	24	202	181	180
September.....	79	71	92	58	55	77	71	20	16	229	222	211
October.....	103	81	105	80	57	89	64	21	16	210	210	206
November.....	111	90	116	102	72	112	57	25	25	185	189	191
December.....	121	94	121	113	245	114	88	30	41	171	169	173
1923												
January.....	126	97	125	121	152	127	95	36	40	180	175	177
February.....	117	103	131	115	209	130	116	37	38	183	179	181
March.....	138	110	138	133	279	159	147	32	35	202	205	197
April.....	139	115	142	141	67	154	126	35	35	205	211	204
May.....	151	119	149	158	39	155	96	45	36	200	197	200
June.....	144	120	146	151	51	137	79	61	52	185	186	189
July.....	144	111	136	144	66	118	67	82	69	170	171	175
August.....	135	100	127	132	92	123	62	93	90	166	168	169
September.....	122	95	112	120	91	117	57	102	78	166	169	168
October.....	123	91	118	121	76	120	47	109	85	159	160	158
November.....	113	86	112	114	297	110	97	118	80	148	142	146
December.....	114	85	112	112	60	121	86	121	85	148	142	148
1924												
January.....	118	92	121	113	186	130	90	121	85	151	144	150
February.....	120	98	129	111	103	135	95	117	78	155	150	156
March.....	135	100	134	123	53	142	75	116	71	155	149	155
April.....	126	85	115	120	30	119	56	124	80	147	147	152
May.....	102	68	92	105	50	99	46	133	106	141	139	146
June.....	79	61	78	83	119	81	58	137	114	134	131	137
July.....												130
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Figures for pig-iron production, including iron made with anthracite and coke but not charcoal iron, and representing practically the entire output of pig iron, also furnaces in blast, furnished by the *Iron Age*; merchant pig iron by the *American Pig Iron Association*, representing about 60 per cent of total merchant production and about 90 per cent of production in strictly merchant furnaces; wholesale prices are averages of weekly quotations, from *U. S. Department of Labor, Bureau of Labor Statistics*, except composite pig iron, which is compiled by the *American Metal Market*.

Table 16.—PIG IRON¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	TOTAL PIG IRON			MERCHANT PIG IRON					WHOLESALE PRICES			
	Production	Furnaces in blast end of month		Production	Sales	Shipments	Unfilled orders	Stocks on hand		Pig iron		
		Furnaces	Capacity					Merchant furnaces only	Steel plants making some merchant iron	Foundry No. 2 Northern (Pittsburgh)	Basic (valley furnace)	Composite pig iron ¹
	Long tons	Number	Tons per day	Long tons					Dollars per long ton			
1913 monthly average	2,560,342	269	84,005							\$16.00	\$14.75	\$15.42
1914 monthly average	1,920,813	188	62,752	378,925	329,064	332,724	1,304,073	759,672		13.90	12.98	13.52
1915 monthly average	2,471,881	220	83,623							14.87	13.74	14.15
1916 monthly average	3,253,280	319	106,775							21.07	19.76	20.31
1917 monthly average	3,182,165	338	106,499							41.39	38.90	39.99
1918 monthly average	3,208,837	352	106,954							34.46	32.51	34.38
1919 monthly average	2,648,673	241	81,918	503,450	425,425	483,511	2,432,961	489,650		30.31	27.70	29.91
1920 monthly average	3,077,141	287	97,578	586,016	412,607	585,653	3,435,852	280,145		44.00	42.25	43.40
1921 monthly average	1,378,641	105	43,673	168,491	145,851	189,477	1,111,931	634,959	1,195,422	25.13	21.74	21.05
1922 monthly average	2,240,032	181	75,233	269,513	360,379	330,519	1,093,545	323,645	100,741	26.93	21.20	25.00
1923 monthly average	3,338,271	277	109,072	493,098	407,137	435,775	1,169,675	651,709	113,589	28.15	25.81	27.15
1922												
January	1,644,051	126	53,305	228,667	228,467	234,957	891,061	580,263	179,216	21.26	18.15	19.72
February	1,620,991	138	59,080	192,804	260,091	251,348	911,065	546,403	167,595	20.84	17.75	19.31
March	2,035,920	155	69,015	252,957	504,631	346,571	1,070,027	639,363	189,912	20.96	17.94	19.26
April	2,072,114	162	72,875	246,831	791,070	378,881	1,484,267	445,216	151,202	22.71	20.09	20.77
May	2,306,679	175	77,520	250,089	389,736	407,856	1,420,713	333,613	130,865	25.76	24.60	23.91
June	2,361,028	192	81,845	282,961	273,461	368,222	1,378,223	309,079	93,407	25.99	25.09	24.29
July	2,405,365	172	70,605	251,612	244,666	381,636	1,210,206	244,803	70,907	26.02	24.25	24.54
August	1,816,170	144	54,645	191,965	222,812	295,899	1,065,280	158,877	48,369	32.37	28.60	24.74
September	2,033,720	190	77,500	220,632	181,832	256,354	923,205	150,524	30,943	36.65	32.63	32.48
October	2,637,844	218	87,935	301,295	186,683	295,402	834,322	156,903	30,679	33.57	30.90	31.82
November	2,849,703	242	97,135	380,069	236,382	370,992	739,355	187,562	47,855	29.65	27.75	29.46
December	3,086,593	253	101,400	427,075	606,688	378,639	1,164,914	231,129	76,737	27.40	24.81	26.73
1923												
January	3,229,604	262	105,125	450,298	502,936	424,021	1,243,327	275,034	75,142	28.77	25.80	27.31
February	2,994,187	278	110,055	437,010	688,931	432,694	1,516,489	278,531	72,519	29.27	26.25	27.93
March	3,523,868	296	116,100	503,155	919,971	520,600	1,917,595	240,027	65,438	32.27	30.13	30.36
April	3,549,736	310	119,500	532,956	220,114	513,979	1,642,630	264,578	60,510	32.77	31.00	31.44
May	3,867,691	321	125,100	599,953	129,117	514,731	1,255,336	340,187	68,576	31.07	29.00	30.84
June	3,676,445	323	122,555	572,896	169,647	455,336	1,030,271	463,014	97,963	29.65	27.39	29.11
July	3,678,334	298	114,200	544,490	219,051	392,283	868,052	625,729	129,215	27.27	25.10	26.98
August	3,449,493	270	106,590	500,122	303,276	410,196	895,939	705,421	170,111	26.52	24.75	26.10
September	3,125,512	255	102,000	455,569	300,969	387,643	746,358	772,867	146,635	26.52	24.88	25.98
October	3,149,158	245	99,030	437,796	251,838	398,856	616,722	830,842	160,633	25.37	23.59	24.37
November	2,894,295	231	94,345	431,462	980,865	365,835	1,265,618	896,416	150,296	21.65	20.88	22.49
December	2,920,982	231	94,265	422,538	198,877	403,670	1,120,957	921,803	160,033	23.76	21.00	22.80
1924												
January	3,018,890	248	101,435	438,819	612,545	432,829	1,296,930	918,034	161,002	24.16	21.20	23.18
February	3,074,757	264	108,100	422,130	355,219	447,751	1,241,531	888,353	146,668	24.76	22.00	24.13
March	3,446,086	270	112,240	466,798	173,367	471,986	977,022	882,903	133,261	21.76	21.94	23.84
April	3,233,428	230	96,365	453,879	98,622	396,310	731,207	944,774	164,857	23.56	21.55	23.41
May	2,615,110	184	77,300	396,204	165,193	328,889	606,547	1,003,719	199,229	22.51	20.50	22.67
June	2,026,211	164	65,200	313,417	391,114	268,295	762,915	1,044,696	215,293	21.51	19.63	21.20
July												20.11
August												
September												
October												
November												
December												

See footnote on opposite page also.

¹ The composite pig iron price compiled by the *American Metal Market* is the average price of 10 tons of iron distributed as follows: One ton each of Bessemer Valley; No. 2 foundry valley; No. 2 X foundry at Philadelphia and at Buffalo; No. 2 foundry at Cleveland and at Chicago; two tons each of basic valley and No. 2 Southern foundry at Cincinnati.

² Eleven months' average, February-December, 1921

Table 17.—CRUDE STEEL

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	STEEL IN-GOTS ¹	COMMERCIAL STEEL CASTINGS ¹			U. S. STEEL CORP. ²		SHEETS—BLUE, BLACK, AND GALVANIZED ⁴						WHOLESALE PRICES					
	Production	Total bookings	Railroad specialties	Miscellaneous bookings	Unfilled orders, end of month	Earnings	Production		Total stocks	Unsold stocks	Shipments	Sales	Unfilled orders	Steel billets, Bessemer (Pittsburgh) ⁵	Structural steel beams (Pittsburgh) ⁵	Iron and steel ⁶	Composite steel ⁷	Composite mixed steel ⁸
							Total	Per cent of capacity										
	Relative to 1913						Relative to 1920						Relative to 1913					
1913 mo av..	100	100	100	100	100	100								100	100	100	100	100
1914 mo av..	75	76	75	76	70	52								78	83	87	88	86
1915 mo av..	103	112	105	117	88	95								87	93	94	95	92
1916 mo av..	137	175	195	158	165	243								170	177	154	163	161
1917 mo av..	144	148	109	182	181	215								271	269	266	269	252
1918 mo av..	142	187	171	202	146	136								163	202	215	220	213
1919 mo av..	111	72	41	99	101	105								157	174	191	193	188
1920 mo av..	135	131	112	148	170	129	100	100	100	100	100	100	100	218	187	249	211	222
1921 mo av..	64	48	40	54	90	68	50	48	95	841	51	54	34	134	131	155	158	162
1922 mo av..	114	131	140	123	96	74	111	105	97	513	106	145	60	132	115	144	134	134
1923 mo av..	144	148	136	168	102	131	130	110	116	632	134	152	65	162	160	169	172	165
1922																		
January.....	75	68	85	54	72	41	50	58	80	717	46	52	19	109	99	127	126	124
February.....	82	73	78	69	70	54	71	77	81	759	64	73	21	109	99	125	124	121
March.....	112	95	100	90	76	74	97	94	96	817	87	193	46	109	96	125	122	121
April.....	115	150	196	109	86	68	108	103	91	611	103	188	57	114	99	131	126	125
May.....	128	154	180	130	89	77	128	119	85	397	124	125	53	132	106	139	127	127
June.....	124	177	218	141	95	94	123	119	88	387	118	190	64	136	106	140	129	130
July.....	117	181	136	126	98	86	104	100	91	350	105	102	59	136	109	142	130	131
August.....	104	126	92	156	101	93	133	120	103	343	125	125	55	140	116	151	137	138
September..	112	194	239	154	113	61	118	111	110	380	110	134	55	153	137	166	146	146
October.....	135	160	144	155	117	75	142	126	115	370	130	148	55	155	141	166	149	148
November...	136	121	93	145	116	85	141	126	118	536	134	123	47	146	136	160	149	145
December...	131	137	119	162	114	82	120	111	107	492	126	284	73	142	132	154	149	147
1923																		
January.....	152	204	205	203	117	92	152	127	117	577	144	179	74	145	132	156	151	149
February.....	138	180	163	194	123	83	139	122	132	521	127	180	79	154	139	162	158	157
March.....	161	290	325	258	125	129	163	128	122	520	167	231	90	172	146	172	165	164
April.....	167	186	171	199	123	126	149	125	125	438	147	131	84	175	172	179	174	169
May.....	167	183	167	197	118	155	152	122	127	419	162	172	50	173	174	181	176	168
June.....	149	175	183	168	108	138	127	110	130	534	135	123	73	165	169	177	176	168
July.....	140	108	73	138	100	138	101	96	126	574	112	86	59	165	166	172	176	167
August.....	146	105	80	126	92	149	137	110	120	577	136	83	46	165	166	170	176	167
September..	133	98	94	101	85	125	108	98	102	536	120	159	50	162	166	170	176	167
October.....	142	79	45	109	79	163	132	105	95	1,286	134	131	45	155	163	167	176	167
November...	124	83	57	106	74	151	110	92	109	815	116	117	41	155	166	163	176	167
December...	113	85	66	102	75	123	91	81	93	790	110	248	65	155	166	163	176	167
1924																		
January.....	144	102	82	119	81	129	160	120	105	672	133	167	68	155	166	164	176	168
February.....	151	145	149	141	83	142	160	133	101	548	145	184	63	155	166	165	176	167
March.....	166	199	252	152	81	167	163	133	113	785	152	179	61	155	166	164	174	166
April.....	132	134	140	130	71	140	136	109	83	876	137	180	53	155	162	161	171	162
May.....	104	112	118	107	61	117	103	82	80	775	114	90	43	149	157	157	166	159
June.....	81	97	110	84	55	104	67	56	115	810	82	77	36	147	151	154	165	157
July.....																	163	154
August.....																		
September..																		
October.....																		
November...																		
December...																		

See footnotes on opposite page also.

¹ Yearly figures represent the monthly averages of total production of all companies as compiled annually by the *American Iron and Steel Institute*. The institute reported up to 1923 monthly production figures for 30 companies which produced 84.4 per cent of the total output of the country in 1920, 87.48 per cent in 1921, and 84.15 per cent in 1922. In order to make the monthly figures comparable they have been calculated to a 100 per cent production each year on the basis of the above percentages. The figures since 1922 are calculated on the basis of reports from companies which produced 95.35 per cent of the total production in 1922 and 94.84 per cent in 1923, the total computations to 100 per cent being made by the *American Iron and Steel Institute*. Data for 1924 are printed on the 1923 percentage.

² Bookings of commercial steel castings reported by the *Steel Founders Society* and principal non member firms to the *U. S. Department of Commerce, Bureau of the Census*. Reports are by 70 identical firms with a capacity of 100,700 tons per month, of which 39,100 tons are usually devoted to railway specialties. This represents over two-thirds of the castings capacity of the United States devoted to commercial castings (as distinguished from castings used in further manufacture in the same plant). Prior to 1920 figures for companies representing about 6 per cent of the miscellaneous castings are not available and the totals for this class have been prorated by that amount for these years in order to afford comparison with later years. In July, 1923, two companies, with a combined capacity of 755 tons per month devoted to miscellaneous castings, ceased operations. Railway specialties include such items as bolsters, side arms, draft arms, couplers, and cast-steel car wheels, and are reported by identical firms throughout.

Table 18.—CRUDE STEEL

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	STEEL IN-GOTS ¹	COMMERCIAL STEEL CASTINGS ²			U. S. STEEL CORP. ³		SHEETS—BLUE, BLACK, AND GALVANIZED ⁴						WHOLESALE PRICES					
	Production	Total bookings	Railroad specialties	Miscellaneous bookings	Unfilled orders end of month	Earnings	Production		Total stocks	Unsold stocks	Shipments	Sales	Unfilled orders	Steel billets, per cent (Pittsburgh) ⁵	Structural steel beams (Pittsburgh) ⁵	Iron and steel ⁵	Composite steel ⁵	Composite finished steel ⁵
							Total	Per cent of capacity										
	Long tons	Short tons			Thous. of long tons	Thous. of dolls.	Short tons	Per cent	Short tons					Doll. per long ton	Doll. per lb.	Doll. per long ton	Doll. per pound	
1913 mo. av.	2,523,344	50,466	23,742	26,723	5,997	11,432												
1914 mo. av.	1,901,649	38,187	17,830	20,357	4,115	5,972												
1915 mo. av.	2,607,018	56,345	24,985	31,360	5,189	10,866												
1916 mo. av.	3,450,160	88,450	46,282	42,168	9,720	27,798												
1917 mo. av.	3,634,933	74,616	25,912	48,674	10,716	24,608												
1918 mo. av.	3,587,585	94,493	40,601	53,892	8,635	15,595												
1919 mo. av.	2,807,900	36,256	9,733	26,523	5,995	11,966												
1920 mo. av.	3,407,784	68,109	26,519	39,590	10,023	14,724	171,489	72.7	111,939	5,590	172,161	140,844	639,853	56.20	.028	65.59	.0363	.0368
1921 mo. av.	1,602,933	23,973	9,574	14,399	5,331	7,726	85,409	34.9	103,175	40,989	57,702	75,329	232,551	34.46	.021	40.74	.0269	.0253
1922 mo. av.	2,880,702	66,253	33,265	32,990	5,648	8,470	190,864	76.5	103,709	28,703	182,519	203,869	316,449	33.95	.017	37.86	.0231	.0222
1923 mo. av.	3,623,805	74,565	32,245	42,320	6,009	14,971	222,904	79.7	129,728	35,336	230,823	213,583	450,750	41.70	.024	41.55	.0245	.0274
1922																		
January	1,891,857	34,459	20,031	14,378	4,212	4,654	86,130	42.0	89,109	40,035	80,000	72,922	128,200	28.00	.015	33.35	.0217	.0206
February	2,071,772	37,080	18,578	18,502	4,141	6,181	122,436	56.1	90,771	42,439	110,129	103,057	145,673	28.00	.015	32.86	.0214	.0201
March	2,814,667	68,892	23,791	24,101	4,494	8,505	166,217	68.0	107,970	45,673	149,407	272,357	314,617	23.00	.014	32.97	.0209	.0201
April	2,902,240	75,665	46,560	29,105	5,097	7,750	184,979	75.2	101,863	31,166	177,855	264,629	395,620	29.50	.015	34.42	.0216	.0203
May	3,218,794	77,600	42,796	34,804	5,254	8,822	218,743	86.6	94,853	22,177	212,748	176,200	364,075	34.00	.016	36.49	.0218	.0211
June	3,127,775	89,365	51,694	37,671	5,636	10,712	210,460	96.4	98,560	21,699	203,023	208,032	437,853	35.00	.016	36.96	.0222	.0215
July	2,952,806	66,166	32,372	33,794	5,776	9,834	179,100	72.7	101,339	19,596	191,391	143,563	409,885	35.00	.017	37.50	.0223	.0217
August	2,629,256	63,416	21,843	41,573	5,950	10,615	228,398	87.2	115,242	19,184	215,200	175,495	379,249	36.10	.018	39.79	.0236	.0229
September	2,818,261	97,019	56,781	41,138	6,692	7,020	202,600	80.4	123,439	21,241	190,027	188,863	378,574	39.50	.021	43.79	.0251	.0242
October	3,410,265	75,709	34,276	41,433	6,902	8,566	243,476	91.8	128,981	20,690	223,874	203,916	376,394	40.00	.021	43.69	.0257	.0246
November	3,430,309	60,899	22,131	38,768	6,840	9,663	242,562	91.3	131,782	30,084	230,320	172,774	321,487	37.75	.021	42.03	.0257	.0245
December	3,300,416	68,889	28,271	40,618	6,746	9,323	205,239	80.4	120,000	27,500	216,266	399,621	505,766	36.50	.030	40.53	.0257	.0244
1923																		
January	3,841,095	102,718	48,580	54,138	6,911	10,561	260,520	92.0	131,550	32,229	248,337	252,489	511,346	37.30	.020	41.17	.0259	.0247
February	3,471,843	90,590	38,696	51,894	7,281	9,527	237,919	89.0	148,360	29,123	217,808	253,197	547,897	39.63	.021	42.61	.0272	.0261
March	4,066,680	146,157	77,263	68,894	7,403	14,692	279,475	92.7	136,347	29,034	287,203	325,526	619,823	44.38	.022	45.31	.0283	.0272
April	3,963,736	93,621	40,483	53,138	7,289	14,400	254,808	90.9	140,044	24,470	253,563	183,904	577,969	45.00	.026	47.01	.0299	.0281
May	4,216,355	92,445	39,686	52,759	6,981	17,699	260,005	88.6	141,781	23,397	278,059	212,624	551,139	44.60	.025	47.52	.0303	.0279
June	3,767,250	88,306	43,478	44,828	6,386	15,760	218,432	79.9	145,476	29,827	233,128	172,637	503,175	42.63	.026	46.46	.0303	.0279
July	3,531,458	54,316	17,390	36,926	5,911	15,767	174,910	69.6	141,130	32,052	192,262	92,358	401,868	42.50	.025	45.39	.0303	.0278
August	3,695,788	52,805	19,103	33,702	5,415	16,997	234,112	80.1	134,606	32,252	234,486	116,659	316,972	42.50	.025	44.87	.0309	.0278
September	3,356,770	49,401	22,374	27,027	5,036	14,289	185,577	71.5	114,313	29,975	205,772	223,556	343,096	41.88	.025	44.64	.0303	.0278
October	3,577,091	39,651	10,641	29,010	4,673	18,600	225,714	76.6	106,894	71,992	230,820	185,110	307,540	40.00	.025	43.84	.0302	.0278
November	3,134,321	42,008	13,645	28,363	4,369	17,287	188,144	67.0	112,185	45,561	199,836	165,491	280,013	40.00	.025	42.81	.0302	.0278
December	2,863,266	42,762	15,600	27,162	4,445	11,072	155,299	53.8	104,062	44,146	188,600	319,416	445,167	40.00	.025	43.02	.0302	.0278
1924																		
January	3,633,639	51,406	19,572	31,834	4,798	14,771	274,097	87.2	117,069	37,541	228,660	231,858	471,053	40.00	.025	43.26	.0303	.0279
February	3,809,185	73,138	35,474	37,664	4,913	16,239	275,118	96.5	113,020	30,658	249,859	189,081	434,145	40.00	.025	43.19	.0303	.0278
March	4,187,942	100,514	59,778	40,736	4,783	19,055	278,767	96.5	126,437	43,888	262,497	251,411	422,889	40.00	.025	43.24	.0300	.0275
April	3,333,535	67,806	33,151	34,655	4,208	16,049	234,000	79.0	92,629	48,945	235,967	182,903	362,457	40.00	.025	42.33	.0294	.0269
May	2,628,261	56,581	28,064	28,517	3,623	13,419	176,582	59.6	83,548	43,319	196,254	126,487	294,774	33.50	.024	41.38	.0286	.0264
June	2,056,466	48,718	25,170	22,548	3,283	11,913	114,807	40.9	128,241	45,776	141,176	108,693	246,810	38.00	.023	40.61	.0281	.0261
July																		
August																		
September																		
October																		
November																		
December																		

See footnotes on opposite page also.

¹ Unfilled orders of steel and earnings reported by the United States Steel Corporation.
² Sheets, blue, black, and galvanized, reported by the National Association of Sheet and Tin Plate Manufacturers, representing almost all the independent sheet manufacturers and about 70 per cent of the total output of sheets.
³ Average of weekly prices from U. S. Department of Labor, Bureau of Labor Statistics.
⁴ Average of weekly prices compiled by the Iron Trade Review, on the following 14 products: Pig iron, billets, slabs, sheet bars, wire rods, steel bars, plates, structural shapes, black galvanized and blue annealed sheets, tin plates, wire nails, and black pipe. Pig iron average, in turn, is average of 13 different quotations.
⁵ The figures for composite steel compiled by the American Metal Market represent the average price per pound of steel products weighted as follows: 2½ pound bars, 1½ pound plates, 1½ pound shapes, 1½ pound pipe, 1½ pound wire nails, 1 pound galvanized sheets, and ½ pound tin plate.
⁶ Composite price of finished steel products compiled by the Iron Age includes bars, beams, tank plates, plain wire, open-hearth rails, black pipe, and blank sheets. These products, according to the Iron Age, constitute 83 per cent of the United States output of finished steel.

Table 20.—IRON PRODUCTS ¹

[Base year in bold-face type]

YEAR AND MONTH	OHIO FOUNDRY IRON				STEEL BARRELS AND DRUMS				OHIO FOUNDRY IRON				STEEL BARRELS AND DRUMS			
	Meltings		Total stocks	Receipts of iron	Shipments	Production	Unfilled orders	New orders	Meltings		Total stocks	Receipts of iron	Shipments	Production	Unfilled orders	New orders
	Tonnage	Per cent of normal							Long tons	Per cent of normal							Long tons	Number	Per cent of capacity	Number
	Relative to 1922				Relative to 1921			Rel. to 1920								
	RELATIVE NUMBERS								NUMERICAL DATA							
1920 mo. av.	² 64	³ 40	⁴ 102	100	100	⁵ 100	100	⁶ 7,791	⁷ 20.71	⁸ 22,753	112,431	17.4	⁹ 231,557	169,321		
1921 mo. av.	100	100	100	100	172	195	142	110	12,183	51.89	22,274	8,230	192,380	81,629		
1922 mo. av.	168	142	110	196	179	223	199	93	20,497	73.75	24,508	16,111	200,855	175,790		
1923 mo. av.														149,422		
1921																
September	61	29	80		105	95	103	75	3,766	14.94	17,835		117,112	16.6	240,616	120,531
October	67	60			148	145	109	93	8,137	26.09			165,809	25.2	255,423	149,907
November	77	47	64		116	113	97	82	9,896	24.20	14,217		180,199	19.7	220,677	130,711
December	57	40	104		111	76	83	39	6,922	20.80	23,225		124,006	13.3	193,814	63,609
1922																
January	57	45	132	42	80	90	87	83	6,029	23.13	29,300	8,491	89,210	18.8	204,204	133,574
February	76	60	131	75	91	97	106	42	9,275	31.17	20,241	6,181	101,530	16.9	248,315	67,859
March	104	77	131	91	150	159	120	109	12,646	39.97	29,266	7,530	168,470	27.7	231,794	175,534
April	87	93	92	93	179	207	149	175	10,641	48.40	20,561	7,664	200,214	36.1	350,445	250,999
May	90	95	101	113	201	243	178	200	10,981	49.48	22,528	9,203	225,372	42.2	410,477	321,069
June	99	98	110	124	233	230	182	117	12,017	50.75	24,399	10,174	266,944	40.1	427,739	368,288
July	99	113	89	79	197	230	143	123	12,087	58.54	19,810	6,521	220,992	40.0	344,881	198,129
August	104	139	73	112	218	237	132	87	12,723	71.97	16,105	9,194	244,271	41.2	309,014	140,262
September	112	121	75	87	184	213	138	92	13,639	62.68	16,679	7,187	206,448	37.0	322,632	146,769
October	116	119	88	123	169	206	122	82	14,073	61.42	19,631	10,106	189,484	35.9	287,141	132,050
November	134	122	96	100	173	213	165	105	16,350	63.32	21,439	8,240	191,069	37.1	355,891	169,450
December	123	118	82	160	180	222	181	97	14,929	61.02	18,245	13,179	201,319	33.7	424,107	155,166
1923																
January	110	115	91	132	184	182	221	98	13,410	59.34	20,240	10,828	206,021	31.7	518,463	157,377
February	163	131	108	353	173	238	257	132	19,800	67.80	23,992	29,044	193,992	41.0	603,774	211,019
March	186	161	115	236	227	276	267	153	22,602	83.20	25,617	19,400	254,573	43.1	627,143	246,060
April	203	154	127	260	219	288	237	112	24,787	79.90	28,335	21,925	245,125	50.1	556,801	179,801
May	190	157	105	194	209	266	210	84	23,193	81.12	23,303	15,961	234,440	46.3	493,098	134,474
June	198	157	118	189	185	239	210	98	24,091	81.27	26,306	15,570	207,503	41.5	493,733	157,153
July	207	165	127	183	188	245	180	69	25,183	85.32	23,354	10,950	210,621	42.7	422,478	109,548
August	148	154	103	181	194	236	156	90	18,048	79.56	23,033	14,599	217,127	41.0	366,764	143,500
September	154	138	109	156	147	172	143	76	18,774	71.51	22,830	12,876	164,511	30.0	335,324	122,500
October	176	131	110	200	163	194	173	108	21,458	68.14	24,426	16,489	177,073	33.7	405,653	172,753
November	165	136	106	168	137	176	164	68	20,051	70.29	23,658	13,855	154,562	30.6	355,436	108,374
December	120	111	107	140	129	167	162	32	14,671	57.60	23,938	11,534	144,648	29.1	379,008	50,505
1924																
January	168	144	105	192					20,520	74.40	23,478	15,780				
February	190	143	110	226					23,137	74.10	24,413	18,578				
March	192	154	115	212					23,331	79.90	25,626	17,425				
April	193	144	123	194					23,470	74.60	27,377	15,969				
May	185	145	111	162					22,586	75.00	21,806	13,298				
June	166	139	110	177					20,251	72.00	24,566	14,583				
July																
August																
September																
October																
November																
December																

¹ Data on gray iron foundries in Ohio from *Ohio State Foundrymen's Association*; steel barrels and drums from the *Steel Barrel Manufacturers' Association*. Monthly data on orders for steel barrels and drums back to January, 1920, may be found in the September, 1923, issue (No. 25), pages 54 to 57. Data on steel barrels beginning January, 1924, as compiled by the U. S. Department of Commerce, Bureau of the Census, but not comparable with the above figures, may be found in the text matter relating to iron and steel in the present issue.

² Ten months' average, March to December, inclusive.

³ Five months' average, July to December, exclusive of October.

⁴ Represents last half of September only. Previous to September, 1921, reports are for month beginning on 15th, but subsequent to this date all reports are for the calendar month.

⁵ Six months' average, July to December, inclusive.

Table 21—RAILWAY EQUIPMENT

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	SHIPMENTS ¹						UNFILLED ORDERS ¹						NEW OR- DERS ¹
	Freight cars			Passenger cars			Freight cars			Passenger cars			Freight cars
	Total	Domes- tic	Foreign	Total	Domes- tic	Foreign	Total	Domes- tic	Foreign	Total	Domes- tic	Foreign	Domes- tic
	Relative to 1919												Relative to 1913 ⁴
1918 monthly average.....	67	64	71	368	573	88	140	138	141	235	298	113	152
1919 monthly average.....	100	100	100	100	100	100	100	100	100	100	100	100	19
1920 monthly average.....	43	56	24	179	209	138	53	75	20	442	604	134	63
1921 monthly average.....	30	45	8	395	645	50	19	28	9	222	297	79	18
1922 monthly average.....	41	69	2	311	418	163	74	115	11	516	710	146	143
1923 monthly average.....	103	175	3	726	1,227	38	79	129	4	820	1,233	36	82
1920													
January.....	54	65	38	53	9	113	40	49	26	234	268	169	(⁵)
February.....	40	55	21	21	36	0	41	53	23	218	243	169	(⁵)
March.....	40	40	40	205	100	350	45	60	22	340	450	131	(⁵)
April.....	34	31	38	79	136	0	55	77	20	381	505	144	(⁵)
May.....	34	38	28	0	0	0	59	86	18	476	631	180	76
June.....	28	38	14	111	0	263	61	87	22	505	686	159	52
July.....	25	37	8	237	164	338	64	90	23	508	699	144	67
August.....	36	44	24	179	101	163	61	87	21	529	742	123	67
September.....	39	51	22	200	345	0	60	86	19	553	778	123	33
October.....	56	87	13	179	191	163	58	86	19	518	734	108	62
November.....	58	85	19	289	436	88	52	74	17	556	797	97	24
December.....	73	106	27	695	873	213	44	69	13	492	715	69	24
1921													
January.....	66	102	16	226	391	0	39	59	8	468	678	69	26
February.....	57	91	10	337	455	175	33	48	9	440	647	46	2
March.....	54	83	14	363	627	0	23	39	11	401	587	46	13
April.....	45	65	17	611	1,055	0	23	31	9	333	487	39	3
May.....	34	52	9	758	1,255	75	19	25	9	264	388	30	2
June.....	22	33	8	858	1,445	50	17	22	10	194	251	85	14
July.....	36	56	9	474	818	0	9	11	6	149	188	75	9
August.....	19	31	4	547	945	0	8	8	9	94	98	87	1
September.....	15	21	7	289	336	225	8	9	8	66	70	57	5
October.....	2	1	4	179	309	0	9	11	6	71	41	128	62
November.....	1	1	1	47	82	0	15	18	10	71	33	144	67
December.....	4	5	1	47	18	88	21	28	9	111	100	133	5
1922													
January.....	11	18	0	26	45	0	20	26	11	166	183	133	105
February.....	13	22	1	79	136	0	32	46	11	251	261	231	139
March.....	19	31	3	32	55	0	39	57	11	355	420	231	114
April.....	24	39	4	37	64	0	58	89	11	493	622	246	300
May.....	35	56	6	211	182	250	65	101	10	475	613	213	174
June.....	18	29	3	316	236	425	79	124	10	451	592	184	125
July.....	31	53	1	216	282	125	87	137	11	494	606	167	130
August.....	47	80	2	389	455	300	85	133	11	454	626	128	15
September.....	52	89	1	516	618	375	93	154	12	692	1,014	79	99
October.....	74	128	1	528	818	125	100	158	12	719	1,065	62	121
November.....	82	142	0	595	1,027	0	107	169	12	749	1,110	62	176
December.....	83	140	6	795	1,118	350	118	188	11	896	1,355	23	221
1923													
January.....	97	162	7	832	1,391	63	110	174	11	1,018	1,545	15	143
February.....	80	136	3	505	873	0	103	169	3	973	1,473	21	89
March.....	102	176	1	747	1,245	63	121	198	3	883	1,341	13	405
April.....	87	149	1	695	1,164	50	117	192	3	905	1,378	66	93
May.....	101	172	4	800	1,382	0	104	169	3	851	1,289	18	21
June.....	104	176	4	763	1,282	50	92	149	3	771	1,171	11	17
July.....	99	170	1	642	1,109	0	81	132	3	719	1,082	28	26
August.....	118	202	1	868	1,500	0	69	110	6	680	1,001	70	9
September.....	111	189	5	605	1,018	38	55	90	3	694	1,025	66	11
October.....	116	197	5	568	955	38	41	66	2	755	1,121	61	48
November.....	113	193	3	626	1,082	0	31	49	2	812	1,208	66	101
December.....	103	176	3	1,084	1,773	138	27	44	1	781	1,158	66	
1924													
January.....	42	73	1	484	600	325	26	40	4	364	538	33	78
February.....	43	73	1	400	691	0	57	92	4	436	648	33	394
March.....	38	64	3	726	1,209	63	61	97	4	419	627	25	125
April.....	42	73	0	579	945	75	62	99	4	384	578	15	68
May.....	52	89	2	500	609	113	55	89	4	386	584	10	5
June.....	58	99	1	637	927	0	48	78	4	349	522	21	4
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

See footnotes on opposite page.

Table 22.—RAILWAY EQUIPMENT

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	SHIPMENTS ¹						UNFILLED ORDERS ¹						NEW ORDERS ¹
	Freight cars			Passenger cars			Freight cars			Passenger cars			Freight cars
	Total	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Domestic
	Number												
1918 monthly av.....	7,961	4,392	3,569	70	63	7	123,103	76,974	51,129	416	316	69	1,600
1919 monthly av.....	11,917	6,904	5,014	19	11	8	91,815	55,630	36,185	177	116	61	2,000
1920 monthly av.....	5,116	3,899	1,217	84	29	11	48,831	41,964	7,302	733	701	82	6,667
1921 monthly av.....	3,528	3,109	419	75	71	4	17,559	14,380	3,179	733	345	48	1,838
1922 monthly av.....	4,866	4,749	117	59	46	13	68,015	64,007	4,008	914	824	89	15,069
1923 monthly av.....	12,233	12,069	164	138	135	3	72,825	71,505	1,320	1,452	1,450	22	8,624
1920													
January.....	6,386	4,482	1,904	10	1	9	36,693	27,282	9,381	414	311	103	(²)
February.....	4,813	3,774	1,039	4	4	0	38,085	23,706	8,389	385	282	103	(²)
March.....	4,790	2,796	1,994	39	11	28	41,455	32,601	7,854	602	622	80	(²)
April.....	4,039	2,127	1,912	15	15	0	60,049	42,859	7,180	674	585	88	(²)
May.....	4,017	2,630	1,387	0	0	0	51,099	47,761	6,338	812	732	110	8,000
June.....	3,316	2,603	708	21	0	21	55,963	48,171	7,792	693	706	97	5,500
July.....	2,963	2,583	380	45	18	27	58,487	50,275	8,212	899	811	88	7,000
August.....	4,240	3,056	1,184	34	21	13	55,763	48,189	7,574	936	861	75	7,000
September.....	4,617	3,529	1,084	38	38	0	54,907	48,114	6,793	978	943	75	3,500
October.....	6,667	5,999	668	34	21	13	53,077	48,051	7,026	917	851	66	6,600
November.....	6,878	5,902	976	55	48	7	47,824	41,290	6,234	994	925	59	2,500
December.....	8,660	7,298	1,362	113	98	17	40,124	38,268	4,856	871	829	42	2,660
1921													
January.....	7,827	7,008	819	43	43	0	35,777	32,871	2,903	828	786	42	2,700
February.....	6,776	6,276	500	64	50	14	29,910	26,685	3,225	778	750	28	200
March.....	6,458	5,753	700	69	69	0	25,837	21,803	4,029	709	681	28	1,460
April.....	5,326	4,455	871	118	116	0	20,635	17,513	3,312	589	565	24	350
May.....	4,039	3,610	429	144	138	6	17,449	13,890	3,559	468	450	18	250
June.....	2,658	2,245	413	163	159	4	15,860	12,149	3,711	313	291	62	1,500
July.....	4,325	3,892	433	90	90	0	8,233	6,145	2,088	281	218	46	960
August.....	2,288	2,106	182	104	104	0	7,633	4,537	3,094	167	114	53	170
September.....	1,807	1,457	350	55	37	18	7,548	4,788	2,760	116	81	35	550
October.....	272	72	200	34	34	0	8,453	6,177	2,276	125	47	78	6,500
November.....	132	60	72	9	9	0	13,841	10,236	3,605	126	38	83	7,000
December.....	430	368	62	9	2	7	19,339	15,755	3,584	197	116	81	550
1922													
January.....	1,295	1,271	24	5	5	0	18,178	14,358	3,822	293	212	81	11,000
February.....	1,555	1,498	57	15	15	0	29,691	25,710	3,981	444	303	141	14,500
March.....	2,283	2,111	172	6	6	0	38,476	31,466	4,010	628	437	141	12,000
April.....	2,888	2,711	177	7	7	0	53,691	49,673	4,013	872	722	150	31,500
May.....	4,140	3,845	295	40	20	20	59,873	56,090	3,783	841	711	130	18,250
June.....	2,199	2,027	172	60	26	34	72,829	68,791	3,733	790	687	112	13,100
July.....	3,689	3,638	51	41	31	10	79,925	75,985	3,940	875	773	102	13,700
August.....	5,605	5,509	96	74	50	24	77,978	73,842	4,136	804	726	78	1,610
September.....	6,174	6,140	34	98	68	30	89,965	85,775	4,190	1,224	1,176	48	10,350
October.....	8,860	8,822	38	100	90	10	92,057	87,861	4,196	1,273	1,235	38	12,760
November.....	9,803	9,786	17	113	113	0	98,329	94,102	4,227	1,326	1,288	38	18,500
December.....	9,900	9,634	266	151	123	28	108,487	104,423	4,064	1,586	1,572	14	22,255
1923													
January.....	11,527	11,154	373	158	153	5	100,666	96,799	3,867	1,891	1,792	9	15,000
February.....	9,849	9,413	436	96	96	0	94,758	93,811	947	1,722	1,709	13	9,500
March.....	12,191	12,140	51	142	137	5	111,289	110,047	1,242	1,563	1,555	8	42,500
April.....	10,327	10,287	40	132	128	4	107,799	106,778	1,021	1,602	1,608	4	9,800
May.....	12,065	11,871	194	152	152	0	95,446	94,283	1,163	1,506	1,495	11	2,200
June.....	12,405	12,185	220	145	141	4	84,114	82,820	1,194	1,365	1,358	7	1,785
July.....	11,799	11,747	52	122	122	0	74,766	73,569	1,197	1,272	1,255	17	1,450
August.....	14,030	13,968	62	165	165	0	63,349	61,110	2,239	1,204	1,161	43	2,780
September.....	13,282	13,013	264	115	112	3	50,872	49,874	998	1,229	1,189	40	807
October.....	13,850	13,577	273	108	105	3	37,668	36,869	799	1,357	1,300	37	1,123
November.....	13,489	13,333	156	119	119	0	28,092	27,429	663	1,428	1,401	37	5,050
December.....	12,296	12,131	165	206	195	11	25,082	24,573	509	1,383	1,343	40	11,600
1924													
January.....	5,041	5,007	34	92	66	26	23,532	22,161	1,391	644	624	20	8,150
February.....	5,070	5,015	55	76	76	0	52,678	51,250	1,428	772	752	20	41,350
March.....	4,585	4,453	132	138	133	5	65,604	64,202	1,402	742	727	15	13,150
April.....	5,058	5,053	5	110	104	6	56,752	55,348	1,404	679	670	9	10,250
May.....	6,253	6,188	65	76	67	9	50,920	49,644	1,276	683	677	6	511
June.....	6,534	6,813	41	102	102	0	44,462	43,452	1,010	618	605	13	423
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

¹ The data on shipments and unfilled orders for railway equipment were obtained from the Interstate Commerce Commission.² Orders for freight cars by domestic railroads compiled by the Iron Trade Review. Comparable distribution of the data by months are not available prior to 1920. As these figures are gathered from an entirely different source than the other data in this table, comparisons with these other data will not be accurate.³ Monthly distribution not available.⁴ Monthly averages back to 1913 appeared in the May, 1924, SURVEY OF CURRENT BUSINESS, page 77; the 1913 average on which the relative numbers are based was 10,500 cars.

Table 23.—TRANSPORTATION EQUIPMENT

(Relative numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	LOCOMOTIVES ¹						NEW EQUIPMENT ORDERS ²			VESSEL CONSTRUCTION ³		
	Shipments			Unfilled orders			Loco- motives	Freight cars	Passen- cars	Completed during month		Under con- struc- tion
	Total	Do- mestic	For- eign	Total	Do- mestic	For- eign				Total	Steel sea- going	Mer- chant vessels
	Relative to 1913	Relative to 1920					Relative to 1916					
1913 monthly average.....	100										106	
1914 monthly average.....	39										97	
1915 monthly average.....	37									41	35	
1916 monthly average.....	75									100	100	100
1917 monthly average.....	110									186	188	
1918 monthly average.....	121									491	572	
1919 monthly average.....	73						11	26	16	768	1,088	
1920 monthly average.....	65	100	100	100	100	100	100	100	100	516	770	66
1921 monthly average.....	37	63	48	25	23	31	12	28	14	250	377	44
1922 monthly average.....	35	80	20	67	88	23	131	214	134	61	49	19
1923 monthly average.....	87	226	19	120	169	18	99	112	124	52	36	16
1922												
January.....	24	10	71	16	16	14	4	127	186	114	157	18
February.....	14	36	4	18	19	15	5	235	126	83	106	16
March.....	13	32	4	25	29	17	52	89	20	13	15	17
April.....	7	12	9	47	58	24	186	487	427	74	95	18
May.....	23	49	18	47	56	20	68	293	166	46	31	17
June.....	37	61	53	45	55	24	15	177	29	37	31	18
July.....	42	111	7	61	80	23	242	250	95	79	25	16
August.....	49	118	24	78	104	25	151	9	18	25	13	20
September.....	39	103	7	111	151	27	423	108	60	34	39	21
October.....	47	121	13	116	159	28	126	232	92	73	95	21
November.....	52	131	17	122	168	28	161	105	121	60	14	21
December.....	69	176	18	120	168	22	134	455	260	94	14	20
1923												
January.....	75	197	13	135	190	21	228	168	461	31	18	24
February.....	68	178	12	168	239	18	310	156	101	46	60	23
March.....	92	245	15	175	248	24	328	526	240	54	29	22
April.....	71	183	18	167	236	22	96	148	148	84	57	19
May.....	78	207	11	163	229	24	57	2	62	34	38	12
June.....	76	201	12	148	207	24	90	24	43	117	95	14
July.....	78	192	31	131	185	20	5	16	55	22	3	13
August.....	89	235	15	113	157	21	5	20	49	55	32	11
September.....	109	285	25	89	123	18	5	28	39	45	32	13
October.....	101	268	17	74	102	14	32	11	97	40	32	13
November.....	98	245	33	52	73	8	31	17	97	14	3	13
December.....	108	277	27	29	41	5	8	229	84	84	70	13
1924												
January.....	40	134	4	28	38	7	75	86	20	23	14	12
February.....	32	84	8	38	52	8	51	262	198	9	7	16
March.....	43	116	4	40	55	9	170	511	160	47	66	10
April.....	24	57	11	48	66	13				79	105	14
May.....	36	85	20	49	66	13				58	49	14
June.....	47	122	12	40	52	16				50	58	13
July.....	46	118	11	36	47	16						
August.....												
September.....												
October.....												
November.....												
December.....												

(See footnotes on opposite page.)

Table 24.—TRANSPORTATION EQUIPMENT

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	LOCOMOTIVES ¹						NEW EQUIPMENT ORDERS ²			VESSEL CONSTRUCTION ³			MALLEABLE CASTINGS ⁴			
	Shipments			Unfilled orders			Loco- motives	Freight cars	Pas- sen- ger cars	Completed dur- ing month		Under con- struc.	Production		Ship- ments	Orders booked
	Total	Do- mes- tic	For- eign	Total	Do- mes- tic	For- eign				Total	Steel sea- going		Mer- chant vessels	Total			Ratio to ca- pacity	Tons	Per cent	Tons
	Number									Gross tons		Thous. of gross tons	Tons	Per cent	Tons	
1913 monthly average	306										28,816					
1914 monthly average	119										26,354					
1915 monthly average	114										9,548					
1916 monthly average	230										18,836					
1917 monthly average	336										46,725	27,094	1,238			
1918 monthly average	371										86,162	50,895				
1919 monthly average	223						18	1,838	24	226,773	155,110					
1920 monthly average	199	110	89	1,333	894	429	166	7,017	148	354,845	294,849	1,188				
1921 monthly average	112	69	43	337	206	131	20	1,945	20	238,394	208,557	546				
1922 monthly average	106	88	18	889	791	99	217	15,013	198	115,569	102,167	231				
1923 monthly average	266	249	17	1,592	1,513	79	165	7,873	184	28,246	13,239	107				
266	249	17	1,592	1,513	79	165	7,873	184	24,099	9,774	107					
1922																
January	74	11	63	207	147	60	8	8,922	275	52,764	42,447	223				
February	44	40	4	230	173	66	9	16,499	187	38,359	28,011	197				
March	39	35	4	330	255	75	86	6,220	29	6,203	308	212				
April	21	13	8	167	615	102	309	34,192	632	34,308	25,829	221				
May	70	54	16	621	497	124	113	20,552	275	21,419	8,625	209				
June	114	67	47	596	495	101	25	12,437	43	16,959	8,434	221				
July	128	122	6	811	712	99	402	17,568	141	36,717	6,853	219				
August	151	130	21	1,035	926	109	250	646	26	11,511	3,538	240				
September	119	113	6	1,463	1,347	116	702	7,551	74	15,881	1,049	255				
October	145	133	12	1,538	1,420	118	209	16,249	136	33,815	25,626	258				
November	159	144	15	1,619	1,501	118	267	7,385	179	27,720	3,669	257				
December	210	194	16	1,592	1,498	94	222	31,033	385	43,294	3,785	252				
1923																
January	229	217	12	1,788	1,699	89	379	11,790	683	14,292	4,797	302				
February	207	196	11	2,220	2,141	79	514	10,979	149	21,392	16,224	280				
March	282	269	13	2,316	2,214	102	544	36,910	355	24,978	7,886	270				
April	217	201	16	2,204	2,111	93	159	10,420	219	38,972	15,527	241				
May	238	228	10	2,150	2,045	105	95	160	121	15,518	1,034	160				
June	232	221	11	1,958	1,854	104	149	1,706	63	54,161	25,815	172	63,298	66.7	62,558	39,514
July	239	211	28	1,738	1,652	86	9	1,093	81	9,060	93	164	54,433	57.4	55,922	39,131
August	272	259	13	1,497	1,406	91	8	1,401	73	25,217	8,606	141	63,038	66.5	60,207	36,753
September	335	313	22	1,178	1,102	76	9	1,989	57	20,900	8,562	160	64,024	59.9	64,378	35,452
October	310	295	15	977	915	62	53	792	144	18,350	8,778	164	56,798	59.4	64,221	43,976
November	299	270	29	691	656	35	52	1,185	144	6,578	923	162	47,112	40.2	44,215	34,817
December	329	305	24	387	365	22	13	16,046	125	38,860	10,046	158	44,586	47.1	41,328	40,800
1924																
January	151	147	4	376	344	32	125	6,020	29	10,780	3,719	146	56,278	58.0	65,504	64,058
February	99	92	7	499	466	33	85	18,365	293	3,950	1,849	196	58,793	62.0	62,918	56,828
March	132	128	4	534	494	40	283	35,846	237	21,782	17,761	119	62,055	66.2	55,751	53,581
April	73	63	10	640	586	54				36,510	28,408	179	50,978	54.0	49,640	39,163
May	111	93	18	643	589	54				26,972	13,166	173	43,216	46.0	46,653	26,866
June	145	134	11	531	462	69				22,951	15,724	161	29,954	32.1	33,766	19,985
July	140	130	10	483	416	67										
August																
September																
October																
November																
December																

¹ Reported direct to the U. S. Department of Commerce, Bureau of the Census, by principal locomotive companies.² Data from the *Railway Age* covering the principal transactions, each month's figures being totals of those given in the weekly issues of the publication appearing during the month, and prorated up to the annual totals made from special inquiries. The monthly figures average about 90 per cent of the annual data. Monthly figures for 1924 are not prorated, as it is stated that they are more nearly complete.³ From the U. S. Department of Commerce, Bureau of Navigation. Gross ton represents, in units of 100 cubic feet, the entire cubical capacity of the vessel, including crew and engine space. The total under construction includes ocean-going, lake, and river vessels built and officially numbered, including vessels of the U. S. Shipping Board and private American owners, but not vessels built for foreign owners. The column on merchant vessels under construction includes all kinds of ships except Government vessels, building or under construction at the end of the month.⁴ Compiled from reports to the U. S. Department of Commerce, Bureau of the Census, from 107 identical establishments.

Table 25.—MACHINERY

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	FOUNDRY EQUIPMENT ¹			PUMPS					PATENTS GRANTED BY U. S. PATENT OFFICE ²			STOKERS ³			
				Agricultural Shipments			Steam, power, and centrifugal ⁴			Total patents all classes	Agricultural implements ⁵			Internal-combustion engines	
	Sales	Shipments	Orders on hand end of month	Pitcher, hand, and wind-mill	Power and hydro-pneumatic	Total (value)	New orders	Shipments	Unfilled orders			Number	Total horse-power		
	Relative to 1922					Relative to 1919	Relative to 1919			Relative to 1913				Relative to 1919	
1913 monthly av.											100	100	100		
1914 monthly av.											118	123	161		
1915 monthly av.											127	110	165		
1916 monthly av.											130	120	140		
1917 monthly av.											121	110	160		
1918 monthly av.											114	109	144		
1919 monthly av.						100	100	100	100	109	86	151	100	100	
1920 monthly av.							124	151	163	110	82	170	78	125	
1921 monthly av.	35	40					52	91	80	112	72	128	81	52	
1922 monthly av.	100	100	100	100	100	90	70	80	64	113	62	116	56	115	
1923 monthly av.	146	149	159	97	107	97	88	119	87	114	62	137	52	115	
1922															
January	44	46					46	69	65	121	84	133	35	65	
February	46	45		92	67	63	47	81	62	108	57	119	32	68	
March	99	67		92	88	76	59	82	60	100	54	135	50	132	
April	82	80		86	91	78	60	66	62	109	82	140	53	118	
May	134	130	94	102	105	94	65	64	53	139	82	147	61	116	
June	137	109	123	110	112	104	80	72	60	109	67	81	47	71	
July	98	111	102	105	114	99	75	90	61	99	41	95	76	133	
August	110	131	99	117	117	105	64	84	61	128	71	123	68	158	
September	88	111	82	99	107	97	92	79	66	98	59	81	49	77	
October	126	126	88	108	108	101	75	81	69	136	54	151	68	120	
November	109	124	94	94	94	87	84	86	73	107	44	70	41	68	
December	126	122	119	95	97	89	91	106	74	105	51	91	89	250	
1923															
January	164	111	176	110	89	87	91	86	81	127	91	179	62	159	
February	148	146	187	105	85	68	115	96	92	114	61	112	56	128	
March	194	184	155	140	116	106	129	112	104	106	66	130	61	131	
April	186	177	178	121	104	100	125	124	110	110	56	116	71	162	
May	177	179	189	112	135	114	90	128	107	143	76	149	83	191	
June	160	157	192	102	123	108	96	123	107	109	62	109	68	113	
July	135	173	165	83	127	109	83	137	100	121	63	142	55	100	
August	127	152	183	82	104	102	76	144	91	102	56	160	68	156	
September	90	128	117	65	98	86	62	123	79	90	39	142	42	115	
October	133	137	123	81	125	98	69	136	65	126	61	156	38	62	
November	97	103	118	78	97	89	64	109	59	111	61	144	21	81	
December	152	136	139	74	81	79	58	106	47	109	58	112	31	62	
1924															
January	152	124	154	102	89	88	65	84	45	120	53	98	39	126	
February	137	136	166	97	98	94	63	85	45	105	53	119	47	118	
March	140	152	162	112	109	103	76	94	45	110	61	93	38	66	
April	170	185	155	85	119	100	83	101	46	145	71	147	38	91	
May	114	152	156				78	101	45	121	56	112	27	65	
June							61	102	40	118	57	98	44	67	
July															
August															
September															
October															
November															
December															

See footnotes on opposite page also.

¹ Data reported by 13 members of the Foundry Equipment Manufacturers' Association, said to represent 65 to 70 per cent of the foundry equipment industry. The principal products are molding machines, sand-cutting machines, sand-blast machines, tumbling barrels, sand-mixing machines, cupolas, ladles, core-making machines, etc.

² Shipments of agricultural pumps are from the Federal Reserve Bank of Chicago in cooperation with the National Association of Farm Equipment Manufacturers and cover 22 firms, except for May and June, 1922, when only 21 firms reported; the total shipments include, besides the articles shown in other two columns, the value of cylinders shipped separately.

³ Data on steam pumps, single and duplex power pumps, and centrifugal pumps, from The Hydraulic Society, covering about two-thirds of the industry; on which monthly data back to January, 1919, may be found in the September, 1923, issue (No. 25), pages 54 to 57.

⁴ Eleven months' average.

Table 26.—MACHINERY

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	FOUNDRY EQUIPMENT ¹			PUMPS					PATENTS GRANTED BY U. S. PATENT OFFICE ⁷			STOKERS ⁸		
	Sales	Shipments	Orders on hand end of month	Agricultural ²			Steam, power, and centrifugal ³			Total patents all classes	Agricultural implements ⁹	Internal combustion engines	Sales	
				Shipments ⁴			New orders	Shipments	Unfilled orders				Number	Number
	Pitcher, hand, and wind-mill	Power and hydro-pneumatic	Total	Thousands of dollars	Number	Number				Total horse-power				
Dollars			Number		Dollars	Thousands of dollars			Number			Number	Total horse-power	
1913 monthly av.										2,528	79	43		
1914 monthly av.										3,320	97	65		
1915 monthly av.										3,601	87	71		
1916 monthly av.										3,664	95	60		
1917 monthly av.										3,422	87	69		
1918 monthly av.										3,214	86	62		
1919 monthly av.						\$610,503	\$1,659	\$1,290	\$5,973	3,073	68	75	234	52,732
1920 monthly av.							2,045	1,945	9,709	3,097	65	73	153	65,919
1921 monthly av.	\$397,284	\$101,843					859	1,176	4,785	3,157	57	55	73	27,262
1922 monthly av.	275,955	256,869	\$369,816	51,566	3,143	552,111	1,157	1,031	3,507	3,201	49	50	130	60,409
1923 monthly av.	401,788	383,568	586,575	49,604	3,349	592,855	1,464	1,531	5,192	3,210	40	59	122	60,871
1922														
January	121,371	114,350					766	604	3,888	3,433	66	57	81	34,157
February	125,727	115,068		47,626	2,107	384,200	774	1,051	3,723	3,045	45	51	75	35,663
March	274,208	170,018		47,630	2,774	465,504	982	1,064	3,508	2,823	43	58	116	69,716
April	227,408	205,825		44,123	2,858	475,607	988	846	3,685	3,084	65	60	125	62,027
May	371,148	333,699	346,258	52,853	3,291	576,957	1,050	825	3,148	3,935	65	63	143	61,391
June	379,258	279,188	452,907	56,893	3,519	636,356	1,327	924	3,566	3,089	53	35	109	37,239
July	271,346	286,003	378,625	53,942	3,590	604,359	1,236	1,150	3,638	2,788	32	41	177	70,230
August	302,980	336,515	366,283	60,534	3,674	644,268	1,054	1,078	3,024	3,021	56	53	100	83,310
September	242,039	286,155	301,520	50,799	3,376	592,665	1,523	1,015	3,942	2,760	47	35	115	40,565
October	348,872	323,754	327,202	55,735	3,403	615,456	1,246	1,042	4,119	3,532	43	65	158	63,167
November	299,620	313,372	346,902	48,350	2,950	532,455	1,387	1,114	4,339	3,030	35	30	106	35,608
December	347,487	312,576	438,830	48,744	3,035	645,398	1,515	1,365	4,438	2,974	40	39	208	131,699
1923														
January	453,772	283,978	651,066	56,570	2,797	528,003	1,506	1,112	4,849	3,578	72	77	145	83,270
February	407,609	374,416	692,190	54,322	2,676	537,294	1,908	1,244	5,516	3,226	48	48	129	60,619
March	464,100	482,351	572,995	75,371	3,635	646,140	2,138	1,448	6,195	2,997	52	56	120	68,955
April	534,212	473,519	656,622	62,290	3,271	610,531	2,078	1,606	6,595	3,097	44	50	167	85,339
May	513,276	453,861	698,165	57,653	4,258	696,468	1,491	1,648	6,407	4,032	60	64	194	100,513
June	442,465	403,425	710,968	52,586	3,867	659,961	1,600	1,587	6,378	3,060	49	47	135	59,719
July	356,245	444,674	610,344	42,674	3,976	662,482	1,384	1,765	5,987	3,421	50	61	129	52,518
August	349,790	391,592	601,219	42,527	3,260	623,284	1,253	1,858	5,413	2,873	44	69	135	51,693
September	247,329	328,855	439,817	33,712	2,918	524,486	1,029	1,592	4,737	2,551	31	61	90	60,486
October	367,006	352,384	454,974	41,537	3,933	597,491	1,146	1,750	3,664	3,572	48	67	88	32,576
November	267,424	265,211	437,296	40,450	3,040	545,792	1,061	1,406	3,526	3,147	48	62	50	16,241
December	418,223	348,544	513,337	37,953	2,560	482,324	970	1,362	2,834	3,071	46	48	73	32,517
1924														
January	419,164	317,931	569,137	52,844	2,798	537,762	1,071	1,081	2,706	3,350	42	42	91	66,492
February	378,265	348,641	614,579	50,056	3,065	575,530	1,046	1,099	2,663	2,980	42	51	110	62,113
March	387,579	389,800	600,251	55,663	3,654	630,288	1,267	1,211	2,709	3,105	48	40	89	34,597
April	469,478	476,206	573,858	42,339	3,986	608,576	1,372	1,298	2,751	4,089	56	63	80	47,939
May							1,288	1,304	2,704	3,428	44	48	64	34,447
June	314,214	390,161	575,161				1,006	1,315	2,369	3,346	45	42	102	35,549
July														
August														
September														
October														
November														
December														

See footnotes on opposite page also.

¹ Seven months' average.² Eight months' average.³ Patents granted compiled from the official records on file in the U. S. Department of the Interior, U. S. Patent Office, Division of Publications; inasmuch as patents are granted on Tuesdays only, the number of patents shown for a given month represents the total of either 4 or 5 Tuesdays.⁴ Stoker sales through December, 1922, from the Stoker Manufacturers' Association, said to represent approximately 99 per cent of the industry; beginning with January, 1923, from reports to U. S. Department of Commerce, Bureau of the Census, from 15 manufacturers represented practically the entire industry.⁵ Data include patents granted falling within the official classification of "agricultural implements; planters, harrows and diggers, plows, harvesters, scattering un-loaders, and threshing implements."⁶ Figures are incomplete, owing to the failure of 2 or 3 member companies to report.

Table 27.—IRON AND STEEL PRODUCTS

[Base year in bold-faced type]

YEAR AND MONTH	FABRICATED STRUCTURAL STEEL ¹		IRON AND STEEL ¹			STEEL FURNITURE ¹	FABRICATED STRUCTURAL STEEL ¹				IRON AND STEEL ¹			STEEL FURNITURE ¹	
	Sales	Per cent of capacity	Exports		Imports	Shipments ⁴	Sales		Shipments		Exports		Imports	Shipments ⁴	
			For comparison	Total	Total		Value	Computed total	P. ct. capacity	Computed total	P. ct. capacity	For comparison	Total		Total
	Relative to 1913		Relative to 1922	Relative to 1913	Relative to 1919	Short tons	Per cent	Short tons	Per cent	Long tons			Dollars		
RELATIVE NUMBERS						NUMERICAL DATA									
1913 monthly average.....	100	100	100	-----	100	-----	95,567	50	-----	-----	-----	228,801	-----	\$26,558	-----
1914 monthly average.....	101	100	86	-----	90	-----	96,267	50	-----	-----	-----	129,123	-----	24,627	-----
1915 monthly average.....	142	139	128	-----	89	-----	135,800	70	-----	-----	-----	293,207	-----	23,533	-----
1916 monthly average.....	146	138	220	-----	98	-----	138,800	69	-----	-----	-----	503,971	-----	25,906	-----
1917 monthly average.....	130	120	235	-----	102	-----	124,617	60	-----	-----	-----	536,980	-----	26,974	-----
1918 monthly average.....	127	111	194	-----	53	-----	121,208	56	-----	-----	-----	444,835	-----	14,052	-----
1919 monthly average.....	125	106	160	-----	101	100	119,617	53	-----	-----	-----	365,663	-----	28,837	\$907,933
1920 monthly average.....	130	107	180	-----	138	162	124,708	54	-----	-----	-----	412,030	-----	36,626	1,471,609
1921 monthly average.....	87	70	80	-----	38	104	83,100	35	-----	-----	-----	183,980	-----	10,088	943,988
1922 monthly average.....	167	128	61	160	229	119	159,425	64	-----	-----	-----	139,473	167,497	60,762	1,077,386
1923 monthly average.....	174	128	69	100	226	155	166,183	64	-----	-----	-----	135,443	167,428	59,942	1,462,836
1922															
January.....	105	80	62	96	50	108	100,300	40	-----	-----	-----	140,784	160,905	13,403	983,834
February.....	114	87	49	81	43	107	109,300	44	-----	-----	-----	112,812	135,758	11,537	967,125
March.....	202	154	78	125	53	120	193,500	77	-----	-----	-----	173,113	210,095	14,149	1,037,228
April.....	222	170	81	120	70	117	212,500	85	-----	-----	-----	184,991	200,735	18,720	1,058,382
May.....	207	158	62	188	87	116	197,500	79	-----	-----	-----	187,732	231,260	23,097	1,056,735
June.....	191	146	77	131	147	112	182,500	73	-----	-----	-----	177,067	220,112	39,154	1,015,463
July.....	178	136	56	95	273	104	170,000	68	-----	-----	-----	123,326	159,338	72,425	945,768
August.....	178	136	52	88	188	104	170,000	68	-----	-----	-----	119,067	146,061	50,050	943,087
September.....	167	128	48	78	288	117	160,000	64	-----	-----	-----	109,207	130,728	47,883	1,062,493
October.....	152	116	46	80	656	135	145,000	68	-----	-----	-----	104,474	134,095	174,200	1,227,447
November.....	128	98	47	77	628	133	122,500	49	-----	-----	-----	106,486	128,503	140,250	1,204,310
December.....	157	120	54	90	360	152	150,000	60	-----	-----	-----	124,613	151,474	95,701	1,376,152
1923															
January.....	196	144	46	74	448	150	187,200	72	-----	-----	-----	104,581	124,444	119,011	1,362,470
February.....	209	154	48	81	252	144	200,200	77	-----	-----	-----	109,461	135,182	66,803	1,307,173
March.....	250	184	59	99	394	188	239,200	92	-----	-----	-----	134,583	165,624	104,686	1,709,206
April.....	212	156	62	107	288	167	202,800	78	-----	-----	-----	141,034	179,159	76,465	1,520,286
May.....	152	112	69	122	281	166	145,600	56	-----	-----	-----	158,446	204,988	74,660	1,506,072
June.....	136	100	59	103	250	154	130,000	50	-----	-----	-----	134,206	172,747	66,460	1,401,950
July.....	136	100	62	102	196	137	130,000	50	-----	-----	-----	141,213	170,259	51,621	1,247,603
August.....	155	114	56	97	166	148	148,200	57	-----	-----	-----	127,287	163,010	44,202	1,345,147
September.....	241	104	60	104	135	140	135,200	62	-----	-----	-----	137,833	173,664	35,796	1,273,259
October.....	133	98	54	92	109	150	127,400	49	205,400	79	-----	123,371	154,079	28,848	1,365,600
November.....	147	108	69	112	95	148	140,400	54	182,000	70	-----	157,391	188,344	25,235	1,339,425
December.....	218	160	68	107	95	160	208,000	80	174,200	66	-----	155,603	170,215	25,313	1,455,536
1924															
January.....	196	144	94	149	98	169	187,200	72	163,800	63	-----	216,176	249,126	26,064	1,592,333
February.....	199	146	60	99	139	177	189,800	73	156,000	60	-----	136,637	165,912	36,781	1,605,469
March.....	193	142	46	74	137	183	184,600	71	169,000	65	-----	105,309	124,762	39,411	1,661,303
April.....	177	130	46	79	165	183	169,000	65	184,600	71	-----	105,378	132,739	43,777	1,658,610
May.....	161	118	56	93	178	166	153,400	59	184,600	71	-----	128,085	165,422	47,335	1,505,367
June.....	180	132	51	99	201	140	171,600	66	202,800	78	-----	117,803	166,047	53,862	1,270,615
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Fabricated structural steel data by the *Bridge Builders and Structural Society* up to April, 1922, and since then compiled by *U. S. Department of Commerce, Bureau of the Census*, including reports from the *Structural Steel Society*. Percentages of capacity calculated from reports of the *Bridge Builders and Structural Society* up to April, 1922, and applied to estimated total capacity each year based on a special survey by the *Bureau of the Census* (see January, 1923, issue, No. 17, p. 13, for details). Beginning with April, 1922, reports received from 193 firms (including 7 now out of business) with a total capacity of 239,115 tons in 1922, 246,340 tons in 1923, and 242,940 tons in 1924 have been prorated to the estimated total capacity of the United States, 250,000 tons in 1922 and 260,000 tons in 1923 and 1924, for comparison with previous figures.

² Iron and steel exports and imports from the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*. The exports "for comparison" and the imports are based on the totals of pig iron and rolled products as used in the *Iron Trade Review*, comparable each month back to 1913. Beginning with January, 1922, all commodities are given in quantities in the export reports, and thus a grand total can be presented in the column showing total exports, as compiled by the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*.

³ These data, compiled by the *U. S. Department of Commerce, Bureau of the Census*, including reports from the *National Association of Steel Furniture Manufacturers* comprise shipments from 22 manufacturers, representing practically the entire production of stock goods, which include sections, counters, office and vault verticals, safes and interiors, desks and tables, and small miscellaneous articles, exclusive of shelving and lockers.

⁴ Covers first 21 days only, during which period the old tariff law was in effect. Remaining 9 days of September are included with October.

Table 28.—COPPER AND BRASS

[Base year in bold-faced type]

YEAR AND MONTH	COPPER ¹			TUBULAR PLUMBING ²		BRASS FAUCETS ³		LIGHTNING RODS ⁴	COPPER ¹			TUBULAR PLUMBING ²		BRASS FAUCETS ³		LIGHTNING RODS ⁴	
	Primary production at mines	Exports—Pigs, ingots, etc.	Price—Ingots, electrolytic (New York)	Sales		Orders received	Orders shipped	Shipments	Primary production at mines	Exports—Pigs, ingots, etc.	Price—Ingots, electrolytic (New York)	Sales		Orders received	Orders shipped	Shipments	
				Quantity	Value							Number	Dollars				Number of pieces	Thous. of feet
	Relative to 1913			Relative to 1923				Rel. to 1922	Thousands of pounds		Dollars per lb.	Number	Dollars	Number of pieces	Thous. of feet		
RELATIVE NUMBERS									NUMERICAL DATA								
1913 monthly av.	100	100	100						102,040	70,461	\$0.187						
1914 monthly av.	94	107	95						95,845	75,245	.134						
1915 monthly av.	113	76	110						115,068	63,567	.173						
1916 monthly av.	157	78	175						160,054	55,260	.276						
1917 monthly av.	154	113	187						157,177	70,818	.204						
1918 monthly av.	150	83	157						159,045	58,720	.217						
1919 monthly av.	105	62	122						107,202	30,653	.191						
1920 monthly av.	99	73	114						100,755	51,771	.180						
1921 monthly av.	39	73	80						39,336	51,293	.126						
1922 monthly av.	81	86	85	¹ 102	¹ 100	⁶ 62	⁶ 54	100	82,300	60,653	.134	² 220,198	⁴ \$208,006	⁶ 266,690	⁶ 280,033	765	
1923 monthly av.	121	95	92	100	100	100	100	76	123,127	66,613	.145	215,909	207,618	478,768	519,970	537	
1922																	
May	90	89	84					165	92,048	62,801	.132					1,166	
June	93	93	87					182	95,222	65,604	.136				109,507	123,768	1,285
July	92	90	87					172	93,486	63,596	.137				277,920	282,194	1,210
August	98	89	87					108	99,726	62,612	.138				264,225	342,615	763
September	93	83	87	76	77			62	94,975	68,167	.138	163,509	160,056	350,417	338,107	435	
October	101	74	87	87	90	23	24	32	103,371	82,185	.137	188,264	187,175	353,470	341,182	224	
November	100	79	87	115	118	58	54	30	101,607	55,788	.136	247,439	244,602	338,236	267,955	212	
December	103	71	90	130	116	55	66	22	104,675	50,362	.141	281,682	240,160	379,095	224,315	182	
1923																	
January	110	107	93	144	182	73	65	13	112,267	75,617	.146	311,738	378,403	787,687	683,622	95	
February	101	71	98	118	115	74	73	15	102,735	49,751	.155	254,593	238,690	645,396	481,740	108	
March	119	91	108	218	215	71	52	64	121,562	64,394	.160	470,717	445,994	749,158	709,356	453	
April	116	91	108	86	91	79	43	97	118,157	64,353	.169	185,724	169,747	566,558	703,457	683	
May	123	84	99	55	59	165	131	124	125,438	59,010	.156	119,467	122,392	512,595	681,483	876	
June	123	88	94	42	51	135	93	147	125,479	62,019	.148	90,320	105,709	257,012	640,324	1,038	
July	124	90	92	44	48	156	136	130	126,142	63,167	.144	94,381	100,755	227,701	421,819	977	
August	129	98	88	58	60	118	135	89	131,731	68,878	.139	125,865	124,525	272,574	425,032	626	
September	122	96	85	63	66	107	131	39	124,511	68,889	.134	135,966	136,374	338,221	359,845	274	
October	129	107	80	80	71	54	104	26	132,070	75,086	.126	173,481	147,420	408,765	490,660	181	
November	125	102	81	121	103	48	81	46	127,770	72,201	.128	261,190	214,261	502,860	394,798	326	
December	127	108	82	170	130	67	82	26	120,664	70,356	.129	367,458	289,915	476,546	319,072	180	
1924																	
January	131	98	80	250	205	71	75	10	133,262	68,888	.126	540,768	425,776	496,535	362,433	73	
February	129	127	81	125	125	85	94	24	131,362	89,278	.123	269,112	260,548	515,521	394,316	169	
March	128	140	87	134	139	105	76	67	130,362	98,667	.137	289,694	288,097	383,354	428,782	470	
April	129	140	84	101	91	100	61	113	131,928	98,658	.133	217,383	189,280			795	
May	128	140	81	47	49	104	70	99	130,644	98,317	.128	101,433	102,672			656	
June	124	132	79	53	48	108	76	106	126,048	92,740	.124	113,426	99,982			747	
July						81	82										
August																	
September																	
October																	
November																	
December																	

¹ Copper production, from 1913 through 1920, representing smelter production from domestic ores from U. S. Department of the Interior, Geological Survey; data since the beginning of 1921 from American Bureau of Metal Statistics, representing the primary production by the mines of the United States. Exports of refined copper in ingots, bars, etc., from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; price of electrolytic copper ingots at New York average of weekly quotations from U. S. Department of Labor, Bureau of Labor Statistics.

² Tubular plumbing sales from Tubular Plumbing Goods Association, comprising cast, wrought, and miscellaneous traps, basin, bath, and tank supply pipes and connected wastes and overflows.

³ Data on lightning rods compiled from reports of 11 members to the Lightning Rod Manufacturers' Association (reduced by consolidation from 14 members), representing about 80 per cent of the industry.

⁴ Data on brass faucets, representing the total of 22 different kinds of faucets, reported to the National Association of Brass Manufacturers by about 13 members each month.

⁵ Four months' average.

⁶ Seven months' average.

Table 29.—TIN, LEAD, AND ZINC

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	TIN					ZINC						LEAD			
	Deliveries ¹	Stocks ¹		Imports—Bars, blocks, etc. ²	Price—Pig (New York) ³	Retorts in operation, end of month ⁴	Production (total primary) ⁴	Stocks end of month ⁴	Receipts at St. Louis ⁴	Shipments from St. Louis ⁴	Price—Prime western (New York) ³	Production ⁴	Receipts at St. Louis ⁴	Shipments from St. Louis ⁴	Price—Pig, desilverized (New York) ⁴
		World visible	United States												
Relative to 1913												Rel. to 1921	Relative to 1913		
1913 mo. av.	100	100	100	100	100	100	100	100	100	100	100	-----	100	100	100
1914 mo. av.	86	120	83	87	78	89	102	49	99	95	90	-----	275	106	88
1915 mo. av.	111	123	108	97	84	148	141	35	110	107	247	-----	289	109	104
1916 mo. av.	128	150	173	147	96	194	193	43	160	114	241	-----	268	89	135
1917 mo. av.	132	152	118	135	132	129	193	132	276	163	150	-----	372	131	207
1918 mo. av.	133	112	15	124	190	116	149	101	124	212	142	-----	164	138	169
1919 mo. av.	74	104	84	78	146	95	132	92	114	203	127	-----	131	91	131
1920 mo. av.	116	159	172	110	112	85	138	99	114	193	139	-----	201	83	134
1921 mo. av.	59	159	122	47	67	35	62	196	49	73	90	-----	100	192	56
1922 mo. av.	131	191	129	117	72	54	108	89	66	75	104	-----	124	309	116
1923 mo. av.	160	176	138	135	95	73	153	49	78	63	122	-----	143	186	168
1922															
January...	117	212	69	95	71	42	82	162	70	102	87	129	356	97	107
February...	88	202	73	97	68	41	78	153	39	110	83	119	212	78	107
March.....	165	181	160	165	65	43	92	148	73	86	86	118	369	81	107
April.....	137	178	142	110	68	40	88	127	57	46	90	113	282	70	116
May.....	130	185	100	89	69	46	95	99	98	87	94	113	372	124	126
June.....	140	190	123	131	70	50	99	73	101	83	93	113	369	129	133
July.....	123	174	187	133	70	52	110	70	62	46	103	112	265	80	131
August.....	114	195	145	86	72	54	109	53	48	79	113	123	294	140	133
September..	138	185	64	77	72	62	115	46	43	59	118	121	351	125	140
October....	153	185	148	153	77	68	138	44	71	78	124	138	340	165	152
November...	132	204	140	94	82	72	139	48	65	61	129	145	242	110	165
December..	133	202	192	174	84	77	148	45	63	59	127	139	252	73	166
1923															
January...	181	208	174	138	88	80	160	41	43	48	125	140	255	78	178
February...	169	203	106	130	94	82	147	27	40	50	130	130	215	62	185
March.....	181	199	211	192	109	84	169	25	128	79	141	154	271	91	193
April.....	185	179	185	176	103	84	162	22	104	62	133	147	219	78	188
May.....	165	179	162	118	95	82	164	32	94	71	121	155	192	61	168
June.....	148	171	111	115	92	80	148	42	87	79	110	158	185	62	164
July.....	145	162	106	132	86	78	149	52	100	91	110	149	129	64	145
August.....	151	162	150	133	83	71	144	65	77	76	114	143	197	90	153
September..	124	160	122	98	93	77	135	56	46	38	117	133	121	87	161
October....	151	163	191	137	93	80	146	63	57	62	114	128	103	101	156
November...	185	153	56	119	99	80	153	76	49	43	115	142	141	123	157
December..	131	170	86	132	105	82	161	92	106	64	113	140	196	106	173
1924															
January...	134	197	146	135	108	75	172	100	94	60	116	139	222	85	183
February...	242	176	171	215	118	75	152	91	83	68	123	151	206	88	203
March.....	125	183	93	82	123	74	165	79	95	97	118	163	278	104	211
April.....	207	154	224	239	111	78	156	81	69	61	112	153	234	127	189
May.....	143	159	211	118	93	77	165	104	75	83	106	168	233	111	166
June.....	118	162	211	95	95	71	150	122	53	60	105	176	219	89	161
July.....	107	163	262						54	66			157	67	
August.....															
September..															
October....															
November...															
December..															

See footnotes on opposite page also.

¹ Deliveries and stocks of tin from *New York Metal Exchange*. Stocks in the United States are at port warehouses, while deliveries are from these warehouses and in case approximate consumption. The world visible supply includes stocks in the United States, in Europe, and afloat.

² Imports of tin in bars, blocks, etc., from *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*.

³ Wholesale prices from *U. S. Department of Labor, Bureau of Labor Statistics*, representing average of weekly prices.

⁴ Production and stocks at mills of total primary zinc and retorts in operation from *American Zinc Institute*.

Table 30.—TIN, LEAD, AND ZINC¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	TIN					ZINC						LEAD		
	Deliveries ¹	Stocks ¹		Imports—Bars, blocks, etc. ²	Price—Fig. (New York) ³	Retorts in operation, end of month ⁴	Production (total primary) ⁴	Stocks ⁴	Receipts at St. Louis ⁴	Shipments from St. Louis ⁴	Price—Prime western (New York) ⁴	Receipts at St. Louis ⁴	Shipments from St. Louis ⁴	Price—Fig. desilverized (New York) ⁴
		World visible	United States											
	Long tons													
1913 mo. av...	3,658	12,377	1,930	9,560	\$0.449	105,654	57,750	61,318	27,675	23,855	\$0.085	5,476	8,752	\$0.044
1914 mo. av...	3,475	14,907	1,599	8,351	.353	94,468	65,840	40,160	27,300	20,834	.023	15,048	9,269	.039
1915 mo. av...	4,063	15,208	2,078	9,273	.376	150,568	81,580	28,606	30,541	30,490	.144	15,858	9,516	.046
1916 mo. av...	4,685	18,585	3,331	14,085	.433	204,693	111,212	35,106	44,323	32,482	.140	14,670	7,810	.088
1917 mo. av...	4,823	18,803	2,284	12,908	.591	136,639	111,596	107,442	70,461	47,759	.093	20,390	11,425	.081
1918 mo. av...	4,862	13,894	286	11,870	.852	123,033	86,320	62,482	34,369	60,060	.083	8,995	12,070	.074
1919 mo. av...	2,692	12,890	1,630	7,475	.655	100,830	76,500	74,970	31,430	67,666	.074	7,195	7,975	.056
1920 mo. av...	4,260	19,726	3,322	10,503	.603	89,737	79,962	80,655	31,614	64,891	.081	11,021	7,295	.061
1921 mo. av...	2,160	19,697	2,351	4,517	.299	36,623	35,932	159,657	13,519	20,739	.032	10,410	4,866	.046
1922 mo. av...	4,788	23,655	2,481	11,225	.325	67,007	62,280	72,770	18,201	21,175	.061	16,605	9,294	.058
1923 mo. av...	5,846	21,740	2,667	12,892	.428	77,587	88,534	40,250	21,466	17,806	.071	10,176	7,290	.074
1922														
January.....	4,275	26,216	1,331	9,103	.320	44,457	47,412	131,356	19,414	20,052	.031	19,500	8,514	.047
February....	3,215	25,047	1,406	9,295	.305	43,357	45,026	128,248	10,699	81,323	.049	11,604	6,767	.047
March.....	6,030	22,353	3,086	15,783	.291	45,373	53,064	120,524	20,187	21,313	.050	20,212	7,325	.047
April.....	4,095	22,017	2,731	10,526	.305	42,773	51,012	103,456	15,854	13,132	.032	15,434	4,168	.081
May.....	4,740	22,910	1,921	8,490	.309	48,765	54,838	80,618	27,068	24,643	.035	20,344	10,850	.063
June.....	5,130	23,566	2,371	12,552	.315	52,677	57,094	69,152	28,062	23,650	.037	20,222	11,306	.038
July.....	4,590	21,502	3,616	12,683	.315	54,909	63,834	67,236	17,057	13,158	.060	14,486	7,062	.058
August.....	4,150	24,176	2,806	8,219	.325	57,193	62,846	43,248	13,355	22,364	.066	16,112	12,284	.059
September...	5,050	22,879	1,236	17,379	.323	65,936	66,268	37,612	11,791	16,882	.039	19,245	10,655	.062
October.....	5,603	22,902	2,859	15,086	.346	72,116	79,880	36,086	19,531	21,610	.072	18,618	14,410	.067
November....	4,812	25,286	2,690	8,944	.309	75,664	80,400	38,904	18,044	17,331	.075	14,214	9,615	.072
December....	4,870	25,000	3,704	10,643	.377	80,863	65,652	36,604	17,323	16,616	.074	13,805	6,382	.073
1923														
January.....	6,625	25,765	3,354	13,105	.393	84,131	92,634	33,148	11,806	13,556	.073	13,938	6,822	.078
February....	6,185	25,157	2,054	12,429	.423	86,931	84,880	21,728	11,696	14,171	.076	11,792	5,462	.082
March.....	6,634	24,622	4,067	18,365	.489	89,034	97,462	20,042	24,366	22,506	.082	14,828	7,930	.081
April.....	6,775	22,116	3,577	16,502	.463	89,203	93,732	17,952	28,851	17,498	.077	11,970	6,814	.083
May.....	6,035	22,187	3,132	11,272	.428	86,731	94,694	28,038	26,055	20,048	.071	10,518	5,594	.074
June.....	5,410	21,297	2,137	10,966	.411	81,455	85,680	34,346	24,181	22,496	.064	10,146	5,387	.072
July.....	5,305	20,019	2,037	12,616	.396	82,075	86,130	42,480	27,628	25,838	.064	7,083	5,650	.061
August.....	5,510	18,754	2,887	12,709	.393	75,825	83,250	62,912	21,163	21,550	.067	10,792	7,858	.067
September...	4,540	19,864	2,362	9,408	.418	81,849	78,210	45,786	12,629	10,910	.068	6,641	7,571	.071
October.....	5,540	20,567	3,677	13,053	.417	84,559	84,196	61,574	15,711	14,730	.067	5,923	6,615	.069
November....	6,785	19,520	1,072	11,336	.444	84,906	88,560	61,908	13,664	12,325	.067	7,745	10,729	.065
December....	4,810	21,011	1,652	12,577	.471	86,384	92,970	75,156	29,418	18,038	.066	10,727	9,285	.076
1924														
January.....	4,895	24,372	2,812	12,925	.485	78,768	99,418	81,394	25,974	17,022	.065	12,150	7,451	.083
February....	8,845	21,835	3,303	20,599	.629	79,232	87,866	74,884	22,834	19,168	.071	11,361	7,688	.060
March.....	4,560	23,275	1,802	7,869	.551	78,092	95,550	64,148	26,322	27,450	.069	15,184	9,125	.093
April.....	7,590	19,023	4,322	22,807	.497	82,650	89,898	65,650	19,124	17,374	.065	12,827	11,120	.083
May.....	5,240	19,711	4,067	11,316	.439	81,143	95,332	84,728	20,831	23,433	.062	12,766	9,728	.073
June.....	4,310	20,094	4,067	9,167	.427	75,155	86,884	99,368	14,644	17,013	.062	11,983	7,781	.071
July.....	3,910	20,161	5,050						15,036	18,629		8,516	6,826	
August.....														
September...														
October.....														
November....														
December....														

See footnote on opposite page also.

¹ Receipts and shipments of zinc and lead at St. Louis from Merchants Exchange of St. Louis; figures on zinc converted from data in slabs of 80 pounds each, and lead figures converted from data in pigs of 50 pounds each.² Relative number of lead production from American Bureau of Metal Statistics, representing mine production of its members.³ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

Table 31.—COAL

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	BITUMINOUS					ANTHRACITE					COKE			
	Pro-duction ¹	Ex-ports ²	Prices			Pro-duction ¹	Stocks, end of month ³	Ex-ports ²	Prices		Production ¹		Ex-ports ²	Price
			Mine average (spot) ³	Whole-sale, Kana- wha f. o. b. Cin- cinnati ⁴	Retail, Chi- cago ⁴				Whole- sale, chest- nut, New York ⁴	Retail, chest- nut, New York ⁴	Bee- hive	By- prod- uct			Con- nells- ville^{4}
	Relative to 1913	Relative to 5-yr. av.	Relative to 1913			Relative to 1913	Relative to 1921	Relative to 5-yr. av.	Relative to 1913		Relative to 1913		Relative to 5-yr. av.	Relative to 1913
1909-13 monthly average.....		100					100							
1913 monthly average.....	100	137	100	100	100		120	100	100	100	100	100	100	
1914 monthly average.....	88	105	93	100	102	99	111	100	100	69	88	68	74	
1915 monthly average.....	93	127	91	100	102	97	103	100	103	82	111	91	73	
1916 monthly average.....	105	144	150	122	101	96	121	105	105	106	150	120	133	
1917 monthly average.....	115	163	264	203	144	109	161	112	121	99	176	143	338	
1918 monthly average.....	121	151	210	177	136	108	129	129	132	91	204	172	245	
1919 monthly average.....	97	136	211	187	143	96	129	156	155	59	198	73	194	
1920 monthly average.....	119	261	459	266	176	98	140	179	177	62	242	94	442	
1921 monthly average.....	87	157	207	207	178	99	100	121	198	17	155	32	149	
1922 monthly average.....	90	84	295	237	198	58	55	68	200	24	224	52	290	
1923 monthly average.....	114	145	224	196	192	104	26	132	205	53	295	126	220	
1921														
September.....	90	110	193	186	144	97	154	100	201	191	10	133	24	131
October.....	112	121	189	186	157	103	131	107	201	191	15	162	31	134
November.....	92	98	191	186	188	93	135	114	201	191	17	165	42	122
December.....	79	70	184	175	185	81	140	106	201	191	18	174	32	113
1922														
January.....	98	59	185	171	185	86	137	78	200	190	18	180	41	113
February.....	106	74	179	164	177	93	133	95	200	189	20	169	44	125
March.....	130	108	172	164	182	120	125	102	200	189	26	202	34	133
April.....	41	66	182	164	182	(7)	104	38	201	189	19	210	38	183
May.....	53	31	252	214	180	(7)	72	21	(9)	189	15	240	30	216
June.....	58	49	273	232	184	1	47	14	(9)	189	16	244	40	277
July.....	44	33	380	245	185	2	19	6	(9)	189	16	235	38	441
August.....	67	39	481	302	192	2	5	10	(9)	220	19	169	36	525
September.....	107	107	410	336	225	65	1	31	198	212	22	212	48	456
October.....	117	157	356	291	227	112	6	141	198	198	31	265	53	402
November.....	118	147	334	291	225	112	9	152	198	198	41	276	62	295
December.....	121	134	336	268	225	111	5	133	200	209	44	289	168	267
1923														
January.....	126	90	354	250	223	114	4	124	200	207	53	293	107	338
February.....	106	73	292	222	224	102	4	115	200	214	53	265	97	292
March.....	117	111	258	222	207	123	6	139	200	203	62	307	134	300
April.....	107	126	227	222	184	106	12	147	200	196	63	303	277	259
May.....	116	205	216	200	183	112	21	155	200	196	85	314	223	211
June.....	114	220	207	188	184	114	29	145	200	196	63	299	88	213
July.....	113	207	193	177	183	109	34	158	200	193	56	308	82	187
August.....	123	193	195	177	183	116	35	153	200	201	53	306	136	187
September.....	116	181	195	177	181	38	28	61	210	208	49	294	130	177
October.....	123	136	183	177	182	114	40	139	216	209	46	293	107	158
November.....	108	114	181	177	182	102	47	128	216	209	39	278	67	156
December.....	100	98	176	154	181	105	54	114	216	208	38	283	62	164
1924														
January.....	127	95	181	166	181	104	56	94	216	208	41	292	73	165
February.....	115	115	183	166	181	100	62	108	216	203	43	281	77	172
March.....	100	101	175	154	178	106	75	108	216	200	48	304	153	171
April.....	74	86	168	154	168	89	79	85	207	194	39	284	62	155
May.....	78	112	166	154	163	102	86	95	208	195	43	378	55	140
June.....	76	138	165	154	163	101		121	210	196	20	227	66	132
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹ Production figures, calculated from shipments from the mine and representing complete production except for small quantities used at the mines, compiled by U. S. Department of the Interior, Geological Survey.

² Exports from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; bunker coal on vessels engaged in the foreign trade is not included in these figures.

³ Average mine price of spot coal in 14 representative bituminous fields weighted by the production in each field, compiled by the Coal Age; about 20 per cent of the total output of bituminous coal is sold spot, while about 55 per cent is sold on future contracts, and 25 per cent of the output is not sold commercially.

Table 32.—COAL

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	BITUMINOUS					ANTHRACITE					COKE			
	Production ¹	Exports ²	Prices			Production ¹	Stocks, end of month ³	Exports ²	Prices		Production ¹		Exports ²	Price
			Mine average (spot) ⁴	Wholesale, Kanawha f. o. b. Cincinnati ⁴	Retail, Chicago ⁴				Wholesale, chestnut, New York ⁴	Retail, chestnut, New York ⁴	Beehive	By-product			Connellsville^{4}
	Thous. of short tons	Thous. of long tons	Dollars per short ton			Thous. of short tons	Thous. of long tons	Dols. per long ton	Dols. per short ton	Thous. of short tons		Thous. of long tons	Dols. per short ton	
1909-13 monthly average.....		1,093					258							
1913 monthly average.....	39,569	1,499	\$1.23	\$2.20	\$1.91	7,627	346	\$5.31	\$6.97	2,799	1,659	73	\$2.44	
1914 monthly average.....	35,225	1,150	1.14	2.20	4.93	7,569	319	5.32	7.00	1,915	915	49	1.81	
1915 monthly average.....	36,885	1,397	1.12	2.20	4.89	7,416	295	5.33	7.17	2,232	1,172	67	1.79	
1916 monthly average.....	41,877	1,581	1.85	2.68	4.87	7,298	347	5.57	7.34	2,955	1,590	87	3.25	
1917 monthly average.....	45,983	1,789	3.25	4.53	6.95	8,301	402	5.91	8.46	2,761	1,870	104	8.25	
1918 monthly average.....	48,282	1,603	2.58	3.83	6.55	8,236	370	6.80	9.19	2,740	2,166	126	6.09	
1919 monthly average.....	38,822	1,497	2.59	4.11	6.86	7,341	370	8.27	10.81	1,587	2,095	52	4.74	
1920 monthly average.....	47,389	2,806	5.64	5.85	8.18	7,407	402	9.50	12.33	1,745	2,565	68	10.79	
1921 monthly average.....	34,690	1,722	2.55	4.56	8.58	7,539	2,673	318	10.53	492	1,646	23	3.65	
1922 monthly average.....	35,819	919	3.63	5.20	9.50	4,447	1,478	197	10.60	13.70	670	2,375	38	7.04
1923 monthly average.....	45,450	1,596	2.75	4.31	9.23	7,936	696	379	10.88	14.21	1,497	3,127	92	5.34
1922														
January.....	38,930	641	2.27	3.75	8.91	6,566	3,674	224	10.64	13.21	496	1,993	39	2.75
February.....	42,425	814	2.20	3.60	8.50	7,096	3,567	275	10.63	13.14	549	1,795	32	3.04
March.....	51,936	1,187	2.12	3.60	8.77	9,181	3,344	295	10.64	13.14	732	2,137	25	3.25
April.....	16,335	715	2.24	3.60	8.77	26	2,775	109	10.66	13.14	528	2,227	28	4.44
May.....	21,005	340	3.10	4.70	8.68	35	1,930	61	(⁵)	13.14	432	2,537	22	6.00
June.....	23,095	541	3.36	5.10	8.85	84	1,217	40	(⁵)	13.14	458	2,580	29	6.75
July.....	17,602	366	4.67	5.39	8.92	116	500	17	(⁵)	13.14	450	2,486	28	10.75
August.....	26,755	426	5.92	6.64	9.22	161	141	29	(⁵)	15.33	539	1,794	26	12.80
September.....	42,463	1,175	5.04	7.39	10.83	4,979	38	89	10.53	14.79	696	2,214	35	11.13
October.....	46,733	1,729	4.38	6.30	10.94	8,578	152	405	10.53	13.83	878	2,806	39	9.60
November.....	46,900	1,613	4.11	6.39	10.83	8,535	236	440	10.52	13.83	1,138	2,925	38	7.19
December.....	48,088	1,469	4.13	5.89	10.82	8,430	137	382	10.64	14.54	1,233	3,053	723	7.00
1923														
January.....	50,178	1,092	4.36	5.64	10.98	8,713	105	356	10.62	14.45	1,477	3,109	78	8.25
February.....	42,160	806	3.59	4.89	10.79	7,773	114	330	10.63	14.90	1,481	2,810	71	7.13
March.....	46,802	1,220	3.17	4.89	9.96	9,382	148	400	10.63	14.13	1,745	3,256	98	7.31
April.....	42,564	1,385	2.79	4.89	8.84	8,063	327	422	10.62	13.67	1,774	3,296	202	6.31
May.....	46,076	2,249	2.66	4.39	8.81	8,573	568	446	10.63	13.67	1,827	3,328	163	5.15
June.....	45,490	2,419	2.54	4.14	8.53	8,665	766	419	10.62	13.67	1,753	3,166	64	5.19
July.....	45,126	2,278	2.38	3.89	8.81	8,320	898	455	10.62	13.83	1,591	3,297	60	4.55
August.....	48,864	2,117	2.40	3.89	8.80	8,868	939	442	10.63	14.00	1,493	3,279	99	4.56
September.....	45,216	1,769	2.40	3.89	8.73	2,917	740	176	11.13	14.50	1,372	3,113	95	4.50
October.....	49,177	1,489	2.25	3.89	8.77	8,724	1,065	401	11.47	14.58	1,289	3,101	78	3.85
November.....	42,911	1,253	2.23	3.89	8.75	7,746	1,214	369	11.18	14.58	1,102	2,912	49	3.81
December.....	39,836	1,078	2.17	3.39	8.71	7,974	1,411	329	11.45	14.50	1,063	2,999	45	4.01
1924														
January.....	50,801	1,046	2.23	3.64	8.71	7,924	1,494	272	11.47	14.50	1,154	3,094	53	4.03
February.....	45,725	1,263	2.25	3.64	8.73	7,621	1,660	310	11.47	14.13	1,211	2,981	56	4.19
March.....	39,909	1,112	2.15	3.39	8.66	8,114	2,016	311	11.48	14.33	1,343	3,220	112	4.18
April.....	29,517	943	2.07	3.39	8.06	6,811	2,125	245	10.97	13.50	1,079	3,010	45	3.78
May.....	31,236	1,232	2.04	3.39	7.85	7,745	2,291	275	11.06	13.57	1,200	4,092	40	3.41
June.....	30,447	1,514	2.03	3.39	7.85	7,704		349	11.16	13.63	655	2,403	48	3.23
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹ Wholesale and retail prices are monthly averages from U. S. Department of Labor, Bureau of Labor Statistics. Wholesale price of bituminous coal is based on run of mine, while the retail price is average consumer's price of lump, egg, nut, and mine run, averaged according to shipments. The price of coke represents beehive furnace coke (range of prompt and future) at Connellsville ovens.

² Anthracite stocks, represent net stocks at distribution points and excluding Hudson Coal Company tonnage, from Anthracite Bureau of Information.

³ No quotation.

⁴ Relative number less than 1.

Table 33.—CRUDE PETROLEUM

(Relative numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	Production ¹	STOCKS ²			Imports ³	CONSUMPTION ⁴		Price, Kansas-Oklahoma, at wells ⁵	Oil wells completed ⁶	Mexican shipments ⁷
		Total for comparison	Total at refineries	Number of days' supply		Total	Run to stills			
		Relative to 1913		Relative to 1919		Relative to 1913				
1913 monthly average.....	100	100			100	100		100	100	100
1914 monthly average.....	107	118			97	100		86	87	82
1915 monthly average.....	113	139			102	104		62	48	127
1916 monthly average.....	121	138			115	122		135	98	154
1917 monthly average.....	135	122	38	137	169	144	87	190	87	213
1918 monthly average.....	143	99	91	169	212	158	90	235	93	246
1919 monthly average.....	152	105	100	100	297	160	100	244	110	337
1920 monthly average.....	178	127	114	79	610	201	120	364	127	594
1921 monthly average.....	189	152	138	96	704	201	123	182	77	699
1922 monthly average.....	224	234	221	132	715	226	138	193	91	724
1923 monthly average.....	295	287	214	127	461	273	161	154	85	563
1922										
January.....	211	187	205	116	883	207	128	241	72	651
February.....	200	199	178	128	814	183	114	241	72	781
March.....	228	211	210	126	944	217	130	241	83	800
April.....	218	225	219	149	786	189	127	241	91	864
May.....	227	235	238	136	945	224	141	241	95	861
June.....	223	244	242	137	821	222	139	241	104	786
July.....	228	249	236	140	707	233	147	206	113	791
August.....	227	250	228	133	693	252	145	134	107	642
September.....	221	251	225	138	824	221	141	134	99	626
October.....	234	253	219	133	679	258	147	134	87	648
November.....	232	252	219	127	501	249	147	131	91	669
December.....	245	252	226	123	483	281	155	134	75	667
1923										
January.....	254	256	200	126	492	249	155	145	76	654
February.....	235	257	183	121	418	236	142	185	69	471
March.....	275	260	208	116	543	274	155	198	78	612
April.....	285	265	210	116	446	269	155	195	96	687
May.....	301	272	211	126	404	265	169	163	118	670
June.....	304	283	212	130	404	253	159	155	115	553
July.....	318	291	225	126	460	285	169	155	109	561
August.....	321	298	229	124	511	296	166	155	92	603
September.....	315	304	219	128	406	285	162	144	80	523
October.....	326	312	225	134	460	292	169	183	72	534
November.....	316	320	221	138	410	279	167	112	63	555
December.....	288	322	223	135	567	293	170	109	66	628
1924										
January.....	273	321	227	140	425	286	170	133	49	459
February.....	263	323	250	138	439	271	166	162	57	547
March.....	288	327	261	140	579	290	125	179	68	617
April.....	287	331	265	140	492	283	183	186	90	626
May.....	293	334	271	144	498	286	182	186	104	577
June.....	287	340	271	147	440	276	174	166	94	521
July.....										
August.....										
September.....										
October.....										
November.....										
December.....										

See footnote on opposite page also.

¹ Production data, compiled by U. S. Department of the Interior, Geological Survey, represent output transported from field of production, excluding oil consumed at field of production or not transported therefrom, which has comprised only 1 or 2 per cent of the total production since 1919.

² Stocks of crude petroleum included in "Total for comparison" are from the U. S. Department of the Interior, Geological Survey, and include pipe-line stocks and tank-stocks, producers' stocks in California, and stocks of Mexican petroleum held by importers. Figures for some of the earlier years have been adjusted to represent approximately net stocks for proper comparison with later figures. Beginning with January, 1923, topped oil and imported oil at refineries have not been reported by the Geological Survey, but the imported stocks at refineries reported by the Bureau of Mines have been added to the Geological Survey figures to compensate for the exclusion of the former. This change in the method of computation reduced the January, 1923, total from 264,575,000 to 263,235,000 barrels, an almost negligible difference. Beginning with January, 1923, the Geological Survey total of stocks, consisting of total pipe-line and tank-farm stocks, producers' stocks in California, and imported oil held outside refineries are given in the separate column headed "Tank farms and pipe lines." Total stocks at refineries are from the U. S. Department of the Interior, Bureau of Mines, and include both imported and domestic oil. Producers' stocks east of California are not included in the monthly totals but are given annually, and have ranged between 3½ and 8½ million barrels since 1919. The number of days' supply represented by stocks on hand is calculated from current consumption by the Geological Survey prior to January 1923, on "total stocks of comparison" and thereafter on stocks at tank farms and pipe lines.

Table 34.—CRUDE PETROLEUM

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	Production ¹	STOCKS ²				Imports ³	CONSUMPTION ⁴		Price, Kansas-Oklahoma, at wells ⁵	Oil wells completed ⁶	MEXICAN FIELD ⁷	
		Total for comparison	Tank farms and pipe lines	Total at refineries	Number of days' supply		Total	Run to stills			Shipments	Storage, Tampico field
1913 monthly average.....	20,704	104,062				1,431	21,809		\$0.934	1,592	2,159	
1914 monthly average.....	22,147	123,709				1,437	21,774		.798	1,389	1,766	
1915 monthly average.....	23,425	145,914				1,512	22,772		.533	763	2,743	
1916 monthly average.....	25,064	144,556				1,714	26,549		1.258	1,665	3,318	
1917 monthly average.....	27,943	128,201		5,682	159	2,514	31,478	26,201	1.775	1,383	4,608	
1918 monthly average.....	29,661	103,886		13,526	126	3,144	34,423	27,169	2.197	1,487	5,319	
1919 monthly average.....	31,531	110,026		14,935	116	4,401	31,873	80,127	2.279	1,747	7,280	
1920 monthly average.....	36,911	133,115		16,954	92	9,051	43,732	36,160	3.404	2,024	12,814	
1921 monthly average.....	39,137	159,237		20,651	111	10,442	43,743	36,947	1.704	1,218	15,093	
1922 monthly average.....	46,463	245,673		32,932	153	10,609	49,370	41,725	1.806	1,445	15,611	
1923 monthly average.....	61,034	300,838	204,659	32,023	147	6,835	59,525	48,436	1.430	1,357	12,147	
1922												
January.....	43,696	196,228		30,636	135	13,107	45,193	39,582	2.250	1,151	18,354	
February.....	41,314	208,851		26,580	148	12,077	39,933	34,423	2.250	1,143	10,952	
March.....	47,183	221,593		31,298	146	14,094	47,369	39,091	2.250	1,323	17,274	
April.....	45,167	235,962		32,752	173	11,659	41,238	32,364	2.250	1,442	18,663	
May.....	47,022	247,093		35,476	158	14,018	48,816	42,562	2.250	1,511	18,597	
June.....	46,087	255,817		36,178	159	12,182	48,449	41,805	2.250	1,654	16,977	
July.....	47,134	261,395		35,287	162	10,493	50,877	44,373	1.925	1,798	17,068	
August.....	47,059	262,707		34,030	154	10,279	54,931	43,817	1.250	1,709	13,863	
September.....	45,805	263,761		33,615	150	4,812	48,166	42,534	1.250	1,572	11,367	
October.....	48,410	265,073		32,766	154	16,032	56,159	44,234	1.250	1,338	13,939	
November.....	48,027	265,017		32,765	147	7,429	54,363	44,203	1.250	1,450	12,035	
December.....	50,642	264,578		33,805	143	7,166	56,845	46,709	1.250	1,197	12,240	
1923												
January.....	52,527	268,471	258,107	29,914	146	7,307	54,229	46,825	1.350	1,208	11,960	
February.....	48,588	269,637	260,717	28,113	140	6,190	51,492	42,672	1.725	1,094	10,175	
March.....	56,909	273,370	264,800	31,133	135	8,058	59,695	46,819	1.550	1,248	13,222	
April.....	59,003	278,144	270,155	31,343	135	6,617	53,740	46,710	1.825	1,521	12,632	
May.....	62,377	285,992	279,272	31,511	146	5,935	57,811	47,973	1.525	1,871	12,297	
June.....	62,845	293,587	290,252	31,718	151	5,996	55,145	47,969	1.450	1,830	11,943	
July.....	65,925	305,182	299,368	33,581	146	6,915	62,057	50,926	1.450	1,733	12,119	
August.....	66,422	312,472	307,100	34,271	144	7,580	64,603	50,015	1.450	1,465	13,019	
September.....	65,309	318,718	314,403	32,753	148	6,021	62,224	48,812	1.345	1,278	11,282	
October.....	67,506	327,463	323,789	33,669	155	6,825	63,600	50,904	1.233	1,140	11,522	
November.....	65,398	335,741	332,587	33,012	160	6,035	60,890	50,364	1.050	1,007	11,974	
December.....	59,546	338,277	334,774	33,259	157	8,417	63,854	51,249	1.015	887	13,563	
1924												
January.....	56,455	337,419	333,742	32,873	162	6,303	62,262	51,244	1.244	774	9,911	
February.....	55,454	339,220	334,892	37,324	160	6,511	59,123	49,907	1.513	904	11,809	
March.....	59,729	343,292	338,531	39,018	162	8,591	63,197	52,699	1.670	1,038	13,330	
April.....	59,433	347,255	341,928	33,518	162	7,297	61,785	55,249	1.750	1,429	13,514	
May.....	61,653	351,040	346,751	40,406	167	7,393	62,447	54,725	1.735	1,657	12,459	
June.....	59,439	356,360	351,218	40,500	171	6,660	60,039	52,436	1.550	1,501	11,254	
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Imports of crude petroleum are as compiled by the U. S. Department of the Interior, Geological Survey. Beginning with February, 1923, topped oil has been generally excluded from the imports; on this basis imports for January, 1923, were 5,099,000 barrels instead of 6,199,000 barrels, as reported, and to which previous months' figures are comparable.

² Data on total consumption representing deliveries to domestic consumers, compiled by the U. S. Department of the Interior, Geological Survey, from figures on production, imports, exports, and differences in stocks (except refiners' stocks). The change on the basis for computing stocks and imports at the beginning of 1923 changed consumption for January, 1923, from 53,902,000 barrels on the old basis to 55,210,000 barrels on the new basis. Figures on crude oil run to stills at refineries, representing consumption by refiners, compiled by U. S. Department of the Interior, Bureau of Mines.

³ Wholesale price of Kansas-Oklahoma crude oil at wells is average for the month as compiled by the U. S. Department of Labor, Bureau of Labor Statistics.

⁴ Number of oil wells completed during the month compiled by U. S. Department of the Interior, Geological Survey.

⁵ Mexican petroleum shipments from the three ports, Tampico, Port Lobos, and Tuxpam, indicating Mexican oil production, from the Oil Trade Journal, the preliminary figure for the current month being taken from the Wall Street Journal. Storage of oil in the Tampico field in Mexico from the Wall Street Journal.

⁶ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included in October.

Table 35.—OTHER PETROLEUM PRODUCTS

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	KEROSENE OIL					GAS AND FUEL OIL				LUBRICATING OIL			
	Production	Consumption	Stocks at refineries	Price, 150° water white	Retail distribution 13 States	Production	Consumption	Stocks at refineries	Price, Pa., 36-40, at refineries	Production	Consumption	Stocks at refineries	Price, Pa., 600° filtered "D" at refineries
	Relative to 1919				Relative to 1922	Relative to 1919							
1917 mo. average.	68		173	62		82		80		85		76	
1918 mo. average.	78	104	135	85		96	87	71		99	102	89	
1919 mo. average.	100	100	100	100		100	100	100	100	100	100	100	100
1920 mo. average.	90	100	126	132			114	88	237	124	108	85	170
1921 mo. average.	83	89	134	122		116	119	180	96	104	91	143	79
1922 mo. average.	98	105	100	104	100	127	147	185	100	116	110	143	66
1923 mo. average.	100	107	87	107	104	158	160	176	112	130	130	142	64
1921													
May.....	74	86	151	120		129	115	149	92	99	88	162	69
June.....	73	81	145	110		130	117	160	85	89	102	162	60
July.....	71	106	137	110		127	123	163	68	93	103	160	60
August.....	74	94	130	110		123	125	160	64	94	133	150	47
September.....	79	100	124	110		124	124	188	71	98	128	143	49
October.....	94	126	111	116		131	132	159	85	108	121	134	69
November.....	90	80	113	120		126	124	164	133	109	80	141	82
December.....	87	88	113	120		136	128	171	104	117	123	134	79
1922													
January.....	89	90	109	109	79	135	141	170	87	105	30	162	62
February.....	86	87	110	105	69	120	123	170	94	98	78	157	59
March.....	92	92	107	105	76	134	148	161	87	104	117	147	67
April.....	97	81	103	101	90	125	124	165	87	103	87	147	67
May.....	89	103	106	100	112	147	145	170	85	113	139	140	70
June.....	89	89	106	100	100	142	147	170	94	114	102	141	72
July.....	99	116	108	100	107	151	152	175	94	130	133	140	72
August.....	94	117	95	100	133	149	152	176	112	126	142	137	70
September.....	101	119	90	101	127	144	148	175	115	116	126	133	66
October.....	110	125	85	103	117	145	153	176	119	124	121	135	66
November.....	120	134	86	110	97	140	154	174	112	127	115	140	64
December.....	116	107	94	110	93	153	173	168	106	127	119	146	62
1923													
January.....	109	106	92	110	92	156	179	163	117	123	104	149	63
February.....	92	104	91	110	82	142	145	164	123	110	120	148	68
March.....	98	97	94	110	93	153	162	161	125	129	131	146	77
April.....	93	111	91	109	95	154	158	164	123	129	131	145	76
May.....	97	116	91	105	117	152	160	160	115	149	156	140	73
June.....	92	106	88	105	107	153	143	170	100	136	123	139	64
July.....	96	106	90	103	104	166	157	180	96	133	149	139	62
August.....	95	114	81	103	122	159	145	188	94	124	146	136	59
September.....	99	101	79	103	114	162	161	190	98	124	131	133	54
October.....	98	107	76	105	110	168	177	185	113	125	124	135	55
November.....	113	114	80	110	111	166	160	193	113	136	128	143	58
December.....	120	103	94	110	100	168	166	195	108	139	112	150	59
1924													
January.....	112	117	100	110		167	180	189	110	134	145	151	72
February.....	101	101	102	110		161	166	192	116	133	104	157	80
March.....	103	107	110	110		175	180	191	114	143	136	155	84
April.....	104	134	96	107		176	173	197	112	137	129	155	84
May.....	102	91	101	108		182	186	200	112	148	137	151	88
June.....	94	96	98	103		174	165	208	108	137	123	154	84
July.....									102				82
August.....													
September.....													
October.....													
November.....													
December.....													

See footnotes on opposite page.

Table 36.—OTHER PETROLEUM PRODUCTS¹

[Base year in bold-faced type: relative numbers on opposite page]

YEAR AND MONTH	KEROSENE OIL					GAS AND FUEL OIL				LUBRICATING OIL			
	Production	Consumption	Stocks at refineries	Price, 150° water white	Retail distribution 13 States	Production	Consumption	Stocks at refineries	Price, Pa., 36-40 at refineries	Production	Consumption	Stocks at refineries	Price Pa., 600° filtered "D" at refineries
	Thousands of gallons			Dolls. per gal.		Thousands of gallons			Dolls. per gal.	Thousands of gallons			Dolls. per gal.
1917 mo. av.	133, 501		521, 273	\$0.124		521, 036		621, 800		60, 137		122, 526	
1918 mo. av.	152, 113	120, 546	405, 203	.170		610, 116	409, 030	648, 085		70, 122	48, 379	144, 521	
1919 mo. av.	195, 156	116, 158	300, 582	.200		635, 607	578, 808	778, 896	\$0.062	70, 668	47, 609	161, 491	\$0.068
1920 mo. av.	183, 341	115, 789	379, 472	.203		738, 454	650, 903	687, 858	.123	87, 226	51, 542	137, 212	.017
1921 mo. av.	162, 094	103, 378	402, 622	.243		805, 318	684, 790	1, 164, 923	.050	73, 155	44, 189	231, 172	.285
1922 mo. av.	192, 194	121, 091	301, 642	.208	29, 107	892, 186	840, 034	1, 438, 811	.052	81, 663	52, 342	230, 678	.241
1923 mo. av.	195, 745	124, 378	261, 657	.214	30, 268	1, 006, 183	914, 857	1, 369, 624	.058	91, 417	61, 662	229, 494	.232
1921													
May	145, 225	99, 487	452, 438	.240		817, 368	688, 254	1, 163, 339	.048	70, 000	41, 505	261, 760	.250
June	141, 637	94, 478	435, 057	.220		826, 355	608, 754	1, 248, 064	.044	63, 039	48, 653	260, 583	.180
July	138, 724	123, 702	412, 202	.220		807, 428	707, 510	1, 269, 419	.030	65, 893	49, 121	238, 638	.180
August	143, 682	109, 089	389, 893	.220		784, 450	715, 483	1, 243, 446	.033	66, 473	68, 319	242, 430	.170
September	154, 017	116, 001	371, 235	.220		788, 408	710, 988	1, 229, 254	.037	60, 053	61, 056	230, 227	.178
October	182, 454	145, 935	334, 580	.232		833, 775	754, 075	1, 238, 269	.014	75, 971	57, 520	216, 770	.215
November	175, 240	93, 429	340, 026	.240		799, 257	710, 577	1, 270, 451	.069	77, 005	37, 564	228, 038	.296
December	170, 315	102, 772	341, 009	.240		865, 769	735, 248	1, 331, 265	.054	82, 573	58, 502	219, 766	.256
1922													
January	172, 917	104, 111	327, 484	.218	23, 084	858, 111	605, 568	1, 310, 481	.045	74, 314	14, 495	245, 231	.226
February	167, 220	109, 570	331, 423	.210	20, 163	761, 085	707, 279	1, 321, 589	.049	69, 123	37, 178	253, 568	.214
March	178, 785	106, 819	321, 428	.210	21, 999	849, 106	851, 179	1, 250, 278	.045	73, 391	55, 844	236, 886	.245
April	188, 809	94, 459	325, 836	.202	26, 117	791, 643	710, 111	1, 282, 801	.045	72, 945	41, 440	237, 230	.245
May	173, 824	119, 646	318, 890	.199	32, 518	936, 742	830, 165	1, 321, 438	.044	70, 848	66, 090	220, 293	.255
June	173, 650	103, 440	317, 574	.200	29, 159	903, 057	840, 558	1, 326, 940	.040	80, 138	53, 388	226, 904	.260
July	192, 924	135, 096	324, 586	.200	31, 000	930, 029	870, 475	1, 358, 870	.049	91, 715	63, 466	226, 691	.262
August	184, 383	136, 133	285, 620	.200	38, 826	914, 280	869, 364	1, 366, 612	.058	88, 824	67, 002	220, 668	.253
September	197, 935	137, 963	270, 577	.202	37, 015	917, 858	847, 489	1, 364, 957	.060	82, 057	59, 861	214, 728	.240
October	215, 203	145, 252	266, 289	.216	33, 942	921, 606	876, 475	1, 368, 749	.062	87, 341	57, 740	217, 775	.238
November	234, 436	153, 709	257, 879	.220	28, 186	891, 590	882, 458	1, 352, 348	.058	80, 271	54, 008	220, 420	.233
December	226, 239	124, 697	261, 060	.220	27, 185	972, 111	969, 287	1, 304, 723	.055	89, 785	56, 497	225, 735	.225
1923													
January	212, 448	123, 233	275, 437	.220	26, 672	989, 376	1, 028, 718	1, 265, 075	.061	87, 078	49, 711	240, 690	.229
February	180, 375	121, 063	272, 763	.220	24, 000	902, 503	830, 586	1, 276, 576	.064	77, 498	57, 298	238, 859	.246
March	190, 701	113, 019	283, 340	.220	27, 024	970, 891	929, 613	1, 254, 122	.065	90, 745	62, 513	235, 263	.279
April	181, 948	128, 789	273, 005	.218	27, 718	976, 766	903, 763	1, 272, 978	.064	90, 693	62, 154	234, 700	.276
May	189, 177	134, 563	272, 672	.210	34, 156	966, 166	918, 766	1, 246, 662	.060	105, 363	74, 255	226, 289	.265
June	179, 074	122, 709	264, 301	.210	31, 189	970, 870	822, 402	1, 324, 025	.052	95, 726	58, 575	225, 137	.224
July	188, 226	123, 257	269, 460	.205	30, 351	1, 058, 243	901, 770	1, 400, 814	.050	93, 901	71, 030	224, 952	.225
August	186, 219	131, 888	243, 618	.205	35, 444	1, 010, 658	832, 905	1, 462, 182	.049	87, 262	69, 270	220, 419	.213
September	193, 688	117, 520	238, 024	.205	33, 191	1, 032, 591	923, 574	1, 481, 204	.051	87, 172	62, 130	215, 013	.196
October	191, 346	124, 563	224, 954	.210	32, 091	1, 069, 800	1, 015, 315	1, 436, 591	.059	83, 003	58, 943	218, 485	.200
November	220, 811	132, 384	239, 114	.220	32, 260	1, 057, 932	918, 644	1, 499, 926	.059	96, 120	60, 974	231, 335	.210
December	234, 921	119, 667	283, 196	.220	29, 114	1, 073, 337	962, 330	1, 515, 035	.056	97, 748	53, 115	242, 785	.215
1924													
January	217, 768	135, 056	300, 265	.220		1, 062, 892	1, 032, 946	1, 471, 544	.057	94, 535	68, 923	243, 224	.263
February	196, 826	116, 979	306, 727	.220		1, 025, 422	952, 628	1, 491, 173	.060	93, 824	40, 709	238, 845	.293
March	200, 039	123, 740	330, 010	.220		1, 114, 412	1, 031, 767	1, 457, 464	.060	101, 127	64, 548	249, 789	.304
April	203, 186	155, 424	288, 965	.215		1, 116, 764	989, 372	1, 536, 337	.058	96, 967	61, 465	251, 047	.304
May	199, 992	105, 578	304, 006	.215		1, 155, 936	1, 066, 388	1, 555, 663	.058	104, 439	65, 194	243, 732	.320
June	183, 141	111, 401	293, 323	.215		1, 106, 712	946, 808	1, 618, 564	.056	96, 905	58, 668	248, 556	.305
July									.053				.298
August													
September													
October													
November													
December													

¹ Data from U. S. Department of the Interior, Bureau of Mines, except prices from U. S. Department of Labor, Bureau of Labor Statistics, and retail distribution of kerosene, collected from the tax statistics of Arkansas, Colorado, Florida, Georgia, Indiana, Kansas, Michigan, Minnesota, Nebraska, North Dakota, Oklahoma, South Carolina, and South Dakota by the American Petroleum Institute.

² Six months' average, July-December, inclusive.

³ Average for last 8 months of year.

Table 37.—GASOLINE

[Base year in bold-face type]

YEAR AND MONTH	Production ¹	Exports ²	Domestic consumption ¹	Stocks, end of month ¹	Price, motor, New York ³	Retail distribution, 21 States ⁴	Production ¹	Exports ²	Domestic consumption ¹	Stocks, end of month ¹	Price, motor, New York ³	Retail distribution, 21 States ⁴
	Relative to 1919				Relative to 1913 ³	Relative to 1922	Thousands of gallons				Dollars per gallon	Thousands of gallons
	RELATIVE NUMBERS						NUMERICAL DATA					
1917 monthly average.....	72	113	76	73	141	-----	237,546	34,676	218,420	343,946	\$0.238	-----
1918 monthly average.....	90	153	91	82	144	-----	297,526	46,926	260,772	386,202	.242	-----
1919 monthly average.....	100	100	100	100	146	-----	329,821	80,667	286,284	472,411	.245	-----
1920 monthly average.....	123	173	124	98	174	-----	406,879	82,979	354,225	464,485	.293	-----
1921 monthly average.....	130	143	131	134	155	-----	429,462	43,817	376,336	630,757	.261	-----
1922 monthly average.....	157	157	156	167	149	100	516,853	48,295	417,674	785,189	.251	149,598
1923 monthly average.....	191	228	195	238	123	123	629,662	69,801	557,086	1,126,643	.207	183,694
1921												
September.....	126	114	153	109	143	-----	416,913	35,055	438,084	815,326	.240	-----
October.....	134	154	159	97	146	-----	440,956	47,116	454,996	456,270	.246	-----
November.....	131	160	122	105	150	-----	431,887	45,807	350,548	495,590	.263	-----
December.....	133	117	109	124	160	-----	439,031	35,990	313,016	588,087	.270	-----
1922												
January.....	135	16	90	149	156	68	444,623	49,856	282,717	705,711	.263	101,811
February.....	121	124	92	171	146	65	398,223	38,170	262,926	807,379	.245	96,492
March.....	143	172	133	181	143	70	472,278	52,814	390,407	854,232	.240	165,366
April.....	143	189	135	189	147	85	472,920	58,007	385,221	892,568	.248	126,559
May.....	156	182	175	181	159	103	513,659	55,824	499,724	856,607	.258	154,761
June.....	159	176	177	175	160	108	525,041	53,835	506,959	824,966	.270	162,100
July.....	173	191	198	164	160	123	560,711	58,631	560,099	772,909	.270	154,422
August.....	167	117	204	149	149	131	549,958	36,010	583,688	703,738	.260	196,336
September.....	163	146	177	146	149	126	536,492	44,846	507,924	690,051	.250	188,382
October.....	172	139	171	153	146	113	566,279	42,757	490,893	723,584	.245	169,075
November.....	172	136	165	164	143	114	567,101	41,572	471,616	776,724	.240	171,221
December.....	177	164	152	187	136	93	585,050	47,223	434,400	883,793	.228	136,570
1923												
January.....	189	191	160	212	131	93	623,723	58,505	456,967	1,002,857	.220	139,625
February.....	172	218	133	239	137	88	568,652	66,968	380,093	1,130,341	.231	132,115
March.....	191	223	156	267	146	91	630,701	68,506	446,460	1,259,203	.245	136,324
April.....	188	214	170	283	143	97	619,043	65,655	485,717	1,330,418	.240	144,646
May.....	192	232	204	281	175	123	631,705	71,153	582,536	1,328,533	.220	183,853
June.....	193	230	221	267	128	140	636,734	70,398	633,505	1,263,583	.215	209,195
July.....	193	263	235	247	126	140	636,012	80,693	674,019	1,165,389	.213	208,748
August.....	197	250	242	223	119	149	648,955	76,658	692,154	1,053,856	.200	222,992
September.....	189	236	229	206	114	144	623,733	72,352	655,798	972,705	.191	215,873
October.....	200	269	217	200	110	141	659,061	82,604	621,173	945,873	.185	211,068
November.....	187	175	188	209	101	136	617,558	53,656	538,309	985,046	.170	203,609
December.....	200	230	181	228	92	131	659,169	70,565	518,305	1,074,900	.155	196,265
1924												
January.....	211	280	175	254	98	¹ 109	695,323	85,946	500,421	1,200,288	.165	¹ 162,900
February.....	205	331	138	293	119	¹ 99	677,740	101,597	396,288	1,383,394	.200	¹ 148,674
March.....	225	259	163	336	118	¹ 108	743,248	79,439	467,181	1,687,535	.198	¹ 160,816
April.....	229	373	212	344	119	¹ 123	754,773	114,396	607,175	1,625,869	.200	¹ 181,224
May.....	237	307	235	349	119	¹ 147	780,194	94,073	673,495	1,649,954	.200	¹ 184,107
June.....	223	359	240	338	119	-----	737,081	110,164	686,674	1,598,858	.200	² 220,420
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹ Production, consumption, and stocks held by refiners at end of month, from the U. S. Department of the Interior, Bureau of Mines.² Exports of gasoline taken from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, include gasoline and all other naphtha, less exports to the Philippine Islands, to agree with data used by the Bureau of Mines.³ The index of gasoline prices is relative to the 1913 monthly average, \$0.168 per gallon, and represents the price of motor gasoline delivered in drums to garages in New York City, compiled by the U. S. Department of Labor, Bureau of Labor Statistics.⁴ Retail distribution of gasoline compiled by the American Petroleum Institute from reports of gasoline-tax collections by the following States: Alabama, Arkansas, Arizona, Colorado, Connecticut, Florida, Georgia, Indiana, Kansas, Kentucky, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, and Washington. Details by States for 1922 and 1923, with partial reports for 1921, may be found on pages 52 and 53 of the June 1924, issue of the SURVEY (No. 34).⁵ Estimated for Pennsylvania.

Table 38.—AUTOMOBILES

[Base year in bold-faced type]

YEAR AND MONTH	INTERNAL-REVENUE TAXES ON—			EXPORTS FROM CANADA ¹				INTERNAL-REVENUE TAXES ON—			EXPORTS FROM CANADA ¹			
	Passenger automobiles and motor-cycles	Auto-mobile trucks and wagons	Auto-mobile accessories and parts	Total	Passenger cars	Trucks	Accessories and parts	Passenger automobiles and motor-cycles	Auto-mobile trucks and wagons	Auto-mobile accessories and parts	Total	Passenger cars	Trucks	Accessories and parts
	Relative to 1920			Relative to 1919				Thousands of dollars			Number of machines			Dollars
	RELATIVE NUMBERS							NUMERICAL DATA						
				1918	1919	1920	1921	1918	1919	1920	1921	1918	1919	1920	1921
1918 monthly av.	84	100	101	53	48	81	31	35,824	31,188	34,305	1,096	1,760	226	590,262
1919 monthly av.	100	100	100	100	100	100	100	4,967	1,263	4,250	1,912	1,688	979	290,441
1920 monthly av.	61	54	79	100	92	148	123	4,270	687	3,374	1,918	1,506	412	346,336
1921 monthly av.	90	63	69	165	181	77	55	5,821	799	2,946	2,164	2,050	214	160,508
1922 monthly av.	127	72	145	305	293	872	101	8,857	909	3,217	5,527	4,790	1,037	264,198
1921														
January	44	45	53	98	103	57	34	3,094	572	2,282	1,837	1,679	159	99,416
February	33	30	46	56	50	95	50	2,044	384	1,042	1,080	816	204	144,757
March	40	49	63	35	26	85	31	2,785	618	2,035	663	429	237	88,953
April	61	61	64	25	26	23	28	4,256	707	2,722	478	415	63	62,323
May	77	66	68	11	10	19	20	5,355	832	2,873	213	159	54	50,963
June	65	77	79	10	10	9	26	4,497	973	3,309	182	157	25	74,931
July	56	40	72	19	20	13	22	3,873	503	3,042	364	327	87	61,467
August	121	101	94	25	27	10	25	8,428	1,281	3,999	475	446	29	71,954
September	35	58	159	35	39	13	13	2,405	670	0,777	671	634	37	36,739
October	63	41	107	60	78	55	23	4,414	514	4,565	1,256	1,112	154	67,795
November	78	52	79	69	71	60	50	5,427	635	3,357	1,320	1,152	163	145,940
December	57	38	67	114	121	70	67	3,999	474	2,863	2,175	1,080	195	169,923
1922														
January	37	36	41	75	82	35	65	2,567	457	1,751	1,442	1,344	98	186,923
February	37	31	56	159	167	95	36	2,606	397	2,335	2,983	2,719	264	103,913
March	55	39	63	165	183	62	21	3,845	487	2,674	3,155	2,983	172	61,562
April	63	58	52	120	142	34	35	4,377	731	2,231	2,415	2,319	96	100,584
May	98	78	63	147	167	90	41	6,834	981	2,684	2,813	2,562	251	117,870
June	113	99	71	127	139	61	85	7,848	1,254	3,016	2,437	2,267	170	100,877
July	52	49	73	168	172	76	53	3,632	613	3,123	2,023	2,812	211	153,113
August	125	105	84	149	166	43	46	8,099	1,324	3,555	2,849	2,716	133	134,103
September	103	61	90	168	180	93	65	7,190	770	3,813	3,217	2,943	274	183,399
October	166	71	82	205	225	90	99	11,587	891	3,479	2,918	3,667	251	288,427
November	80	72	84	210	220	153	91	6,559	916	3,576	4,015	3,687	428	264,622
December	73	61	72	298	335	77	76	6,112	765	3,060	5,693	6,475	216	221,403
1923														
January	111	63	76	263	286	132	77	7,732	799	3,243	5,035	4,666	369	225,230
February	84	66	82	319	347	157	67	5,587	710	3,476	6,106	5,663	433	194,163
March	116	57	79	362	394	316	125	8,070	725	3,378	7,309	6,426	583	362,978
April	81	56	80	263	272	216	103	6,621	713	3,394	5,038	4,436	602	263,533
May	173	96	82	221	210	283	127	12,079	1,216	3,594	4,217	3,427	790	268,335
June	166	93	77	301	294	401	145	11,568	1,233	3,204	5,759	4,639	1,120	421,552
July	194	108	77	288	266	420	98	13,501	1,360	3,265	5,513	4,341	1,172	256,537
August	74	66	74	249	260	530	98	5,135	701	3,160	5,725	4,245	1,450	286,456
September	132	67	66	332	312	451	82	9,209	852	2,786	6,352	6,095	1,257	239,846
October	120	79	85	327	308	441	78	8,369	1,003	3,014	6,257	5,028	1,220	227,397
November	137	62	67	292	239	566	126	9,543	739	2,865	6,587	3,907	1,580	366,269
December	137	64	62	372	343	544	96	9,576	805	2,654	7,122	6,603	1,519	280,046
1924														
January	164	100	68	307	251	636	119	11,457	1,258	2,877	5,859	4,094	1,775	346,803
February	98	70	50	210	198	281	129	6,839	687	2,130	4,013	3,230	783	374,877
March	140	68	55	448	397	749	240	9,778	736	2,332	8,586	6,477	2,089	697,090
April	137	87	55	142	142	150	-----	9,510	1,105	2,333	2,721	2,315	406	-----
May	166	87	71	280	263	380	-----	11,539	1,098	3,016	5,363	4,302	1,061	-----
June	-----	-----	-----	242	215	403	-----	-----	-----	-----	4,636	3,512	1,124	-----
July	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Data compiled by the U. S. Treasury Department, Bureau of Internal Revenue, represent internal-revenue taxes collected under the revenue acts of 1918 and 1921. For taxes on automobiles and motor cycles ("including tires, inner tubes, parts, and accessories therefor, sold in connection therewith") the rate is 5 per cent and payable by the manufacturer. For taxes on automobile trucks and automobile wagons ("including tires, etc., sold on or in connection therewith") the rate is 3 per cent and payable by the manufacturer. For taxes on "automobile accessories and parts sold to any person other than a manufacturer (of automobiles)" the rate is 5 per cent and payable by the manufacturer.

² Six months' average, July to December, inclusive.

³ Canadian export data furnished by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

⁴ Nine months' average, April to December, inclusive.

Table 39.—AUTOMOBILES

(Index numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	PRODUCTION ¹			SHIPMENTS ¹			EXPORTS ¹					Regis- tration (Pacific coast).	
	Total	Passen- ger cars	Trucks	By rail- road	Driven away	By boat	Ratio of total ex- ports to produc- tion	Assembled			Foreign assembly		Accesso- ries and parts
								Total	Passen- ger cars	Trucks			
	Relative to 1919			Relative to 1920			Relative to 1919				Rel. to 1923		Relative to 1916
1913 mo. average.	25	28	7				131	22	39	6			15
1914 mo. average.	29	33	8				107	21	33	22			13
1915 mo. average.	45	49	23				171	77	62	142			39
1916 mo. average.	80	90	28				121	98	92	121			56
1917 mo. average.	65	105	41				102	97	98	83			74
1918 mo. average.	58	56	72				98	57	55	66			79
1919 mo. average.	100	100	100				100	100	100	100			100
1920 mo. average.	112	114	102				186	207	212	187			203
1921 mo. average.	85	93	47				55	46	46	48			92
1922 mo. average.	131	141	78				71	95	100	74			90
1923 mo. average.	203	219	119				90	184	189	160	100		139
1921													
January.....	29	120	18	31	8	2	367	107	104	120			272
February.....	46	140	30	48	19	2	112	52	45	84			97
March.....	87	168	51	78	25	2	43	38	36	47			87
April.....	118	161	69	96	36	34	38	45	44	47			90
May.....	119	152	69	89	39	51	36	43	44	36			90
June.....	100	130	54	97	48	84	33	35	35	32			62
July.....	107	124	42	93	40	79	36	37	40	26			55
August.....	110	124	51	99	39	77	33	38	40	29			50
September.....	96	103	63	91	35	63	40	39	39	36			72
October.....	90	63	50	85	33	47	45	42	42	46			76
November.....	71	45	40	63	27	30	50	36	37	33			72
December.....	48	34	33	59	19	4	95	46	47	39			70
1922													
January.....	55	69	36	73	10	3	74	42	43	36			58
February.....	74	79	51	94	26	4	69	51	55	35			80
March.....	105	111	76	133	43	12	69	73	80	45			101
April.....	134	143	86	150	57	63	79	106	115	68			111
May.....	156	168	91	160	73	158	74	116	122	93			89
June.....	178	190	100	158	78	168	74	130	140	86			115
July.....	150	163	84	139	72	150	62	93	100	63			80
August.....	167	181	94	157	94	213	64	107	110	97			76
September.....	126	136	74	126	77	173	83	104	105	100			91
October.....	148	158	83	130	90	162	71	105	115	61			89
November.....	144	156	83	130	70	108	62	88	94	62			93
December.....	139	151	77	130	68	28	88	123	120	136			96
1923													
January.....	148	162	75	169	77	15	71	107	108	104	* 102		125
February.....	168	184	84	173	111	19	90	153	158	131	* 102		129
March.....	216	231	134	215	161	40	90	194	211	120	* 102		132
April.....	233	250	144	220	164	107	98	226	239	172	107		161
May.....	240	254	166	217	189	273	90	219	223	201	129		157
June.....	230	244	166	193	151	287	90	211	221	164	117		130
July.....	199	215	116	156	119	216	107	216	211	239	102		142
August.....	210	228	117	183	117	214	69	146	150	127	99		125
September.....	199	216	108	172	103	180	86	170	187	94	91		149
October.....	222	243	114	202	97	163	83	185	187	179	100		139
November.....	190	206	106	182	84	137	105	200	194	225	79		124
December.....	184	199	105	167	70	85	95	176	180	169	68		150
1924													
January.....	192	208	110	222	106	22	117	224	225	219	105		173
February.....	223	244	118	250	109	9	98	218	238	131	129		198
March.....	233	252	129	261	106	11	102	237	251	179	99		244
April.....	227	244	137	230	96	88	119	269	283	213	128		245
May.....	190	202	127	170	83	177	131	248	247	211	145		157
June.....	149	158	106	124	64	155	119	179	181	169	134		185
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

See footnotes on opposite page.

Table 40.—AUTOMOBILES

[Base year in bold-faced type; index numbers on opposite page]

YEAR AND MONTH	PRODUCTION ¹			SHIPMENTS ²			EXPORTS ³					New car registrations (Pacific Coast) ⁴	
	Total	Passenger cars	Trucks	By rail-road	Driven away	By boat	Ratio of total exports to production	Assembled			Foreign assembly		Accessories and parts
								Total	Passenger cars	Trucks			
	Number of cars			Carloads	Number of cars		Per cent	Number of cars			Thous. of dollars		
1913 mo. average	40,410	38,458	1,958				5.5	2,241	2,157	81		\$523	
1914 mo. average	47,422	45,307	2,115				4.5	2,147	1,861	286		472	
1915 mo. average	74,385	68,218	6,167	16,048			7.2	5,330	3,493	1,841		1,389	
1916 mo. average	131,968	124,468	7,500	22,598			5.1	6,737	5,100	1,577		2,001	
1917 mo. average	155,740	146,066	10,680	22,462			4.3	6,687	5,480	1,207		2,035	
1918 mo. average	96,137	77,199	18,938	13,456			4.1	3,937	3,078	859		2,501	
1919 mo. average	164,502	158,188	26,314	23,726			4.2	6,894	5,595	1,299		3,547	
1920 mo. average	183,767	156,930	26,837	20,922	39,239	4,698	7.8	14,304	11,870	2,428		7,183	
1921 mo. average	140,205	127,933	12,272	16,290	12,037	1,859	2.3	3,202	2,679	623		3,255	
1922 mo. average	215,537	194,987	20,550	27,631	25,333	4,852	3.0	6,546	5,591	955		3,191	14,865
1923 mo. average	334,459	303,101	31,358	39,219	45,793	6,797	3.8	12,658	10,599	2,072	8,951	4,915	31,599
1921													
January	47,917	43,086	4,831	6,485	3,135	93	15.4	7,379	5,910	1,550		9,679	
February	75,918	68,088	7,830	9,980	7,507	99	4.7	3,587	2,492	1,095		3,427	
March	143,591	130,263	13,328	16,287	9,939	75	1.8	2,629	2,019	610		3,099	
April	194,509	176,459	18,070	20,187	14,197	1,619	1.9	3,078	2,469	609		3,196	
May	195,508	177,438	18,070	18,608	15,193	2,381	1.5	2,941	2,470	462		3,205	
June	164,501	150,263	14,238	20,209	15,834	3,947	1.4	2,332	1,964	415		2,212	
July	176,752	165,616	11,136	19,514	15,533	3,726	1.5	2,563	2,224	339		1,853	
August	181,166	167,756	13,400	20,768	15,218	3,595	1.4	2,613	2,237	381		1,787	
September	158,648	144,670	13,978	19,002	13,840	2,959	1.7	2,669	2,197	472		2,571	
October	147,923	134,774	13,149	17,803	12,971	2,226	2.0	2,924	2,329	595		2,702	
November	116,568	106,081	10,487	14,264	10,528	1,402	2.1	2,504	2,075	429		2,546	
December	79,383	70,727	8,656	12,310	7,501	188	4.0	3,187	2,948	311		2,684	
1922													
January	91,292	81,696	9,596	15,357	7,479	143	3.1	2,871	2,107	464		2,061	
February	122,531	109,171	13,360	19,630	10,173	190	2.9	3,550	3,045	454		2,838	18,149
March	172,998	152,962	20,036	27,753	16,917	560	2.9	5,001	4,471	530		4,597	15,445
April	219,889	197,224	22,665	31,334	22,331	2,960	3.3	7,317	6,114	879		3,043	17,259
May	256,582	232,462	24,120	38,416	28,827	7,406	3.1	8,001	6,798	1,201		3,190	23,100
June	289,407	263,053	26,354	34,230	33,857	7,737	3.1	8,939	7,818	1,121		4,090	21,808
July	247,186	225,103	22,083	29,116	28,100	7,030	2.6	6,422	5,690	822		2,825	21,164
August	274,209	249,498	24,711	32,817	30,708	10,104	2.7	7,495	6,143	1,262		2,679	20,930
September	207,206	187,711	19,495	26,335	30,177	8,118	3.5	7,157	5,862	1,295		3,227	19,454
October	230,406	217,582	21,924	27,100	35,203	7,605	3.0	7,237	6,146	791		3,166	19,132
November	237,329	215,362	21,967	27,232	27,376	5,070	2.6	6,079	5,276	803		3,304	20,501
December	228,410	208,016	20,394	27,244	26,743	1,307	3.7	8,511	6,790	1,771		3,417	13,549
1923													
January	243,551	223,822	19,729	35,423	30,072	728	3.0	7,392	6,040	1,352	9,037	4,421	
February	276,955	254,782	22,173	36,137	43,620	892	3.8	10,549	8,851	1,694	9,037	4,581	40,534
March	355,073	319,739	35,284	44,995	63,017	1,898	3.9	13,375	11,511	1,864	9,037	4,685	33,601
April	382,746	344,661	38,085	46,102	60,493	5,028	4.1	15,582	13,352	2,230	9,514	5,720	34,914
May	394,190	350,460	43,730	45,402	62,337	12,818	3.8	15,105	12,500	2,605	11,389	5,559	35,003
June	378,615	337,442	41,173	40,291	59,110	13,944	3.8	14,513	12,387	2,131	10,343	4,599	33,812
July	329,105	297,413	30,692	32,623	46,837	10,131	4.5	14,922	11,817	3,105	9,056	5,023	35,475
August	345,303	314,431	30,872	38,319	45,958	10,053	2.9	10,037	8,411	1,646	8,904	4,428	30,781
September	327,542	298,964	28,578	35,946	39,633	8,463	3.6	11,691	10,468	1,225	8,074	5,302	26,469
October	365,180	335,041	30,139	42,236	37,917	7,663	3.5	12,775	10,156	2,319	8,800	4,917	20,945
November	313,012	284,939	28,073	38,133	32,839	6,413	4.4	15,795	10,873	3,929	7,002	4,100	27,314
December	303,234	275,472	27,762	34,994	27,608	4,000	4.0	12,135	10,099	2,036	6,031	3,329	21,612
1924													
January	316,278	287,353	28,925	46,474	41,489	1,024	4.9	15,459	12,614	2,845	9,259	6,140	21,710
February	367,527	336,374	31,153	52,224	42,594	127	4.1	15,033	13,329	1,704	11,454	7,013	23,644
March	382,474	348,356	34,118	54,545	41,535	495	4.3	16,364	14,035	2,329	8,762	8,656	31,564
April	373,201	337,015	36,186	48,030	37,741	4,156	5.0	18,570	15,996	2,574	11,307	8,673	24,271
May	312,838	279,447	33,411	35,510	32,756	8,339	5.5	17,102	14,363	2,739	12,850	5,593	23,172
June	245,700	217,927	27,863	25,988	25,142	7,300	5.0	12,341	10,142	2,199	11,572	6,590	
July													
August													
September													
October													
November													
December													

¹ Monthly automobile production data beginning July, 1921, represent practically complete production, including total membership of the National Automobile Chamber of Commerce and reports to the Bureau of the Census from outside manufacturers. Annual figures through 1921 represent complete production as compiled by the National Automobile Chamber of Commerce. Monthly figures from January, 1920, through June, 1921, have been estimated by the Cleeland Trust Co. on the basis of shipments and are given in detail in the July, 1923, issue (No. 23) of the SURVEY OF CURRENT BUSINESS.

² Automobile shipments, reported by the National Automobile Chamber of Commerce, represent factory shipments for practically the entire industry.

³ Automobile exports compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

⁴ Interpolated from data giving total for the first quarter of the year.

⁵ Registrations of new automobiles in the States of Arizona, California, Idaho, Oregon, and Washington compiled by the Federal Reserve Bank of San Francisco.

Table 41.—RUBBER

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	AUTOMOBILE TIRES ¹											CRUDE RUBBER ²		
	Pneumatic tires			Inner tubes			Solid tires			Raw material consumed		Imports (including latex)	Wholesale price, Para Island, New York	Stocks in United Kingdom (end of month)
	Production	Stocks (end of month)	Shipments, domestic	Production	Stocks (end of month)	Shipments, domestic	Production	Stocks (end of month)	Shipments, domestic	Fabrics	Crude rubber			
	Relative to 1921											Relative to 1913	Relative to 1921	
1913 monthly av.....												100	100	
1914 monthly av.....	37			29								123	76	
1915 monthly av.....												191	69	
1916 monthly av.....												233	83	
1917 monthly av.....												350	80	
1918 monthly av.....												281	68	
1919 monthly av.....	150			123			343					462	60	
1920 monthly av.....												489	41	
1921 monthly av.....	100	100	100	100	100	100	100	100	100	100	100	358	23	100
1922 monthly av.....	141	116	128	141	132	133	185	84	131	138	152	582	23	102
1923 monthly av.....	156	133	144	166	160	158	161	106	128	147	171	597	31	86
1922														
January.....	113	99	84	104	115	82	114	79	76	115	118	559	24	100
February.....	115	111	82	115	134	74	112	79	84	100	103	691	20	100
March.....	146	123	109	134	153	91	140	79	110	141	149	665	20	98
April.....	132	130	110	117	158	102	132	75	119	129	135	449	21	101
May.....	150	131	138	132	157	128	163	74	138	152	162	370	22	103
June.....	156	120	164	139	135	173	187	74	144	151	165	529	21	105
July.....	136	115	141	136	124	158	202	76	137	144	157	589	21	105
August.....	160	110	159	169	114	184	238	82	158	164	188	563	22	105
September.....	138	109	131	155	113	155	234	87	152	130	157	459	21	103
October.....	147	111	136	168	120	149	242	93	162	150	172	770	24	100
November.....	150	118	125	171	136	134	243	102	140	135	160	563	27	100
December.....	146	109	154	151	125	167	218	106	147	142	161	778	28	106
1923														
January.....	172	111	157	175	128	164	236	114	138	164	191	826	34	107
February.....	177	124	136	179	148	131	213	117	144	177	191	625	38	102
March.....	213	135	174	216	169	167	226	115	175	203	232	717	36	92
April.....	195	144	156	189	184	154	202	113	165	187	214	719	34	86
May.....	201	164	145	191	203	149	219	116	153	192	266	830	31	80
June.....	163	167	131	159	195	166	205	123	119	151	179	820	31	75
July.....	110	154	133	116	162	172	120	114	103	102	119	462	30	73
August.....	130	144	147	158	152	188	136	114	104	122	137	443	29	71
September.....	112	128	138	144	141	161	105	108	105	99	119	268	30	79
October.....	130	116	148	171	151	157	105	102	109	126	135	409	27	85
November.....	132	111	129	153	147	149	77	77	99	119	129	361	25	87
December.....	134	103	137	146	138	153	90	64	127	125	138	600	25	87
1924														
January.....	177	114	146	172	147	152	195	66	85	175	211	508	25	83
February.....	180	125	147	180	161	145	155	70	98	171	187	731	24	82
March.....	159	137	152	187	179	149	173	75	114	179	206	481	21	80
April.....	182	146	153	179	189	154	168	80	104	183	208	681	21	79
May.....	167	150	141	166	192	155	142	82	107	178	198	644	21	74
June.....	145	146	140	155	179	168	107	76	105	150	174	519	20	
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹ Data furnished by the Rubber Association of America. The number of firms has increased from 36 in November, 1920, to a maximum of 68 in 1922. It is stated by the Rubber Association that this variation in the number of firms does not change the totals to any great degree, except for the omission of the Firestone Tire Company beginning in September, 1921.

² India-rubber imports, including latex, from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; wholesale prices, average weekly, from U. S. Department of Labor, Bureau of Labor Statistics; stocks in United Kingdom, aggregating stocks at wharves and warehouses in London and in six recognized public warehouses at Liverpool from the Rubber Growers' Association (British).

Table 42.—RUBBER

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	AUTOMOBILE TIRES ¹											CRUDE RUBBER ¹		
	Pneumatic tires			Inner tubes			Solid tires			Raw material consumed		Imports (including latex)	Wholesale price, Para Island, New York.	Stocks in United Kingdom (end of month)
	Production	Stocks (end of month)	Shipments, domestic	Production	Stocks (end of month)	Shipments, domestic	Production	Stocks (end of month)	Shipments, domestic	Fabrics	Crude rubber			
	Number									Pounds		Per pound	Long tons	
913 mo. av.												9,658,728	\$8.867	
914 mo. av.	668,443			658,946								11,922,097	.616	
915 mo. av.												18,456,827	.657	
916 mo. av.												22,507,617	.609	
917 mo. av.												33,803,190	.648	
918 mo. av.												27,163,276	.549	
919 mo. av.	2,736,292			2,771,284			121,234					41,661,702	.463	
920 mo. av.												47,212,178	.333	
921 mo. av.	1,818,315	4,213,334	1,905,616	2,258,517	4,568,067	2,297,297	35,354	230,862	43,960	6,696,317	17,921,039	34,606,109	.182	76,829
922 mo. av.	2,558,178	4,866,757	2,435,159	3,178,098	6,038,662	3,054,703	65,530	193,399	57,401	9,257,353	27,301,029	56,201,018	.183	78,296
923 mo. av.	2,828,661	5,620,702	2,748,503	3,757,237	7,306,411	3,629,580	56,997	245,719	56,463	9,861,486	30,604,389	57,694,886	.219	65,385
1922														
January.....	2,055,134	4,174,216	1,596,806	2,343,393	5,246,647	1,889,724	40,224	181,769	33,291	7,706,622	21,180,446	51,010,946	.193	76,539
February.....	2,084,308	4,691,329	1,562,365	2,596,774	6,141,956	1,702,583	39,492	183,418	36,805	6,701,973	18,466,916	66,744,240	.163	76,337
March.....	2,645,790	5,183,286	2,073,963	3,017,511	6,991,118	2,090,737	49,433	182,197	48,350	9,431,203	20,771,245	64,215,222	.161	75,332
April.....	2,401,187	5,464,336	2,086,651	2,650,573	7,230,096	2,329,343	46,664	173,718	52,309	8,023,915	24,125,450	43,407,359	.171	77,142
May.....	2,721,503	5,523,095	2,639,273	2,970,698	7,189,552	2,038,947	57,640	170,904	60,711	10,161,225	29,068,462	35,727,058	.176	79,148
June.....	2,838,890	5,042,147	3,133,260	3,130,029	6,186,534	3,973,679	66,089	169,808	63,408	10,119,500	29,654,834	50,952,024	.169	80,658
July.....	2,476,636	4,831,106	2,695,095	3,068,199	5,675,839	3,630,744	71,505	176,375	60,425	9,616,542	28,180,511	56,554,755	.172	80,412
August.....	2,905,209	4,620,392	3,029,823	3,808,224	5,207,228	4,230,055	84,313	189,695	69,435	11,065,868	33,738,981	54,332,275	.176	80,259
September.....	2,504,744	4,612,037	2,502,106	3,501,442	5,164,757	3,558,971	82,767	200,016	66,797	9,131,868	28,051,063	44,344,662	.171	79,124
October.....	2,674,662	4,682,958	2,583,770	3,787,758	5,488,033	3,420,690	85,480	213,942	71,275	10,064,943	30,893,542	74,315,183	.196	76,763
November.....	2,733,134	4,064,976	2,379,708	3,850,908	6,210,053	3,075,023	85,775	234,684	61,496	9,014,859	28,671,902	54,343,659	.219	76,757
December.....	2,656,942	4,599,208	2,934,079	3,411,074	5,732,125	3,825,949	77,221	244,061	64,570	9,600,735	28,809,000	75,164,624	.223	81,081
1923														
January.....	3,127,270	4,695,916	2,994,297	3,951,885	5,838,310	3,748,651	83,343	262,462	60,611	10,997,350	34,186,393	79,763,620	.272	82,144
February.....	3,217,987	5,224,337	2,588,639	4,039,202	6,771,953	3,001,697	75,457	270,191	63,394	11,833,502	34,235,455	60,379,290	.307	78,385
March.....	3,865,726	5,670,601	3,322,926	4,875,411	7,740,945	3,828,315	79,738	265,843	77,144	13,696,336	41,593,860	69,280,706	.290	70,649
April.....	3,539,326	6,038,272	2,976,100	4,259,558	8,394,181	3,335,635	71,468	260,631	72,609	12,509,303	38,347,754	69,446,775	.274	65,491
May.....	3,659,986	6,906,594	2,737,764	4,317,637	9,292,223	3,414,115	77,288	268,323	67,147	12,887,909	47,671,276	80,107,447	.219	60,918
June.....	2,956,943	7,040,600	2,492,185	3,590,011	8,924,326	3,581,060	72,445	283,425	52,126	10,085,479	32,002,518	79,188,711	.250	67,104
July.....	1,992,989	6,471,124	2,539,425	2,625,118	7,306,414	3,942,247	42,345	264,891	45,219	6,835,723	21,366,823	44,634,798	.239	55,987
August.....	2,355,915	6,058,387	2,807,432	3,577,922	6,950,578	4,304,034	48,141	262,810	45,925	8,177,906	24,597,092	42,741,430	.238	54,243
September.....	2,029,581	6,397,557	2,623,775	3,254,575	6,457,455	3,683,574	37,074	249,379	45,971	6,656,493	21,256,043	25,902,645	.246	60,697
October.....	2,361,310	4,876,352	2,819,583	3,855,244	6,898,425	3,595,737	37,285	231,945	48,065	8,431,188	24,113,698	38,473,412	.215	65,168
November.....	2,399,725	4,689,329	2,456,296	3,451,716	6,693,649	3,422,426	27,349	177,969	43,498	7,939,161	23,109,300	34,822,867	.204	66,566
December.....	2,437,148	4,329,300	2,603,617	3,288,665	6,318,446	3,497,472	31,979	148,761	55,851	8,387,476	24,772,456	66,596,926	.203	66,828
1924														
January.....	3,220,292	4,808,034	2,735,335	3,887,959	6,720,247	3,475,713	47,641	152,219	37,415	11,705,569	37,786,086	49,080,330	.199	63,812
February.....	3,278,674	5,265,133	2,801,000	4,067,631	7,339,307	3,329,504	54,764	160,796	42,930	11,446,609	33,465,966	70,588,695	.191	62,822
March.....	3,427,692	5,763,034	2,902,274	4,218,950	8,157,701	3,420,723	61,274	173,525	50,022	12,007,894	36,909,782	46,434,476	.171	61,554
April.....	3,307,478	6,164,226	2,920,153	4,035,242	8,627,343	3,520,774	59,423	181,642	45,695	12,284,741	37,237,841	85,042,981	.168	60,640
May.....	3,038,586	6,331,193	2,679,254	3,744,108	8,761,812	3,558,768	50,145	188,345	47,170	11,903,365	35,473,769	62,167,356	.173	56,811
June.....	2,629,742	6,155,537	2,663,212	3,493,431	8,166,158	3,858,193	37,865	176,280	46,372	10,066,963	31,259,138	50,152,123	.164	
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹Computed from census data for the year indicated. The figures are not directly comparable but are given here to show the production of automobile tires as ascertained from the census of manufactures for the years 1914 and 1919.

²Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

Table 43.—HIDES AND LEATHER—PRODUCTION AND STOCKS

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	STOCKS OF HIDES AND SKINS ¹				SOLE AND BELTING LEATHER ¹			UPPER LEATHER ¹			SOLE LEATH-ER	SKIY-ERS	OAK AND UNION HAR-NESS ¹	BOOTS AND SHOES ¹	SALES OF BELTING ¹		
	Cattle hides	Calf and kip skins	Sheep and lamb skins ²	Total hides and skins	Stocks, end of month	Stocks, in process of tanning	Production of finished leather	Stocks, end of month	Stocks in process of tanning	Production of finished leather	Production ³	Production	Production	Quantity	Value		
																Relative to 1921	
	Relative to 1921																Relative to 1919
Relative to 1921																Relative to 1919	
1915 mo. av.															106	66	
1916 mo. av.															119	86	
1917 mo. av.															104	88	
1918 mo. av.											88	⁴ 107	⁴ 214		108	99	
1919 mo. av.											100	100	100	100	100	100	
1920 mo. av.	² 100	² 108	² 97	² 101	² 83	² 103	² 93	² 95	² 87	² 73	82	88	102	98	122		
1921 mo. av.	100	100	100	100	100	100	100	100	100	100	80	111	59	86	42	40	
1922 mo. av.	81	89	83	82	96	91	96	101	102	126	79	164	110	98	61	53	
1923 mo. av.	85	80	68	83	89	96	107	92	97	135	83	256	142	108	63	61	
1922																	
January.....	86	82	93	86	103	95	107	100	109	129	90	126	63	91	43	37	
February.....	82	78	99	82	106	93	94	102	111	121	79	113	68	89	44	38	
March.....	81	79	91	81	103	90	99	106	107	134	82	129	82	106	53	46	
April.....	79	80	90	80	103	90	87	113	104	115	72	107	99	97	53	45	
May.....	77	86	85	79	102	90	88	107	100	116	72	107	95	95	53	47	
June.....	77	92	83	79	99	89	92	103	97	113	75	112	101	90	62	53	
July.....	77	92	73	79	96	88	92	102	99	108	74	² 108	² 97	82	69	57	
August.....	77	93	86	79	92	88	89	96	101	131	80	131	109	100	83	71	
September.....	79	96	80	81	90	88	98	98	100	126	79	146	110	102	67	66	
October.....	83	97	80	84	88	90	102	98	96	141	83	148	112	110	70	63	
November.....	87	103	71	88	87	90	100	95	99	141	79	145	113	109	66	61	
December.....	90	96	69	89	87	96	100	93	96	134	79	142	110	101	64	58	
1923																	
January.....	91	72	70	87	87	96	110	93	98	145	88	157	121	111	73	68	
February.....	97	83	69	93	85	100	99	92	100	135	77	159	117	110	62	60	
March.....	97	82	65	92	84	100	116	92	98	153	91	181	123	130	73	71	
April.....	88	85	70	87	85	100	113	93	100	140	90	166	112	115	70	68	
May.....	90	90	70	88	86	101	116	94	99	142	89	170	115	112	72	69	
June.....	86	92	75	86	83	101	113	93	95	136	87	162	111	102	62	61	
July.....	84	89	73	83	89	101	114	92	98	126	88	138	107	92	65	64	
August.....	80	84	69	80	91	98	120	91	96	134	92	168	113	100	66	65	
September.....	79	73	70	77	91	96	98	89	97	123	75	165	114	100	59	57	
October.....	77	69	68	76	93	90	103	90	95	134	81	175	123	111	63	61	
November.....	75	70	59	73	93	88	92	90	92	124	73	186	113	98	49	47	
December.....	75	66	56	73	93	86	88	91	91	124	69	158	99	82	45	41	
1924																	
January.....	75	57	48	70	89	84	93	92	91	132	73	150	108	96	62	55	
February.....	74	54	45	69	88	81	85	90	89	128	65	129	104	97	59	52	
March.....	72	56	47	68	85	79	84	92	88	123	65	147	112	105	61	54	
April.....	65	43	44	61	82	79	82	90	83	109	63	151	103	101	52	47	
May.....	64	48	40	60	81	78	81	89	81	114	61	136	93	91	47	41	
June.....	61	51	48	59	78	78	79	90	77	93	59	118	64	81	41	37	
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

See footnotes on opposite page also.

¹ Based on figures compiled by the U. S. Department of Commerce, Bureau of the Census. The data embrace returns from packers, tanners, dealers, importers, and manufacturers. As given in the detailed monthly reports, which can be obtained upon request from the Bureau of the Census, the returns for hides and skins are expressed in numbers of hides and skins. For the above summary these have been reduced to pounds on the basis of the average weights of each class. Similarly data on leather have been converted to pounds or square feet from reports in skins, sides, backs, butts, pounds, etc.

² Prior to July, 1922, these figures were compiled by the Tanners' Council. Since July, 1922, they have been compiled by the Bureau of the Census and for skiver and harness production represent returns from a much larger number of firms than reported to the Tanners' Council. Hence the figures from July, 1922, on are not directly comparable with those for preceding months. The relative numbers for these items for the months after July, 1922, have been computed by chain relatives and take account of the percentage variation rather than the absolute variation, in the figures. These relative numbers show the trend of the industries irrespective of the change in the number of firms reporting.

Table 44.—HIDES AND LEATHER—PRODUCTION AND STOCKS

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	STOCKS OF HIDES AND SKINS ¹				SOLE AND BELTING LEATHER ¹			UPPER LEATHER ¹			SOLE LEATHER	SKIVERS	OAK AND UNION HARNESSES ¹	ROOTS AND SHOES ¹	SALES OF BELTING ¹	
	Cattle hides	Calf and kip skins	Sheep and lamb skins ²	Total hides and skins	Stocks, end of month	Stocks in process of tanning	Production of finished leather	Stocks, end of month	Stocks in process of tanning	Production of finished leather					Production ¹			Production	Quantity	Value
											Thousands of pounds	Thousands of square feet			Thous. of pairs	Pounds	Thous. of dol.
											Backs, bends, and sides	Dozens	Stuffed sides			
15 mo. av.																
16 mo. av.																
17 mo. av.																
18 mo. av.																
19 mo. av.																
20 mo. av.	340,339	63,139	32,016	435,477	161,573	114,810	23,743	400,906	142,136	42,344	1,535,200	13,274	90,974		694,899	1,662
21 mo. av.	339,548	58,414	32,935	430,897	193,528	111,217	25,557	423,021	164,216	57,986	1,499,225	16,653	56,268	23,793	300,000	518
22 mo. av.	275,293	52,281	27,452	355,025	186,434	100,679	24,557	428,169	166,770	72,963	1,477,586	24,642	104,976	26,990	430,614	721
23 mo. av.	288,589	46,485	22,319	357,392	171,631	107,144	27,411	387,376	158,852	78,010	1,661,015	28,462	135,621	29,260	449,109	833
1922																
January	290,331	48,005	30,703	369,039	199,324	105,712	27,456	422,318	179,574	74,663	1,692,840	18,950	59,815	25,120	362,904	510
February	277,160	45,362	32,612	355,134	204,471	103,311	24,200	431,704	181,885	70,296	1,477,597	17,021	65,067	24,551	314,054	524
March	274,082	46,416	29,852	350,350	200,072	99,504	25,275	449,915	175,300	77,510	1,539,032	19,451	78,100	29,350	373,610	625
April	269,828	46,858	29,591	346,277	199,177	100,258	22,416	477,700	170,179	66,700	1,356,016	16,065	94,598	28,852	373,116	615
May	261,935	50,187	27,855	339,977	196,639	99,609	22,576	452,651	164,434	67,275	1,357,147	10,099	90,813	26,227	358,656	636
June	260,278	53,721	27,428	341,427	192,151	99,295	23,640	437,151	159,099	65,570	1,407,583	16,815	95,953	24,831	441,812	721
July	261,069	53,828	24,155	339,052	185,927	97,549	23,554	432,185	162,337	62,807	1,397,694	25,238	115,561	22,686	457,409	750
August	259,982	54,282	28,236	342,500	177,672	97,873	22,822	407,794	165,277	76,067	1,509,364	30,629	130,103	27,678	590,618	967
September	267,232	56,229	26,187	349,648	174,682	97,555	25,266	413,250	164,191	73,170	1,400,938	34,046	131,265	23,288	475,260	797
October	281,073	56,410	26,403	363,886	169,356	100,324	26,158	415,334	158,126	81,875	1,550,796	31,594	133,146	30,366	499,943	862
November	294,070	60,096	23,522	378,588	168,771	100,590	25,644	402,669	162,545	81,774	1,482,074	33,797	134,590	30,076	467,816	825
December	305,570	55,975	22,878	384,423	168,967	106,481	25,650	395,450	157,696	77,948	1,473,652	32,993	130,706	27,853	451,957	785
1923																
January	309,964	42,164	22,971	375,099	168,012	106,960	28,256	392,951	160,941	84,021	1,650,093	36,416	144,213	30,744	517,636	928
February	330,260	48,259	22,646	401,165	164,270	111,239	25,496	390,357	164,878	78,209	1,449,040	36,918	139,365	30,301	411,563	822
March	328,588	48,120	21,274	397,982	163,061	111,261	29,606	388,070	161,687	88,721	1,693,783	42,139	145,243	35,836	520,379	972
April	300,392	49,444	23,187	373,023	164,851	111,084	28,998	391,665	164,116	80,936	1,680,810	38,706	132,801	31,898	495,315	923
May	305,218	52,637	22,984	380,839	165,862	111,963	29,772	395,060	161,846	82,164	1,674,024	39,693	136,180	30,926	512,573	947
June	292,149	53,533	24,789	370,471	169,348	111,861	28,991	393,405	156,773	79,034	1,629,810	37,636	131,736	28,273	442,912	834
July	283,682	52,021	23,934	359,636	173,124	112,101	29,231	391,058	160,555	72,894	1,646,592	32,129	126,718	25,256	460,850	877
August	271,960	48,873	22,691	343,524	175,441	108,806	30,802	385,494	157,975	77,746	1,718,317	39,038	134,291	30,028	466,258	881
September	268,025	42,792	23,008	333,825	173,770	106,916	25,200	375,613	159,749	71,234	1,410,729	38,403	135,836	27,555	416,510	784
October	262,915	40,241	22,247	325,402	180,176	99,573	26,404	378,948	155,972	77,910	1,511,287	40,604	147,130	30,705	447,264	827
November	254,138	41,103	19,591	314,832	179,292	98,038	23,518	380,133	151,879	71,651	1,366,788	43,073	135,425	26,916	347,202	612
December	255,772	38,632	18,501	312,905	179,364	96,201	22,458	385,160	149,849	71,702	1,295,907	36,563	118,515	22,676	320,547	558
1924																
January	253,454	33,473	15,872	302,899	172,898	92,907	23,810	387,500	149,400	76,340	1,373,255	34,597	129,736	26,497	441,266	757
February	250,823	31,788	14,656	297,267	171,247	90,065	21,906	381,722	146,095	74,009	1,217,670	29,863	124,804	26,832	417,819	711
March	244,553	32,636	15,481	292,670	165,214	87,622	21,475	387,697	144,156	71,512	1,212,650	34,164	134,233	28,864	434,494	739
April	223,239	25,314	14,380	262,933	158,676	88,312	21,164	379,357	136,502	62,933	1,173,448	35,171	123,030	27,004	372,423	644
May	215,981	28,140	15,085	259,206	156,366	86,467	20,808	378,110	132,561	65,913	1,142,447	31,536	110,627	25,240	336,268	593
June	207,609	29,695	15,803	253,107	151,399	87,204	20,261	381,085	126,666	53,866	1,099,730	27,392	76,274	22,404	288,497	503
July																
August																
September																
October																
November																
December																

See footnotes on opposite page also.

Beginning December, 1919, these statistics cover amount of harness leather "stuffed" rather than that produced, but it is stated that the variation between these is small.

Includes estimated production of firms outside *Tanners' Council*.

Data on sales of oak leather belting from the *Leather Belting Exchange*, and are estimated to represent from 65 to 75 per cent of the industry.

Includes skins with and without wool, but does not include weight of wool.

Compiled by U. S. Department of Commerce, Bureau of the Census, from over 1,000 firms each month. Figures for the years 1919 and 1921 are those reported by the manufacturers for those years. Production in 1914 totaled 252,516,603 pairs, or an average of 21,043,000 pairs per month.

Four months' average, September to December, inclusive.

Table 45.—HIDES AND LEATHER—TRADE AND PRICES

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	EXPORTS OF LEATHER ¹			IMPORTS OF HIDES AND SKINS ¹					WHOLESALE PRICES ²						
	Sole	Upper ³	Total boots and shoes	Total hides and skins	Calf-skins	Cattle hides	Goat-skins	Sheep-skins	Hides		Leather		Boots and shoes		
									Green salted, packers' heavy native steers (Chicago)	Calf-skins, country No. 1 (Chicago)	Sole, oak, scoured, backs, (Boston)	Chrome calf, "B" grades (Boston)	Men's black calf, blucher (Boston)	Men's dress welt tan calf (St. Louis)	Women's black kid, Good-year welt (St. Louis)
	Relative to 1913			Relative to 1900-1913 average ⁴					Relative to 1913						
1900-1913, monthly av.				100	100	100	100	100	100	100	100	100	100	100	100
1913 monthly average..	100	100	100	97	94	97	91	107	100	100	100	100	100	100	100
1914 monthly average..	166	77	98	108	82	134	55	104	107	111	105	104	102	104	100
1915 monthly average..	259	101	168	126	60	178	81	118	132	114	112	106	105	106	100
1916 monthly average..	289	120	193	141	77	176	106	160	142	179	143	167	119	127	115
1917 monthly average..	140	70	147	123	36	161	90	132	178	215	185	215	163	180	180
1918 monthly average..	86	44	131	70	9	96	63	83	164	197	177	222	181	178	146
1919 monthly average..	392	192	211	145	79	177	136	134	214	363	204	360	244	245	220
1920 monthly average..	72	82	167	99	43	120	82	130	172	195	191	366	288	257	255
1921 monthly average..	46	40	89	68	59	78	64	72	76	79	122	193	225	195	169
1922 monthly average..	50	76	84	107	68	141	82	97	98	85	116	164	209	180	147
1923 monthly average..	56	70	73	103	60	127	87	120	90	83	114	163	207	153	142
1922															
January.....	38	50	38	65	33	83	67	61	90	73	117	173	217	153	158
February.....	40	63	46	82	44	122	68	43	87	73	117	173	217	153	158
March.....	55	91	54	71	29	78	84	85	76	72	117	158	213	153	168
April.....	41	74	55	75	25	85	106	71	73	69	111	154	209	145	140
May.....	94	90	61	89	39	104	88	121	79	71	111	154	209	145	138
June.....	71	91	54	105	63	138	92	100	91	81	115	158	209	145	138
July.....	85	76	46	93	53	125	89	28	99	99	115	161	209	145	138
August.....	41	73	62	140	91	194	68	167	109	97	115	161	209	145	138
September.....	33	73	60	118	98	158	53	135	116	97	117	173	205	152	141
October.....	33	74	63	161	145	209	116	125	123	104	119	173	204	153	141
November.....	24	86	60	149	99	211	90	119	124	100	117	167	204	153	142
December.....	44	72	63	140	96	188	96	110	111	85	117	167	204	153	142
1923															
January.....	36	70	57	138	67	173	108	178	109	86	117	(⁵)	210	153	142
February.....	60	66	65	114	49	169	71	125	108	88	117	(⁵)	210	153	142
March.....	64	80	73	120	46	148	105	153	105	87	120	(⁵)	209	153	142
April.....	41	83	90	147	62	209	83	155	102	88	120	(⁵)	209	153	142
May.....	66	70	94	140	72	183	119	146	101	90	120	163	209	153	142
June.....	72	75	81	134	98	169	121	138	89	81	120	163	209	153	142
July.....	61	73	74	125	76	153	127	126	79	79	120	163	209	153	142
August.....	44	59	62	67	51	67	71	104	80	78	115	163	209	153	142
September.....	45	69	69	61	44	63	58	87	77	81	109	163	202	153	142
October.....	42	64	68	67	62	71	61	83	84	83	104	163	201	153	142
November.....	88	63	75	63	45	75	60	71	77	79	101	163	201	153	142
December.....	44	69	63	64	43	62	72	77	74	80	95	163	201	153	142
1924															
January.....	52	61	45	52	38	55	40	76	78	83	98	163	201	153	142
February.....	65	67	60	68	54	68	62	102	86	96	98	163	201	153	142
March.....	52	80	62	72	48	82	61	101	76	100	103	171	201	153	142
April.....	85	104	68	82	44	91	75	131	66	85	103	171	201	153	142
May.....	87	104	90	74	50	83	73	94	65	88	103	171	201	153	142
June.....	60	78	61	58	42	49	53	115	68	91	95	160	201	153	142
July.....															
August.....															
September.....															
October.....															
November.....															
December.....															

See footnotes on opposite page also.

¹ Data from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.² Data from U. S. Department of Labor, Bureau of Labor Statistics, representing average monthly prices.³ Includes calf and kip, goat and kid, grain and finished splits.

Table 46.—HIDES AND LEATHER—TRADE AND PRICES

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	EXPORTS OF LEATHER ¹			IMPORTS OF HIDES AND SKINS ¹					WHOLESALE PRICES ¹								
	Sole	Upper ²	Total boots and shoes	Total hides and skins	Calf-skins	Cattle hides	Goat skins	Sheep skins	Hides		Leather		Boots and shoes				
									Green, salted, packers' heavy native steers (Chicago)	Calf-skins, country No. 1 (Chicago)	Sole oak, scoured backs (Boston)	Chrome calf, "B" grades (Boston)	Men's black calf, Blucher (Boston)	Men's dress welt tan calf (St. Louis)	Women's black kid, Good-year welt (St. Louis)		
	Thousands of pounds	Thousands of sq. ft.	Thousands of pairs	Thousands of pounds					Dollars per pound		Dollars per sq. ft.	Dollars per pair					
09-1913, monthly average				42,854	6,815	19,160	8,199	5,289									
13 monthly average	2,605	8,845	842	41,400	6,372	18,629	7,473	5,684	\$0.184	\$0.199	\$0.444	\$0.270	\$3.11	\$3.17	\$3.00		
14 monthly average	4,310	6,834	827	46,350	5,576	25,671	6,321	6,495	.196	.210	.471	.260	3.17	3.28	3.00		
15 monthly average	6,751	8,967	1,412	53,856	4,076	34,053	6,607	6,257	.242	.215	.501	.285	3.25	3.35	3.00		
16 monthly average	7,540	10,623	1,623	60,526	5,221	33,683	8,656	8,461	.262	.338	.639	.450	3.71	4.01	3.44		
17 monthly average	3,657	6,175	1,237	52,589	2,465	30,800	7,409	6,999	.327	.406	.831	.579	4.75	5.68	4.50		
18 monthly average	2,229	3,908	1,100	30,158	632	18,421	5,197	4,372	.301	.371	.796	.508	5.63	5.65	4.38		
19 monthly average	10,222	17,023	1,780	62,070	5,380	33,040	11,138	7,086	.393	.685	.913	.970	7.60	7.77	6.00		
20 monthly average	1,869	7,288	1,403	42,499	2,928	22,922	6,684	6,896	.312	.368	.855	.985	8.95	8.14	7.66		
21 monthly average	1,198	3,559	747	29,003	3,995	15,015	5,260	3,822	.139	.149	.547	.321	7.00	5.18	5.06		
22 monthly average	1,300	6,744	451	45,938	4,639	27,035	6,745	5,136	.181	.160	.519	.443	6.51	4.74	4.42		
23 monthly average	1,459	6,187	612	44,315	4,058	24,315	7,152	6,353	.166	.157	.508	.440	6.43	4.85	4.25		
1922																	
January	986	4,403	322	27,833	2,272	15,934	5,530	3,213	.165	.128	.525	.465	6.75	4.85	4.75		
February	1,036	5,595	390	35,190	3,013	23,286	5,563	2,294	.160	.128	.525	.465	6.75	4.85	4.75		
March	1,435	8,078	455	30,344	1,971	14,908	6,908	4,517	.139	.135	.525	.425	6.62	4.85	5.75		
April	1,070	6,578	463	31,935	1,702	16,348	8,708	3,780	.134	.131	.500	.415	6.50	4.60	4.19		
May	2,450	7,961	515	38,118	2,624	19,907	7,228	6,375	.146	.134	.500	.415	6.50	4.60	4.15		
June	1,845	8,046	454	45,133	4,268	26,491	7,508	5,297	.168	.152	.515	.425	6.50	4.60	4.15		
July	2,210	6,731	389	39,742	3,616	23,960	4,801	1,465	.182	.180	.515	.435	6.50	4.60	4.15		
August	1,064	6,478	434	59,881	6,229	37,192	5,540	8,841	.201	.182	.515	.435	6.50	4.60	4.15		
September	858	6,438	421	50,587	6,689	30,220	4,369	7,144	.213	.183	.525	.465	6.40	4.81	4.23		
October	860	6,584	529	68,892	6,870	40,087	9,514	6,625	.227	.197	.535	.465	6.35	4.85	4.25		
November	635	7,628	504	63,650	6,764	40,439	7,408	6,268	.228	.189	.525	.450	6.35	4.85	4.25		
December	1,186	6,391	533	59,951	6,547	35,647	7,858	5,817	.204	.160	.525	.450	6.35	4.85	4.25		
1923																	
January	932	7,021	478	59,327	4,596	33,126	8,854	9,397	.200	.163	.525	(³)	6.55	4.85	4.25		
February	1,796	4,992	548	49,033	3,332	30,535	5,832	6,608	.199	.167	.525	(³)	6.55	4.85	4.25		
March	1,677	7,049	616	51,414	3,144	28,361	8,639	8,076	.193	.165	.540	(³)	6.60	4.85	4.25		
April	1,071	7,341	759	63,200	4,234	40,024	6,839	8,182	.188	.166	.540	(³)	6.50	4.85	4.25		
May	1,710	6,174	788	60,151	4,890	35,150	9,783	7,709	.187	.171	.540	.440	6.50	4.85	4.25		
June	1,876	6,631	681	57,231	6,688	30,377	9,933	7,323	.163	.183	.540	.440	6.50	4.85	4.25		
July	1,598	6,466	627	53,515	5,212	29,384	10,382	6,643	.146	.149	.540	.440	6.50	4.85	4.25		
August	1,146	5,177	528	28,868	3,472	12,763	5,782	5,512	.147	.147	.515	.400	6.50	4.85	4.25		
September	1,179	6,086	585	25,950	2,977	12,157	4,755	4,595	.141	.152	.490	.440	6.28	4.85	4.25		
October	1,085	5,657	573	28,596	4,202	13,582	4,992	4,391	.154	.156	.465	.440	6.25	4.85	4.25		
November	2,292	5,529	628	26,869	3,035	14,350	4,120	3,740	.141	.148	.455	.440	6.25	4.85	4.25		
December	1,148	6,116	532	27,630	2,910	11,966	5,912	4,060	.136	.150	.425	.410	6.25	4.85	4.25		
1924																	
January	1,350	5,429	381	22,486	2,610	10,528	3,291	4,000	.143	.158	.440	.440	6.25	4.85	4.25		
February	1,695	5,958	504	29,049	3,655	13,048	5,113	4,370	.158	.152	.440	.440	6.25	4.85	3.85		
March	1,361	7,110	526	30,713	3,301	15,756	5,022	6,336	.139	.188	.460	.460	6.25	4.85	3.85		
April	2,205	9,160	571	35,009	2,987	17,493	6,144	6,904	.122	.161	.460	.460	6.25	4.85	3.85		
May	2,261	9,165	754	31,759	3,399	15,090	5,992	4,993	.119	.165	.460	.460	6.25	4.85	3.85		
June	1,551	6,880	512	24,997	2,838	9,451	4,372	6,068	.125	.171	.425	.430	6.25	4.85	3.85		
July																	
August																	
September																	
October																	
November																	
December																	

[See footnotes on opposite page also.]

¹Imports of calf skins and cattle hides based on four-year average, 1910-1913.²Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.³No quotation.

Table 47.—NEWSPRINT PAPER AND PRINTING¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	NEWSPRINT PAPER								PRINT- ING	BOOK PUBLICATION		SALES BOOKS
	Produc- tion	Con- sump- tion	Ship- ments	Stocks, end of month			Imports	Exports	Total activity	Ameri- can manu- facture	Im- ported books	Ship- ments
				At mills	At pub- lishers	In transit to pub- lishers						
	Relative to 1919							Relative to 1913		Rel. to Sept., 1920	Relative to 1913		Rel. to 1919
1913 monthly average.....							100	100		100	100	
1914 monthly average.....							144	141		94	116	
1915 monthly average.....							168	128		76	95	
1916 monthly average.....				163			213	178		90	66	
1917 monthly average.....	99		99	133	80		254	217		89	63	
1918 monthly average.....	92	78	92	100	99	100	271	224		85	36	
1919 monthly average.....	100	100	100	100	100	100	286	255		80	33	100
1920 monthly average.....	110	105	109	97	93	127	332	106		76	39	113
1921 monthly average.....	89	104	89	125	122	69	360	39	78	71	55	84
1922 monthly average.....	105	120	105	95	110	89	468	60	88	74	56	102
1923 monthly average.....	108	107	107	93	115	100	595	38	91	77	54	117
1922												
January.....	82	110	90	111	105	71	450	70	90	69	38	92
February.....	85	105	84	116	112	66	450	23	85	64	54	91
March.....	103	119	102	118	108	67	426	78	91	78	54	99
April.....	98	124	100	104	98	74	422	93	88	74	68	89
May.....	113	123	113	104	97	87	444	72	95	43	22	96
June.....	111	118	112	98	107	75	460	81	88	72	43	109
July.....	105	112	107	88	110	83	439	59	76	66	55	87
August.....	116	111	117	83	125	100	446	54	87	51	60	120
September.....	109	122	110	79	125	103	363	64	85	80	105	103
October.....	114	135	113	83	116	115	644	31	94	91	60	116
November.....	112	133	111	82	114	123	536	36	94	90	60	113
December.....	104	128	104	80	107	110	538	57	88	113	73	112
1923												
January.....	111	124	108	96	111	124	534	30	97	68	39	116
February.....	100	116	100	97	111	134	489	33	94	78	43	108
March.....	113	134	115	84	107	133	613	55	97	101	42	127
April.....	102	138	103	79	107	121	610	41	99	64	45	111
May.....	121	134	119	87	114	124	629	42	96	73	43	115
June.....	117	93	115	82	103	88	576	46	83	86	60	115
July.....	110	85	108	89	112	78	563	27	77	48	47	99
August.....	116	88	112	107	130	91	633	28	84	60	40	124
September.....	96	88	98	103	126	83	601	33	81	90	81	118
October.....	107	98	109	92	125	77	625	31	97	95	67	128
November.....	105	94	102	100	121	83	592	36	90	88	58	121
December.....	103	97	102	99	120	64	630	52	91	72	89	117
1924												
January.....	113	92	108	120	120	98	587	47	97	56	86	114
February.....	103	92	102	127	119	97	564	39	94	65	69	118
March.....	104	102	103	129	113	77	665	36	96	81	89	116
April.....	112	102	111	132	107	76	611	44	100	70	63	107
May.....	117	102	114	144	107	79	618	39	94	80	63	105
June.....	105		106	140			636	52		61	57	119
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Data on production, shipments, and mill stocks of newsprint prior to May, 1923, from the *Federal Trade Commission*; since then production, shipments, and mill stocks have been taken from the *Newsprint Service Bureau*, covering almost the entire industry; consumption, publishers' stocks, and stocks in transit, compiled by the *Federal Trade Commission* through May, 1923, have been compiled since then by the *American Newspaper Publishers' Association* from the reports of about 450 publishers who were included in the 600 reporting to the *Federal Trade Commission* and had on hand on May 31, 1923, a total of 143,407 tons of paper as against 176,347 tons held by those reporting to the *Federal Trade Commission* on that date; reports for January and February, 1924, include 440 publishers; imports and exports from the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*; printing activity from *United Typothetæ of America*; book publication from the *Publishers' Weekly*; shipments of sales books from the *Sales Book Manufacturers' Association*.

Table 48.—NEWSPRINT PAPER AND PRINTING ¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	NEWSPRINT PAPER								BOOK PUBLICATION		SALES BOOKS
	Production	Consumption	Shipments	Stocks, end of month			Imports ²	Exports	American manufacture ³	Imported books ⁴	Shipments
				At mills	At publishers	In transit to publishers					
	Short tons								Number of editions	Thousands of books	
1913 monthly average.....							18,329	3,601	614	206	
1914 monthly average.....							20,290	5,066	763	238	
1915 monthly average.....							30,701	4,697	616	195	
1916 monthly average.....				38,998			39,019	6,395	733	136	
1917 monthly average.....	113,251		113,858	31,713	124,789		46,593	7,822	728	110	
1918 monthly average.....	105,024	110,248	106,049	24,035	154,952	41,155	49,659	8,062	695	75	
1919 monthly average.....	114,543	142,091	114,880	23,929	155,185	40,983	62,311	9,169	648	67	9,850
1920 monthly average.....	125,997	148,760	125,215	23,324	144,712	52,006	60,822	3,822	621	81	11,118
1921 monthly average.....	102,103	147,957	103,172	20,040	188,707	28,211	66,040	1,403	581	113	8,264
1922 monthly average.....	120,641	170,738	121,035	22,837	171,121	36,657	85,772	2,153	604	116	10,083
1923 monthly average.....	124,067	152,671	123,359	22,235	179,097	40,991	109,056	1,364	626	113	11,458
1922											
January.....	105,808	156,333	103,192	26,550	163,496	28,920	82,482	2,537	564	79	9,036
February.....	97,786	140,862	96,521	27,815	173,512	27,083	82,390	636	521	112	9,012
March.....	117,507	169,574	117,142	28,180	167,498	27,406	78,031	2,791	635	111	9,775
April.....	111,861	176,801	115,167	24,874	151,643	30,242	77,369	3,345	606	119	8,728
May.....	129,950	174,670	130,043	24,781	150,443	35,776	81,352	2,576	346	46	9,488
June.....	127,230	168,207	128,644	23,367	166,385	30,646	84,337	2,903	265	68	10,775
July.....	120,839	159,496	123,050	21,156	171,410	34,117	80,337	2,139	538	113	8,607
August.....	133,236	157,655	134,490	19,902	193,623	40,944	81,780	1,940	415	103	11,826
September.....	125,402	172,802	126,494	18,810	193,812	42,046	*66,570	2,299	650	217	10,100
October.....	130,682	192,431	129,749	19,745	179,279	46,965	118,010	1,131	742	124	11,419
November.....	127,983	188,647	128,077	19,651	176,208	50,552	98,115	1,280	732	123	11,170
December.....	119,404	182,374	119,847	19,208	166,143	45,182	98,494	2,059	918	151	11,065
1923											
January.....	127,452	175,552	123,656	23,004	172,319	50,884	106,968	1,064	551	81	11,475
February.....	114,611	165,148	114,415	23,197	171,807	55,051	89,495	1,194	638	88	10,569
March.....	129,294	190,547	132,292	20,180	165,708	54,368	112,340	1,989	823	87	12,510
April.....	116,719	195,510	118,023	18,876	165,455	49,686	111,712	1,475	619	92	10,960
May.....	138,868	190,558	136,979	20,832	176,347	50,905	115,143	1,496	596	88	11,333
June.....	133,692	131,986	132,311	19,514	159,278	36,181	105,530	1,652	701	124	11,329
July.....	125,768	120,970	124,322	21,237	173,984	31,765	103,130	980	387	97	9,703
August.....	132,604	125,191	129,173	25,674	201,574	37,389	115,909	999	491	83	12,238
September.....	110,209	125,022	110,240	24,663	195,060	33,662	110,134	1,194	736	166	11,665
October.....	122,073	139,696	124,894	21,934	193,791	31,549	114,424	1,124	775	139	12,634
November.....	119,720	134,101	117,176	24,040	187,320	33,857	108,363	1,312	714	119	11,912
December.....	117,790	137,771	116,826	23,669	186,526	26,392	116,503	1,890	684	164	11,500
1924											
January.....	129,685	131,310	124,138	28,631	186,598	40,000	107,594	1,682	456	178	11,258
February.....	118,364	131,401	116,632	30,314	184,286	39,608	103,337	1,407	629	142	11,661
March.....	110,098	144,504	118,604	30,853	175,508	31,438	121,904	1,314	657	164	11,439
April.....	128,249	145,271	127,505	31,699	166,391	31,231	111,944	1,569	572	129	10,574
May.....	134,219	144,579	131,289	34,479	166,008	32,240	113,262	1,421	653	130	10,382
June.....	120,723		122,220	33,428			116,547	1,890	499	117	11,725
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											

See footnote on opposite page also.

¹ Prior to Sept. 1, 1916, includes only paper valued at not above 2.5 cents per pound; from Sept. 1, 1916, to Apr. 24, 1920, not above 5 cents per pound, and from Apr. 1920, to date not above 8 cents per pound.² Printing activities based on productive hours reported by plants in 52 cities in 30 States, each department being weighted for the combined index.³ Between 10 and 15 per cent of the books manufactured in America are new editions, the remainder being new books, while about 95 per cent of the books manufactured in this country are by American authors.⁴ Books imported are books of foreign manufacture, catalogued and marketed by American publishers.⁵ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October

Table 49.—PAPER BOARD SHIPPING BOXES¹

(Base year in bold-faced type)

YEAR AND MONTH	PRICES					PRODUCTION			OPERATING TIME			PRODUCTION		
	Finished boxes		Raw materials			Total	Corrugated	Solid fiber	Total	Corrugated	Solid fiber	Total	Corrugated	Solid fiber
	Corrugated	Solid fiber	85 test liners ²	Chlp ³	Straw ⁴									
	Relative to 1922					Relative to 1922			Per cent of normal			Thousands of square feet		
	RELATIVE NUMBERS					NUMERICAL DATA								
1921 monthly av...	115	98	96	83	125				50	45	65			
1922 monthly av...	100	100	100	100	100	100	100	100	70	66	81	226,622	149,322	77,299
1923 monthly av...	109	111	114	122	113	128	142	103	79	79	79	291,036	211,654	79,382
1921														
September.....	92	83	85	72	102				61	54	81			
October.....	96	94	98	92	97				70	64	89			
November.....	101	99	96	73	89	78	73	88	70	65	84	176,655	108,524	67,831
December.....	97	93	90	67	85	64	66	61	54	53	68	145,585	98,389	47,186
1922														
January.....	96	92	88	72	85	64	54	73	52	48	64	136,841	80,500	56,341
February.....	94	92	88	73	85	67	60	80	58	55	69	151,181	89,445	61,736
March.....	88	90	90	76	80	79	70	98	62	57	78	179,855	104,352	75,903
April.....	87	89	88	76	76	81	75	91	64	60	78	182,090	111,806	70,284
May.....	90	89	90	78	78	76	80	69	66	64	74	172,223	119,260	52,963
June.....	89	85	88	86	80	81	83	78	67	64	78	184,099	123,732	60,367
July.....	90	90	92	99	83	97	100	90	70	65	87	215,908	149,075	69,533
August.....	100	104	101	112	117	129	127	133	78	72	96	291,903	189,325	102,578
September.....	112	113	117	130	123	129	131	126	80	78	88	292,510	195,288	97,222
October.....	117	121	124	145	133	143	150	130	81	79	89	323,807	223,612	100,195
November.....	117	122	124	134	133	134	143	116	81	80	84	302,958	213,177	89,781
December.....	113	112	114	121	128	125	129	117	77	75	84	283,090	192,806	80,784
1923														
January.....	111	118	114	130	125	138	146	123	79	76	88	313,045	217,649	95,396
February.....	115	120	122	134	125	133	143	115	75	75	75	301,870	213,177	88,693
March.....	115	122	120	139	125	143	162	107	82	83	78	324,178	241,501	82,677
April.....	114	115	117	134	123	135	149	108	84	86	78	305,524	222,121	83,403
May.....	114	112	117	132	105	128	140	101	80	82	76	286,603	208,705	77,898
June.....	110	108	119	123	105	122	131	102	77	78	76	275,679	195,288	80,391
July.....	109	108	114	115	105	128	147	110	79	80	77	290,754	205,725	85,029
August.....	105	109	114	121	105	126	153	107	81	82	78	285,059	199,760	85,299
September.....	105	107	112	115	105	113	142	86	79	79	76	256,701	195,480	61,221
October.....	104	109	108	115	105	138	153	107	81	79	88	310,795	223,085	82,710
November.....	103	103	106	110	105	126	139	101	77	74	86	286,200	208,129	78,071
December.....	106	102	105	97	119	113	137	67	68	68	66	256,022	201,232	51,790
1924														
January.....	105	99	97	91	108	130	142	108	72	68	85	295,168	211,686	83,482
February.....	104	97	94	91	111	139	154	111	78	75	87	315,376	229,575	85,801
March.....	106	95	95	91	111	151	166	125	83	80	90	344,083	247,460	96,623
April.....	105	91	90	85	111	145	165	106	76	74	82	327,911	245,975	81,936
May.....	105	91	86	83	108	131	151	94	72	60	80	297,764	225,103	72,661
June.....	98	86	83	81	111	113	130	80	67	66	70	255,561	193,800	61,761
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

¹ Data from the National Container Association, which merged the statistical activities of the Container Club and the National Association of Corrugated and Fiber Box Manufacturers who formerly reported separately. Thirty identical companies report corrugated board data and 11 report solid fiber data. Data for the former individual associations, extending back to 1919 for the Container Club, are given in the August, 1923, issue (No. 24), but are not comparable with data shown here as the former National Association of Corrugated and Fiber Box Manufacturers reported in their totals single face board, (used principally for wrapping purposes) which is excluded from the tabulation above.

² The outer and inner covering of the combined board.

³ Principally reworked papers used as a filler for solid fiber board.

⁴ Fluted interior of corrugated board; about 90 per cent straw.

Table 50.—PAPER PRODUCTS AND PEARL BUTTONS

[Base year in bold-faced type]

YEAR AND MONTH	WOOD PULP IMPORTS ¹		FOLDING PAPER BOXES ²	LABELS ³	ROPE PAPER SACKS ⁴	ABRASIVE PAPER AND CLOTH ⁵		FRESH-WATER PEARL BUTTONS ⁶		WOOD PULP IMPORTS ¹		FOLDING PAPER BOXES ²	LABELS ³	ABRASIVE PAPER AND CLOTH ⁵		FRESH-WATER PEARL BUTTONS ⁶	
	Mechanical	Chemical	New orders		Shipments	Domestic sales	Foreign sales	Production	Stocks	Mechanical	Chemical	New orders		Domestic sales	Foreign sales	Production	Stocks
	Relative to 5-yr. av.		Relative to 1921		Rel. to 1921-1922 ⁶	Relative to 1919		Relative to 1922		Short tons		Per cent of capacity		Reams		Per cent of capacity	Thousands of gross
	RELATIVE NUMBERS									NUMERICAL DATA							
19 monthly av.	102	141				100	100			16,855	36,147			68,150	9,171		
20 monthly av.	117	220				109	125			18,375	56,153			78,363	11,695		
21 monthly av.	97	174	100	100	100	67	47			16,000	44,457	47.9	44.2	47,957	4,379		
22 monthly av.	109	341	145	187	110	106	96	100	100	17,965	56,942	69.4	82.7	72,394	8,836	46.1	12,562
23 monthly av.	143	364	133	182	119	128	119	100	100	23,485	92,843	63.6	50.6	86,910	10,920	46.1	13,845
1922																	
January	127	374	100	183	71	84	60	98	96	20,920	95,525	47.8	80.7	57,129	5,521	45.4	12,041
February	56	260	143	139	91	87	60	119	96	9,138	66,443	68.5	61.6	59,418	5,461	50.4	12,108
March	75	190	148	207	114	110	82	107	96	12,425	48,376	70.7	91.7	70,634	7,506	49.4	12,021
April	72	255	134	192	96	107	84	106	97	11,797	65,140	64.2	85.0	72,930	7,745	46.6	12,199
May	71	202	186	186	103	112	75	101	99	11,626	51,658	59.1	82.0	76,364	6,885	46.4	12,412
June	97	300	168	243	114	108	70	98	101	15,951	78,932	80.3	107.2	73,433	6,421	45.0	12,621
July	104	355	180	203	116	106	105	82	102	17,181	90,638	86.1	89.7	71,923	9,632	38.0	12,749
August	82	327	151	213	127	114	67	90	102	13,545	83,562	72.4	94.1	77,838	6,184	41.7	12,829
September	116	281	138	154	123	117	135	93	102	19,153	71,784	60.2	68.0	70,945	12,338	43.0	12,830
October	157	429	133	201	123	120	104	102	102	25,921	109,459	63.6	89.0	81,736	9,560	47.0	12,892
November	167	497	116	136	126	112	175	111	104	27,475	126,937	55.8	60.0	76,257	16,007	51.0	13,039
December	185	607	143	190	111	98	139	102	104	30,447	154,850	68.4	83.8	67,120	12,766	46.8	12,998
1923																	
January	197	456	121	223	91	136	98	111	108	32,467	116,426	58.0	98.7	92,815	8,956	51.0	13,508
February	169	383	146	208	105	129	113	116	107	27,766	97,774	70.1	92.0	87,804	10,351	53.4	13,399
March	153	322	154	242	130	154	126	115	107	25,143	82,078	74.0	106.9	104,902	11,593	52.8	13,467
April	104	276	146	214	122	172	105	119	108	17,186	70,401	70.0	94.6	117,413	9,631	54.8	13,514
May	107	286	111	195	135	149	135	113	109	17,668	72,932	53.3	86.4	161,418	12,370	52.1	13,696
June	114	395	135	185	125	125	116	102	112	18,806	100,757	64.7	81.8	85,302	10,660	47.1	14,054
July	106	323	116	156	123	116	128	69	108	17,376	82,392	55.6	68.9	79,016	11,765	31.9	13,551
August	153	393	146	107	116	118	137	84	110	25,155	100,355	69.8	47.4	80,087	12,594	38.7	13,828
September	155	337	99	131	123	110	134	87	111	25,538	85,936	47.4	57.9	75,196	12,297	39.9	13,980
October	160	358	142	211	129	119	124	99	113	26,285	91,302	67.8	93.4	81,048	11,371	45.8	14,207
November	186	455	132	143	118	114	115	99	115	30,666	116,224	63.2	63.3	77,634	10,251	45.8	14,420
December	215	382	145	172	112	89	100	85	116	35,429	97,533	69.3	76.0	60,353	9,200	39.3	14,516
1924																	
January	107	347	135	245	89	132	91	83	115	17,660	88,565	64.6	108.2	89,061	8,384	38.4	14,495
February	107	487	169	188	109	136	93	94	113	17,637	124,178	81.0	83.0	92,660	8,529	43.5	14,237
March	137	339	159	294	133	141	115	95	113	22,552	56,556	76.2	129.8	96,376	10,553	44.0	14,221
April	112	246	131	292	117	117	127	90	113	18,431	62,864	62.9	129.0	79,704	11,620	41.6	14,191
May	81	324			129	113	120	70	113	13,291	82,746			76,890	11,018	32.4	14,170
June	80	343				89	140	66	113	13,150	88,549			60,969	12,815	30.4	14,193
July																	
August																	
September																	
October																	
November																	
December																	

Data from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Monthly averages for 5-year period, 1900-1913, on which index numbers are based, are 16,463 tons for mechanical and 25,521 for chemical pulp. Monthly averages and index numbers for years 1913 through 1918 are given in the August, 1923 (No. 24) of the SURVEY, p. 92.

Folding paper boxes and labels from the Association of Folding Box and Label Manufacturers, said to represent approximately 60 per cent for the folding-box industry and 5 per cent for the label industry.

Rope paper sacks from Rope Paper Sack Manufacturers' Association, said to represent approximately 95 per cent of the industry.

Data compiled by the Abrasive Paper and Cloth Manufacturers' Exchange, estimated to represent 90 per cent of the industry. The totals given include the sales of emery, flint, and artificial (silicon, carbide, and aluminous oxide) paper, cloth, and combinations. Figures are stated in equivalent reams, 9 by 11 inches in size.

Data submitted show that in 1919 the total sales were made up of the following approximate percentages: Garnet 39, emery 8, flint 32, and artificial 20 per cent.

Data on fresh-water pearl buttons from National Association of Button Manufacturers from reports of 17 firms representing 95.2 per cent of the machine capacity of the association members, except prior to July, 1922, when 16 firms reported.

Twelve months' average, July, 1921, to June, 1922. Numerical data not furnished by the association.

Table 51.—BUILDING STATISTICS—CONTRACTS AWARDED¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	SOUTH-ERN CON-STRUC-TION ²	BUSINESS BUILDINGS			INDUSTRIAL BUILDINGS			RESIDENTIAL BUILDINGS			EDUCATIONAL BUILDINGS			OTHER PUBLIC AND SEMIPUBLIC BUILDINGS			
		Value	Number of projects ³	Square feet	Value	Number of projects	Square feet	Value	Number of projects	Square feet	Value	Number of projects	Square feet	Value	Number of projects	Square feet	Value
		Relative to 1919															
1915 monthly average.....						42	21		94	49							
1916 monthly average.....						63	36		90	57							
1917 monthly average.....						71	43		62	42							
1918 monthly average.....						118	94		43	36							
1919 monthly average.....		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
1920 monthly average.....		81	74	79	80	83	115	60	57	67	102	114	144	95	99	119	
1921 monthly average.....	100	77	59	82	43	23	34	103	85	103	137	177	204	116	150	151	
1922 monthly average.....	168	96	86	122	51	43	63	152	128	159	166	238	254	121	171	181	
1923 monthly average.....	169	97	84	110	53	41	74	149	146	186	139	193	228	107	136	145	
1921																	
September.....	133	89	78	122	42	21	26	132	108	135	193	221	296	139	253	235	
October.....	115	94	86	111	56	31	43	133	109	127	122	169	225	127	142	132	
November.....	86	81	56	72	55	33	41	117	112	128	89	178	183	97	105	166	
December.....	200	78	50	65	46	22	34	106	109	143	87	172	151	78	116	124	
1922																	
January.....	77	68	52	70	43	24	46	85	90	107	64	104	121	72	101	111	
February.....	130	75	68	116	32	19	25	77	82	107	78	121	132	69	111	119	
March.....	147	115	97	147	48	33	57	158	151	172	143	265	257	112	148	140	
April.....	193	115	113	174	54	40	67	187	157	187	190	380	369	134	162	177	
May.....	212	116	107	170	54	47	56	193	167	199	219	322	331	157	266	298	
June.....	70	111	111	152	63	34	47	186	156	193	303	425	444	162	274	225	
July.....	189	97	95	130	45	54	75	159	121	154	301	360	409	162	210	312	
August.....	206	97	84	113	53	38	158	171	118	143	270	273	322	161	261	230	
September.....	156	92	98	136	48	36	62	150	114	143	143	190	213	133	169	179	
October.....	172	98	74	95	62	67	65	165	128	157	127	175	175	125	154	162	
November.....	226	94	70	89	68	50	68	166	143	173	81	114	181	101	146	152	
December.....	130	81	62	77	49	33	45	128	124	170	67	122	143	66	59	72	
1923																	
January.....	132	77	64	92	42	35	51	109	122	158	63	112	140	66	84	83	
February.....	131	83	76	92	46	40	64	107	112	143	93	208	222	78	124	123	
March.....	241	113	107	130	71	60	87	186	195	232	143	214	226	106	177	157	
April.....	225	122	103	134	69	47	58	216	194	231	150	305	360	137	175	186	
May.....	197	123	106	157	61	69	111	194	170	210	170	206	244	139	157	166	
June.....	143	98	91	121	52	38	113	127	125	176	208	194	228	129	185	186	
July.....	158	90	77	104	47	30	50	118	118	157	223	216	276	120	141	161	
August.....	153	92	68	80	47	26	41	133	120	162	167	172	211	125	124	150	
September.....	150	85	75	115	41	32	84	123	112	145	113	123	135	99	134	142	
October.....	132	103	82	91	55	30	72	170	174	222	128	204	220	126	169	172	
November.....	190	102	75	88	55	44	100	158	164	209	97	184	218	91	123	123	
December.....	173	76	80	115	50	36	54	147	151	193	91	181	256	74	83	90	
1924																	
January.....	195	80	72	101	37	24	46	125	172	224	71	134	160	69	98	103	
February.....	208	85	86	120	41	30	40	116	139	183	110	253	268	85	140	137	
March.....	160	97	108	173	47	33	45	189	220	291	124	241	297	104	218	241	
April.....		113	86	126	63	35	127	198	208	278	148	253	301	123	168	178	
May.....		111	100	143	45	29	47	191	171	234	190	261	352	130	204	223	
June.....		92	85	147	40	23	45	159	141	193	214	219	291	148	181	233	
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

See footnotes on opposite page also.

¹ Southern construction from *Manufacturers' Record*. Other data compiled by the *F. W. Dodge Corporation*, covering small towns and rural districts as well as large cities. Prior to May, 1921, these figures covered 25 northeastern states and the District of Columbia. The states are those north and east of, and including, North Dakota, South Dakota, Iowa, Missouri, Tennessee, and Virginia, together with portions of eastern Kansas and Nebraska. Beginning May, 1921, North Carolina and South Carolina were added to the list, but this addition is stated to have little effect upon the total.

Table 52.—BUILDING STATISTICS—CONTRACTS AWARDED ¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	SOUTH-ERN CON-STRUC-TION ²	BUSINESS BUILDINGS			INDUSTRIAL BUILDINGS			RESIDENTIAL BUILDINGS			EDUCATIONAL BUILDINGS			OTHER PUBLIC AND SEMIPUBLIC BUILDINGS ³		
		Thou-sands of dollars	Num-ber of projects	Thou-sands of square feet	Thou-sands of dollars	Num-ber of projects	Thou-sands of square feet	Thou-sands of dollars	Num-ber of projects	Thou-sands of square feet	Thou-sands of dollars	Num-ber of projects	Thou-sands of square feet	Thou-sands of dollars	Num-ber of projects	Thou-sands of square feet	Thou-sands of dollars
115 mo. av.						5,308	\$8,912		19,000	\$34,832						
116 mo. av.						8,050	15,212		18,167	40,275						
117 mo. av.						9,042	20,668		12,583	29,548						
118 mo. av.						15,075	40,202		8,607	25,381						
119 mo. av.		1,092	9,240	\$33,506	636	12,772	42,744	3,990	20,157	70,767	166	1,915	\$3,950	298	2,219	\$11,476
120 mo. av.		895	6,870	26,638	511	10,652	49,080	2,414	11,460	47,177	170	2,190	14,358	282	2,211	17,220
121 mo. av.	\$27,524	844	6,437	27,662	274	2,981	14,444	4,118	17,047	73,154	227	3,352	20,319	342	3,360	21,788
122 mo. av.	46,273	1,053	7,936	41,358	323	5,463	27,054	6,063	25,866	112,285	275	4,549	25,279	361	3,853	26,258
123 mo. av.	46,514	1,060	7,727	37,177	338	5,184	31,568	5,961	29,521	131,896	231	3,703	22,711	320	3,062	21,017
1921																
ptember	36,460	971	7,174	41,259	269	2,706	11,283	5,286	21,709	95,303	321	4,238	26,459	415	5,700	33,909
ctober	31,532	1,029	7,991	37,405	357	3,984	18,419	5,314	21,978	89,650	202	3,228	22,429	378	3,203	19,090
ovember	23,610	880	5,158	24,221	350	4,197	17,695	4,681	22,666	90,324	147	3,416	18,212	290	2,363	15,349
ecember	55,029	847	4,583	22,056	290	2,846	14,553	4,236	21,901	100,697	144	3,297	15,016	233	2,604	18,064
1922																
January	21,143	744	4,811	23,696	271	3,033	19,695	3,410	18,083	75,728	107	2,601	12,067	215	2,268	16,034
February	35,774	815	6,264	39,240	205	2,417	10,733	3,079	16,490	75,728	130	2,325	13,110	205	2,503	17,277
March	40,548	1,252	8,953	49,758	306	4,165	24,270	6,322	30,348	121,551	238	5,071	25,575	335	3,338	20,222
April	52,993	1,255	10,419	58,711	345	5,130	24,312	7,484	31,606	132,478	316	7,277	36,719	400	3,638	25,569
May	58,338	1,270	9,811	57,515	344	5,941	23,893	7,705	31,604	140,033	364	6,161	32,925	467	5,092	43,169
June	49,341	1,213	10,289	51,489	339	4,305	20,277	7,451	31,519	136,359	503	8,132	44,215	484	6,165	32,608
July	52,054	1,059	8,780	44,020	285	6,870	31,883	6,347	24,302	108,951	499	6,901	40,690	484	4,716	45,127
August	56,828	1,057	7,793	38,122	335	11,262	67,374	6,857	23,712	100,883	449	5,223	32,055	479	5,874	33,321
September	42,977	1,003	9,074	45,907	306	4,569	26,385	6,005	23,059	101,428	237	3,644	21,214	397	3,802	25,920
October	47,342	1,066	6,873	32,037	396	7,242	27,640	6,599	25,814	110,776	211	3,343	17,437	371	3,473	23,474
November	62,116	1,022	6,427	29,938	430	6,415	29,242	6,623	28,759	122,469	135	2,180	13,058	302	3,144	21,955
December	35,822	880	5,710	25,868	314	4,202	16,298	5,111	24,950	120,139	112	2,330	14,251	196	1,322	10,388
1923																
January	36,449	843	5,870	30,975	265	4,410	21,944	4,342	24,586	111,730	105	2,163	13,906	196	1,889	12,730
February	36,095	909	7,041	30,999	295	5,096	27,518	4,272	22,668	101,040	154	3,992	22,108	231	2,789	17,781
March	60,398	1,239	9,886	44,076	450	7,673	37,034	7,459	39,256	164,267	238	4,092	22,870	317	3,891	22,797
April	62,045	1,331	9,561	45,322	440	5,997	24,913	8,647	39,174	163,476	249	5,819	35,822	408	3,912	26,066
May	54,285	1,341	9,759	53,133	391	8,826	47,557	7,750	34,332	148,773	283	3,949	24,346	413	3,529	24,042
June	39,416	1,067	8,387	40,830	330	4,817	48,506	5,096	25,254	124,417	346	3,717	22,676	385	4,103	26,863
July	43,603	988	7,094	35,267	297	3,861	21,197	4,709	23,698	111,138	370	4,131	27,512	359	3,179	23,240
August	42,159	1,000	6,245	27,169	301	3,367	17,717	5,321	24,106	114,317	310	3,285	21,036	372	2,782	21,670
September	41,312	930	6,966	38,954	263	4,056	35,919	4,905	22,530	102,331	188	2,364	13,461	256	3,018	20,553
October	36,436	1,128	7,582	30,685	351	3,877	30,692	6,817	35,008	158,964	213	3,907	21,923	375	3,791	24,956
November	52,420	1,112	6,906	20,792	361	5,634	42,694	6,336	33,114	147,716	161	3,529	21,722	270	2,773	17,873
December	47,545	827	7,426	38,922	317	4,591	23,124	5,882	30,501	136,561	151	3,464	25,468	221	1,863	13,077
1924																
January	53,632	879	6,650	34,068	234	3,029	19,723	5,012	34,693	158,521	118	2,571	15,927	205	2,213	14,899
February	57,263	926	7,961	40,550	262	3,787	17,057	4,640	28,037	129,795	183	4,838	26,735	252	3,152	19,825
March	43,921	1,059	10,000	58,600	298	4,225	19,437	7,559	44,389	206,089	206	4,615	29,567	311	4,893	34,859
April		1,238	7,954	42,683	339	4,488	54,181	7,921	42,009	196,775	245	4,836	29,998	367	3,769	25,738
May		1,207	9,245	48,390	289	3,755	20,213	7,638	34,428	165,376	316	5,378	35,037	389	4,586	32,285
June		1,004	7,827	49,601	254	2,891	19,026	6,342	28,346	136,679	355	4,188	29,006	440	4,073	33,717
July																
August																
September																
October																
November																
December																

See footnotes on opposite page also.

Covers all classes of building in the states of Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia.

Estimates made by the F. W. Dodge Corporation.

Include the following groups, formerly shown separately: "Hospitals and Institutions," "Public Buildings," "Social and Recreational Buildings," and "Religious Memorial Buildings." Details through July, 1923, may be found in the August, 1923 (No. 24), issue of the Survey, pp. 94-97.

Table 53.—BUILDING CONTRACTS AND FIRE LOSSES¹

(Base year in bold-faced type)

YEAR AND MONTH	CONTRACTS AWARDED					FIRE LOSSES		CONTRACTS AWARDED					FIRE LOSSES	
	Public works and utilities		Grand total ²			United States ³	Great Britain ⁴	Public works and utilities		Grand total ²			United States ³	Great Britain ⁴
	Number of projects	Value	Number of projects	Sq. feet	Value			Number of projects	Thousands of dollars	Number of projects	Thousands of square feet	Thousands of dollars		
	Relative to 1919							Ref. to 1920						
RELATIVE NUMBERS							NUMERICAL DATA							
1918 monthly average.....					65							\$140,770		
1919 monthly average.....	100	100	100	100	100	100	100	654	\$41,834	6,862	46,683	214,990	\$92,416	
1920 monthly average.....	82	113	70	72	98	123	91	534	47,195	4,821	33,491	211,102	27,571	£707
1921 monthly average.....	108	91	95	69	91	124	91	704	38,265	6,520	32,267	196,648	27,721	644
1922 monthly average.....	133	112	131	102	130	153	73	869	40,847	8,971	47,745	279,410	34,241	514
1923 monthly average.....	134	111	128	106	135	145	128	874	46,447	8,788	49,302	291,177	32,433	904
1922														
January.....	49	45	74	65	77	172	182	318	18,735	5,073	30,261	166,320	38,663	1,285
February.....	52	51	70	64	83	131	67	338	21,193	4,782	30,061	177,473	29,304	477
March.....	120	124	135	111	137	178	61	788	51,997	9,250	51,957	293,637	39,911	605
April.....	144	180	157	125	164	138	49	940	75,251	10,746	68,146	353,162	31,010	347
May.....	183	153	166	128	169	133	112	1,197	63,817	11,358	59,639	362,590	29,869	792
June.....	193	138	164	130	160	108	64	1,289	57,940	11,249	60,526	343,410	24,103	455
July.....	187	189	144	111	163	164	59	1,220	79,162	9,902	51,705	350,081	36,668	416
August.....	194	119	152	116	150	96	40	1,272	49,825	10,457	54,019	322,007	21,580	282
September.....	177	120	133	95	126	185	49	1,155	50,379	9,108	44,275	271,493	41,515	345
October.....	111	99	139	100	118	179	43	919	41,477	9,568	40,806	253,137	40,065	305
November.....	86	66	132	101	114	137	72	560	27,516	9,079	46,946	244,866	30,776	510
December.....	70	59	103	88	100	212	63	461	24,875	7,080	38,603	215,213	47,426	444
1923														
January.....	57	62	89	83	101	163	133	373	25,929	6,126	38,947	217,333	36,615	937
February.....	72	72	92	89	107	191	79	471	30,185	6,338	41,611	229,938	42,771	555
March.....	128	102	154	139	155	184	90	839	42,586	10,546	64,920	333,518	41,160	636
April.....	193	146	180	138	166	146	314	1,260	60,926	12,336	64,527	337,475	32,638	2,218
May.....	207	182	168	129	174	152	178	1,351	76,284	11,536	60,430	374,400	34,016	1,261
June.....	173	140	122	99	150	155	101	1,134	58,686	8,372	46,344	323,559	34,832	711
July.....	183	133	115	90	128	123	103	1,196	55,708	7,925	42,021	274,225	27,491	731
August.....	164	122	122	85	118	109	133	1,072	51,134	8,381	39,786	253,106	24,474	937
September.....	140	100	109	83	118	128	93	916	42,030	7,500	38,963	253,525	28,739	656
October.....	146	129	143	116	149	140	101	953	53,907	9,844	54,238	319,860	31,398	715
November.....	86	70	128	111	135	133	103	561	29,408	8,794	51,972	289,263	29,702	729
December.....	55	73	113	102	125	113	108	357	30,585	7,757	47,845	267,916	25,337	762
1924														
January.....	45	43	98	107	122	184	121	297	17,817	6,752	49,867	261,320	41,244	857
February.....	47	60	96	103	121	140	104	306	25,279	6,571	48,036	259,264	31,448	736
March.....	84	90	146	147	180	127	71	548	37,663	9,986	68,425	386,483	28,406	499
April.....	138	183	161	136	198	142	228	905	76,422	11,021	63,347	426,103	31,816	1,613
May.....	168	137	159	124	167	124	120	1,097	57,226	10,938	67,709	358,554	27,832	847
June.....	161	151	138	103	154	91		1,052	63,026	9,454	48,064	331,147	20,350	
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

¹ Data compiled by the F. W. Dodge Corporation, covering small towns and rural districts as well as large cities in 27 northeastern states, except fire losses in the United States and Canada, included here for convenience, compiled by the New York Journal of Commerce, and fire losses in Great Britain compiled by the London Times. Prior to May, 1921, the building figures covered 25 northeastern states and the District of Columbia. The states are those north and east of, and including, North Dakota, South Dakota, Iowa, Missouri, Tennessee, and Virginia, together with portions of eastern Kansas and Nebraska. Beginning May, 1921, North Carolina and South Carolina were added to the list, but this addition is stated to have little effect upon the total. Monthly averages of the value of contracts awarded for the years 1913 through 1918 may be found in the August, 1923, issue (No. 24), pp. 96 and 97.

² Prior to January, 1923, these figures did not include fires involving losses of less than £1,000.

³ Grand total includes military and naval buildings and miscellaneous, in addition to the groups listed in this and the preceding table (p. 99).

⁴ Monthly data from 1913 and seasonal index published in the December, 1923, issue (No. 28), at page 53.

Table 54.—CONSTRUCTION COSTS AND GLASS

[Base year in bold-faced type]

YEAR AND MONTH	BUILDING MATERIAL PRICES ¹ (1st of month)		PLUMBING FIXTURES ¹	COST INDEXES (1st of month)		CONSTRUCTION VOLUME	ILLUMINATING GLASSWARE ⁴			SPECTACLE FRAMES AND MOUNTINGS ⁵		PLUMBING FIXTURES ¹	ILLUMINATING GLASSWARE ⁴					
	Frame house	Brick house	Wholesale price index	Factory building costs ²	Construction costs ³		Net orders	Actual production	Shipments billed	Sales billed (value)	Unfilled orders	Wholesale price index	Net orders	Actual production	Shipments billed			
	Relative to 1913			Rel. to 1914	Relative to 1913		Relative to average, May, 1921-April, 1922			Rel. to 1913	Rel. to 1919	Dollars	Per cent of capacity					
	RELATIVE NUMBERS											NUMERICAL DATA						
1913 monthly average	100	100	100		100	100				100								
1914 monthly average					89					110								
1915 monthly average					93					121								
1916 monthly average					147					173								
1917 monthly average					181					202								
1918 monthly average					169					275								
1919 monthly average					198					407	100							
1920 monthly average					251	*91				425	114							
1921 monthly average					179	202	88	100	100	100	298	51		38.7	36.2	25.7		
1922 monthly average	182	186			170	175	139	126	122	119	333	41		46.3	44.0	42.6		
1923 monthly average	207	209	187.1		202	214	130	134	136	139	484	83	126.45	49.1	49.3	49.7		
1922																		
September	193	197			190	185	129	150	121	119	348	41		55.1	43.7	42.6		
October	196	199			192	189	127	160	150	139	425	65		58.7	51.2	49.6		
November	196	201			192	189	122	169	160	153	483	67		61.9	57.8	54.6		
December	192	198			192	193	111	135	156	165	425	88		49.6	50.6	58.8		
1923																		
January	195	199	179.5		192	192	126	134	142	146	407	68	121.32	49.1	51.5	52.3		
February	198	201	182.0		197	197	105	188	154	155	424	86	122.95	68.9	55.7	51.2		
March	209	209	183.8		197	206	195	151	143	152	536	87	124.20	55.6	51.9	54.2		
April	206	209	189.7		204	214	160	143	154	154	547	87	128.17	52.4	55.7	54.8		
May	212	214	191.4		204	217	171	159	156	144	511	88	129.34	58.3	56.6	51.3		
June	212	215	192.7		207	221	148	124	114	143	544	78	130.21	48.4	41.4	51.0		
July	214	217	191.8		206	222	128	95	83	114	310	80	129.58	34.8	30.2	46.8		
August	215	216	189.5		206	222	111	101	101	102	447	83	128.03	37.0	36.4	36.1		
September	208	210	189.6		206	222	137	112	127	125	441	88	128.68	41.0	45.9	44.6		
October	203	207	187.4		204	220	127	140	157	146	617	96	125.61	51.3	56.7	52.1		
November	203	206	184.3		202	221	125	144	159	164	539	91	124.53	52.9	57.4	58.6		
December	204	207	184.1		199	217	101	116	143	127	472	95	124.38	42.4	51.7	45.8		
1924																		
January	204	207	182.9		199	218	130	112	142	113	569	83	123.58	41.2	51.5	40.3		
February	204	207	183.2		200	220	128	140	146	160	520	77	123.77	51.3	52.7	57.1		
March	205	209	183.0		202	225	134				567	53	123.65					
April	206	209	182.4		202	222	137				468	42	123.26					
May	205	206	180.1		200	222							121.70					
June	203	205	180.2		199	217	126						121.74					
July					198	214												
August																		
September																		
October																		
November																		
December																		

¹ Building material price indexes representing the relative cost of building materials entering into the construction of a six-room frame house and a six-room brick house in the U. S. Department of Commerce, Bureau of Standards, Division of Building and Housing, and Bureau of the Census, are based on prices paid for material by contractors in some 60 cities of the United States. The prices are weighted by the relative importance of each commodity in the construction of a six-room house; plumbing fixtures, wholesale price, compiled by the Bureau of the Census, is an average of 12 reports of combined net selling prices to retailers, without freight, on the following complete fixtures: Bathtub, washstand, water-closet, sink, two-part cement laundry tub, and 30-gallon range boiler. The plumbing prices are averages for the month and the building material indexes are as of the first of the month.

² This index number, furnished through the courtesy of the *Aberthaw Construction Co.*, is designed to show the relative changes in the cost of constructing a standard concrete factory building. The company believes that the year 1914 gives a normal base and that July, 1920, with an index number of 265, represented the peak of costs. Inning with June, 1923, the Morton C. Tuttle Company has also prepared an index on a similar basis, with practically identical results. These index numbers are on as of the first day of the month.

³ The construction cost index, computed by the *Engineering News Record*, is based upon the costs of steel (structural shapes, Pittsburgh base), cement (f. o. b. Chicago, inclusive of bags), lumber (southern pine, New York base), and the rates paid common labor in the steel industry through 1920, after which common labor rates are averages reported from about 20 cities by correspondents of the *Engineering News Record*. The prices are weighted on the basis of the total production of steel, cement, and labor, and the total supply of common labor.

⁴ Compiled by the *Engineering News Record*, on the basis of contracts let as reported by this publication and its construction cost index number, based on 1913 costs. Yearly figures are not averages of the monthly data but are computed on the total volume for the year as compared with the 1913 total.

⁵ Data from reports of identical firms by the *Illuminating Glassware Guild*, estimated to represent from 70 to 75 per cent of the capacity of the industry, based on a normal capacity of 6,000 turns.

⁶ Data from the *Optical Manufacturers Association*, representing about 60 per cent of the industry.

⁷ Twelve months' average, May, 1921-Apr. 1, 1922.

Table 55.—WOODEN FURNITURE

[Base year in bold-faced type]

YEAR AND MONTH	HOUSEHOLD FURNITURE AND CASE GOODS ¹		PIANO BENCHES AND STOOLS ²				HOUSEHOLD FURNITURE AND CASE GOODS ¹		PIANO BENCHES AND STOOLS ²			
	Shipments	Unfilled orders	New orders (value)	Unfilled orders (value)	Shipments		Shipments	Unfilled orders	New orders (value)	Unfilled orders (value)	Shipments	
					Value	Quantity					Value	Quantity
	RELATIVE NUMBERS						NUMERICAL DATA					
Relative to 1920		Relative to 1919			Relative to 1922	Value, average per firm, dollars		Dollars			Number of pieces	
1917 monthly average.....			55	48	62			\$86,453	\$98,911	\$91,546		
1918 monthly average.....			64	56	67			101,350	115,513	98,744		
1919 monthly average.....			100	100	100			153,311	204,688	147,799		
1920 monthly average.....	100	100	86	83	99	91	\$40,266	\$128,088	135,781	169,616	146,646	12,465
1921 monthly average.....	60	23	47	23	48	74	23,949	28,812	74,069	46,448	71,067	10,149
1922 monthly average.....	74	35	65	30	57	100	29,883	45,005	86,476	61,808	84,276	13,689
1923 monthly average.....	94	44	70	46	74	121	37,882	56,317	110,133	93,673	109,750	16,540
1922												
January.....	57	26	47	29	46	80	23,084	33,860	74,009	59,969	67,497	11,016
February.....	60	26	43	26	53	90	24,118	32,828	67,870	52,579	77,845	12,390
March.....	75	24	53	26	55	99	30,186	30,586	84,348	53,000	81,849	13,528
April.....	58	18	35	19	46	84	23,234	22,662	55,468	39,268	67,779	11,439
May.....	67	21	43	20	45	75	26,900	26,944	68,019	41,197	65,788	10,279
June.....	65	29	42	19	44	78	25,970	37,172	66,036	38,282	64,963	10,654
July.....	63	35	41	19	43	70	25,290	45,394	64,195	38,296	64,109	9,580
August.....	83	42	47	26	40	75	33,301	53,835	74,160	53,692	58,874	10,281
September.....	82	46	65	34	58	106	32,977	58,286	102,852	70,018	86,301	14,555
October.....	94	56	101	59	23	132	37,639	71,789	160,592	119,860	107,938	18,061
November.....	101	58	70	51	85	152	40,474	74,007	111,057	105,012	125,663	20,805
December.....	86	41	69	34	97	159	31,820	52,697	109,110	70,523	142,700	21,707
1923												
January.....	85	54	71	43	65	119	34,282	68,575	112,960	87,827	95,405	16,286
February.....	83	51	72	49	68	126	38,524	64,860	113,264	100,439	100,484	17,244
March.....	105	53	68	43	80	131	42,346	68,030	107,158	88,916	117,977	17,887
April.....	92	50	76	52	69	116	37,153	64,540	120,705	106,442	101,482	15,849
May.....	100	42	74	52	79	129	40,380	53,840	117,733	105,637	116,646	17,679
June.....	88	43	62	50	66	103	35,328	54,496	97,988	102,310	97,657	14,037
July.....	83	47	48	44	58	87	33,547	59,961	75,376	90,176	86,443	11,975
August.....	101	44	62	47	61	98	40,563	55,797	97,808	97,167	90,253	13,351
September.....	98	42	74	50	70	108	39,287	53,609	116,560	103,271	103,388	14,837
October.....	116	42	89	52	92	145	46,575	53,313	141,003	105,804	135,877	19,858
November.....	99	36	74	42	92	140	39,961	46,019	110,809	86,498	135,895	19,211
December.....	79	26	66	24	92	148	31,631	32,759	104,141	49,594	135,493	20,270
1924												
January.....	76	41	62	27	62	101	30,596	52,064	97,739	56,070	90,923	13,839
February.....	90	41	65	23	68	107	36,163	52,143	103,666	57,974	101,165	14,688
March.....	94	34	55	21	64	105	37,812	43,231	86,977	42,713	94,543	14,358
April.....	86	27	48	17	57	87	34,533	34,193	76,366	33,927	84,691	11,918
May.....	71	27	41	8	48	76	28,781	34,042	64,472	16,575	71,384	10,438
June.....			41	11	46	77			65,152	22,360	68,624	10,497
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹ Combined figures representing average shipments and unfilled orders per firm from reports of 59 identical firms of the National Association of Chair Manufacturers, from 42 to 53 firms of the Southern Furniture Manufacturers Association, and about 100 firms of the National Alliance of Case Goods Association.

² Compiled by the National Association of Piano Bench and Stool Manufacturers from concerns estimated to cover about 80 per cent of this industry. Reports are from 14 firms in July, 1917, gradually decreasing until only 3 firms reported in 1923 and 1924. The figures are strictly comparable, however, as the 6 firms which ceased reporting went out of this line of business.

Table 56.—YELLOW PINE LUMBER

[Base year in bold-faced type]

YEAR AND MONTH	SOUTHERN PINE LUMBER						NORTH CAROLINA PINE		SOUTHERN PINE LUMBER						NORTH CAROLINA PINE		
	Production	Shipments	Orders	Stocks, end of month	Exports	Price, flooring	Production	Shipments	Production	Shipments	Orders	Stocks, end of month	Exports	Price, flooring	Production	Shipments	
	Relative to 1917				Rel. to 1919	Rel. to 1913	Relative to 1919		Thousands of feet, board measure						Per M. feet	M. feet, b. m.	
	RELATIVE NUMBERS								NUMERICAL DATA								
17 mo. av.	100	100	100	100	74	114			423,509	441,903	446,403	1,371,651	37,770	\$31.54			
18 mo. av.	37	90	79	81	57	147			398,325	393,160	354,287	1,110,259	29,017	33.76			
19 mo. av.	90	86	84	68	100	239	100	100	390,524	379,701	376,070	937,748	59,957	55.00	31,230	32,107	
20 mo. av.	85	75	69	87	129	234	98	93	358,015	330,229	309,559	1,187,587	65,684	74.53	31,514	29,731	
21 mo. av.	89	89	90	88	85	156	88	93	375,438	394,812	393,677	1,211,174	43,615	35.98	30,164	29,052	
22 mo. av.	102	97	101	86	102	197	153	163	431,633	430,673	451,395	1,177,627	52,137	45.46	52,543	52,439	
23 mo. av.	106	104	101	79	135	207	141	151	450,165	458,971	451,944	1,086,012	64,604	47.70	48,257	48,539	
1922																	
January	94	76	83	85	90	182	124	100	396,120	337,791	369,971	1,172,652	45,807	41.96	42,430	32,270	
February	88	78	82	88	83	189	149	123	373,626	345,139	365,147	1,209,701	42,511	43.73	50,830	41,030	
March	101	98	101	88	104	178	153	156	428,103	432,948	448,922	1,208,089	53,273	40.96	52,240	50,050	
April	94	104	110	85	133	180	158	156	397,553	458,023	531,455	1,159,422	67,783	41.35	54,180	50,330	
May	113	126	147	81	95	184	155	180	477,893	556,248	654,595	1,111,878	48,473	42.48	52,930	57,890	
June	106	111	101	80	103	193	158	163	449,217	492,198	448,922	1,095,580	52,293	45.63	54,250	52,360	
July	105	101	97	80	101	196	162	166	446,468	447,712	434,393	1,031,060	51,643	45.22	55,370	53,480	
August	113	103	115	81	116	200	160	189	479,138	453,472	514,465	1,117,531	59,214	46.12	54,090	53,930	
September	105	82	78	89	98	215	161	190	445,258	364,096	347,414	1,207,900	50,186	49.45	55,230	61,190	
October	104	84	86	93	87	216	163	201	441,936	371,665	382,847	1,273,416	44,347	49.45	57,400	65,650	
November	105	105	102	93	104	214	161	185	443,389	453,392	456,377	1,274,418	53,157	48.27	55,094	53,599	
December	95	102	103	89	112	216	134	144	400,815	450,423	461,411	1,218,843	56,971	43.69	45,731	46,214	
1923																	
January	109	123	139	84	140	220	129	131	462,571	543,218	622,750	1,146,677	71,130	50.78	40,950	43,120	
February	94	99	108	82	121	221	120	152	400,113	436,772	483,339	1,118,834	63,296	50.80	41,000	48,930	
March	114	111	99	81	119	230	180	212	450,966	499,923	443,355	1,107,612	60,482	52.95	61,450	64,110	
April	101	109	99	77	152	232	153	168	428,471	482,768	441,903	1,056,355	77,254	53.53	52,500	54,040	
May	113	115	91	74	155	224	129	147	478,576	503,334	405,131	1,010,591	79,295	51.69	44,170	47,450	
June	106	94	79	72	181	212	126	139	450,408	417,506	357,561	1,051,133	92,290	48.87	42,980	41,875	
July	107	100	83	78	162	202	136	125	452,243	440,257	372,779	1,065,574	84,690	46.57	46,620	40,110	
August	113	103	97	78	133	195	153	137	478,015	456,377	434,933	1,063,295	67,850	44.85	52,500	41,170	
September	106	98	107	79	84	190	149	136	417,034	430,963	477,724	1,097,475	42,681	43.70	51,135	43,750	
October	115	111	105	79	102	192	149	156	486,292	459,729	468,769	1,089,368	51,814	44.17	50,850	50,245	
November	109	97	97	81	109	184	153	165	460,695	427,255	432,512	1,115,880	55,540	42.27	52,390	54,200	
December	89	87	109	81	155	183	124	138	376,603	383,525	455,566	1,110,704	78,996	42.21	42,455	44,415	
1924																	
January	107	112	121	78	100	192	139	157	452,214	497,038	541,282	1,068,910	55,324	44.28	47,530	50,680	
February	106	95	86	80	165	193	145	163	447,954	419,297	384,638	1,094,418	84,109	44.54	49,754	52,325	
March	111	99	93	82	137	191	149	151	465,285	435,417	416,926	1,123,328	69,859	43.00	50,955	48,452	
April	113	102	106	82	133	189	151	155	476,998	448,535	471,238	1,131,493	69,047	43.55	51,660	44,840	
May	114	110	99	82	142	181	147	163	484,501	485,485	410,790	1,128,893	72,597	41.60	50,400	52,430	
June	101	92	91	84	132	171	126	132	426,171	406,809	408,454	1,153,375	67,173	39.61	43,080	42,390	
July																	
August																	
September																	
October																	
November																	
December																	

The figures for southern yellow pine, except exports and prices, are computed data furnished by the Southern Pine Association. The method of computing is first to find the percentage relation between the actual production, shipments, and orders of the mills reporting and the normal production of these same mills. This per cent is then applied to the normal production of 192 mills. The average production in the first four months of 1916, 434,035,332 feet, is taken as normal production. There are separate normals for orders and shipments since these two items must be governed by production. Assuming that the mills reporting are a good sample of the industry, resulting figures are equivalent to the actual production, shipments, and orders of the 192 identical mills, and hence a fair sample of the industry. The same procedure is used for stocks except that normal in this case is 1,262,450,326 feet, the average stocks during 16 months ending April, 1916.

Data from U. S. Department of Labor, Bureau of Labor Statistics, and represent average weekly prices for the month for yellow pine flooring, grading B and better, at Asheville, Miss. The 1913 monthly average, on which the index numbers are based, is \$23.04 per thousand feet.

Exports of yellow pine lumber from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Monthly data for the first three months of 1921 and yearly averages back to 1913 are given in the December, 1923, issue (No. 28), page 56.

Data computed from reports on actual production and shipments as furnished by the North Carolina Pine Association, Inc., for mills varying in number from 31 to 56. Computed figures given are obtained by first determining for a given month the per cent which the actual production is of the normal production of the identical mills. This per cent is then applied to an arbitrary figure of 70,000,000 board feet, which represents the approximate monthly average normal production of the mills as reported in 1919. A similar per cent of actual shipments to normal production is applied to the same figure to obtain the computed shipment figures. The resulting figures represent a computed production as of identical mills for each month. The figures are of the same order of magnitude as the actual reported production and shipments, but avoid the rather wide variations due to different mills reporting in different months.

Table 57.—OTHER PINE LUMBER

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	WESTERN PINE ¹			CALIFORNIA WHITE PINE ¹			NORTHERN PINE ¹			
	Pro-duction	Ship-ments	Stocks, end of month	Pro-duction	Ship-ments	Stocks, end of month	Lumber		Lath	
							Pro-duction	Ship-ments	Pro-duction	Ship-ments
	Relative to 1917			Relative to 1918			Relative to 1920			
1917 monthly average.....	100	100								
1918 monthly average.....	104	89		100	100	100				
1919 monthly average.....	104	99		92	117	108				
1920 monthly average.....	123	100	100	111	113	100	100	100	100	100
1921 monthly average.....	68	70	121	74	91	139	85	55	90	155
1922 monthly average.....	110	116	90	128	144	144	111	98	131	175
1923 monthly average.....	133	117	104	194	194	186	128	92	139	193
1921										
September.....	78	83	125	112	115	122	109	80	175	200
October.....	75	96	123	111	150	160	84	94	93	173
November.....	58	87	120	67	116	136	30	83	38	120
December.....	34	75	119	50	109	160	48	51	55	72
1922										
January.....	32	75	110	39	76	143	56	57	63	93
February.....	38	81	103	18	75	142	46	51	54	74
March.....	61	106	93	14	95	118	86	68	94	143
April.....	99	120	91	36	103	108	129	97	140	138
May.....	146	147	88	116	119	84	169	117	189	157
June.....	150	158	86	177	167	130	163	116	212	171
July.....	130	141	90	170	127	145	154	114	207	214
August.....	161	147	90	250	214	161	163	130	197	345
September.....	149	127	97	215	204	141	131	112	160	345
October.....	158	102	104	233	185	187	113	107	133	160
November.....	134	96	113	161	184	184	60	105	78	159
December.....	64	99	101	87	174	180	48	83	45	96
1923										
January.....	50	117	94	53	166	103	80	99	94	135
February.....	54	106	87	43	139	139	84	86	101	171
March.....	114	131	84	75	176	126	96	105	111	271
April.....	160	119	88	175	171	124	124	86	124	226
May.....	180	139	93	274	213	153	184	102	194	226
June.....	177	128	100	290	219	171	191	99	226	177
July.....	164	104	107	268	213	192	174	81	201	222
August.....	180	119	114	328	246	221	208	98	210	237
September.....	145	105	117	259	195	223	142	95	151	209
October.....	151	129	120	275	225	247	119	104	127	240
November.....	134	109	123	181	191	237	55	88	54	113
December.....	64	101	117	104	176	242	70	66	72	90
1924										
January.....	68	116	110	32	164	178	93	83	94	143
February.....	93	128	105	71	198	199	90	93	93	190
March.....	135	122	106	105	200	174	91	100	93	204
April.....	157	118	110	206	209	187	131	85	131	238
May.....	105	119	115	249	189	182	147	81	147	181
June.....	149	115	115	254	201	203	148	80	153	252
July.....										
August.....										
September.....										
October.....										
November.....										
December.....										

See footnotes on opposite page.

Table 58.—OTHER PINE LUMBER

[Base year in bold-faced type; relative numbers on opposite page

YEAR AND MONTH	WESTERN PINE ¹			CALIFORNIA WHITE PINE ¹			NORTHERN PINE ¹			
	Pro- duction	Ship- ments	Stocks, end of month	Pro- duction	Ship- ments	Stocks, end of month	Lumber		Lath	
							Pro- duction	Ship- ments	Pro- duction	Ship- ments
	Thousands of feet, board measure						Thousands of feet, board measure		Thousands	
1917 monthly average.....	109,357	110,423	-----	-----	-----	-----	-----	-----	-----	-----
1918 monthly average.....	113,424	97,784	-----	52,581	31,900	285,113	-----	-----	-----	-----
1919 monthly average.....	113,704	109,032	-----	48,263	37,284	287,045	-----	-----	-----	-----
1920 monthly average.....	131,407	110,697	891,924	58,368	36,030	267,276	40,273	59,139	9,841	6,357
1921 monthly average.....	74,437	76,840	1,063,658	39,110	29,114	370,303	34,204	27,708	8,609	9,882
1922 monthly average.....	120,689	128,606	791,461	69,387	45,784	382,216	44,512	48,357	12,574	11,017
1923 monthly average.....	145,916	129,140	914,376	101,876	61,972	494,177	51,460	46,346	13,290	12,292
1921										
September.....	84,984	91,996	1,101,300	58,940	36,543	321,761	43,767	39,920	16,795	12,708
October.....	82,144	105,780	1,085,913	58,348	47,809	427,720	33,881	47,327	8,878	10,995
November.....	63,155	95,496	1,056,576	35,445	37,018	363,698	12,275	41,799	3,659	7,635
December.....	37,145	82,505	1,052,423	26,278	34,827	401,677	19,295	25,458	6,311	4,582
1922										
January.....	35,385	82,874	966,705	20,318	24,287	391,316	22,530	28,444	6,052	5,908
February.....	41,793	89,272	907,712	0,327	23,893	378,640	18,612	25,565	5,160	4,717
March.....	66,509	116,551	823,290	7,290	30,327	314,258	34,783	34,295	9,018	9,091
April.....	108,156	132,001	805,870	19,149	32,739	287,452	52,096	48,416	13,430	8,749
May.....	160,087	162,776	778,475	60,951	37,878	223,195	68,252	58,428	18,115	9,988
June.....	163,816	173,931	758,551	93,099	53,327	347,278	65,662	58,398	20,247	10,898
July.....	141,898	155,837	704,040	59,390	40,405	386,171	62,065	57,402	19,880	13,574
August.....	175,630	161,840	796,230	131,500	68,128	430,329	65,741	64,980	18,877	21,958
September.....	162,479	140,278	856,694	112,959	65,051	376,117	52,893	54,393	15,324	21,948
October.....	173,178	112,163	919,186	122,692	59,088	494,537	45,688	53,529	12,969	10,183
November.....	149,253	106,071	993,484	84,497	58,828	450,042	26,693	52,741	7,593	10,085
December.....	70,050	109,622	894,211	45,501	55,471	478,054	19,219	41,717	4,329	6,121
1923										
January.....	64,093	128,711	830,534	28,097	53,102	412,247	34,736	49,723	9,025	8,729
February.....	59,148	116,557	765,391	22,699	44,282	397,597	33,702	42,883	9,671	10,845
March.....	124,188	144,948	737,499	39,463	56,156	333,169	38,714	52,720	10,697	17,241
April.....	175,232	131,040	779,652	91,929	64,444	328,640	49,748	43,079	11,896	14,342
May.....	197,074	153,220	820,610	144,244	68,019	405,835	74,071	51,132	18,616	14,341
June.....	193,505	139,096	885,077	152,312	69,947	453,155	76,734	49,611	21,698	11,291
July.....	179,098	114,813	947,445	140,679	67,931	507,764	69,978	40,688	19,229	14,105
August.....	196,623	131,025	1,003,508	172,319	78,452	585,358	83,862	49,941	20,076	15,091
September.....	158,103	116,224	1,035,332	136,178	62,360	592,114	57,379	47,492	14,472	13,396
October.....	165,285	141,918	1,058,535	144,424	71,821	654,668	48,037	52,326	12,131	15,257
November.....	146,871	120,443	1,080,360	95,254	60,851	628,591	22,359	44,251	5,163	7,156
December.....	91,771	111,681	1,027,497	54,915	56,302	649,991	28,297	33,265	6,928	8,739
1924										
January.....	74,101	127,833	966,689	16,576	52,381	479,725	37,552	41,720	8,979	9,106
February.....	102,830	141,099	924,473	37,163	63,171	528,127	36,347	46,496	8,899	12,105
March.....	148,073	134,899	936,050	55,151	63,833	462,311	36,638	49,905	8,905	12,963
April.....	172,195	130,222	971,168	103,329	66,798	496,003	52,718	42,859	12,578	15,098
May.....	180,985	131,412	1,016,922	131,127	60,362	483,814	59,360	40,405	14,092	11,494
June.....	163,060	126,780	1,014,387	133,740	64,042	538,991	58,662	40,035	14,625	16,050
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Western Pine Manufacturers' Association has supplied figures showing the actual and normal production for the mills reporting in each of the periods shown. These figures the per cent of normal production is obtained in each case, and this per cent is applied to the normal production of 54 lenticular mills. The normal production of these 54 mills is given as 143,009,000 board feet and is estimated to represent 70 per cent of the output of the western pine territory. Actual figures reported by about 20 mills each month to the California White and Sugar Pine Association; the number of mills varies from 13 to 25. Northern pine from the Northern Pine Manufacturers' Association, and includes reports from some 24 mills, both member and nonmember, located chiefly in Minnesota.

Table 59.—HARDWOOD LUMBER

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	LUMBER AT RETAIL YARDS ¹ (all species, hard and soft, 9th Fed. Res. dist.)		MICHIGAN HARDWOOD ²			NORTHERN HARDWOOD ³		COMPOSITE PRICE ⁴ INDEXES		WALNUT ⁵						
	Sales	Stocks	Pro-duction	Ship-ments	Stocks end of mo.	Pro-duction	Ship-ments	Hard-wood	Soft-wood	Lumber			Logs			
										Pro-duction	Ship-ments	Stocks on hand	Pur-chases	Made into lum-ber and veneer	Stocks on hand	
	Relative to 1920		Relative to 1917			Relative to 1913		Rel. to 1921	Rel. to 1920	Relative to 1922						
1913 monthly average.....						100	100									
1914 monthly average.....						110	78									
1915 monthly average.....						87	87									
1916 monthly average.....						89	103									
1917 monthly average.....			100	100	100	110	119									
1918 monthly average.....			78	69	90	103	110									
1919 monthly average.....	185	106	76	75	75	116	131									
1920 monthly average.....	100	100	67	50	55	121	108		100.0							
1921 monthly average.....	82	75	46	30	74	98	75	100.0	55.7							
1922 monthly average.....	92	62	48	40	56	94	135	96.4	61.6	100	100	100	100	100	100	100
1923 monthly average.....	87	63	56	46	44	132	151	112.0	68.5	140	124	80	165	159	157	157
1922																
May.....	106	65	52	38	58	109	110	90.5	58.2	120	80	114	110	127	136	136
June.....	136	65	51	33	59	90	160	93.6	62.0	108	107	113	112	112	102	102
July.....	116	65	44	40	57	75	162	97.7	61.6	95	117	111	72	100	99	99
August.....	138	64	45	51	54	80	170	98.0	62.6	93	96	109	91	105	85	85
September.....	132	63	47	42	55	72	154	97.5	67.7	63	80	105	70	79	78	78
October.....	140	59	45	46	51	74	143	101.0	67.1	89	122	98	102	106	76	76
November.....	108	56	44	43	49	81	164	101.8	67.8	102	133	88	108	113	73	73
December.....	49	54	52	59	49	107	145	108.4	69.1	100	107	84	127	110	90	90
1923																
January.....	52	59	65	55	48	148	149	109.0	69.3	124	123	84	168	150	94	94
February.....	33	64	56	43	47	155	114	115.4	70.8	112	125	82	160	119	116	116
March.....	58	69	52	54	46	173	160	116.2	72.8	149	150	77	186	151	152	152
April.....	81	71	47	49	45	161	169	120.2	74.5	131	156	70	165	154	162	162
May.....	113	70	66	42	46	171	135	110.3	73.8	155	132	72	181	180	163	163
June.....	132	67	61	42	47	148	154	117.9	73.1	150	199	77	173	181	175	175
July.....	107	66	50	33	44	119	131	113.6	69.0	154	98	83	160	188	141	141
August.....	104	64	53	47	43	111	160	109.5	65.0	122	109	84	159	144	160	160
September.....	103	61	48	53	43	96	149	107.8	63.3	123	106	78	125	144	161	161
October.....	116	57	54	49	41	99	175	106.4	63.1	143	123	80	157	168	165	165
November.....	95	54	49	50	38	90	168	104.9	63.9	167	136	83	179	176	157	157
December.....	53	52	68	40	38	114	158	104.2	63.3	151	107	90	177	157	212	212
1924																
January.....	40	54	46	30	31	154	112	104.2	63.7	142	160	85	158	160	174	174
February.....	32	58	48	37	37	182	140	104.6	66.1	150	185	77	163	168	181	181
March.....	47	61	57	44	31	183	136	108.5	65.3	170	168	76	144	215	147	147
April.....	68	61	58	34	33	185	111	106.3	65.6	205	170	80	189	189	169	169
May.....	79	61	55	29	35	133	97	106.6	64.5	202	126	92	229	217	152	152
June.....	98	59	48	35	37	124	100	103.6	61.7	187	137	100	167	194	177	177
July.....								101.0	59.4							
August.....								100.6	58.7							
September.....																
October.....																
November.....																
December.....																

See footnotes on opposite page also.

¹ Data compiled by the Federal Reserve Bank of Minneapolis. Stocks represent the inventories of 19 companies retailing lumber through 583 yards in the ninth Federal Reserve district; sales represent the total retail business reported by 21 companies operating 625 yards. Data for 1919 were estimated for a few companies on the basis of the correlation of reporting companies of 1919 and 1920.

² Data on Michigan hardwoods (chiefly maple, birch, basswood, and beech) are actual figures reported by about 40 mills each month to the Michigan Hardwood Manufacturers' Association. The number of mills varies from 35 to 62, but 44 is the highest number reporting since the beginning of 1920.

³ Quarterly average.

⁴ Ten months' average.

⁵ Compiled by the Northern Hemlock and Hardwood Manufacturers' Association, representing chiefly Wisconsin and upper Michigan mills. These figures represent actual reports from 60 to 75 mills each month. The hardwoods cut are mostly maple, birch, and beech.

Table 60.—HARDWOOD LUMBER

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	LUMBER AT RETAIL YARDS ¹ (all species, hard and soft, 9th Fed. Res. dist.)		MICHIGAN HARDWOOD ²			NORTHERN HARDWOOD ²		COMPOSITE PRICES ³		WALNUT ⁴							
	Sales	Stocks	Pro-duction	Ship-ments	Stocks, end of month	Pro-duction	Ship-ments	Hard-wood	Soft-wood	Lumber			Logs				
										Pro-duction	Ship-ments	Stocks on hand	Pur-chases	Made into lumber and veneer	Stocks on hand		
	Thous. of dollars	Thousands of feet, board measure							Dollars per M feet, b. m.		Thousands of feet, board measure			Thousands of feet, log measure			
1913 monthly av.						28,318	25,399										
1914 monthly av.						31,031	19,011										
1915 monthly av.						24,755	22,067										
1916 monthly av.						25,296	26,041										
1917 monthly av.			27,763	31,396	223,981	31,061	30,105										
1918 monthly av.			21,573	21,576	201,053	29,241	27,313										
1919 monthly av.	\$30,995	\$215,564	21,119	23,427	160,050	32,732	33,323										
1920 monthly av.	16,786	203,175	18,099	15,564	122,468	34,206	27,509		\$49.59								
1921 monthly av.	13,838	153,155	12,652	9,366	105,934	27,838	19,067	\$41.77	27.03								
1922 monthly av.	15,496	126,744	13,191	12,471	124,627	26,500	34,204	40.29	30.53	1,807	1,827	10,214	1,459	1,327	2,057		
1923 monthly av.	14,651	127,719	15,484	14,553	98,202	37,397	33,352	46.80	33.98	2,538	2,391	8,153	2,410	2,114	3,252		
1922																	
May	17,804	132,588	14,479	11,806	130,444	30,032	27,971	37.82	28.87	2,176	1,585	11,633	1,603	1,652	2,846		
June	22,765	132,802	14,274	10,235	131,186	25,576	40,623	39.10	30.76	1,960	2,053	11,504	1,631	1,487	2,125		
July	19,409	132,746	12,169	12,444	128,515	21,376	41,228	40.81	30.62	1,719	2,261	11,314	1,056	1,324	2,072		
August	23,223	130,363	12,575	16,073	121,257	22,522	43,103	40.93	31.02	1,675	1,852	11,083	1,333	1,399	1,773		
September	22,231	128,044	13,057	18,100	122,956	20,412	39,080	40.75	33.56	1,137	1,635	10,713	1,027	1,045	1,638		
October	23,424	119,396	12,417	14,599	113,394	20,874	36,262	42.23	33.28	1,603	2,345	10,654	1,456	1,405	1,591		
November	18,150	113,127	12,322	13,525	109,786	22,879	41,653	42.53	33.62	1,843	2,061	9,036	1,583	1,500	1,523		
December	8,212	110,215	14,439	18,383	109,035	30,272	36,722	45.29	34.27	1,807	2,063	8,563	1,651	1,453	1,871		
1923																	
January	8,714	119,256	18,129	17,200	107,124	42,003	37,771	45.54	34.36	2,215	2,472	8,529	2,454	1,986	1,957		
February	5,509	130,693	15,442	13,600	106,114	43,038	28,823	43.23	35.12	2,023	2,410	8,351	2,337	1,552	2,412		
March	9,712	130,248	14,365	16,961	102,477	49,070	40,512	48.52	36.12	2,697	2,992	7,906	2,720	2,002	3,176		
April	13,568	144,776	13,047	15,533	100,329	45,700	40,366	50.19	38.96	2,360	3,007	7,109	2,408	2,033	2,389		
May	19,031	141,407	18,281	13,253	102,970	48,531	34,383	49.55	38.02	2,799	2,535	7,355	2,647	2,384	3,395		
June	22,208	136,666	17,042	13,126	104,862	41,805	39,215	49.26	36.27	2,812	2,293	7,871	2,524	2,405	3,658		
July	17,924	134,748	13,949	10,273	99,533	33,608	33,364	47.46	34.26	2,785	1,869	8,450	2,190	2,501	2,934		
August	17,532	130,819	14,853	14,639	97,135	31,462	40,674	45.75	32.25	2,200	2,097	8,553	2,316	1,905	3,332		
September	17,312	124,335	13,221	16,538	96,160	27,060	37,822	45.02	31.39	2,214	2,039	7,943	1,830	1,905	3,369		
October	19,507	114,965	14,865	15,391	92,554	27,900	44,469	44.46	31.31	2,578	2,378	8,121	2,298	2,229	3,441		
November	15,936	110,446	13,091	15,614	84,046	25,372	42,738	43.83	31.71	3,009	2,623	8,506	2,618	2,312	3,695		
December	8,864	105,268	18,028	12,562	85,119	32,310	40,087	43.52	31.38	2,730	2,060	9,143	2,579	2,083	4,420		
1924																	
January	6,749	110,027	12,636	9,287	69,065	43,525	23,319	43.51	31.58	2,561	3,088	8,646	2,308	2,122	3,634		
February	5,374	118,343	13,261	11,723	68,033	51,576	35,802	43.71	32.50	2,702	3,568	7,819	2,393	2,235	3,782		
March	7,945	123,382	15,789	13,850	69,910	51,907	34,459	43.30	32.36	3,078	3,246	7,751	2,108	2,852	3,060		
April	11,363	124,622	16,011	10,765	74,332	52,249	28,070	44.40	32.52	3,704	3,285	8,167	2,756	2,502	3,312		
May	13,333	123,780	15,251	9,066	77,780	37,642	24,730	44.55	32.00	3,647	2,423	9,355	3,339	2,880	3,601		
June	16,468	119,194	13,215	10,907	82,551	35,185	25,323	43.29	30.59	3,375	2,647	10,168	2,443	2,573	3,694		
July								42.20	29.45								
August								42.04	29.12								
September																	
October																	
November																	
December																	

See footnotes on opposite page also.

These indexes are for the first week in each month as published in *Lumber*, and represent a combined weighted average for the respective series of lumber, based on various grades for each species, and the species weighted according to annual production of the previous year, changing about May of each year, when the new figures are available. The softwood index is based upon seven species: Yellow pine, Douglas fir, North Carolina pine, white pine, hemlock, spruce, and cypress. The hardwood index is based upon 13 species: Maple, birch, basswood, elm, oak, gum, ash, cottonwood, chestnut, poplar, hickory, and walnut. Compiled by American Walnut Manufacturers' Association from reports of identical firms representing from 50 to 60 per cent of the walnut lumber industry. Seven months' average: June to December inclusive.

Table 61.—LUMBER—MISCELLANEOUS SOFTWOODS

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	DOUGLAS FIR					MICHIGAN SOFTWOODS ⁴			NORTHERN HEMLOCK ⁵		CALIFORNIA REDWOOD ⁶			TOTAL LUMBER	
	Pro-duction ¹	Ship-ments ¹	Exports ²		Price, ³ No. 1, com- mon	Pro-duction	Ship-ments	Stocks, end of month	Pro-duction	Ship-ments	Pro-duction	Ship-ments	Orders re- ceived	Pro-duction ⁷	Ex-ports: Boards, planks, etc. ⁸
			Lum-ber	Tim-ber											
	Relative to 1917		Rel. to 1919	Rel. to 1922	Rel. to 1913	Relative to 1917			Relative to 1913		Relative to 1918			Rel. to 1913	Rel. to 5-yr. av.
1900-1913 monthly av.															100
1913 monthly av.			224		100				100	100				100	121
1914 monthly av.			187		86				100	89				96	84
1915 monthly av.			93		86				82	95				95	53
1916 monthly av.			93		113				84	98				103	51
1917 monthly av.	100	100	93		172	100	100	100	94	91				97	48
1918 monthly av.	107	112	90		198	67	74	69	89	104	100	100	100	85	48
1919 monthly av.	107	110	100		276	65	72	50	80	102	97	115	139	94	71
1920 monthly av.	109	104	150		325	53	37	52	72	53	118	124	106	94	72
1921 monthly av.	85	92	151		129	39	40	70	45	51	106	100	103	80	56
1922 monthly av.	126	126	204	100	166	45	46	49	62	72	131	154	166	103	72
1923 monthly av.	146	160	172	248	211	49	43	43	69	69	142	173	163	114	82
1922															
January	100	102	507	47	125	26	32	56	55	38	100	119	139	85	83
February	116	107	237	33	136	18	34	51	35	33	87	131	135	84	71
March	115	114	547	197	124	24	34	48	54	58	130	156	169	95	90
April	121	136	217	159	125	51	46	47	66	60	126	126	148	96	74
May	133	151	210	115	147	57	54	46	72	98	169	183	219	114	76
June	140	160	223	123	147	72	48	47	90	108	133	162	148	120	65
July	136	138	174	66	168	51	43	58	77	85	122	122	123	109	65
August	136	133	141	84	179	63	50	43	69	81	168	190	215	118	69
September	137	129	146	146	212	63	53	50	67	89	136	165	144	112	60
October	138	114	156	85	212	49	48	51	63	77	140	125	168	112	62
November	136	110	146	70	212	25	49	47	48	77	176	182	204	107	65
December	104	123	145	74	212	35	57	43	53	56	84	188	179	89	65
1923															
January	122	166	127	121	212	42	37	44	71	59	99	150	235	102	73
February	116	149	146	97	212	32	33	46	59	52	117	185	208	92	74
March	148	182	166	153	234	35	40	50	75	78	160	216	233	117	72
April	155	176	147	130	234	32	62	40	65	66	128	185	161	115	79
May	149	166	181	95	234	53	54	39	73	86	181	201	193	123	86
June	163	177	191	123	212	74	50	40	85	90	148	193	136	124	97
July	132	144	168	312	212	59	46	40	81	72	124	143	98	115	69
August	164	154	189	319	201	78	40	42	80	74	174	199	176	127	88
September	155	165	157	308	190	63	46	45	78	68	138	175	147	118	72
October	160	161	175	214	201	56	35	47	66	72	146	132	135	123	72
November	160	154	181	413	201	29	39	44	46	68	185	182	145	112	82
December	136	132	235	691	190	34	34	44	50	50	106	110	102	94	96
1924															
January	135	147	444	604	212	28	22	38	44	49	103	130	142	101	123
February	159	164	223	361	212	23	27	37	50	53	118	136	132	110	89
March	149	167	202	663	201	31	36	39	48	54	166	173	183	115	66
April	145	174	174	361	190	32	39	37	53	52	139	135	105	119	83
May	142	158	212	182	190	33	38	35	61	57	166	146	136	120	68
June	135	156	144	241	179	29	25	36	73	64	145	174	171	109	78
July															
August															
September															
October															
November															
December															

See footnotes on opposite page also.

¹ The figures of production and shipments of Douglas fir were obtained by applying the percentage figures of actual production and shipments to normal production of reporting mills as supplied by the West Coast Lumbermen's Association to the actual production of 124 mills for May, 1920. The production in that month was 447,654,547 board feet.

² Export figures are from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

³ Data from U. S. Department of Labor, Bureau of Labor Statistics, and represent average weekly prices for the month for the State of Washington.

⁴ Data on Michigan softwoods (chiefly hemlock) are actual figures reported by about 40 mills each month to the Michigan Hardwood Manufacturers' Association. The number of mills varies from 35 to 62, but 44 is the highest number reported since the beginning of 1920.

⁵ Compiled by the Northern Hemlock and Hardwood Manufacturers' Association, representing chiefly Wisconsin and upper Michigan mills, from actual reports of from 60 to 75 mills each month.

⁶ The California Redwood Association has furnished to the Bureau of the Census the figures on the actual production, shipments, and orders received by 7 identical mills for each month of 1918, 1919, and 1920. These 7 mills represent 40 per cent of the capacity of all listed mills for these years. For the first 4 months of 1921 reports were furnished from 10 mills representing 56 1/2 per cent of the capacity of all listed mills. For the remaining months of 1921 reports are available from 11 mills representing 71 per cent.

Table 62.—LUMBER—MISCELLANEOUS SOFTWOODS

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	DOUGLAS FIR					MICHIGAN SOFTWOODS ¹			NORTHERN HEMLOCK ²		CALIFORNIA REDWOOD ³			TOTAL LUMBER	
	Production ⁴	Shipments ⁵	Exports ⁶		Price, ⁷ No. 1, common	Production	Shipments	Stocks, end of month	Production	Shipments	Production	Shipments	Orders received	Production ⁸	Exports: Boards, planks, etc. ⁹
			Lumber	Timbers											
	Thousands of feet, board measure					Per M feet	Thousands of feet, board measure								
1909-13 mo. av.															178,388
1913 mo. av.					99.268				37,664	36,442				2,192,334	216,000
1914 mo. av.					7.917				37,603	32,339				2,102,337	149,145
1915 mo. av.					7.875				30,718	31,633				2,083,331	93,469
1916 mo. av.					10.375				31,793	35,659				2,062,175	91,216
1917 mo. av.	349,155	323,291	23,647		15.375	17,298	17,741	106,216	35,327	33,169				2,141,144	89,220
1918 mo. av.	375,128	361,251	22,709		18.250	11,061	13,200	84,180	33,643	37,974	37,460	28,547	28,745	1,874,419	81,452
1919 mo. av.	374,680	355,432	25,095		25.417	11,294	12,857	62,991	30,056	37,051	36,404	32,759	39,934	2,059,522	109,298
1920 mo. av.	350,850	335,735	37,602		29.917	9,207	6,494	55,618	27,290	18,431	44,243	35,337	30,576	2,059,575	129,227
1921 mo. av.	297,737	293,505	37,936		11.833	6,658	7,034	74,724	16,966	15,435	39,618	28,441	29,472	1,762,294	109,387
1922 mo. av.	440,241	408,848	51,225	14,371	15.250	7,717	8,103	52,045	23,483	26,088	49,035	44,010	47,805	2,270,551	128,514
1923 mo. av.	568,655	515,955	43,165	35,046	19.415	8,473	7,621	46,032	29,059	25,351	53,240	49,268	46,561	2,491,003	147,769
1922															
January	350,081	330,831	77,093	6,815	11.500	4,575	5,720	59,475	20,633	13,867	37,386	34,057	39,322	1,595,240	148,675
February	403,802	346,500	59,485	4,779	12.500	3,117	6,083	54,605	13,368	11,931	32,648	37,636	39,541	1,837,304	128,973
March	402,459	367,988	87,158	28,320	11.500	4,211	6,103	50,752	20,290	21,081	48,884	44,507	48,601	2,078,401	159,599
April	422,157	489,169	54,483	22,916	11.500	8,893	8,157	49,716	24,793	21,913	47,099	35,588	42,479	2,103,965	132,807
May	464,686	487,518	52,757	16,548	13.500	9,532	9,546	48,507	27,187	35,630	63,162	52,378	62,945	2,497,962	135,933
June	483,861	518,407	58,020	17,608	13.500	12,406	8,563	50,137	33,879	39,240	49,736	46,363	42,412	2,641,853	152,579
July	476,199	445,625	43,770	9,503	14.500	8,546	7,563	81,475	28,857	30,971	46,614	34,518	36,703	2,405,874	115,853
August	475,878	430,215	35,270	12,007	16.500	10,863	8,882	45,798	26,112	29,570	62,827	54,116	61,945	2,583,080	123,233
September	477,232	415,442	36,726	21,088	19.500	10,901	9,345	53,607	25,073	32,333	50,901	47,223	41,447	2,452,180	106,943
October	482,145	369,332	39,041	12,152	19.500	8,548	8,489	54,454	23,619	28,171	52,531	35,659	48,366	2,466,850	110,152
November	474,961	356,333	36,574	10,084	19.500	4,299	8,701	50,083	17,963	27,888	66,105	51,988	58,499	2,359,837	115,243
December	364,436	398,815	36,327	10,631	19.500	6,112	10,149	45,633	19,997	20,425	31,527	53,589	51,492	1,954,228	115,097
1923															
January	424,242	503,701	31,991	17,349	19.500	7,243	6,537	46,418	29,614	21,535	37,001	42,799	67,422	2,231,014	130,772
February	403,561	450,299	36,604	13,990	19.500	5,556	8,839	48,436	22,320	19,109	43,896	52,740	59,658	2,029,775	132,534
March	515,698	589,561	41,658	21,994	21.500	5,981	7,123	53,490	28,334	28,432	59,844	61,796	66,878	2,562,294	129,734
April	539,871	568,074	36,993	18,636	21.500	5,565	10,919	42,960	24,636	24,117	47,855	52,744	43,317	2,518,479	141,630
May	521,070	534,072	45,501	13,632	21.500	9,180	9,551	41,100	27,640	31,170	67,938	57,226	55,326	2,742,501	162,027
June	567,626	573,266	47,833	17,641	19.500	12,868	8,913	42,085	32,086	22,656	55,312	54,986	39,966	2,731,978	172,299
July	461,532	466,904	42,160	44,858	19.500	10,259	8,227	42,228	30,344	26,364	46,235	40,712	28,147	2,523,123	158,937
August	637,185	496,897	47,456	45,817	18.500	13,476	7,057	44,707	30,731	26,961	65,222	56,912	50,570	2,755,918	157,710
September	542,110	532,261	39,412	44,299	17.500	10,952	8,218	48,120	29,293	24,743	51,625	50,026	42,148	2,550,319	128,171
October	557,330	521,518	48,971	30,783	18.500	9,725	6,205	49,606	24,711	26,260	54,774	37,299	38,921	2,710,563	127,514
November	557,161	498,553	45,369	59,410	18.500	5,027	6,839	40,217	17,258	21,613	68,238	52,056	41,744	2,463,326	145,020
December	476,483	425,585	59,007	99,343	17.500	5,968	5,968	47,005	18,710	18,249	39,785	31,822	29,192	2,099,538	171,612
1924															
January	470,776	473,990	111,340	86,549	19.500	4,474	3,896	40,127	16,528	17,951	38,673	36,997	40,773	2,229,295	218,357
February	553,749	528,681	56,019	61,870	19.500	3,960	4,705	39,185	18,765	19,136	44,367	38,847	38,040	2,425,712	159,215
March	518,832	538,528	50,576	95,224	18.500	5,320	6,426	41,870	18,002	19,710	62,367	49,525	52,597	2,527,790	153,337
April	507,193	583,149	43,580	51,825	17.500	5,511	6,997	39,823	19,500	18,821	51,966	38,462	30,266	2,618,279	148,937
May	491,524	510,595	53,219	26,201	17.500	5,719	6,718	37,487	23,794	20,951	62,021	41,764	39,986	2,632,763	157,769
June	472,002	502,806	36,213	34,686	16.500	5,046	4,356	33,637	27,377	23,255	54,235	49,709	40,050	2,355,843	138,792
July															
August															
September															
October															
November															
December															

See footnotes on opposite page also.

cent of the total listed capacity, and for 1922 reports are available from 14 mills representing 73 per cent of the total listed capacity. The actual average monthly production of the 7 reporting mills for 1918 was 14,984,000 feet. On the basis of 40 per cent capacity, the 1918 average monthly production of all mills is computed as 37,460,000 feet. Regarding this as normal production, there has been computed the probable production of the total redwood capacity based on the proportion which capacity of the reporting mills bears to the total of all mills. The columns on shipments and orders received represent a similar relationship between the actual reported figures and the total capacity of all mills.

¹ Figures in this column represent the total cut of 10 species of lumber—yellow pine, Douglas fir, hemlock, western pine, redwood, maple, birch, beech, white fir, and sugar pine—representing over 70 per cent of the total cut of lumber in the United States. Annual figures for 1913 and 1914 are from actual reports to the U. S. Department of Agriculture, Forest Service, and from 1915 through 1920 are computed on the basis of actual reports to the Forest Service. Monthly figures for 1920 are obtained by prorating the cut of each species as reported by the associations whose figures are carried on these columns to the Forest Service totals. For subsequent months prorating is done on an approximate average for the years 1917 to 1920.

² Quarterly average.
³ Ten months' average.

Table 63.—FLOORING AND NAVAL STORES¹

[Relative number for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	MAPLE FLOORING					OAK FLOORING					TURPENTINE ²		ROSIN ²	
	Production	Shipments	Stocks, end of month	Orders booked	Unfilled orders	Production	Shipments	Orders booked	Stocks, end of month	Unfilled orders	Net receipts (\$ ports)	Stocks (\$ ports)	Net receipts (\$ ports)	Stock (\$ ports)
	Relative to 1919					Relative to 1913					Relative to 1919-20 ³			
1909-1913 mo. av.						71	76	77	131	85				
1913 monthly av.						100	100	100	100	100				
1914 monthly av.						112	114	122	183	80	174		150	
1915 monthly av.						138	148	156	232	98	150	192	165	137
1916 monthly av.						173	191	187	250	210	173	240	166	162
1917 monthly av.						167	174	147	277	288	151	358	143	161
1918 monthly av.						73	92	78	294	109	84	383	83	135
1919 monthly av.	100	100	100	100	100	151	184	193	160	207	100	100	100	100
1920 monthly av.	103	70	103	36	70	161	130	104	268	178	143	109	123	100
1921 monthly av.	83	69	199	63	27	186	226	230	375	149	146	149	119	157
1922 monthly av.	114	101	182	86	53	343	398	389	256	456	143	86	148	154
1923 monthly av.	117	100	138	78	70	451	431	472	373	610	174	92	174	133
1921														
September	75	80	187	68	28	223	280	273	371	132	192	179	154	162
October	108	93	185	105	38	244	363	451	308	287	153	187	140	156
November	113	94	184	102	46	254	325	389	232	200	161	206	171	153
December	117	76	200	49	36	262	301	214	242	288	151	215	203	168
1922														
January	110	72	216	50	32	289	249	223	305	293	46	172	109	163
February	92	67	222	57	31	259	274	263	321	288	21	107	69	149
March	92	90	221	87	39	305	378	385	312	344	22	62	79	141
April	94	88	217	98	48	298	370	491	296	462	86	36	104	127
May	110	116	196	130	66	328	420	501	261	557	188	15	166	126
June	118	121	173	98	69	352	477	401	225	530	205	35	180	143
July	104	109	159	78	65	361	494	350	230	492	212	53	176	154
August	130	118	151	84	59	415	460	425	234	513	225	83	190	164
September	125	107	150	85	58	358	427	360	235	496	196	95	180	167
October	134	103	158	83	57	395	466	393	211	445	174	103	142	166
November	127	110	155	80	54	402	440	480	213	486	174	129	189	176
December	136	108	163	102	58	352	408	392	236	564	163	144	199	174
1923														
January	130	112	162	173	94	412	402	494	283	695	68	125	122	169
February	113	96	165	113	105	366	417	548	281	785	39	94	83	141
March	123	129	150	129	111	483	582	649	281	908	36	47	87	111
April	114	128	123	77	96	460	534	414	264	791	107	49	116	101
May	120	110	124	57	90	519	533	372	298	683	224	59	189	165
June	105	93	122	35	74	514	467	247	375	531	256	42	209	167
July	105	89	122	40	57	457	374	294	452	441	266	68	227	169
August	124	99	127	51	49	486	501	450	451	377	287	95	247	131
September	104	84	128	61	46	428	506	582	448	453	234	117	204	144
October	123	98	129	66	39	438	518	501	429	481	218	119	206	147
November	118	83	143	64	40	459	477	494	461	520	174	126	190	158
December	116	75	157	73	40	390	457	620	457	658	184	162	213	173
1924														
January	102	68	141	104	49	451	517	690	428	780	71	134	111	153
February	97	73	147	61	51	435	507	470	425	732	33	110	90	130
March	100	78	149	52	46	489	508	426	451	707	36	76	98	113
April	99	69	158	34	36	508	540	424	496	634	102	72	102	101
May	83	55	163	34	28	566	635	505	552	568	229	76	201	117
June	75	63	164	45	25	493	561	505	558	498	260	105	197	120
July														
August														
September														
October														
November														
December														

See footnotes on opposite page.

Table 64.—FLOORING AND NAVAL STORES¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	MAPLE FLOORING					OAK FLOORING					TURPENTINE ²		ROSIN ²	
	Production	Shipments	Stocks, end of month	Orders booked	Unfilled orders	Production	Shipments	Orders booked	Stocks, end of month	Unfilled orders	Net receipts (3 ports)	Stocks (3 ports)	Net receipts (3 ports)	Stocks (3 ports)
	Thousands of feet, board measure										Barrels			
1909-1913 mo. av.						4,572	4,572	4,719	11,760	6,160				
1913 monthly av.						6,675	6,069	6,164	9,000	7,246				
1914 monthly av.						7,464	6,877	7,419	16,500	5,800	26,494	69,721	83,914	
1915 monthly av.						9,205	8,894	9,525	20,900	7,100	22,807	69,721	92,260	275,273
1916 monthly av.						11,563	11,470	11,429	22,500	15,250	28,312	74,513	93,023	325,956
1917 monthly av.						11,120	10,446	8,956	24,000	20,900	23,034	111,390	80,202	322,345
1918 monthly av.						4,858	5,537	4,781	26,500	7,900	12,736	119,138	46,423	270,594
1919 monthly av.	10,039	11,548	15,448	14,163	35,289	10,101	11,070	11,782	14,433	15,038	15,246	31,092	44,837	240,621
1920 monthly av.	10,383	8,259	15,963	5,106	26,723	10,745	7,600	6,343	23,237	12,902	21,869	34,013	68,983	204,226
1921 monthly av.	8,378	8,121	30,749	8,991	10,193	12,411	13,595	14,058	33,729	10,816	22,205	46,315	66,574	314,974
1922 monthly av.	11,479	11,934	28,040	12,194	20,311	22,677	23,945	23,723	23,006	33,060	21,752	26,762	83,049	309,340
1923 monthly av.	11,734	11,805	21,343	11,085	26,504	30,103	28,878	28,313	33,609	44,258	26,572	28,694	97,575	266,935
1921														
September	7,510	9,472	28,893	9,632	10,868	14,900	16,837	16,667	33,415	9,552	23,204	55,509	86,008	324,486
October	10,851	11,066	28,516	14,897	14,597	16,266	21,200	27,559	27,742	20,608	23,328	58,066	78,115	313,904
November	11,329	11,141	28,383	14,517	17,481	16,933	19,544	23,771	20,922	21,022	24,551	63,913	95,601	307,496
December	11,713	9,042	30,865	6,927	13,894	17,510	18,065	13,070	21,763	20,688	23,070	66,965	113,524	336,680
1922														
January	11,024	8,533	33,329	7,051	12,226	19,262	14,970	13,606	27,467	21,330	7,054	53,423	61,209	327,932
February	9,274	7,947	34,248	8,105	11,818	17,282	16,455	16,063	28,856	20,607	3,240	33,204	38,533	299,305
March	9,232	10,611	34,187	12,323	14,905	20,367	22,690	23,479	28,090	24,935	3,201	19,260	44,069	282,428
April	9,478	10,429	33,467	13,902	18,426	19,892	22,227	29,951	26,615	33,501	13,139	11,081	58,015	255,326
May	11,031	13,725	30,215	18,387	25,109	21,914	25,251	30,608	23,534	40,417	28,659	4,601	93,019	251,623
June	11,866	14,280	26,719	13,920	26,330	23,495	28,040	24,472	20,245	38,434	31,306	10,731	100,556	287,138
July	10,434	12,056	24,528	11,078	25,076	24,082	24,261	21,340	26,712	35,637	32,306	16,491	98,368	306,027
August	13,047	14,002	23,272	11,950	22,668	27,660	27,037	25,971	21,054	37,173	34,346	25,849	106,008	329,268
September	12,518	12,705	23,111	12,093	22,397	23,903	26,672	21,991	20,120	35,957	29,797	29,601	100,522	335,702
October	13,442	12,243	24,344	11,791	21,872	26,357	29,185	23,973	19,014	32,296	26,454	31,949	79,355	332,747
November	12,755	13,010	23,908	11,281	20,580	26,828	26,431	29,280	19,132	35,209	26,582	40,161	105,600	352,465
December	13,648	12,782	25,156	14,444	22,324	23,473	24,510	23,948	21,230	40,925	24,835	44,774	111,108	349,917
1923														
January	13,929	13,269	25,023	24,481	36,084	27,473	24,162	30,137	25,447	50,398	10,326	38,758	67,967	338,957
February	11,333	11,354	25,539	16,033	40,200	24,421	25,031	33,458	25,301	66,936	5,914	29,268	40,644	282,610
March	12,344	15,329	23,161	18,321	42,434	32,236	34,964	39,641	25,297	65,623	5,431	14,596	48,445	222,501
April	11,401	15,181	19,060	10,924	36,722	30,706	32,068	25,298	23,749	57,356	16,267	15,312	65,058	202,391
May	12,069	12,999	19,131	8,034	34,578	34,636	32,009	22,677	26,816	49,548	34,130	18,224	105,626	211,063
June	10,509	11,033	18,867	4,987	26,265	34,342	28,067	15,081	33,793	38,530	39,014	18,113	116,902	215,100
July	10,590	10,515	18,829	5,671	21,715	30,489	22,501	17,924	40,708	32,000	40,580	21,285	127,069	219,135
August	12,447	11,718	19,552	7,163	18,681	32,429	30,108	27,444	40,634	27,355	43,672	29,672	138,320	263,457
September	10,422	9,923	19,794	8,693	17,671	28,546	30,421	35,538	40,306	32,673	35,693	36,375	114,308	289,564
October	12,312	11,595	19,861	9,394	14,797	29,267	31,117	30,551	38,646	34,868	33,253	37,141	115,428	295,389
November	11,813	9,858	22,159	9,022	15,129	30,654	28,651	30,158	41,467	37,714	26,586	39,221	100,088	316,820
December	11,633	8,876	24,239	10,381	16,376	26,032	27,435	37,851	41,140	47,700	27,986	50,315	119,011	346,220
1924														
January	10,225	8,109	21,831	14,736	16,655	30,136	31,050	42,141	38,595	56,554	10,788	41,545	61,971	300,606
February	9,752	8,698	22,747	8,663	19,534	29,033	30,441	28,688	38,222	53,052	5,078	34,148	50,610	261,109
March	10,070	9,186	23,008	7,383	17,625	32,659	30,547	26,021	40,627	51,283	5,540	23,487	30,578	236,775
April	9,900	8,225	24,383	4,819	13,902	33,927	32,442	25,867	44,677	45,938	15,581	22,456	57,310	203,159
May	8,349	6,472	25,243	4,769	10,736	37,769	38,185	30,853	49,706	41,164	34,949	23,595	112,571	231,644
June	7,492	7,425	25,406	6,436	9,596	32,935	33,763	30,824	50,159	36,093	39,620	32,499	110,088	241,108
July														
August														
September														
October														
November														
December														

¹ Data on maple flooring (including also birch and beech) are from reports of 20 identical mills to the *Maple Flooring Manufacturers' Association*, said to represent about 70 per cent of the industry; data on oak flooring from reports of the *Oak Flooring Manufacturers' Association*, by 25 mills, said to represent about 90 per cent of the total oak flooring industry; receipts and stocks at end of month of turpentine and rosin at Jacksonville, Savannah, and Pensacola compiled from reports of *Savannah Board of Trade*, *Jacksonville Chamber of Commerce*, *Pensacola Chamber of Commerce*, and the *Naval Stores Review*.

² Monthly averages for years refer to seasons beginning April 1, of year indicated.

Table 65.—ENAMELED SANITARY WARE

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	BATHS				LAVATORIES			SINKS			MISCELLANEOUS			TOTAL SMALL WARE
	Orders shipped	Stocks	Orders received	Unfilled orders	Orders shipped	Stocks	Orders received	Orders shipped	Stocks	Orders received	Orders shipped	Stocks	Orders received	Unfilled orders
	Relative to 1919			Relative to 1921	Relative to 1919									Relative to 1921
1913 mo. av.	115				104			98			111			
1914 mo. av.	123				108			105			122			
1915 mo. av.	136				122			129			103			
1916 mo. av.	148				143			136			144			
1917 mo. av.	96				98			89			78			
1918 mo. av.	56	144	31		71	95	47	61	116	40	82	96	61	
1919 mo. av.	100	100	100		100	100	100	100	100	100	100	100	100	
1920 mo. av.	149	50	53		112	31	73	110	53	65	109	59	68	
1921 mo. av.	120	179	59	100	127	78	77	122	89	73	119	112	76	100
1922 mo. av.	216	89	133	337	200	57	159	175	74	141	160	86	145	312
1923 mo. av.	261	84	139	622	271	40	166	209	47	145	204	64	151	685
1921														
September	157	75	82	104	145	85	92	134	102	68	131	118	92	91
October	183	71	89	97	169	67	111	170	85	110	154	103	108	92
November	148	96	59	74	120	72	70	130	91	71	117	101	75	72
December	112	126	60	73	99	80	68	105	106	71	97	115	71	73
1922														
January	141	127	84	105	138	73	110	136	103	97	137	104	132	100
February	158	135	75	106	157	73	95	136	103	82	128	101	89	89
March	194	167	93	112	202	90	132	168	122	110	162	121	117	107
April	235	143	159	164	226	75	193	184	107	162	179	107	155	159
May	247	113	221	358	241	56	266	204	82	225	183	97	197	538
June	246	90	192	434	229	49	225	200	66	191	177	83	184	376
July	213	71	146	468	189	45	155	164	56	143	146	79	149	431
August	237	56	121	438	211	44	139	178	49	119	155	77	140	393
September	228	51	119	455	202	40	139	170	48	132	173	65	143	397
October	236	65	114	436	198	43	131	183	46	119	160	65	127	396
November	226	81	133	466	203	46	152	181	52	161	154	66	152	465
December	233	90	140	504	203	48	172	192	56	153	170	76	161	495
1923														
January	267	102	211	613	216	48	247	223	51	233	197	78	233	642
February	257	100	193	740	196	44	223	190	50	199	166	65	187	771
March	282	102	175	761	242	40	215	218	52	178	207	71	172	818
April	254	84	151	780	215	39	195	190	43	157	191	70	56	851
May	270	80	111	726	240	32	139	202	41	122	204	63	149	825
June	228	70	96	703	220	33	106	196	38	87	209	60	107	789
July	234	64	97	607	218	34	110	191	39	91	187	60	119	699
August	262	71	109	610	270	34	140	214	42	118	219	62	130	619
September	252	71	108	493	249	33	124	196	40	107	191	54	111	586
October	329	72	153	475	323	37	179	259	46	161	238	66	150	569
November	263	89	124	466	266	50	148	215	53	137	216	59	152	543
December	234	103	142	498	243	60	162	216	69	154	225	65	147	527
1924														
January	276	125	163	530	284	74	186	252	77	181	262	80	209	545
February	285	143	211	576	288	79	216	252	78	187	266	75	251	586
March	337	159	187	603	326	85	196	289	80	184	311	97	195	599
April	298	155	140	586	280	90	142	239	81	126	279	102	146	533
May	292	153	107	525	242	103	98	232	93	98	275	119	116	425
June	245	154	104	446	214	101	106	205	103	92	241	133	126	354
July														
August														
September														
October														
November														
December														

See footnotes on opposite page.

Table 66.—ENAMELED SANITARY WARE¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	BATHS				LAVATORIES			SINKS			MISCELLANEOUS			TOTAL SMALL WARE ²
	Orders shipped	Stocks	Orders received	Unfilled orders	Orders shipped	Stocks	Orders received	Orders shipped	Stocks	Orders received	Orders shipped	Stocks	Orders received	Unfilled orders
	Number													
1913 mo. av.	39,831				47,754			53,428						
1914 mo. av.	42,450				49,527			57,789						
1915 mo. av.	46,977				55,769			70,626						
1916 mo. av.	51,181				65,230			74,203						
1917 mo. av.	33,172				44,888			48,419						
1918 mo. av.	19,495	60,530	21,514		32,697	132,369	34,322	33,097	145,329	35,069	23,405	77,034	25,427	
1919 mo. av.	34,608	42,175	69,872		45,768	139,751	73,612	54,594	125,814	68,018	28,353	79,869	41,990	
1920 mo. av.	51,441	20,951	36,774		51,438	43,302	53,439	60,231	66,333	57,502	31,062	47,410	27,691	
1921 mo. av.	41,510	75,324	40,911	40,816	58,169	109,318	56,315	66,458	111,764	64,577	33,640	59,394	31,503	129,261
1922 mo. av.	74,814	41,768	93,033	137,628	91,512	79,507	117,222	95,327	93,336	124,179	45,531	68,400	60,933	403,506
1923 mo. av.	90,396	35,439	97,316	253,957	110,479	56,408	121,891	114,146	69,168	127,919	57,913	51,260	63,290	585,820
1921														
September.....	54,377	31,474	57,024	43,375	66,328	118,272	67,381	73,101	127,822	77,359	37,268	94,134	36,359	117,101
October.....	63,217	30,010	62,279	39,412	77,293	94,091	81,978	92,820	107,332	97,104	43,792	82,017	45,137	119,067
November.....	51,259	40,687	41,173	30,763	54,924	100,912	51,677	70,899	114,830	62,228	33,330	60,950	31,537	93,168
December.....	38,818	53,140	41,993	29,087	45,176	111,834	49,061	57,430	133,014	62,222	27,518	91,643	29,679	93,744
1922														
January.....	48,947	53,422	58,953	42,908	63,151	102,190	80,913	73,976	129,586	85,549	38,875	83,242	55,157	128,811
February.....	54,829	56,759	52,683	43,368	71,676	101,566	69,798	74,480	129,605	72,249	36,272	80,742	37,148	114,967
March.....	67,265	70,587	65,072	45,868	92,475	126,228	97,495	91,875	152,980	96,530	45,979	86,334	49,201	138,374
April.....	81,234	60,260	111,034	66,743	103,596	104,543	142,240	100,512	135,071	142,458	50,755	85,528	64,754	206,684
May.....	85,550	47,694	154,232	146,129	110,226	78,062	196,148	111,302	102,747	197,655	62,075	77,758	82,546	436,787
June.....	85,138	37,846	134,206	177,197	104,671	68,558	165,855	109,151	82,831	168,410	50,161	66,636	77,092	456,331
July.....	73,553	29,756	102,112	191,038	86,532	62,349	113,880	89,491	70,789	125,557	41,549	62,081	62,349	557,488
August.....	81,849	23,488	84,866	178,827	96,796	62,142	102,485	97,031	62,272	104,578	44,072	61,311	58,671	508,905
September.....	78,967	21,716	82,878	185,603	92,412	55,861	102,455	92,558	60,861	115,968	49,054	52,025	60,071	513,113
October.....	81,783	27,436	79,666	178,120	90,052	60,125	96,730	100,072	58,442	104,687	45,544	51,645	53,195	512,259
November.....	78,089	34,370	92,810	190,070	92,973	64,822	111,726	98,899	64,462	141,428	43,706	52,445	63,535	600,466
December.....	80,593	37,886	97,878	205,659	92,985	67,618	126,934	104,564	70,491	135,075	48,334	60,123	67,451	640,440
1923														
January.....	92,500	42,881	147,505	250,369	99,058	66,417	181,707	121,894	63,797	204,931	55,844	60,466	97,798	829,235
February.....	88,912	41,980	135,031	301,911	89,684	61,676	164,450	103,571	62,828	175,262	47,161	62,290	78,211	997,126
March.....	97,718	43,222	122,567	310,740	110,656	55,643	157,961	118,822	65,465	156,906	58,621	56,009	72,110	1,056,942
April.....	87,992	35,529	105,487	318,329	98,396	54,982	143,344	103,705	54,093	138,479	54,180	55,526	65,228	1,100,340
May.....	93,583	33,866	77,686	296,497	109,759	44,391	102,677	110,013	51,610	107,050	57,866	49,984	62,288	1,066,772
June.....	78,954	29,462	67,404	286,888	100,672	45,978	77,782	107,067	47,539	76,582	59,204	47,777	44,998	1,003,103
July.....	81,082	27,107	67,770	245,568	99,903	47,763	80,649	104,053	48,715	80,430	52,946	47,642	49,745	903,944
August.....	90,721	30,110	76,221	248,844	123,402	47,599	102,730	116,916	52,718	103,543	62,093	49,489	54,486	799,841
September.....	87,376	29,782	75,795	201,180	113,802	46,549	91,523	107,109	50,912	93,932	54,217	43,422	46,434	749,251
October.....	113,718	30,429	106,780	193,805	147,648	62,110	131,849	141,407	57,963	141,702	67,492	52,529	62,824	735,351
November.....	91,128	37,342	66,634	190,019	121,741	69,412	108,631	117,222	67,265	120,456	61,388	47,294	63,824	701,490
December.....	81,069	43,557	98,916	203,329	111,029	84,373	119,387	117,955	87,147	135,726	63,944	51,786	61,533	681,446
1924														
January.....	95,562	52,924	114,203	216,295	129,988	103,252	137,084	137,624	97,366	159,541	74,484	63,964	57,425	704,194
February.....	98,568	60,462	147,511	235,279	131,921	111,044	158,696	137,523	97,962	164,877	75,527	60,095	105,168	756,311
March.....	116,717	63,415	130,375	245,921	149,302	118,781	144,384	157,799	100,410	162,184	88,371	77,359	81,839	774,831
April.....	102,984	65,299	97,606	239,118	128,002	125,695	104,210	130,247	102,458	110,813	79,249	81,561	61,632	689,068
May.....	101,146	64,399	74,494	214,309	110,697	144,088	72,441	126,627	116,826	85,664	78,100	94,829	48,871	549,450
June.....	84,665	65,093	72,436	181,907	97,963	140,810	78,185	112,062	129,662	81,069	68,345	106,031	52,917	458,182
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

¹ Monthly production data beginning January, 1922, represent complete production, including total membership of the Enamelled Sanitary Ware Manufacturers' Association and reports to the Bureau of the Census from outside manufacturers, except that a few small firms were not able to furnish complete reports prior to January, 1924; data now include 21 manufacturers. Data prior to 1922 are totals of the association reports representing about 98 per cent of the industry.

² Small ware includes lavatories, sinks, and miscellaneous.

³ Average of 8 months, May to December, inclusive.

Table 67.—BRICK¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	CLAY FIRE BRICK ²					SILICA BRICK ³			FACE BRICK ⁴				Wholesale price common, red, N. Y.	
	Production	Shipments	Stocks	New orders	Unfilled orders	Production	Shipments	Stocks	Production	Finished stocks at yards	Unfilled orders	Shipments		
	Relative to 1919													Relative to 1920	Relative to 1913
1913 monthly average.....														100
1914 monthly average.....														84
1915 monthly average.....														92
1916 monthly average.....														122
1917 monthly average.....														135
1918 monthly average.....														182
1919 monthly average.....	100	100	100	100	100	100	100	100	100	100	100	100		243
1920 monthly average.....	120	123	93	120	198	108	111	103	117	157	176	100		333
1921 monthly average.....	63	57	99	45	39	37	35	100	105	182	64	95		232
1922 monthly average.....	92	90	110	95	59	79	75	92	144	178	121	145		265
1923 monthly average.....	119	114	121	111	92	93	95	103	147	195	169	153		302
1922														
May.....	92	87	110	99	49	87	76	91	187	188	173	209		302
June.....	95	90	111	112	61	82	76	93	183	176	161	207		307
July.....	93	91	114	108	73	81	89	90	140	147	147	167		307
August.....	102	97	117	102	80	69	83	86	165	150	152	189		290
September.....	96	104	113	116	85	91	81	89	154	133	139	149		255
October.....	110	117	110	99	76	112	94	95	182	160	134	151		232
November.....	111	107	112	105	76	99	81	101	151	161	105	145		225
December.....	106	108	112	99	72	97	78	108	149	182	96	110		266
1923														
January.....	123	114	118	126	81	102	102	111	129	191	149	137		305
February.....	111	105	118	131	95	103	103	109	102	208	186	98		305
March.....	131	139	115	193	127	119	127	107	147	217	226	160		305
April.....	127	129	114	130	130	99	103	101	150	192	245	189		305
May.....	133	131	114	103	115	119	128	101	167	179	209	211		305
June.....	126	119	117	90	100	109	115	99	157	173	197	176		309
July.....	118	114	120	93	91	103	104	99	163	199	188	170		320
August.....	123	117	122	98	81	88	88	100	171	177	168	174		311
September.....	110	106	125	94	79	71	70	100	* 140	* 184	146	139		305
October.....	121	111	129	93	69	86	80	102	165	194	116	162		290
November.....	107	97	133	87	65	60	61	105	138	200	105	128		274
December.....	92	95	132	92	64	43	61	99	134	229	93	91		290
1924														
January.....	111	107	143	128	74	95	110	101	111	250	122	80		305
February.....	117	114	146	131	85	123	130	99	123	276	147	110		305
March.....	130	116	153	115	84	160	157	106	135	253	163	174		305
April.....	124	113	156	109	87	122	126	104	169	238	182	204		305
May.....	116	107	160	85	76	102	98	106	179	213	169	213		305
June.....	100	89	164	72	68	63	75	104	166	207	159	181		305
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹ Wholesale prices are monthly averages from U. S. Department of Labor, Bureau of Labor Statistics; clay, fire, and silica brick data are from the Refractories Manufacturers' Association and face brick from the American Face Brick Association.² Figures for 1921 are from reports of 63 identical mills with a monthly capacity of 78,645,942 bricks, which is estimated by the association to represent from 63 to 70 per cent of the total clay fire brick capacity of the United States. Figures for 1919, 1920, and 1922 are computed to this capacity, respectively, from reports from 53, 56, and 60 mills having a monthly capacity for the years in question of 71,572,186 and 73,526,103, and 73,307,190 bricks.³ Figures for 1921 are from reports of 15 identical mills with a monthly capacity of 27,305,500 bricks, which is estimated by the association to represent from 78 to 80 per cent of the total silica brick producing capacity of the United States. Figures for earlier years are computed to this capacity from reports of 12 identical mills with a monthly capacity of 25,448,833 bricks.

Table 68.—BRICK¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	CLAY FIRE BRICK ²					SILICA BRICK ³			FACE BRICK ⁴				Whole-sale price	
	Pro-duction	Ship-ments	Stocks	New orders	Un-filled orders	Pro-duction	Ship-ments	Stocks	Pro-duction	Fin-ished stocks at yards	Un-filled orders	Ship-ments	Common red, N. Y.	
	Thousands of bricks													Per thous.
1913 monthly average														\$6.56
1914 monthly average														5.53
1915 monthly average														6.05
1916 monthly average														8.04
1917 monthly average														8.89
1918 monthly average														11.93
1919 monthly average	50,750	50,635	138,779	51,400	95,081	14,080	14,010	44,702	14,047	34,019	27,553			15.56
1920 monthly average	60,725	62,400	129,242	61,809	182,535	14,882	15,579	42,912	16,362	53,269	48,430	13,567		21.85
1921 monthly average	32,029	29,114	136,967	22,958	35,976	5,216	4,865	41,563	16,343	61,983	17,489	13,728		15.25
1922 monthly average	46,512	45,380	152,629	40,082	54,824	11,099	10,521	38,257	22,460	60,655	32,257	20,202		17.56
1923 monthly average	60,325	57,895	168,423	56,090	85,062	13,015	13,322	42,882	22,967	60,141	46,518	21,551		19.81
1922														
May	46,816	44,120	152,218	51,024	45,283	12,227	10,693	37,811	29,264	63,867	47,572	29,202		19.81
June	48,377	45,712	153,485	57,834	56,830	11,571	10,670	38,737	28,673	59,804	43,283	28,923		20.15
July	47,238	45,884	158,222	55,073	67,551	11,339	12,532	37,582	21,922	49,959	40,434	23,379		20.15
August	51,855	49,094	162,844	52,278	74,427	9,659	11,681	35,731	25,756	51,080	41,761	26,361		19.00
September	48,844	52,712	156,879	59,764	70,473	12,852	11,336	37,113	24,076	46,885	38,313	20,870		16.75
October	55,984	59,279	152,127	51,134	70,831	15,764	13,149	30,727	28,555	54,473	36,856	21,075		15.25
November	56,570	54,418	155,905	54,216	71,055	13,864	11,345	42,278	23,689	54,689	28,917	20,255		14.75
December	53,644	54,559	155,010	50,883	67,400	13,053	10,986	45,072	23,369	61,908	26,538	15,296		17.48
1923														
January	64,837	57,631	163,045	64,878	75,527	14,504	14,270	46,167	20,149	64,877	41,087	19,687		20.00
February	56,094	53,323	163,392	67,153	88,730	14,541	14,417	45,504	16,012	70,751	51,246	13,660		20.00
March	66,494	70,591	159,183	99,340	118,319	16,750	17,780	44,483	23,001	73,756	62,139	22,384		20.00
April	64,060	66,253	157,657	66,778	120,004	13,977	14,362	42,251	23,515	65,447	67,371	26,423		20.00
May	67,215	66,296	158,867	53,058	107,351	16,679	18,004	42,304	26,057	60,919	57,363	29,421		20.00
June	63,848	60,319	162,398	46,223	93,255	15,257	16,014	41,517	24,640	58,875	54,128	24,563		20.39
July	60,074	57,575	166,523	47,623	81,271	14,497	14,578	41,437	25,491	67,787	51,826	24,767		21.00
August	62,247	59,474	169,318	50,620	70,534	12,398	12,261	41,574	26,786	60,197	46,252	24,334		20.39
September	55,826	50,723	173,531	48,455	73,244	9,962	9,890	41,715	21,862	45,463	40,134	19,439		20.00
October	61,226	56,501	178,864	47,972	64,364	12,130	11,259	42,607	25,805	47,891	31,979	22,646		19.00
November	54,498	48,902	184,389	44,681	60,372	9,665	8,514	43,757	21,575	49,303	29,002	17,836		18.00
December	46,878	48,151	183,007	47,158	59,107	6,989	8,466	41,261	20,939	56,436	25,611	12,650		10.00
1924														
January	56,347	54,111	198,315	66,080	69,833	13,400	15,391	42,298	17,366	61,575	33,592	11,231		20.00
February	59,511	57,594	201,755	67,616	79,600	17,355	18,247	41,407	19,284	67,937	40,524	15,353		20.00
March	65,704	68,619	212,551	69,122	77,878	22,489	22,011	44,093	21,068	62,240	44,872	24,367		20.00
April	62,708	57,204	216,710	56,055	81,237	17,180	17,658	43,615	26,373	58,462	50,085	28,482		20.00
May	58,900	54,027	221,583	43,728	70,039	14,346	13,751	44,211	27,954	52,398	46,420	29,769		20.00
June	50,734	45,015	277,233	37,101	62,920	9,612	10,475	43,349	25,947	50,845	93,053	25,213		20.00
July														
August														
September														
October														
November														
December														

See footnotes on opposite page also.

¹ The figures on face brick include data from 32 identical firms reporting to the American Face Brick Association each month. Comparable monthly data for the months of 1919 and 1920 are shown in the April, 1923, issue of the SURVEY (No. 20).² Ten months' average, March to December, inclusive.³ Prior to September production figures included common and culls not infrequently burned in face-brick kilns and since September data represent finished face brick drawn from kilns; however, it is estimated that the difference in the methods of reporting has no serious effect on the comparability of the data. For stocks, data prior to September included the yard or shed inventory plus the estimate of the number of formed brick in the kilns which would turn out to be face brick, while since September data on stocks represent the inventory of finished face brick on yards. From September forward data on stocks are not directly comparable with those given for preceding months. The index numbers on stocks in Table 64 for the months beginning with September, 1923, have been computed by chain relatives and take account of the percentage variation rather than the absolute variation in the figures, showing the trend of the movement irrespective of the change in the method of reporting.

Table 69.—CLAY PRODUCTS

YEAR AND MONTH	FLOOR AND WALL TILE ¹					
	Production	Shipments		Stocks (end of month)	Average price (per square foot)	
	Square feet	Square feet	Value	Square feet	Ceramic mosaic	White wall tile (standard)
1924						
January.....	5,192,047	3,759,248	\$1,222,214	7,787,592	\$.24	\$.40
February.....	5,177,246	3,692,803	1,123,855	8,430,644	.24	.40
March.....	5,317,670	4,122,279	1,213,031	8,923,949	.24	.40
April.....	4,938,939	4,207,191	1,343,271	9,172,306	.24	.40
May.....	4,305,391	3,744,280	1,259,429	9,137,959	.24	.40
June.....						
July.....						
August.....						
September.....						
October.....						

¹ Compiled by the U. S. Department of Commerce, Bureau of the Census, from data reported by 34 concerns who produced about 73 per cent of total production of floor and wall tile in 1922, including the entire membership of the Associated Tile Manufacturers. Details by grades and kinds are issued each month in mimeograph form.

YEAR AND MONTH	PAVING BRICK ¹							ARCHITECTURAL TERRA COTTA ¹	
	Production	Shipments	Stocks, end of month	Orders received	Cancellations	Unfilled orders end of month	Relative production to capacity (No. 1 and No. 2 brick)	Bookings, quantity	Bookings, value
	Thousands of brick, No. 1 quality							Per cent	Net tons	Dollars
1923									
March.....			70,252			91,752			
April.....	33,315	23,397	80,170	24,522	1,033	91,849	87		
May.....	34,332	26,209	77,652	34,475	2,158	90,644	84		
June.....	31,105	27,251	80,324	36,078	574	110,120	81		
July.....	30,529	27,092	78,835	23,693	5,340	100,414	81		
August.....	33,547	36,446	74,399	25,586	3,076	102,183	88		
September.....	34,457	34,761	86,530	23,501	3,887	91,048	79		
October.....	34,317	31,287	76,613	23,173	807	64,531	86		
November.....	28,212	21,689	77,570	12,691	812	64,435	74		
December.....	23,592	12,979	86,930	13,671	2,179	60,624	60		
1924									
January.....	19,664	9,491	91,737	6,834	1,164	51,419	46	16,240	\$1,561,518
February.....	19,571	6,442	102,498	11,136	110	55,482	50	13,227	1,467,539
March.....	21,656	10,939	117,451	33,739	88	78,347	50	12,022	1,318,553
April.....	22,750	15,827	122,123	29,847	665	83,184	57	13,011	1,570,117
May.....	26,569	24,507	122,393	46,147	444	100,212	69	10,171	1,229,551
June.....	24,093	27,786	111,637	23,240	1,304	99,314	63	10,807	1,127,928
July.....									
August.....									
September.....									
October.....									
November.....									
December.....									

¹ Compiled from reports of the Paving Brick Manufacturers' Association, covering from 24 to 29 companies each month, stated to represent from 68 to 71 per cent of the industry; further details as to size, quality, and geographical distribution may be obtained from the regular reports of the association.

² Compiled by the U. S. Department of Commerce, Bureau of the Census, from the reports of 26 manufacturers who produced about 95 per cent of the architectural terra cotta made in 1922, including the entire membership of the National Terra Cotta Society. Values exclude freight, cartage, duty, and setting charges.

Table 70.—CEMENT¹

[Base year in bold-faced type]

YEAR AND MONTH	PORTLAND CEMENT					CONCRETE PAVEMENTS CONTRACTED FOR		PORTLAND CEMENT					CONCRETE PAVEMENTS CONTRACTED FOR	
	Pro-duction	Ship-ments	Stocks at end of month	Wholesale price, net, with-out bags		Total ²	Roads	Pro-duction	Ship-ments	Stocks at end of month	Wholesale price, net, with-out bags		Total ²	Roads
				Chi-cago dis-trict	Lehigh Valley mills						Chi-cago dis-trict	Lehigh Valley mills		
	Relative to 1913					Relative to 1919		Thousands of barrels			Per barrel		Thous. of square yds.	
RELATIVE NUMBERS							NUMERICAL DATA							
1193 monthly average.....	100	100	100	100	100			7,075	7,591	11,220	\$1.011	\$0.89		
1914 monthly average.....	96	97	114	89	100			7,353	7,203	12,773	.89	.89		
1915 monthly average.....	93	98	101	94	89			7,146	7,210	11,312	.95	.79		
1916 monthly average.....	99	109	99	118	116			7,589	7,832	11,034	1.19	1.03		
1917 monthly average.....	101	102	99	153	157			7,721	7,512	11,060	1.53	1.40		
1918 monthly average.....	77	80	84	166	197			5,891	5,894	9,356	1.07	1.75		
1919 monthly average.....	87	97	87	166	196	100	100	6,700	7,167	9,809	1.06	1.74	4,455	3,435
1920 monthly average.....	108	108	65	180	230	73	71	8,306	7,999	7,278	1.80	2.05	3,264	2,454
1921 monthly average.....	107	107	91	153	208	105	107	8,191	7,921	10,161	1.54	1.85	4,680	3,662
1922 monthly average.....	124	131	85	159	194	148	142	9,489	9,714	9,572	1.61	1.73	6,595	4,863
1923 monthly average.....	149	153	82	170	211	148	124	11,448	11,324	9,230	1.72	1.88	6,550	4,245
1922														
May.....	140	172	115	148	169	244	241	11,176	12,749	12,893	1.50	1.50	10,852	8,271
June.....	147	182	96	158	191	174	147	11,245	13,470	10,748	1.60	1.70	7,769	5,044
July.....	151	187	75	158	191	206	185	11,557	13,850	8,433	1.60	1.70	9,195	6,348
August.....	152	194	51	163	191	137	102	11,604	14,361	5,740	1.64	1.70	6,117	3,497
September.....	149	168	42	173	242	142	127	11,424	12,444	4,724	1.75	2.15	6,319	4,374
October.....	160	174	37	173	242	105	81	12,287	12,854	4,119	1.75	2.15	4,680	2,797
November.....	148	138	47	173	214	79	81	11,349	10,167	5,320	1.75	1.90	3,528	2,789
December.....	113	66	81	171	214	84	90	8,671	4,858	9,108	1.73	1.90	3,744	3,095
1923														
January.....	104	76	102	158	214	66	62	7,990	5,628	11,477	1.60	1.90	2,950	2,140
February.....	107	82	121	173	214	141	138	8,210	6,090	13,596	1.75	1.90	6,272	4,725
March.....	129	140	116	173	214	128	109	9,889	10,326	13,045	1.75	1.90	5,684	3,737
April.....	148	175	102	173	214	165	132	11,359	12,954	11,463	1.75	1.90	7,370	4,550
May.....	168	193	90	173	214	212	175	12,910	14,257	10,144	1.75	1.90	9,431	5,097
June.....	161	180	82	173	214	172	156	12,352	13,307	9,168	1.75	1.90	7,675	4,373
July.....	164	186	72	173	214	144	94	12,620	13,712	8,681	1.75	1.90	6,407	3,242
August.....	169	203	64	173	214	197	163	12,967	14,971	6,050	1.75	1.90	8,780	5,006
September.....	171	185	49	173	214	153	132	13,109	13,098	5,533	1.75	1.90	6,828	4,537
October.....	174	193	41	173	214	168	122	13,350	14,285	4,612	1.75	1.90	7,468	4,191
November.....	164	139	62	166	200	120	96	12,603	10,251	6,991	1.67	1.78	5,356	3,287
December.....	130	87	94	163	197	106	103	9,997	6,408	10,575	2.05	1.75	4,713	3,550
1924														
January.....	115	70	126	170	197	90	76	8,788	5,210	14,155	1.72	1.75	4,013	2,613
February.....	112	80	150	173	197	102	100	8,588	5,933	16,815	1.75	1.75	4,562	3,421
March.....	135	122	162	173	197	180	169	10,370	8,995	18,189	1.75	1.75	8,069	5,768
April.....	163	173	153	173	197	229	204	11,726	12,771	17,159	1.75	1.75	10,186	7,004
May.....	180	197	146	173	197	281	248	13,777	14,551	16,408	1.75	1.75	12,800	8,527
June.....	176	208	133	173	197	201	143	13,538	15,036	14,903	1.75	1.75	8,948	4,669
July.....	183	225	110	173	197	225	181	14,029	16,614	12,318	1.75	1.75	10,025	6,214
August.....														
September.....														
October.....														
November.....														
December.....														

¹ Data on cement are from the U. S. Department of the Interior, Geological Survey, except prices, which are averages of weekly prices reported by the U. S. Department of Labor, Bureau of Labor Statistics; data on concrete pavements for roads, streets, and alleys from Portland Cement Association, Highway Bureau. The cement industry is highly seasonal and should be compared with corresponding months of previous years rather than with other months of the current year. Detailed data by months back to 1915, with an 8-year average for each month which can be used for seasonal comparisons, will be found in the September, 1923 (No. 23), issue of the SURVEY, p. 47.

² Includes streets and alleys besides roads.

³ Of the numerical 1919 monthly average, 3,221,000 yards was actually reported. The remainder is the prorated portion of a total of 3,338,309 yards for the year of pavement less than 6 inches thick not allocated by class of pavement. This has been prorated to roads on the basis of the roads' share of allocated contracts.

Table 71.—ROOFING ¹

[Base year in bold-faced type]

YEAR AND MONTH	PRE- PARED ROOF- ING ²	ROOFING FELT						PRE- PARED ROOF- ING ²	ROOFING FELT								
		Ship- ments	Pro- duction of dry felt	Stocks		Receipts			Ship- ments	Pro- duction of dry felt	Stocks		Receipts				
				Dry felt	Total	Bags	Paper				Miscel- laneous	Dry felt	Total	Bags	Paper	Miscel- laneous	
				Relative to January, 1923							Thousands of roof squares ⁴	Tons					
RELATIVE NUMBERS						NUMERICAL DATA											
1919 monthly av..	100							2,079									
1920 monthly av..	114							2,350									
1921 monthly av..	105	¹ 63				¹ 54		2,182	¹ 9,016				¹ 8,056				
1922 monthly av..	122	¹ 84				¹ 76		2,541	¹ 12,035				¹ 11,473				
1923 monthly av..	122	112	82	95	102	88	95	2,642	16,013	2,437	12,256	15,407	5,855	1,139			
1922																	
January.....	64							1,959									
February.....	83							1,723									
March.....	114							2,360									
April.....	127							2,649									
May.....	128							2,660									
June.....	136							2,829									
July.....	133							2,766									
August.....	163							3,397									
September.....	142							2,056									
October.....	137							2,847									
November.....	115							2,306									
December.....	94							1,950									
1923																	
January.....	92	89	122	106	93	91	105	1,909	14,362	2,950	12,972	15,034	6,650	1,157			
February.....	94	90	79	97	83	95	206	1,952	14,495	1,906	11,839	13,514	5,548	2,231			
March.....	140	108	84	85	118	96	66	2,917	17,297	2,037	10,559	18,234	5,649	746			
April.....	135	100	89	105	108	101	57	2,814	16,155	2,158	12,911	16,589	5,919	640			
May.....	137	112	102	115	88	108	90	2,853	17,941	2,435	14,076	13,504	6,338	1,019			
June.....	120	110	137	95	105	102	104	2,485	16,036	3,325	11,598	16,144	5,888	1,178			
July.....	110	95	162	118	101	103	133	2,273	15,276	3,923	14,447	15,501	6,042	1,507			
August.....	124	104	116	114	95	103	122	2,532	16,723	2,812	14,029	14,698	6,036	1,374			
September.....	143	97	89	105	75	88	86	3,076	15,671	2,171	12,848	11,621	5,179	999			
October.....	145	111	69	81	111	106	85	3,003	17,892	1,686	11,210	17,104	6,223	955			
November.....	124	100	66	81	104	99	74	2,585	16,153	1,592	9,953	15,900	5,789	840			
December.....	98	93	85	87	111	84	71	2,043	14,835	2,075	10,697	17,056	4,890	709			
1924																	
January.....	114	91	82	101	107	113	93	2,380	14,662	1,982	12,335	15,438	6,092	1,653			
February.....	140	101	67	106	91	89	197	2,915	16,263	1,623	13,057	14,003	5,225	2,229			
March.....	123	101	77	114	90	115	138	2,660	16,267	1,850	14,000	13,808	6,716	1,456			
April.....	113	106	107	95	104	99	140	2,350	17,016	2,590	11,698	16,093	5,760	1,387			
May.....	120	106	134	98	103	95	90	2,496	17,108	3,247	12,052	16,060	5,544	1,030			
June.....	112	109	119	106	129	89	121	2,331	17,593	2,878	13,001	19,840	5,216	1,371			
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

¹ Prepared roofing data compiled by the Prepared Roofing Manufacturers' Association, prorated to 100 per cent of the industry, from reports received from 60 to 90 per cent of the total machine activity, comprising all types of asphalt saturated roll roofing whether surfaced or not and all types of asphalt shingles; data on roofing felt from the Felt Manufacturers' Association, including reports from 16 identical mills.

² Represents reports from 11 mills.

³ Monthly data back to 1919 appeared in the September issue (No. 25) of the Survey of Current Business.

⁴ A roof square is equivalent to 100 square feet of covering as measured on the roof.

Table 72.—CHEMICALS—TRADE AND PRICES

[Base year in bold-faced type]

YEAR AND MONTH	IMPORTS ¹		EXPORTS ¹			WHOLESALE PRICES					IMPORTS ¹		EXPORTS ¹		
	Potash ²	Nitrate of soda	Sulphuric acid	Dyes and dyestuffs	Total fertilizers	Drugs and pharmaceuticals ³	Essential oils	Crude drugs	Chemicals ³	Sulphuric acid ³	Potash	Nitrate of soda	Sulphuric acid	Dyes and dyestuffs	Total fertilizer ³
	Relative to 5-year average 1909-1913					Relative to August, 1914			Relative to 1913	Dollars per 100 pounds	Long tons		Pounds	Dollars	Long tons
	RELATIVE NUMBERS					INDEX NUMBERS					NUMERICAL DATA				
1909-1913 mo. av.	100	100	100	100	100						21,124	43,117	411,492	855,337	103,391
1913 mo. av.	121	132	103	116				100	100	100	18,247	45,143	1,068,015	44,749	85,639
1914 mo. av.	86	105	179	155	83						6,394	64,349	6,476,692	200,255	30,647
1915 mo. av.	30	149	1,055	723	30						772	161,335	5,538,625	672,832	32,747
1916 mo. av.	4	235	903	2,291	32						531	128,601	5,293,426	1,344,260	28,627
1917 mo. av.	4	298	863	4,639	28			212							
1918 mo. av.	4	356	1,090	4,843	18			279	1.60		762	153,766	6,091,220	1,401,462	18,713
1919 mo. av.	16	79	289	4,920	83	201	213	185	242	1.00	3,357	33,955	1,774,627	1,423,703	54,549
1920 mo. av.	70	255	394	9,339	114	196	255	202	235	1.12	14,840	116,160	2,413,922	2,702,348	117,994
1921 mo. av.	41	71	174	1,976	72	159	158	134	153	.91	8,739	30,767	1,067,934	571,656	74,620
1922 mo. av.	95	104	169	1,497	75	120	131	174	155	.76	20,103	45,059	1,059,206	434,200	77,973
1923 mo. av.	91	172	112	1,800	88	142	135	220	172	.73	19,205	74,084	654,156	520,648	91,371
1922															
May	60	149	350	1,061	133	116	135	177	159	.80	12,585	64,130	2,145,293	309,935	158,149
June	130	115	404	1,194	64	115	133	177	157	.80	27,367	49,442	2,481,230	345,376	66,793
July	250	73	169	1,454	56	115	130	178	156	.71	62,912	31,307	1,034,716	420,600	57,654
August	115	98	110	1,604	94	115	135	177	152	.70	24,288	42,474	672,533	464,273	97,323
September	* 16	* 121	42	1,292	64	121	131	182	149	.74	* 3,359	* 52,081	258,144	373,727	55,518
October	49	157	79	1,564	67	128	122	195	154	.73	16,248	67,929	453,686	432,498	69,009
November	49	245	84	1,670	89	131	121	196	160	.70	10,322	103,954	512,997	483,254	92,074
December	71	105	87	1,772	64	137	123	204	164	.70	14,939	43,174	531,966	512,619	65,710
1923															
January	110	268	156	1,383	66	135	124	208	173	.70	23,221	109,064	656,328	400,069	68,066
February	81	200	71	1,784	70	132	125	239	176	.70	17,050	84,202	438,592	516,227	72,424
March	165	281	114	2,034	87	133	128	253	178	.70	762,355	121,134	588,675	89,519	89,519
April	119	228	60	1,985	98	132	134	233	180	.71	25,077	68,577	268,566	574,462	94,236
May	47	249	148	2,000	101	132	137	244	180	.75	10,003	107,329	906,330	578,707	164,641
June	85	58	63	1,611	114	140	139	231	177	.75	17,975	25,204	354,673	496,154	117,465
July	91	133	130	2,889	116	143	141	219	169	.75	19,303	58,196	797,102	833,972	119,423
August	97	131	264	1,435	62	142	136	208	168	.75	20,496	56,637	1,619,640	416,032	98,326
September	65	119	132	1,548	126	158	133	206	173	.75	13,828	51,543	510,832	447,569	120,419
October	166	132	58	1,849	62	158	135	206	165	.75	22,416	56,788	394,297	535,049	62,789
November	69	71	87	1,653	82	155	139	206	165	.75	14,506	30,456	531,401	478,429	83,133
December	115	203	59	1,430	50	149	144	205	165	.75	24,322	67,780	339,665	413,794	51,409
1924															
January	123	309	93	1,829	82	150	141	190	164	.75	25,878	182,275	369,897	529,300	85,260
February	118	346	138	2,200	84	153	137	189	163	.73	24,929	149,603	645,633	636,702	86,942
March	107	223	98	1,503	71	155	139	189	161	.70	22,618	115,919	602,817	436,470	73,093
April	51	170	167	1,337	91	158	141	208	158	.70	10,727	73,219	1,024,042	387,023	93,828
May	45	170	307	1,292	122	156	137	230	153	.70	9,608	73,541	1,684,807	373,959	126,271
June	26	87	166	1,522	69	153	136	219	154	.70	5,405	37,440	957,377	440,452	70,810
July									159						
August															
September															
October															
November															
December															

¹ Data compiled by U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Potash includes potash imported as chemicals and also the muriate and sulphate compounds used in fertilizers. "Total fertilizer" exports are made up largely of phosphate rock.

² Compiled by the Oil, Paint and Drug Reporter from weekly wholesale quotations of 40 crude botanical drugs, 20 essential oils, and 35 drugs and pharmaceutical chemicals, respectively.

³ The chemical price index from Chemical and Metallurgical Engineering includes quotations on 25 commodities selected on the basis of their importance as representing both qualitatively and quantitatively the principal branches of the chemical industry. These prices are weighted on the basis of total production plus total imports in the year 1919. The figures are averages of weekly prices.

⁴ Wholesale average monthly price of 66° sulphuric acid at New York from U. S. Department of Labor, Bureau of Labor Statistics. No relative numbers have been given, as the base price is an even 100 and thus each month's price is also a relative number based on 1913 as 100.

⁵ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

Table 73.—EXPLOSIVES ¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	TOTAL EXPLOSIVES				BLACK BLASTING POWDER				PERMISSIBLE AND OTHER HIGH EXPLOSIVES			
	Production	Shipments	Sales	Stocks	Production	Shipments	Sales	Stocks	Production	Shipments	Sales	Stocks
	Relative to 1922											
1922 monthly average.....	100	100	100	100	100	100	100	100	100	100	100	100
1923 monthly average.....	120	118	122	115	121	115	118	114	123	119	124	117
1922												
January.....	72	79	84	109	78	94	98	118	70	71	77	94
February.....	87	91	89	98	97	108	102	99	81	82	81	90
March.....	88	85	83	97	88	77	82	103	88	90	92	87
April.....	66	68	67	93	34	38	37	98	84	82	86	96
May.....	75	79	77	93	52	56	54	99	87	92	90	83
June.....	84	76	79	105	72	57	61	112	90	87	80	94
July.....	93	89	83	109	76	70	67	116	102	101	93	96
August.....	119	121	118	104	114	124	121	102	122	119	116	91
September.....	130	135	138	92	149	160	161	84	119	121	123	104
October.....	141	137	137	96	158	154	157	82	131	128	124	119
November.....	132	129	128	99	154	143	140	89	120	121	121	117
December.....	115	112	112	103	130	119	123	97	106	108	106	112
1923												
January.....	123	128	134	104	155	152	161	95	113	111	118	120
February.....	122	115	116	114	141	120	119	113	111	113	114	116
March.....	128	125	126	118	122	115	121	116	131	131	130	121
April.....	134	135	145	112	118	120	122	109	143	143	150	118
May.....	133	124	129	127	118	100	103	125	142	138	145	131
June.....	112	117	118	114	101	105	108	116	118	124	124	111
July.....	108	105	110	119	98	99	104	111	115	109	114	133
August.....	123	127	127	111	119	116	118	109	125	133	132	114
September.....	113	111	116	113	115	111	116	110	112	111	115	117
October.....	122	119	124	115	133	128	126	114	114	114	122	115
November.....	110	103	114	115	119	109	115	121	105	108	115	105
December.....	101	99	101	118	109	103	103	124	97	96	99	108
1924												
January.....	105	109	116	105	108	120	127	101	104	103	109	111
February.....	114	114	112	102	113	112	113	103	112	115	112	101
March.....	112	107	112	102	97	84	92	104	120	121	124	99
April.....	110	108	109	106	78	70	72	103	128	131	131	102
May.....	98	100	109	109			71	110	119	118	133	107
June.....												
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page.

Table 74.—EXPLOSIVES ¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	TOTAL EXPLOSIVES				BLACK BLASTING POWDER ²				PERMISSIBLE AND OTHER HIGH EXPLOSIVES ³			
	Production	Shipments	Sales	Stocks	Production	Shipments	Sales	Stocks	Production	Shipments	Sales	Stocks
	Thousands of pounds											
1922 monthly average.....	30,756	31,080	28,926	16,316	11,010	11,394	10,969	10,435	19,784	19,654	17,958	5,881
1923 monthly average.....	36,762	36,542	35,174	18,758	13,311	13,079	12,539	11,854	24,284	23,463	22,235	6,901
1922												
January.....	22,163	24,651	24,253	17,818	8,320	10,725	10,512	12,299	13,813	13,029	13,746	5,549
February.....	26,653	28,387	25,651	15,625	10,681	12,261	11,150	10,361	15,972	16,127	14,501	5,204
March.....	27,163	26,418	25,554	15,849	9,694	8,719	8,988	10,731	17,469	17,659	16,566	5,118
April.....	20,287	20,488	19,499	15,917	3,749	4,337	4,010	10,242	10,538	10,151	15,488	5,674
May.....	22,064	24,425	22,167	15,145	5,736	6,318	5,929	10,291	17,228	18,077	16,238	4,851
June.....	25,685	23,618	22,889	17,209	7,941	6,538	6,661	11,706	17,744	17,079	16,228	5,594
July.....	23,478	27,795	24,009	17,735	8,368	7,589	7,343	12,074	20,111	19,896	16,665	5,661
August.....	36,611	37,510	34,137	16,960	12,580	14,149	13,300	10,597	24,031	23,361	20,837	5,364
September.....	39,082	42,024	39,857	14,944	16,418	18,229	17,687	8,898	23,561	25,735	22,171	6,135
October.....	43,300	42,725	39,519	15,596	17,364	17,591	17,230	8,604	25,935	25,134	22,289	6,593
November.....	40,626	40,019	37,049	16,231	16,964	16,296	15,329	9,333	23,662	23,754	21,729	6,897
December.....	35,253	34,867	32,522	16,733	14,303	13,552	13,451	10,174	20,950	21,315	19,010	6,559
1923												
January.....	30,384	30,060	38,869	16,068	17,062	17,278	17,633	9,920	22,322	21,782	21,236	7,018
February.....	37,501	35,865	33,473	18,583	15,490	13,668	13,029	11,748	22,011	22,197	20,444	6,835
March.....	30,308	38,846	36,549	19,265	13,461	13,047	13,231	12,127	25,846	25,799	23,318	7,139
April.....	41,180	41,900	41,956	18,230	12,640	13,675	13,386	11,390	28,239	28,225	28,599	6,510
May.....	40,601	38,551	37,331	20,703	12,982	11,397	11,326	12,998	28,018	27,153	26,006	7,703
June.....	34,378	36,286	34,123	18,660	11,130	11,990	11,896	12,147	23,218	24,290	22,227	6,513
July.....	33,247	32,685	31,805	19,378	10,613	11,270	11,360	11,333	22,633	21,415	20,446	7,845
August.....	37,870	39,324	36,765	18,139	13,105	13,219	12,993	11,416	24,765	26,104	23,771	6,723
September.....	34,663	34,453	33,429	18,375	12,620	12,692	12,733	11,483	22,043	21,851	20,696	6,892
October.....	37,688	37,124	35,746	18,694	15,149	14,684	13,837	11,918	22,538	22,540	21,909	6,776
November.....	33,800	33,683	32,914	18,810	13,149	12,432	12,583	12,614	20,652	21,250	20,331	6,196
December.....	31,133	30,725	29,093	19,290	12,038	11,782	11,259	12,954	19,065	18,913	17,833	6,336
1924												
January.....	32,235	34,026	33,467	17,088	11,644	13,695	13,905	10,565	20,592	20,331	19,561	6,523
February.....	35,081	35,349	32,540	16,697	12,992	12,712	12,386	10,765	22,089	22,637	20,154	5,932
March.....	34,355	33,408	32,368	16,697	10,728	9,569	10,141	10,899	23,627	23,829	22,226	5,795
April.....	33,858	33,674	31,398	17,299	8,544	7,967	7,937	11,318	25,314	25,707	23,461	5,981
May.....	30,179	31,043	31,561	17,744	6,615	7,851	7,758	11,432	23,564	23,192	23,803	6,312
June.....												
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹ Compiled by the U. S. Department of the Interior, Bureau of Mines, from reports from 24 companies. Data do not include reports of manufacturers of ammunition and fireworks, nor production of nitroglycerin, except in so far as nitroglycerin is used in the manufacture of other explosives.

² All black powder with sodium or potassium nitrate as a constituent is here classified as black blasting powder.

³ "Permissible explosives" are high explosives that, because of having passed certain tests prescribed by the Bureau of Mines, are considered reasonably safe for use in gaseous and dusty coal mines. They include ammonium nitrate explosives, hydrated explosives, organic nitrate explosives, and certain nitroglycerin explosives containing an excess of free water or carbon. Dynamite and all other high explosives are totaled here with permissible explosives.

Table 75.—WOOD CHEMICALS

[Base year in bold-faced type]

YEAR AND MONTH	ACETATE OF LIME			METHANOL (CRUDE)			WOOD		ACETATE OF LIME			METHANOL (CRUDE)			WOOD	
	Pro-duction	Shp-ments	Stocks (end of mo.)	Pro-duction	Shp-ments	Stocks (end of mo.)	Car-bon-ized	Stocks (end of mo.)	Pro-duction	Shp-ments	Stocks (end of mo.)	Pro-duction	Shp-ments	Stocks (end of mo.)	Car-bon-ized	Stocks (end of month)
	Relative to 1922								Thousands of pounds			Gallons			Cords	
	RELATIVE NUMBERS								NUMERICAL DATA							
1920 mo. av.	119			115			122	88	12,421			652,021			78,580	829,227
1921 mo. av.	47			57			53	83	4,885			324,504			34,177	826,847
1922 mo. av.	100	100	100	100	100	100	100	100	10,445	13,683	33,536	567,499	633,263	2,749,407	64,288	943,584
1923 mo. av.	131	98	40	126	105	91	126	84	13,700	13,424	14,269	716,144	666,718	8,494,877	80,787	794,744
1922																
January	82	67	160	87	48	110	81	101	8,548	9,114	57,251	494,981	307,298	3,033,460	52,153	952,493
February	85	61	161	85	50	116	84	107	8,841	8,337	57,843	483,439	316,091	3,178,484	53,777	1,006,323
March	100	80	160	100	81	119	97	103	10,462	10,910	57,297	569,450	514,982	3,278,495	62,304	967,676
April	78	87	146	79	86	116	75	102	8,142	11,873	52,464	450,529	547,850	3,194,568	48,122	961,960
May	80	104	129	81	84	113	81	101	8,400	14,228	46,222	458,739	534,068	3,115,562	51,881	965,866
June	82	118	103	85	84	111	88	104	8,592	16,177	36,824	484,822	536,366	3,047,116	56,313	984,861
July	93	130	80	90	94	108	94	100	9,671	17,817	28,840	510,459	594,809	2,962,948	60,726	943,284
August	91	115	62	90	104	101	94	98	9,512	15,679	22,264	508,250	663,328	2,788,023	60,639	920,512
September	94	94	52	92	160	83	94	100	9,771	12,844	18,616	522,620	1,017,744	2,272,585	60,109	938,766
October	117	88	52	113	125	77	115	99	12,192	12,074	18,607	613,379	797,190	2,109,222	74,118	929,454
November	144	112	51	141	142	73	145	96	15,077	15,345	18,365	793,382	902,258	2,005,803	93,025	902,422
December	154	144	43	156	141	73	153	90	16,137	19,753	15,405	883,831	894,347	2,096,617	98,268	850,973
1923																
January	151	119	39	157	136	73	153	86	15,721	16,261	14,143	893,418	866,339	2,000,039	98,470	813,499
February	129	100	40	129	105	74	127	84	13,470	13,635	14,499	730,590	667,929	2,044,429	81,912	796,541
March	143	120	36	139	108	78	136	81	14,960	16,490	12,902	791,457	689,028	2,133,098	87,514	765,045
April	131	109	33	126	108	80	128	79	13,698	14,870	11,893	713,643	684,261	2,104,789	82,040	749,363
May	142	131	25	141	89	88	141	81	14,823	17,938	9,007	798,369	566,870	2,429,617	90,509	760,123
June	138	102	27	130	99	92	134	83	14,439	13,995	9,756	736,806	629,250	2,526,412	85,864	782,579
July	126	96	27	115	81	97	122	84	13,180	13,145	9,767	652,955	514,279	2,669,895	78,244	796,413
August	124	56	41	115	76	104	117	85	12,960	7,724	14,624	654,822	481,111	2,866,218	75,289	796,794
September	112	60	60	101	83	106	102	85	11,675	8,227	18,084	574,124	526,623	2,902,923	65,722	799,088
October	124	92	52	117	115	104	115	87	12,973	12,628	18,549	666,364	732,399	2,851,938	74,130	822,502
November	141	103	54	133	146	99	123	87	14,685	14,034	19,249	756,746	889,362	2,726,866	82,080	816,300
December	113	89	52	110	119	94	105	89	11,814	12,144	18,800	624,433	753,166	2,502,298	67,669	837,783
1924																
January	128	66	65	124	101	96	123	83	13,420	9,022	23,402	705,747	642,812	2,632,633	78,892	766,174
February	126	62	77	122	107	95	114	84	13,173	8,548	27,494	689,503	681,057	2,618,339	73,541	794,856
March	135	66	90	122	97	100	122	87	14,107	9,023	32,370	690,403	617,949	2,749,818	78,661	815,824
April	121	88	85	119	95	97	113	90	12,650	12,002	30,335	673,746	602,457	2,656,211	72,430	849,991
May	110	59	95	99	100	95	102	92	11,539	8,102	33,986	559,202	636,122	2,615,144	65,635	866,518
June																
July																
August																
September																
October																
November																
December																

¹ Compiled from reports of the *National Wood Chemical Association*, to which are added reports direct to the *Bureau of the Census* from almost all the nonmember firms, the total comprising usually 64 firms and representing a daily capacity at the end of 1923 of 5,217 cords per day out of a total of 5,356 cords, or about 97 per cent of the industry.

Table 76.—FLAXSEED AND COTTONSEED¹

[Base year in bold-faced type]

YEAR AND MONTH	FLAXSEED							COTTON-SEED	FLAXSEED							COTTON-SEED		
	MINNEAPOLIS			DULUTH			Stocks, end of month ²		MINNEAPOLIS			DULUTH			Stocks, end of month ²			
	Re-ceipts ³	Ship-ments ³	Stocks ³	Re-ceipts ³	Ship-ments ³	Stocks ³			Re-ceipts ³	Ship-ments ³	Stocks ³	Re-ceipts ³	Ship-ments ³	Stocks ³				
	Relative to 1913								Relative to 1919	Thousands of bushels							Short ton	
	RELATIVE NUMBERS								NUMERICAL DATA									
1913 m. av.	100	100	100	100	100	100	-----	943	150	233	1,070	1,059	2,751	-----				
1914 m. av.	69	30	98	44	49	75	-----	647	47	228	457	328	2,000	-----				
1915 m. av.	54	50	39	47	35	34	-----	512	78	90	487	352	928	-----				
1916 m. av.	79	62	56	58	56	49	-----	741	67	130	696	613	1,350	-----				
1917 m. av.	53	63	83	33	34	31	129	502	58	191	341	377	846	64,192				
1918 m. av.	56	53	22	33	31	8	96	524	53	52	315	348	288	43,412				
1919 m. av.	61	67	26	18	16	4	100	575	105	60	192	175	119	512,418				
1920 m. av.	59	33	97	40	25	28	58	552	51	226	412	278	755	276,219				
1921 m. av.	50	73	416	35	41	41	58	469	114	970	262	454	1,117	239,101				
1922 m. av.	44	69	30	31	26	8	57	412	107	69	317	281	120	241,979				
1923 m. av.	91	87	87	58	39	13	65	862	133	203	606	425	395	555,035				
1922																		
January	32	103	73	11	14	5	81	302	161	170	116	151	151	419,122				
February	22	77	58	6	6	5	50	201	120	136	66	67	131	254,015				
March	27	55	33	12	12	3	20	257	86	88	120	127	84	161,293				
April	21	34	22	4	5	6	9	198	53	52	45	52	176	46,140				
May	31	29	29	8	13	3	5	290	45	68	87	147	81	24,349				
June	24	18	22	14	5	5	4	226	23	51	141	49	154	19,767				
July	12	32	6	9	14	1	3	114	50	13	94	130	86	13,168				
August	39	49	30	2	4	(⁴)	12	368	77	70	21	47	9	61,593				
September	95	113	9	50	17	12	80	893	176	21	514	189	534	463,443				
October	91	124	33	100	61	22	152	859	193	76	1,120	607	615	780,927				
November	64	117	24	90	86	25	171	600	182	55	929	949	674	875,131				
December	67	76	11	53	72	12	154	630	118	26	514	788	340	789,949				
1923																		
January	50	79	5	13	33	3	103	469	123	12	136	265	70	527,777				
February	27	37	3	4	3	1	69	257	58	6	43	35	40	267,636				
March	33	52	7	7	4	1	30	369	81	17	75	45	17	151,103				
April	52	40	4	5	2	(⁴)	12	456	62	9	55	26	9	61,529				
May	42	19	26	23	15	1	5	368	29	60	238	163	14	2,675				
June	50	35	60	52	34	11	3	471	54	140	542	378	250	13,576				
July	38	33	23	11	11	12	2	359	62	53	110	116	393	12,032				
August	116	64	13	23	17	3	23	1,055	160	31	235	151	85	119,551				
September	273	171	155	122	55	26	82	2,577	267	360	1,266	655	715	419,529				
October	196	253	215	235	143	64	143	1,552	355	660	2,434	1,574	1,773	731,281				
November	133	162	329	148	64	23	155	1,255	223	767	1,331	699	627	794,765				
December	87	100	205	59	82	15	144	817	156	478	608	999	417	738,761				
1924																		
January	43	88	176	15	18	11	113	403	137	410	159	139	204	577,993				
February	25	86	121	10	20	6	75	225	134	283	102	215	173	287,716				
March	25	103	70	11	13	4	46	233	169	156	112	143	169	234,121				
April	22	94	35	10	12	5	26	210	146	81	100	133	132	130,533				
May	31	65	30	20	14	6	13	294	101	70	210	157	160	66,127				
June	31	49	11	9	12	4	6	286	76	27	66	133	104	29,285				
July																		
August																		
September																		
October																		
November																		
December																		

¹ Cottonseed stocks at mills from U. S. Department of Commerce, Bureau of the Census. Data on flaxseed from the Northwest Millers.² Monthly figures are totals of weekly figures with first and last weeks of month prorated.³ Stocks at end of week nearest the end of the month.⁴ Index number less than 1.⁵ Yearly averages are for crop year ending July 31.

Table 77.—FATS, OILS, AND RAW MATERIALS¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	ANIMAL FATS, GREASES, AND DERIVATIVES								
	TOTAL ANIMAL FATS			TOTAL GREASES			TOTAL DERIVATIVES		
	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks
	Relative to 1919								
1919 quarterly average.....	100	100	100	100	100	100	100	100	100
1920 quarterly average.....	112	103	133	124	97	103	107	98	90
1921 quarterly average.....	129	107	164	122	89	142	129	88	95
1922 quarterly average.....	139	96	127	136	119	80	182	109	85
1923 quarterly average.....	166	98	105	147	132	84	182	118	78
1921									
Jan. 1 to Mar. 31.....	139	106	167	128	74	140	96	80	104
Apr. 1 to June 30.....	135	108	232	127	89	157	101	88	99
July 1 to Sept. 30.....	114	106	137	111	82	148	162	93	77
Oct. 1 to Dec. 31.....	127	106	121	123	106	121	155	92	101
1922									
Jan. 1 to Mar. 31.....	144	100	129	142	119	105	183	101	98
Apr. 1 to June 30.....	141	90	179	140	118	85	151	91	103
July 1 to Sept. 30.....	124	91	117	119	112	67	176	114	69
Oct. 1 to Dec. 31.....	148	104	84	142	127	62	218	130	72
1923									
Jan. 1 to Mar. 31.....	177	103	96	155	150	70	199	128	80
Apr. 1 to June 30.....	168	89	134	155	131	94	157	108	88
July 1 to Sept. 30.....	149	92	100	131	111	89	166	106	69
Oct. 1 to Dec. 31.....	171	107	89	146	135	84	207	128	74
1924									
Jan. 1 to Mar. 31.....	195	104	114	148	145	74	208	139	75
Apr. 1 to June 30.....	173	102	153	147	129	76	186	120	71
July 1 to Sept. 30.....									
YEAR AND MONTH	RAW MATERIALS FOR VEGETABLE OILS								
	PEANUTS—HULLED		COPEA		CORN GEBMS		FLAXSEED		
	Consumption	Stocks	Consumption	Stocks	Consumption	Stocks	Consumption	Stocks	
	Relative to 1919								
1919 quarterly average.....	100	100	100	100	100	100	100	100	
1920 quarterly average.....	8	298	60	48	99	64	104	250	
1921 quarterly average.....	8	18	50	26	84	53	105	192	
1922 quarterly average.....	7	3	82	48	101	58	99	141	
1923 quarterly average.....	4	4	110	30	110	65	138	259	
1921									
Jan. 1 to Mar. 31.....	8	36	41	14	63	52	103	101	
Apr. 1 to June 30.....	12	13	33	13	74	48	103	169	
July 1 to Sept. 30.....	4	9	63	49	96	44	94	179	
Oct. 1 to Dec. 31.....	8	14	64	30	104	68	122	320	
1922									
Jan. 1 to Mar. 31.....	10	4	97	69	108	41	109	93	
Apr. 1 to June 30.....	9	3	75	47	96	61	66	83	
July 1 to Sept. 30.....	3	2	64	29	91	76	90	170	
Oct. 1 to Dec. 31.....	8	2	93	47	108	56	139	217	
1923									
Jan. 1 to Mar. 31.....	3	5	107	32	104	81	134	91	
Apr. 1 to June 30.....	5	(?)	115	36	100	121	141	188	
July 1 to Sept. 30.....	1	1	93	9	96	24	133	264	
Oct. 1 to Dec. 31.....	5	8	123	42	137	33	145	493	
1924									
Jan. 1 to Mar. 31.....	4	2	94	41	151	52	155	181	
Apr. 1 to June 30.....	5	4	76	28	133	273	153	113	
July 1 to Sept. 30.....									

¹ See footnote on page 139.¹ Index number less than 1.

Table 78.—FATS, OILS, AND RAW MATERIALS¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	ANIMAL FATS, GREASES, AND DERIVATIVES								
	TOTAL ANIMAL FATS			TOTAL GREASES			TOTAL DERIVATIVES		
	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks
	Thousands of pounds								
1919 quarterly average.....	367,518	144,308	138,071	69,608	51,565	62,371	261,710	268,581	183,691
1920 quarterly average.....	410,670	149,270	183,033	85,384	50,273	69,095	281,478	294,679	167,541
1921 quarterly average.....	473,351	151,017	229,608	88,278	48,150	66,467	306,625	318,764	174,894
1922 quarterly average.....	511,436	158,982	175,396	94,029	61,219	63,711	409,996	427,794	197,806
1923 quarterly average.....	611,277	140,861	144,350	102,238	67,969	66,748	482,506	511,609	147,796
1921									
Jan. 1 to Mar. 31.....	512,557	153,129	230,025	89,311	58,068	91,633	252,194	196,664	191,277
Apr. 1 to June 30.....	496,082	155,957	320,015	88,453	45,029	105,879	267,542	191,111	181,777
July 1 to Sept. 30.....	419,742	153,217	189,099	77,492	42,174	99,407	428,805	318,881	143,159
Oct. 1 to Dec. 31.....	465,024	163,431	167,542	85,794	64,657	81,728	411,000	191,771	193,171
1922									
Jan. 1 to Mar. 31.....	530,170	144,620	177,468	98,823	61,234	70,463	481,296	291,989	179,198
Apr. 1 to June 30.....	516,487	129,838	247,245	97,772	60,635	57,445	398,752	180,111	181,426
July 1 to Sept. 30.....	456,441	131,879	161,034	83,290	67,458	47,029	467,127	277,193	186,866
Oct. 1 to Dec. 31.....	642,611	149,192	115,848	98,702	65,469	41,967	176,049	211,729	181,647
1923									
Jan. 1 to Mar. 31.....	650,926	147,979	132,000	107,725	77,517	47,314	525,691	298,114	146,423
Apr. 1 to June 30.....	617,630	128,073	181,969	108,078	67,407	67,009	418,216	229,029	161,211
July 1 to Sept. 30.....	548,327	133,232	137,434	91,318	67,252	49,806	440,474	221,676	147,569
Oct. 1 to Dec. 31.....	630,023	154,158	122,914	101,832	69,819	66,996	347,629	248,026	186,145
1924									
Jan. 1 to Mar. 31.....	715,222	149,645	157,995	106,162	74,612	49,609	590,181	299,659	199,096
Apr. 1 to June 30.....	635,610	147,038	211,560	102,294	66,369	51,035	491,492	244,776	141,009
July 1 to Sept. 30.....									
	RAW MATERIALS FOR VEGETABLE OILS								
YEAR AND MONTH	PEANUTS—HULLED		COPRA		CORN GERMS		FLAXSEED		
	Consumption	Stocks	Consumption	Stocks	Consumption	Stocks	Consumption	Stocks	
	Tons								
1919 quarterly average.....	35,426	11,119	42,153	22,184	35,645	642	172,214	29,852	
1920 quarterly average.....	2,950	33,184	25,276	10,665	36,335	534	179,302	74,709	
1921 quarterly average.....	2,931	2,001	21,161	5,809	59,820	448	112,182	57,399	
1922 quarterly average.....	2,551	319	34,671	10,765	36,809	421	170,371	42,619	
1923 quarterly average.....	1,250	892	46,215	6,615	49,143	548	230,217	77,278	
1921									
Jan. 1 to Mar. 31.....	2,822	4,021	17,372	8,100	22,078	441	177,611	59,093	
Apr. 1 to June 30.....	4,325	1,450	14,113	2,821	27,088	406	177,285	59,577	
July 1 to Sept. 30.....	1,684	670	26,382	10,519	38,012	370	162,747	53,551	
Oct. 1 to Dec. 31.....	2,992	1,564	26,778	6,765	38,242	176	241,066	97,662	
1922									
Jan. 1 to Mar. 31.....	3,492	463	40,814	15,299	39,464	343	187,963	27,996	
Apr. 1 to June 30.....	3,046	311	31,741	10,507	35,000	510	191,208	21,852	
July 1 to Sept. 30.....	893	191	26,964	6,542	33,279	641	156,316	59,763	
Oct. 1 to Dec. 31.....	2,893	277	39,148	10,472	39,726	470	240,843	64,659	
1923									
Jan. 1 to Mar. 31.....	1,161	641	45,339	7,070	38,243	661	232,183	27,136	
Apr. 1 to June 30.....	1,826	62	48,631	8,035	38,751	1,023	243,302	51,053	
July 1 to Sept. 30.....	213	102	39,680	2,071	35,296	392	299,234	78,737	
Oct. 1 to Dec. 31.....	1,800	864	62,031	9,232	50,372	282	271,149	117,141	
1924									
Jan. 1 to Mar. 31.....	1,318	215	39,599	9,071	35,189	435	268,091	53,916	
Apr. 1 to June 30.....	1,799	412	32,011	6,313	48,873	2,296	294,168	39,828	
July 1 to Sept. 30.....									

See footnote on page 139.

Table 79.—ARGENTINE MOVEMENT OF GRAIN AND FLAXSEED¹

[Base year in bold-faced type]

YEAR AND MONTH	EXPORTS ¹					VISIBLE SUPPLY ¹			EXPORTS ¹					VISIBLE SUPPLY ¹		
	Wheat		Corn	Oats	Flax-seed	Wheat	Corn	Flax-seed	Wheat		Corn	Oats	Flax-seed	Wheat	Corn	Flax-seed
	Flour	Grain							Flour	Grain						
	Relative to 1913								Rel. to 1914	Thousands of bushels						
RELATIVE NUMBERS								NUMERICAL DATA								
1913 mo. av.....	100	100	100	100	100	100	100	-----	117	8,612	15,771	5,109	3,336	2,588	3,486	-----
1914 mo. av.....	54	35	74	40	83	37	149	100	63	3,003	11,622	2,031	2,761	964	5,193	723
1915 mo. av.....	93	89	91	67	96	179	219	191	109	7,692	14,203	3,403	3,219	4,641	7,647	1,415
1916 mo. av.....	115	82	98	90	63	396	299	326	135	7,028	9,429	4,618	2,099	10,256	10,445	2,374
1917 mo. av.....	90	33	19	31	14	183	108	71	105	2,806	2,933	1,560	464	4,740	3,717	515
1918 mo. av.....	141	107	14	61	38	276	103	² 209	165	9,177	2,181	3,112	1,281	7,130	3,617	¹ 1,520
1919 mo. av.....	263	117	52	37	84	116	178	359	308	10,064	8,154	1,914	2,807	2,992	6,233	2,617
1920 mo. av.....	138	181	92	46	103	164	195	200	161	15,571	14,471	2,355	3,446	4,240	6,830	1,457
1921 mo. av.....	30	58	59	44	134	147	108	394	35	5,092	9,301	2,242	4,463	3,814	3,767	2,867
1922 mo. av.....	73	133	53	32	91	158	103	243	85	11,444	9,092	1,636	3,038	4,101	3,600	1,768
1923 mo. av.....	65	146	61	52	113	189	111	298	76	12,560	9,670	2,647	3,779	4,903	3,867	2,168
1921																
May.....	43	107	50	38	84	329	137	824	50	9,174	7,316	1,132	2,810	8,510	4,800	6,000
June.....	34	91	72	40	141	255	172	385	40	7,847	11,383	2,018	4,689	6,600	6,000	2,800
July.....	57	65	137	81	235	143	229	330	67	5,594	21,531	4,118	7,856	3,700	8,000	2,400
August.....	33	23	86	73	121	71	149	275	39	1,934	13,685	3,739	4,041	1,850	5,200	2,000
September.....	56	20	87	59	126	72	149	357	65	1,760	13,650	3,002	4,213	1,859	5,200	2,600
October.....	47	11	56	5	116	100	114	192	55	955	8,870	275	3,865	2,690	4,000	1,400
November.....	37	7	51	21	78	122	137	192	43	637	8,096	1,065	2,600	3,145	4,800	1,400
December.....	34	35	61	24	189	114	92	495	40	3,040	9,562	1,202	6,292	2,960	3,200	3,600
1922																
January.....	60	108	41	41	91	229	69	275	81	9,323	6,435	2,113	3,019	5,920	2,400	2,000
February.....	95	236	41	92	79	272	57	302	111	20,399	6,535	4,686	2,625	7,030	2,000	2,220
March.....	94	232	30	47	67	186	46	385	110	20,007	4,786	2,424	2,237	4,810	1,600	2,800
April.....	64	166	20	19	66	286	80	335	75	14,269	3,205	960	2,193	7,400	2,800	2,800
May.....	112	165	51	29	124	214	137	247	131	14,245	8,012	1,499	4,120	5,550	4,800	1,800
June.....	63	149	51	73	104	143	92	220	74	12,865	8,055	3,713	3,476	3,700	3,200	1,600
July.....	85	172	48	27	179	129	69	220	99	14,814	7,526	1,361	5,976	3,323	2,400	1,600
August.....	69	101	38	18	121	71	34	137	81	8,720	6,071	902	4,027	1,850	1,200	1,000
September.....	69	53	60	14	66	71	114	137	81	4,589	9,408	709	2,199	1,850	4,000	1,000
October.....	57	60	103	11	76	71	217	137	67	5,183	16,172	569	2,550	1,850	7,600	1,000
November.....	63	86	102	63	76	100	206	137	74	7,371	16,068	320	2,519	2,590	7,200	1,000
December.....	35	66	107	7	45	129	114	330	41	5,647	10,535	374	1,486	3,330	4,000	2,400
1923																
January.....	97	140	80	141	211	172	46	275	114	12,038	12,593	7,216	8,027	4,440	1,600	2,000
February.....	56	382	29	101	196	200	23	357	65	32,904	4,578	5,183	6,523	5,180	800	2,600
March.....	42	207	15	73	242	286	34	549	49	17,829	2,440	3,722	8,080	7,400	1,200	4,000
April.....	64	197	20	27	177	329	92	650	75	16,926	3,120	1,365	5,902	8,510	3,200	4,800
May.....	35	181	65	141	98	229	172	440	41	15,615	10,202	2,112	3,268	5,920	6,000	3,200
June.....	75	168	115	28	108	143	229	302	88	14,484	13,106	1,455	3,590	3,700	8,000	2,200
July.....	40	103	108	28	99	186	229	275	47	8,843	17,067	1,433	3,297	4,810	8,000	2,060
August.....	84	110	79	23	49	143	137	220	98	9,506	12,492	1,169	1,621	3,700	4,800	1,600
September.....	63	113	84	37	48	172	103	192	74	9,725	13,251	1,893	1,609	4,440	3,600	1,400
October.....	86	73	63	43	43	143	114	165	101	6,256	9,877	2,174	1,447	3,700	4,000	1,200
November.....	82	49	38	51	24	114	92	110	96	4,246	5,963	2,625	706	2,960	3,200	800
December.....	59	27	40	28	36	157	57	30	69	2,343	6,349	1,415	1,156	4,070	2,000	220
1924																
January.....	113	145	20	90	223	243	29	495	132	12,471	3,203	4,610	7,454	6,290	1,000	3,600
February.....	138	261	4	100	263	357	17	714	162	22,471	565	5,117	8,778	9,250	600	5,200
March.....	211	291	10	105	205	415	40	879	247	25,055	1,603	5,374	6,848	10,730	1,400	6,400
April.....	226	298	51	66	205	343	114	714	264	26,624	8,023	3,391	6,823	8,880	4,000	5,200
May.....						257	240	357						6,660	8,400	2,600
June.....						272	309	330						7,030	10,800	2,400
July.....						257	378	412						6,660	13,200	3,000
August.....																
September.....																
October.....																
November.....																
December.....																

¹ Early data on Argentine cereal exports from the *Boletín Mensual de Estadística Agrícola*; current data from the *Estadística Agro-Pecuaria*, publications directed by the Argentine Minister of Agriculture. Figures are converted from original data in metric tons.
² At end of week nearest to end of month. Visible supply of wheat and corn in chief ports reported by *Modern Miller*. Visible supply of flaxseed as reported in the *Oil, Fat, and Drug Reporter*.
³ Ten-month average.

Table 81.—VEGETABLE AND FISH OILS¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	TOTAL CRUDE VEGETABLE OILS			TOTAL REFINED VEGETABLE OILS			COTTONSEED OIL—CRUDE			PEANUT OIL—CRUDE AND VIRGIN		
	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks
Relative to 1919												
1919 quarterly average.....	100	100	100	100	100	100	100	100	100	100	100	100
1920 quarterly average.....	82	80	75	74	74	121	80	88	85	15	40	139
1921 quarterly average.....	87	79	66	70	79	104	89	98	80	44	20	56
1922 quarterly average.....	75	72	64	57	67	79	65	67	51	26	13	15
1923 quarterly average.....	87	82	61	57	65	70	68	71	56	7	4	8
1920												
Apr. 1 to June 30.....	48	67	63	54	56	145	25	58	41	11	48	136
July 1 to Sept. 30.....	43	44	65	29	80	86	15	19	30	16	54	138
Oct. 1 to Dec. 31.....	132	99	88	107	85	118	166	138	141	28	29	91
1921												
Jan. 1 to Mar. 31.....	113	96	86	103	74	143	135	140	149	31	21	78
Apr. 1 to June 30.....	57	73	54	66	93	117	43	83	34	53	19	61
July 1 to Sept. 30.....	56	51	50	38	85	45	40	39	45	45	25	34
Oct. 1 to Dec. 31.....	123	96	72	96	65	109	138	127	90	48	14	40
1922												
Jan. 1 to Mar. 31.....	84	82	74	75	69	121	74	92	50	51	22	28
Apr. 1 to June 30.....	35	50	59	30	49	66	12	29	11	31	16	20
July 1 to Sept. 30.....	51	47	56	24	67	34	33	19	49	6	12	5
Oct. 1 to Dec. 31.....	130	110	67	99	84	68	141	130	96	15	4	7
1923												
Jan. 1 to Mar. 31.....	97	103	55	71	70	90	86	109	54	8	4	4
Apr. 1 to June 30.....	61	67	58	38	50	85	20	40	11	9	4	9
July 1 to Sept. 30.....	58	53	58	27	64	29	26	21	31	5	5	13
Oct. 1 to Dec. 31.....	133	103	73	90	74	65	140	118	127	6	3	5
1924												
Jan. 1 to Mar. 31.....	98	95	62	76	61	89	81	94	99	5	3	6
Apr. 1 to June 30.....	61	72	46	49	60	70	27	65	21	6	4	23
July 1 to Sept. 30.....												
Relative to 1919												
1919 quarterly average.....	100	100	100	100	100	100	100	100	100	100	100	100
1920 quarterly average.....	61	70	60	101	101	82	107	113	120	201	123	101
1921 quarterly average.....	52	57	47	91	80	88	107	126	152	152	200	119
1922 quarterly average.....	86	72	72	109	113	90	101	183	154	231	361	105
1923 quarterly average.....	109	86	47	114	115	87	144	201	131	249	293	96
1920												
Apr. 1 to June 30.....	58	70	65	102	99	84	107	123	98	242	110	69
July 1 to Sept. 30.....	62	53	65	116	113	85	111	121	118	319	91	111
Oct. 1 to Dec. 31.....	50	63	54	54	63	69	106	86	159	190	104	135
1921												
Jan. 1 to Mar. 31.....	43	58	42	64	60	68	105	81	187	13	114	119
Apr. 1 to June 30.....	37	50	45	78	71	73	105	141	127	31	137	136
July 1 to Sept. 30.....	64	62	50	103	87	91	95	138	105	284	175	120
Oct. 1 to Dec. 31.....	66	59	51	114	103	121	121	146	169	279	371	99
1922												
Jan. 1 to Mar. 31.....	99	67	72	111	129	94	110	157	237	24	167	73
Apr. 1 to June 30.....	88	59	84	98	95	88	62	193	148	108	320	109
July 1 to Sept. 30.....	63	70	70	109	104	101	91	188	106	540	395	133
Oct. 1 to Dec. 31.....	94	92	61	119	125	77	140	192	125	252	320	133
1923												
Jan. 1 to Mar. 31.....	109	88	55	116	115	71	137	207	109	57	251	69
Apr. 1 to June 30.....	114	78	57	118	109	114	157	223	124	141	267	88
July 1 to Sept. 30.....	93	76	43	109	118	73	137	191	140	564	280	121
Oct. 1 to Dec. 31.....	122	100	32	114	117	88	146	184	149	234	343	102
1924												
Jan. 1 to Mar. 31.....	98	100	33	135	141	94	157	207	134	65	356	93
Apr. 1 to June 30.....	72	82	34	109	117	80	186	212	114	84	298	91
July 1 to Sept. 30.....												

See footnote on opposite page.

Table 82.—VEGETABLE AND FISH OILS¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	TOTAL CRUDE VEGETABLE OILS			TOTAL REFINED VEGETABLE OILS			COTTONSEED OIL—CRUDE			PEANUT OIL—CRUDE AND VIRGIN		
	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks
Thousands of pounds												
1919 quarterly average.....	578,749	635,893	508,533	466,795	357,407	283,591	357,491	339,033	111,471	21,902	43,058	24,035
1920 quarterly average.....	474,776	511,121	378,493	311,575	263,612	352,769	285,317	287,350	94,697	3,271	21,267	33,354
1921 quarterly average.....	501,318	504,034	332,003	354,769	283,729	2-3,529	317,757	321,949	89,663	9,683	10,639	13,453
1922 quarterly average.....	434,638	459,447	321,227	266,122	240,124	223,992	232,600	221,951	57,391	5,599	7,086	3,591
1923 quarterly average.....	505,647	519,273	308,159	261,017	230,821	197,694	242,750	231,095	61,793	1,563	2,297	1,600
1920												
Apr. 1 to June 30.....	276,403	427,625	319,008	251,416	200,612	410,244	88,890	192,412	45,507	2,311	25,621	32,691
July 1 to Sept. 30.....	250,289	277,387	327,692	134,223	286,368	243,293	51,875	63,186	33,357	3,494	28,779	33,168
Oct. 1 to Dec. 31.....	766,481	623,997	444,688	497,967	303,342	333,517	594,291	455,021	156,801	6,099	15,498	21,969
1921												
Jan. 1 to Mar. 31.....	652,230	611,296	437,804	481,294	261,764	406,697	481,779	459,680	169,078	6,825	11,213	18,564
Apr. 1 to June 30.....	329,053	465,952	273,298	309,791	331,487	352,772	154,281	288,767	37,851	11,665	10,532	14,761
July 1 to Sept. 30.....	325,521	323,390	253,595	179,066	305,512	126,385	112,990	128,859	59,576	9,831	13,354	8,121
Oct. 1 to Dec. 31.....	710,468	612,525	363,313	418,890	233,121	308,262	491,979	418,473	100,167	10,442	7,635	12,080
1922												
Jan. 1 to Mar. 31.....	487,796	523,292	376,807	349,726	214,851	352,302	263,593	301,788	55,117	11,074	11,552	6,699
Apr. 1 to June 30.....	202,045	316,395	297,850	141,123	176,337	251,989	43,768	55,775	12,194	6,831	8,467	4,876
July 1 to Sept. 30.....	294,453	297,309	283,997	111,421	239,911	96,297	119,195	61,025	51,909	1,236	6,260	1,141
Oct. 1 to Dec. 31.....	754,337	700,790	338,272	462,214	299,396	193,278	503,442	426,228	106,988	3,256	2,015	1,661
1923												
Jan. 1 to Mar. 31.....	562,311	654,620	279,953	331,733	250,679	282,109	303,389	358,307	60,137	1,700	2,351	979
Apr. 1 to June 30.....	354,105	425,185	292,747	176,923	180,363	241,914	70,711	131,931	11,733	1,998	2,138	2,205
July 1 to Sept. 30.....	335,091	339,575	292,291	126,817	229,181	81,118	93,181	68,455	34,457	1,147	2,545	3,121
Oct. 1 to Dec. 31.....	771,081	657,712	367,634	420,561	263,085	185,273	500,720	376,618	140,563	1,406	1,791	1,236
1924												
Jan. 1 to Mar. 31.....	566,638	603,008	314,984	353,633	218,999	251,622	289,928	307,742	110,115	1,122	1,718	1,093
Apr. 1 to June 30.....	350,344	450,210	232,090	227,041	313,001	198,849	95,519	185,149	23,335	1,323	2,377	5,564
July 1 to Sept. 30.....												

YEAR AND MONTH	COCONUT OR COPRA OIL—CRUDE			CORN OIL—CRUDE			LINSEED OIL			TOTAL FISH OIL		
	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks	Production	Consumption	Stocks
Thousands of pounds												
1919 quarterly average.....	53,836	105,584	155,220	24,350	22,408	8,027	113,232	47,256	65,425	8,230	9,791	44,609
1920 quarterly average.....	32,805	73,525	93,277	24,655	22,692	6,569	121,318	53,551	78,457	16,507	12,046	45,223
1921 quarterly average.....	28,247	60,274	73,143	21,870	17,987	7,093	120,703	59,705	99,611	12,490	19,559	52,875
1922 quarterly average.....	46,381	75,721	111,401	26,623	25,309	7,296	114,361	85,751	100,718	19,068	29,416	46,654
1923 quarterly average.....	58,980	90,377	72,689	27,836	25,753	6,957	163,391	95,169	85,519	20,490	28,666	42,633
1920												
Apr. 1 to June 30.....	31,047	73,475	100,593	24,929	22,211	6,703	121,407	57,244	64,371	13,943	10,796	30,767
July 1 to Sept. 30.....	33,607	55,623	101,219	28,221	25,272	6,845	126,138	57,310	77,503	25,284	8,863	49,714
Oct. 1 to Dec. 31.....	26,882	66,499	84,009	13,256	14,153	5,537	120,502	40,731	104,311	15,612	10,153	60,310
1921												
Jan. 1 to Mar. 31.....	23,062	61,531	65,447	15,670	13,395	5,469	118,787	39,134	122,308	1,038	11,194	53,296
Apr. 1 to June 30.....	19,900	52,771	70,239	19,023	15,818	5,841	118,781	66,505	83,144	2,585	13,453	60,467
July 1 to Sept. 30.....	34,439	64,992	77,219	25,004	19,598	7,335	107,716	65,324	69,601	23,384	17,139	58,637
Oct. 1 to Dec. 31.....	35,588	61,802	79,667	27,779	23,135	9,729	137,528	68,861	123,391	22,952	36,450	44,033
1922												
Jan. 1 to Mar. 31.....	53,404	70,448	112,014	26,984	28,004	7,546	121,911	74,396	155,272	1,940	16,387	32,737
Apr. 1 to June 30.....	47,441	62,046	131,001	23,917	21,306	7,073	70,349	92,605	97,034	8,892	31,321	48,412
July 1 to Sept. 30.....	34,217	73,597	108,557	26,626	23,307	8,139	103,400	89,096	63,036	41,433	38,720	59,547
Oct. 1 to Dec. 31.....	50,460	96,794	94,031	28,961	27,957	6,186	158,753	99,917	81,551	20,765	31,354	46,038
1923												
Jan. 1 to Mar. 31.....	58,750	93,368	85,996	23,222	23,803	5,672	155,148	97,699	71,629	4,691	27,507	39,886
Apr. 1 to June 30.....	61,523	82,174	88,523	28,768	24,470	9,185	178,267	105,613	91,453	11,599	26,178	39,214
July 1 to Sept. 30.....	50,131	80,566	66,083	26,630	26,527	5,874	154,588	90,331	91,659	46,402	27,399	51,927
Oct. 1 to Dec. 31.....	65,514	105,401	49,853	27,724	28,211	7,076	165,560	87,091	97,465	19,267	33,381	45,523
1924												
Jan. 1 to Mar. 31.....	52,681	105,719	51,265	32,985	31,704	7,535	177,583	97,846	87,761	5,314	34,893	41,691
Apr. 1 to June 30.....	39,569	86,670	52,918	26,693	26,322	6,450	179,187	100,323	74,372	6,900	29,134	40,453
July 1 to Sept. 30.....												

¹ The figures given on pages 134, 135, 138, and 139 represent the movement of certain more important vegetable and animal fats and oils, as reported quarterly by the Bureau of the Census, Department of Commerce. The data cover factory production, factory consumption, and factory and warehouse stocks. The stock figures refer to the amount on hand at the end of each quarter.

Table 83.—FARM PRODUCTS, WHOLESALE PRICES¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	WHEAT FLOUR		WHEAT		RYE	BARLEY	OATS	CORN	COTTONSEED OIL	CATTLE	HOGS	SHEEP	
	Standard patents, Minneapolis	Winter straights, Kansas City	No. 1, northern spring, Chicago	No. 2, red winter, Chicago	No. 2, cash, Chicago	By sample, fair to good malling, Chicago	Cash, Chicago	Cash, contract grades No. 2, Chicago	Summer, yellow prime, New York	Steers good to choice, corn fed, Chicago	Heavy, Chicago	Ewes, Chicago	Lambs, Chicago
Relative to 1913													
1913 monthly average.....	100	100	100	100	100	100	100	100	100	100	100	100	100
1914 monthly average.....	111	107	114	102	121	98	112	111	91	106	100	108	104
1915 monthly average.....	145	146	147	133	172	113	132	117	94	102	85	127	119
1916 monthly average.....	159	158	153	137	175	139	121	132	147	113	115	153	141
1917 monthly average.....	249	274	254	231	294	210	170	262	212	151	188	220	207
1918 monthly average.....	262	268	245	224	305	207	206	237	277	193	210	211	222
1919 monthly average.....	277	278	231	239	241	195	186	255	332	206	218	200	207
1920 monthly average.....	277	301	285	256	294	202	212	226	212	170	170	187	204
1921 monthly average.....	182	183	161	146	191	102	103	93	108	103	101	73	128
1922 monthly average.....	159	160	141	126	139	101	106	100	140	111	112	124	170
1923 monthly average.....	139	139	127	119	118	105	117	131	155	117	92	130	173
1921													
September.....	182	174	150	130	167	97	102	86	136	98	95	67	113
October.....	162	164	142	121	139	89	92	75	122	104	95	62	109
November.....	156	153	134	119	126	89	91	77	114	101	82	59	112
December.....	150	152	137	119	135	83	97	77	115	97	81	81	135
1922													
January.....	153	153	141	121	127	93	100	77	113	96	93	112	156
February.....	174	174	153	140	156	101	108	91	139	102	118	130	162
March.....	170	176	148	138	160	103	105	92	159	103	124	151	187
April.....	178	176	152	141	164	102	104	94	153	99	122	149	170
May.....	176	174	158	138	166	109	107	99	162	101	125	126	160
June.....	164	167	137	118	139	97	99	98	154	104	122	100	147
July.....	170	162	142	117	135	103	99	103	147	114	121	117	163
August.....	153	144	129	107	114	91	89	100	136	122	104	114	160
September.....	138	139	124	109	112	94	102	102	117	126	110	105	167
October.....	140	149	129	119	122	106	115	111	127	120	112	114	173
November.....	146	148	134	129	136	108	118	116	130	123	99	137	180
December.....	148	152	140	134	140	110	122	117	134	124	99	133	191
1923													
January.....	145	145	131	128	137	104	117	114	149	115	98	148	182
February.....	146	145	136	138	136	107	122	118	150	110	94	143	188
March.....	145	146	133	134	130	106	123	118	163	109	98	153	183
April.....	152	149	137	134	134	107	124	127	162	106	95	161	168
May.....	147	148	131	131	122	108	120	130	161	112	89	132	169
June.....	137	138	121	121	108	103	117	134	156	121	83	103	190
July.....	131	126	111	103	102	104	112	137	141	125	86	103	179
August.....	133	127	117	103	106	100	103	140	144	123	96	123	164
September.....	136	137	127	106	110	105	110	142	162	125	103	117	169
October.....	135	140	131	111	113	108	117	162	165	123	93	113	184
November.....	132	136	120	108	111	105	118	135	162	116	85	121	158
December.....	133	133	122	110	110	110	120	117	151	115	84	137	160
1924													
January.....	135	137	124	112	114	113	126	121	152	111	86	153	171
February.....	133	139	129	114	113	118	131	123	139	114	85	180	157
March.....	137	139	125	110	108	120	128	127	135	118	88	213	202
April.....	139	138	124	105	104	123	130	126	139	127	89	212	205
May.....	145	142	129	108	106	122	130	126	135	121	89	141	183
June.....	150	145	138	114	115	124	133	134	144	113	87	163	199
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

See footnote on opposite page.

Table 84.—FARM PRODUCTS, WHOLESALE PRICES¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	WHEAT FLOUR		WHEAT		RYE	BARLEY	OATS	CORN	COTTON-SEED OIL	CATTLE	HOGS	SHEEP	
	Standard patents, Minneapolis	Winter straight, Kansas City	No. 1, northern spring, Chicago	No. 2, red winter, Chicago	No. 2, cash, Chicago	By sample, fair to good malting, Chicago	Cash, Chicago	Cash, contract, grades No. 2, Chicago	Summer, yellow patine, New York	Steers, good to choice, corn fed, Chicago	Heavy, Chicago	Ewes, Chicago	Lambs, Chicago
	Per barrel		Per bushel						Per pound	Per 100 pounds			
1913 monthly average.....	\$4.534	\$3.847	\$0.913	\$0.986	\$0.638	\$0.675	\$0.376	\$0.625	\$0.073	\$9.507	\$5.265	\$4.657	\$7.794
1914 monthly average.....	5.090	4.125	1.011	1.005	.768	.615	.419	.695	.066	9.059	8.561	5.044	8.415
1915 monthly average.....	6.663	5.612	1.344	1.307	1.092	.701	.496	.730	.098	8.702	7.131	5.929	9.243
1916 monthly average.....	7.264	6.091	1.417	1.351	1.113	.867	.455	.825	.106	9.573	9.615	7.166	10.017
1917 monthly average.....	11.331	10.551	2.321	2.278	1.571	1.315	.637	1.637	.151	12.809	12.705	10.552	16.002
1918 monthly average.....		10.304	2.235	2.209	1.910	1.305	.775	1.605	.201	10.424	17.690	11.288	17.325
1919 monthly average.....	11.998	10.695	2.563	2.357	1.534	1.217	.709	1.557	.211	17.494	18.214	9.771	16.725
1920 monthly average.....	12.675	11.579	2.600	2.522	1.873	1.263	.796	1.411	.151	11.173	14.187	8.714	13.901
1921 monthly average.....	8.338	7.051	1.467	1.437	1.214	.635	.387	.580	.079	8.764	8.447	3.414	9.964
1922 monthly average.....	7.295	6.138	1.283	1.241	.895	.631	.397	.621	.102	9.450	9.589	5.344	13.272
1923 monthly average.....	6.334	5.355	1.155	1.171	.752	.659	.430	.519	.113	9.955	7.635	6.085	13.482
1921													
September.....	8.318	6.681	1.365	1.276	1.040	.697	.384	.578	.095	8.375	7.950	3.155	8.813
October.....	7.425	6.305	1.296	1.193	.882	.553	.346	.469	.088	8.875	7.945	2.915	8.490
November.....	7.170	5.900	1.226	1.176	.804	.554	.354	.482	.082	8.563	6.888	2.750	8.719
December.....	6.891	5.860	1.254	1.177	.858	.548	.364	.482	.083	8.219	6.744	3.781	10.590
1922													
January.....	7.000	5.875	1.285	1.196	.809	.682	.375	.484	.086	8.150	7.765	5.260	12.170
February.....	7.975	6.700	1.400	1.382	.992	.633	.395	.572	.101	8.638	9.600	6.094	14.175
March.....	7.813	6.781	1.352	1.357	1.021	.614	.393	.575	.115	8.731	10.358	7.094	14.563
April.....	8.144	6.785	1.388	1.391	1.043	.610	.393	.583	.115	8.406	10.206	6.989	13.219
May.....	8.060	6.075	1.446	1.359	1.056	.679	.403	.618	.117	8.615	10.425	5.990	12.475
June.....	7.500	6.466	1.249	1.160	.885	.605	.372	.609	.112	8.893	10.228	4.688	11.438
July.....	7.788	6.235	1.292	1.152	.855	.641	.371	.643	.107	9.700	10.090	5.475	12.735
August.....	6.995	5.525	1.178	1.057	.723	.563	.335	.622	.099	10.375	8.698	5.344	12.438
September.....	6.344	5.360	1.129	1.071	.715	.590	.384	.635	.085	10.713	9.169	4.938	13.031
October.....	6.435	5.719	1.178	1.177	.776	.660	.432	.691	.092	10.245	9.360	5.315	13.500
November.....	6.713	5.706	1.228	1.273	.863	.678	.445	.722	.094	10.509	8.244	6.438	14.030
December.....	6.775	5.860	1.274	1.325	.860	.689	.469	.731	.097	10.581	8.250	6.219	14.869
1923													
January.....	6.630	5.569	1.199	1.258	.872	.649	.441	.711	.109	9.780	8.180	6.050	14.175
February.....	6.713	5.569	1.244	1.360	.864	.666	.457	.737	.109	9.356	7.838	6.719	14.013
March.....	6.625	5.600	1.216	1.321	.827	.663	.462	.740	.118	9.283	8.163	7.150	14.250
April.....	6.956	5.744	1.253	1.320	.833	.670	.466	.793	.117	9.015	7.665	7.565	13.632
May.....	6.720	5.675	1.200	1.289	.777	.673	.451	.809	.117	9.538	7.450	6.169	13.144
June.....	6.263	5.325	1.105	1.189	.697	.643	.439	.839	.113	10.313	6.950	4.813	14.781
July.....	6.025	4.850	1.047	1.011	.647	.653	.422	.857	.102	10.550	7.210	5.050	13.975
August.....	6.160	4.900	1.072	1.017	.671	.623	.357	.876	.104	10.875	7.994	5.750	12.813
September.....	6.238	5.280	1.156	1.045	.698	.654	.413	.884	.117	10.656	8.655	5.481	15.188
October.....	6.209	5.400	1.197	1.097	.720	.678	.439	1.011	.120	10.450	7.775	5.275	12.775
November.....	6.033	5.213	1.092	1.061	.703	.656	.442	.842	.115	9.844	7.131	5.656	12.275
December.....	6.160	5.130	1.112	1.083	.701	.685	.449	.730	.110	9.785	7.050	6.440	12.500
1924													
January.....	6.195	5.250	1.133	1.106	.725	.705	.474	.759	.110	9.469	7.231	7.188	13.325
February.....	6.306	5.350	1.174	1.127	.720	.740	.493	.797	.101	9.706	7.075	8.425	14.550
March.....	6.300	5.370	1.163	1.088	.685	.753	.481	.798	.098	10.065	7.345	9.975	15.775
April.....	6.350	5.294	1.128	1.038	.662	.803	.459	.790	.101	10.775	7.425	9.938	15.928
May.....	6.638	5.470	1.177	1.066	.671	.761	.458	.786	.098	10.269	7.444	6.625	14.219
June.....	6.856	5.881	1.120	1.122	.729	.776	.501	.839	.104	9.595	7.245	4.825	14.725
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

¹ From U. S. Department of Labor, Bureau of Labor Statistics, averages of weekly quotations.

Table 85.—CROP PRODUCTION¹

[Base year in bold-faced type]

YEAR AND MONTH	WHEAT			CORN	OATS	BAR- LEY	RYE	TOTAL BREAD GRAINS	RICE	POTA- TOES	APPLES (total)	HAY, TAME	TOTAL VALUE OF CROPS (²)	
	Winter	Spring	Total											
	Relative to 5-year average, 1909-1913													
A.—INDEX NUMBERS														
1909-1913 average.....	100	100	100	100	100	100	100	100	100	100	100	100	100	
1914 final estimate.....	155	84	119	99	101	107	123	104	99	115	143	106	107	
1915 final estimate.....	153	144	149	111	137	126	155	123	121	101	130	130	121	
1916 final estimate.....	109	64	93	95	111	100	140	99	171	80	110	138	159	
1917 final estimate.....	94	91	93	113	141	116	180	117	145	124	94	126	236	
1918 final estimate.....	128	145	134	92	136	141	261	112	161	115	96	116	251	
1919 final estimate.....	172	85	141	104	105	81	216	110	175	91	81	131	270	
1920 final estimate.....	138	91	121	118	132	104	173	122	218	113	127	133	191	
1921 final estimate.....	136	88	119	113	95	85	177	109	157	101	56	125	99	
1922 final estimate.....	133	115	126	107	107	100	296	111	173	127	115	145	131	
1923 final estimate.....	130	87	114	112	115	109	180	114	139	116	111	135	146	
1922														
July estimate.....	129	101	119	106	105	100	235	108	163	120	108	137	-----	
August estimate.....	123	107	117	111	111	105	228	113	162	123	114	141	-----	
September estimate.....	123	113	119	106	111	107	228	110	162	123	117	141	-----	
October estimate.....	123	109	118	105	109	108	228	109	164	121	115	141	-----	
November estimate.....	123	109	118	107	109	108	228	110	164	121	116	141	-----	
1923														
June estimate.....	131	96	119	-----	111	108	208	110	-----	-----	106	126	-----	
July estimate.....	133	96	120	106	113	109	197	111	138	107	107	125	-----	
August estimate.....	129	92	116	110	116	111	186	113	138	107	106	123	-----	
September estimate.....	129	90	115	114	116	110	186	115	136	109	108	124	-----	
October estimate.....	129	87	114	112	115	110	186	113	137	113	108	131	-----	
November estimate.....	129	87	114	112	115	110	186	113	137	117	110	131	-----	
1924														
June estimate.....	115	75	101	-----	109	88	179	98	-----	-----	-----	-----	-----	
July estimate.....	123	81	108	93	120	93	186	102	150	105	111	137	-----	
August estimate.....	133	92	119	95	127	101	188	107	138	112	104	135	-----	
Thousands of bushels													Thous. of tons	Millions of dollars
B.—NUMERICAL DATA														
1909-1913 average.....	441,602	245,959	686,697	2,708,334	1,131,175	181,586	34,916	4,743,008	23,926	356,627	176,482	65,987	\$5,703	
1914 final estimate.....	684,980	206,027	891,017	2,672,804	1,141,060	194,953	42,779	4,942,613	23,649	409,921	252,200	70,071	6,112	
1915 final estimate.....	673,947	351,854	1,025,801	2,994,763	1,540,030	228,851	54,050	5,852,525	28,947	359,721	230,011	85,920	6,907	
1916 final estimate.....	480,553	155,765	636,318	2,566,927	1,251,837	182,300	48,862	4,686,253	40,861	286,953	193,905	91,192	9,054	
1917 final estimate.....	412,901	223,754	636,655	3,065,233	1,592,740	211,759	62,933	5,669,320	34,739	442,108	166,749	83,308	13,479	
1918 final estimate.....	565,099	356,339	921,438	2,502,665	1,538,124	256,225	91,041	5,309,493	38,606	411,860	169,625	76,660	14,331	
1919 final estimate.....	760,677	207,602	968,279	2,816,318	1,184,030	147,608	75,542	5,191,777	41,985	322,867	142,086	86,359	15,423	
1920 final estimate.....	610,597	222,430	833,027	3,208,584	1,496,281	189,332	60,490	5,787,714	52,066	403,296	223,677	87,855	10,909	
1921 final estimate.....	600,316	214,589	814,905	3,068,569	1,078,341	154,946	61,675	5,178,436	37,612	361,659	99,002	82,379	5,630	
1922 final estimate.....	586,878	280,720	867,598	2,906,020	1,215,803	182,068	103,362	5,274,851	41,405	453,396	202,702	95,882	7,450	
1923 final estimate.....	572,340	213,401	785,741	3,046,387	1,299,823	198,185	63,023	5,401,167	33,256	412,392	196,770	89,098	8,323	
1922														
July estimate.....	569,276	247,660	816,936	2,860,245	1,186,626	181,586	81,999	5,128,457	39,085	428,607	189,549	90,400	-----	
August estimate.....	541,809	263,392	805,201	3,016,950	1,251,156	191,507	79,623	5,344,414	38,700	439,900	202,000	93,100	-----	
September estimate.....	541,809	276,665	818,474	2,874,759	1,255,004	193,850	79,623	5,221,710	38,810	438,398	206,567	92,886	-----	
October estimate.....	541,809	268,314	810,123	2,853,399	1,239,774	196,431	79,623	5,169,350	39,159	433,015	203,667	92,886	-----	
November estimate.....	541,809	268,314	810,123	2,896,108	1,229,774	196,431	79,623	5,212,059	39,159	433,015	203,539	92,886	-----	
1923														
June estimate.....	580,541	236,039	816,580	-----	1,256,456	196,110	72,473	5,219,056	-----	-----	186,621	83,300	-----	
July estimate.....	585,889	234,739	820,628	2,877,437	1,283,717	198,105	68,704	5,248,691	33,099	381,726	188,608	82,800	-----	
August estimate.....	568,386	224,990	793,376	2,981,752	1,315,853	202,032	64,800	5,357,813	32,900	380,060	187,501	81,300	-----	
September estimate.....	568,386	220,841	789,227	3,075,786	1,311,687	199,337	64,774	5,440,811	32,617	389,674	189,787	81,871	-----	
October estimate.....	568,386	213,351	781,737	3,021,454	1,302,453	199,251	64,774	5,369,669	32,737	401,424	190,727	86,538	-----	
November estimate.....	568,386	213,351	781,737	3,029,192	1,302,453	199,251	64,774	5,377,407	32,737	416,722	193,855	86,538	-----	
1924														
June estimate.....	509,319	183,831	693,150	-----	1,231,728	160,070	62,461	4,662,794	-----	-----	-----	-----	-----	
July estimate.....	542,551	197,461	740,012	2,515,385	1,356,338	170,011	64,800	4,846,546	35,800	373,000	196,000	90,100	-----	
August estimate.....	509,000	225,000	814,000	2,576,000	1,439,000	184,000	65,800	5,078,800	32,900	399,000	184,000	89,000	-----	

¹ Yearly figures represent the latest revised estimates of total production for the year as reported by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Monthly figures are estimates of the current year's crop as made during the first week of that month. The estimates made in December of each year are subject to revision in the final estimate made in December of the following year.

² Estimated total value of all crops based on prices at the farm on Dec. 1.

³ June figures for total bread grains include corn as estimated on July 1.

Table 86.—FRUITS, VEGETABLES, AND HAY¹

[Base year in bold-faced type]

YEAR AND MONTH	APPLES		CITRUS FRUIT ²	WHITE POTATOES	ONIONS	HAY	SWEET CORN (Iowa-Nebraska canneries)	APPLES		CITRUS FRUIT ²	WHITE POTATOES	ONIONS	HAY	SWEET CORN (Iowa-Nebraska canneries)
	Cold-storage holdings ³	Car-lot shipments				Receipts	Unsold stocks	Cold-storage holdings ³	Car-lot shipments				Receipts	Unsold stocks
	Relative to 1919						Relative to 1922	Thous. of barrels	Number of carloads				Tons	Tons
	RELATIVE NUMBERS						NUMERICAL DATA							
1916 mo. av.	97	102		70	75			1,890	6,950		11,597	1,591		
1917 mo. av.	90	70		80	92			1,753	4,754		12,655	1,596		
1918 mo. av.	96	84	63	94	105	103		1,685	5,737	3,417	14,105	1,835	124,870	
1919 mo. av.	100	100	100	100	100	100		1,940	6,786	5,393	15,005	1,740	138,672	
1920 mo. av.	123	126	111	97	124	90		2,383	8,580	5,975	14,627	2,163	119,102	
1921 mo. av.	121	118	139	121	111	58		2,344	8,012	7,500	18,200	1,952	69,948	
1922 mo. av.	132	114	109	133	124	64	100	2,570	7,734	5,882	19,930	2,163	76,873	174,594
1923 mo. av.	172	151	153	126	123	63	23	3,329	10,268	8,261	18,956	2,132	76,493	181,054
1922														
January	222	62	164	111	102	69	178	4,313	4,217	8,811	16,663	1,781	83,594	1,409,090
February	159	69	129	88	59	61		3,090	4,682	6,951	18,181	1,622	73,125	
March	99	43	168	148	42	57		1,930	2,933	9,042	22,924	724	68,723	
April	49	26	137	134	178	54		914	1,761	7,410	20,131	3,162	65,177	
May	16	17	116	135	131	54		314	1,140	6,216	20,275	2,206	64,887	
June	3	18	70	148	54	68		56	1,192	3,753	22,139	945	83,510	
July		35	45	122	75	50	66		2,387	2,412	18,381	1,295	69,067	519,600
August		63	37	117	126	70			4,312	2,014	17,550	2,291	84,163	
September	75	205	35	159	251	77		1,452	13,903	1,882	23,795	4,361	92,740	
October	285	431	81	225	269	62	83	5,521	29,313	4,351	33,711	4,687	74,392	643,000
November	348	278	133	132	116	71		6,743	18,740	7,162	10,547	2,018	85,988	
December	334	121	193	77	88	71	73	6,481	8,229	10,416	11,559	1,529	56,132	569,417
1923														
January	277	120	198	107	110	69		5,376	8,171	10,709	16,049	1,960	83,423	
February	200	92	198	90	80	57	37	3,877	6,257	10,605	13,481	1,396	69,014	291,293
March	119	79	219	153	81	69	30	2,314	5,362	11,844	22,917	1,413	83,379	238,417
April	55	40	186	145	77	67		1,070	2,629	10,026	21,728	1,535	80,969	
May	14	22	198	101	144	51	17	277	1,529	10,431	15,123	2,514	61,768	133,623
June	2	7	136	132	30	50	12	45	463	7,327	19,849	683	60,248	97,568
July	2	46	86	106	80	50	7	30	3,154	4,654	18,853	1,396	67,066	52,347
August	4	55	56	102	125	60	8	68	3,749	3,024	15,324	2,168	72,096	43,092
September	48	212	60	153	213	71		927	14,377	3,240	22,907	3,701	85,230	
October	321	655	100	223	274	73	50	6,224	44,515	5,290	33,433	4,769	87,786	393,930
November	521	371	207	129	151	75	28	10,099	25,187	11,149	19,400	2,622	90,646	219,185
December	497	114	198	76	97	63	24	9,641	7,748	10,672	11,463	1,683	76,458	187,117
1924														
January	404	117	180	127	139	83	22	7,843	7,961	9,735	18,933	2,411	109,367	174,072
February	308	118	217	132	120	86		5,966	7,995	11,693	19,862	2,092	103,963	(⁴)
March	200	91	227	147	109	67		3,871	6,162	12,251	22,091	1,888	80,255	(⁴)
April	108	50	234	123	130	54		2,098	3,373	12,680	18,406	2,270	65,724	(⁴)
May	39	32	200	117	158	58		761	2,201	10,817	17,596	2,752	70,455	(⁴)
June		13	145	136	66	63			566	7,811	20,470	981	76,099	(⁴)
July														
August														
September														
October														
November														
December														

¹ Receipts of hay at 11 principal markets, compiled from weekly reports to the *Hay Trade Journal*; unsold stocks of canned sweet corn at the end of each month in 36 canneries of Iowa and Nebraska, compiled by the *Iowa-Nebraska Canners Association*; other data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics.

² Oranges, lemons, and grapefruit.

³ Holdings now given at the end of the month.

⁴ Average of stocks taken January, July, October, and December, 1922.

⁵ Average of stocks taken for nine months shown in column under 1923.

⁶ Nov. 18, 1921.

⁷ Canners' holdings are so small as to be negligible. Inventories will be resumed when the new pack attains reasonable importance.

Table 87.—MOVEMENT OF CEREALS

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	WHEAT FLOUR ¹			WHEAT				CORN				BAR- LEY	RYE	OATS	
	Pro- duc- tion	Con- sump- tion	Stocks	Visible supply ²		Re- cep- ts ⁴	Ship- ments ⁴	Visible sup- ply ²	Re- cep- ts ⁴	Ship- ments ⁴	Grind- ings ³	Receipts at principal interior markets ⁴			Visible sup- ply ¹
				United States	Canada							Relative to 1913	Relative to 1919	Relative to 1913	
	Relative to 1914	Relative to 1919		Relative to 1913		Relative to 1919		Relative to 1913							
1913 monthly av.....				100	100			100			100	100	100	100	100
1914 monthly av.....	100			96	100			105			91	82	127	107	114
1915 monthly av.....	96			97	98			183			111	98	140	109	106
1916 monthly av.....	102			110	187	60		125	141		126	104	150	132	138
1917 monthly av.....	101			51	146	69	71	64	116	116	118	76	148	120	136
1918 monthly av.....	96			85	79	103	82	103	165	153	146	68	215	137	106
1919 monthly av.....	114	100	100	131	100	100	100	41	100	100	129	86	308	93	128
1920 monthly av.....	94	101	95	70	75	86	117	71	120	109	121	42	287	86	89
1921 monthly av.....	104	105	76	62	112	115	122	256	189	214	116	37	199	86	270
1922 monthly av.....	108	114	77	62	173	111	116	315	219	244	133	37	414	92	268
1923 monthly av.....	108	114	81	96	195	103	91	138	151	161	131	43	285	97	104
1922															
January.....	98	110	77	84	225	55	57	362	347	332	123	25	98	80	387
February.....	95	97	80	80	194	72	58	533	389	360	142	26	123	87	405
March.....	100	119	64	71	188	64	71	607	207	270	159	36	251	74	371
April.....	81	85	60	61	169	50	54	470	97	136	100	21	110	45	321
May.....	83	89	58	52	122	92	128	371	181	268	112	32	353	94	275
June.....	84	90	58	34	91	67	110	393	208	220	127	36	141	85	245
July.....	106	97	75	39	58	126	108	265	173	294	126	25	111	81	211
August.....	126	124	86	54	41	193	245	119	163	246	135	45	1,088	123	220
September.....	129	136	88	64	130	183	161	166	235	216	146	56	926	108	207
October.....	140	141	94	67	287	153	141	124	217	263	161	51	608	115	204
November.....	138	144	96	66	276	135	137	153	160	161	153	45	605	113	189
December.....	114	135	82	73	293	144	122	217	250	158	109	47	550	101	186
1923															
January.....	104	114	78	90	301	119	95	263	250	255	132	42	555	109	177
February.....	97	91	82	91	258	69	54	356	209	187	127	28	367	77	159
March.....	109	108	85	87	242	69	68	372	175	182	142	38	284	90	188
April.....	92	103	79	83	220	70	63	291	113	161	126	28	311	82	126
May.....	93	107	72	62	127	53	111	102	71	183	148	20	185	65	78
June.....	86	93	73	49	77	58	78	51	95	126	120	24	196	68	49
July.....	107	104	73	55	42	107	88	28	121	132	97	22	113	78	33
August.....	124	137	86	107	16	207	132	23	146	148	128	56	297	136	58
September.....	124	115	93	122	95	144	130	30	123	131	133	80	413	128	95
October.....	129	133	90	132	247	129	95	13	110	98	153	67	265	139	118
November.....	119	127	84	138	331	118	88	39	155	116	133	50	273	88	107
December.....	111	132	75	141	383	90	83	84	244	209	135	64	157	97	114
1924															
January.....	113	114	76	126	376	50	56	125	204	222	161	32	140	78	101
February.....	108	107	76	122	387	63	53	243	290	240	170	37	150	91	102
March.....	109	117	72	112	372	57	60	325	202	196	187	33	130	81	96
April.....	98	105	71	96	286	32	60	236	117	180	153	31	74	67	61
May.....	100	111	68	76	191	49	84	160	108	198	120	24	192	66	39
June.....	96	95	72	61	138	52	69	110	116	164	134	44	129	68	30
July.....											139				
August.....															

See footnotes on opposite page also.

¹ Reported by U. S. Grain Corporation prior to July, 1920, covering practically the entire industry; beginning with July, 1920, from *Russell's Commercial News*, the production and stock figures being prorated to 100 per cent from representative current data bearing a known relation to the total figures. Stocks represent flour in all positions. Consumption is calculated from production, stocks, exports and imports. Monthly production figures from January, 1914, are given in the October, 1922, issue (No. 14) of the SURVEY, page 47.

² From *Bradstreet's*, representing condition on Saturday nearest end of month at terminals, elevators, warehouses, docks, etc., wheat supplies are totals for United States and Canada, separately; corn supply is amount east of Rocky Mountains, including Canadian, which is small, on nearest Saturday to end of the month.

Table 88.—MOVEMENT OF CEREALS

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	WHEAT FLOUR ¹			WHEAT				CORN				BAR-LEY	RYE	OATS		
	Pro-duction	Con-sumption	Stocks	Visible supply ²		Re-celpts ⁴	Ship-ments ⁴	Visible supply ³	Re-celpts ⁴	Ship-ments ⁴	Grind-ings ³	Receipts at principal interior markets ⁴		Visible supply ⁴		
				United States	Canada							Receipts at principal interior markets ⁴				
	Thousands of barrels			Thousands of bushels												
1913 mo. av.				59,802	32,663			8,404				4,195	9,058	1,294	20,694	17,415
1914 mo. av.	9,703			57,379	32,604			8,827				3,817	7,135	1,618	22,200	19,784
1915 mo. av.	9,338			38,155	32,173			15,352				4,664	8,383	1,809	22,651	18,384
1916 mo. av.	9,919			65,974	61,055	18,861		10,470	21,159			5,276	9,438	1,936	27,299	24,025
1917 mo. av.	9,815			30,393	47,531	21,619	14,198	5,310	17,447	10,233		4,952	6,967	1,912	24,844	23,692
1918 mo. av.	9,317			51,051	25,871	32,517	16,335	8,655	24,774	13,525	6,112	6,118	2,777	28,325	18,512	
1919 mo. av.	11,091	8,156	9,433	78,231	32,750	31,493	19,919	3,444	14,935	8,845	5,411	7,746	3,988	19,261	22,298	
1920 mo. av.	9,146	8,237	8,943	41,957	24,583	27,638	23,232	5,999	17,985	9,653	5,075	3,815	3,712	17,800	15,478	
1921 mo. av.	10,102	8,569	7,148	36,795	36,510	36,369	24,318	21,539	28,409	18,919	4,853	3,521	2,573	17,889	46,969	
1922 mo. av.	10,466	9,291	7,220	37,131	56,510	35,009	23,107	26,476	32,814	21,552	5,546	5,367	5,313	19,093	46,739	
1923 mo. av.	10,450	9,320	7,634	57,601	63,693	32,363	18,038	11,571	22,642	14,211	5,533	3,969	3,683	19,974	18,167	
1921																
September	13,349	11,660	8,265	62,758	29,536	61,406	40,300	13,262	36,561	26,961	6,092	5,086	5,488	19,016	61,524	
October	13,917	10,248	10,425	62,767	62,025	41,568	28,758	22,328	34,496	21,160	6,569	4,013	3,006	21,964	69,917	
November	10,166	10,164	9,241	54,407	83,041	25,576	19,455	18,197	15,467	12,770	6,174	2,102	1,987	10,841	69,198	
December	8,856	9,365	7,776	56,776	82,845	23,975	13,634	27,109	39,723	17,463	6,601	1,704	2,316	13,420	67,728	
1922																
January	9,496	8,901	7,300	50,135	73,583	17,458	11,335	30,383	52,097	29,393	5,179	2,265	1,267	16,483	67,423	
February	9,232	7,893	7,500	48,046	63,463	22,700	11,536	41,767	58,330	31,842	5,946	2,358	1,589	17,711	70,470	
March	9,658	9,720	6,000	42,287	61,506	20,220	14,135	51,010	31,035	23,891	6,685	3,291	3,251	15,340	64,644	
April	7,823	6,986	5,700	36,644	55,339	15,630	10,684	39,502	14,652	12,019	4,211	1,881	1,417	9,371	55,837	
May	8,073	7,245	5,500	31,065	39,792	20,070	23,474	31,170	27,083	23,691	4,705	2,943	4,564	19,594	47,950	
June	8,136	7,393	5,500	20,342	29,573	20,907	21,927	33,068	31,157	19,463	5,323	3,299	1,824	17,585	42,743	
July	10,321	7,909	7,037	23,077	18,980	39,534	21,612	22,304	25,975	26,009	5,294	2,283	1,430	16,811	36,667	
August	12,271	10,680	8,100	32,479	13,511	60,644	48,546	10,007	24,380	21,728	5,620	4,121	14,083	25,371	38,355	
September	12,540	11,081	8,300	38,025	42,348	57,735	32,081	13,952	35,296	19,136	6,108	5,081	11,580	22,418	35,998	
October	13,581	11,522	8,900	39,853	93,638	48,300	28,076	10,436	32,477	23,252	6,733	4,607	7,863	23,776	35,464	
November	13,424	11,709	9,100	39,761	90,281	42,493	27,300	12,846	23,925	14,306	6,403	4,104	7,832	23,375	32,940	
December	11,041	10,992	7,700	43,856	95,866	45,331	24,280	18,236	37,466	13,991	4,557	4,215	7,121	20,955	32,391	
1923																
January	10,137	9,314	7,400	53,823	98,212	37,615	18,936	22,133	37,558	22,321	5,530	3,776	7,176	22,635	39,861	
February	9,425	7,984	7,700	54,562	84,197	21,618	10,740	29,877	31,287	16,533	5,336	2,539	4,749	16,023	27,683	
March	10,607	8,844	8,050	51,862	79,173	21,746	13,621	31,296	29,222	16,990	5,916	3,193	3,679	18,568	24,044	
April	8,969	8,427	7,457	49,521	71,876	21,901	12,567	24,472	16,976	14,274	3,270	2,591	4,022	16,567	21,932	
May	9,007	8,701	6,500	37,203	41,498	16,742	22,191	8,598	10,663	10,187	6,084	1,806	2,388	13,454	13,514	
June	8,331	7,445	6,900	29,403	25,224	18,220	15,476	4,269	14,212	11,102	5,279	2,162	2,512	14,139	8,523	
July	10,408	8,442	6,900	32,648	13,847	33,804	17,586	2,316	18,184	11,661	4,090	2,018	1,458	16,130	5,710	
August	12,016	11,162	8,100	63,022	5,133	65,315	26,387	1,966	21,822	13,069	5,399	5,056	3,839	28,179	10,111	
September	11,605	9,341	8,500	72,930	31,016	45,314	25,537	2,516	18,474	11,615	5,377	7,210	5,312	26,756	16,511	
October	12,561	10,850	8,500	79,034	80,782	40,488	18,993	1,105	16,450	8,689	6,421	6,061	3,434	28,710	20,483	
November	11,524	10,366	7,900	82,269	108,193	37,192	17,612	3,274	23,199	10,269	5,576	4,443	3,531	18,295	18,684	
December	10,778	10,771	7,100	84,030	125,259	28,404	16,515	7,035	38,658	18,521	5,668	5,830	2,036	20,134	19,940	
1924																
January	11,000	9,299	7,150	75,111	122,902	15,875	11,200	10,513	30,600	19,648	6,758	2,916	1,807	16,208	17,539	
February	10,286	8,711	7,200	72,014	126,495	19,803	10,616	20,534	43,442	21,213	7,172	3,381	1,938	18,778	17,741	
March	10,578	9,572	8,800	69,739	121,648	17,997	12,020	27,314	30,345	17,361	7,835	2,993	1,677	16,771	16,715	
April	9,521	8,588	6,700	57,383	93,389	10,123	12,017	19,794	17,535	15,912	6,497	2,801	960	13,769	10,656	
May	9,765	9,089	6,100	45,258	62,299	15,368	16,616	13,480	16,131	17,546	5,027	2,204	2,488	13,737	6,720	
June	9,332	7,769	6,800	36,496	44,932	16,410	13,714	9,217	17,415	14,505	5,621	3,972	1,674	14,003	5,264	
July											5,835					
August																

See footnote on opposite page also.

¹Grindings of corn by the wet process in the manufacture of cornstarch, glucose, etc., compiled by the Associated Corn Products Manufacturers from reports of 11 firms comprising the practically entire industry.²At principal primary markets, as compiled by the Chicago Board of Trade and reported by the Price Current Grain Reporter, except barley and rye compiled by the Federal Reserve Board from receipts at 17 interior centers.³Taken from the Chicago Board of Trade as of the nearest Saturday to the end of each month.

Table 89.—CEREAL EXPORTS¹

[Base year in bold-faced type]

YEAR AND MONTH	EXPORTS OF GRAIN (including flour and meal as grains)											
	Barley and barley flour ²	Corn and corn meal ³	Oats and oat-meal ⁴	Rye and rye flour ⁵	Wheat and wheat flour ⁶	Total bread grains	Barley and barley flour ²	Corn and corn meal	Oats and oat-meal ⁴	Rye and rye flour ⁵	Wheat and wheat flour ⁶	Total bread grains
	Relative to 1913						Thousands of bushels					
	RELATIVE NUMBERS						NUMERICAL DATA					
1913 monthly average.....	100	100	100	100	100	100	1,461	4,223	3,018	155	11,907	20,744
1914 monthly average.....	38	21	7	123	102	67	554	874	223	189	12,133	13,973
1915 monthly average.....	151	99	298	736	196	191	2,211	4,185	8,993	1,138	23,064	39,560
1916 monthly average.....	128	109	291	854	153	168	1,874	4,603	8,791	1,320	18,230	34,817
1917 monthly average.....	102	112	310	792	118	149	1,488	4,751	9,370	1,224	14,070	30,993
1918 monthly average.....	130	98	358	879	146	171	1,897	3,922	10,815	1,359	17,413	35,406
1919 monthly average.....	231	31	184	2,183	187	173	3,369	1,325	5,551	3,375	22,259	35,373
1920 monthly average.....	102	42	45	3,195	215	169	1,489	1,771	1,357	4,938	25,636	35,191
1921 monthly average.....	147	260	22	1,622	249	222	2,153	10,907	698	2,512	29,643	46,002
1922 monthly average.....	105	328	99	2,571	169	201	1,536	13,835	2,979	3,985	19,337	41,672
1923 monthly average.....	67	88	32	1,721	120	109	984	3,724	966	2,667	14,327	22,668
1921												
September.....	367	448	22	2,400	327	326	5,357	18,937	678	3,720	88,950	67,642
October.....	143	224	28	1,291	213	191	2,082	9,470	844	2,001	25,366	39,763
November.....	172	100	11	446	163	132	2,511	4,475	343	691	19,453	27,473
December.....	57	248	19	1,274	126	139	830	10,438	573	1,975	15,014	28,880
1922												
January.....	29	460	17	745	126	176	421	19,437	511	1,154	14,982	36,585
February.....	32	527	14	780	92	170	465	22,254	436	1,209	10,991	35,355
March.....	57	543	92	615	121	202	836	22,936	2,770	954	14,371	41,867
April.....	69	446	67	2,545	86	174	1,002	18,817	2,035	3,945	10,244	36,043
May.....	69	268	103	3,543	120	170	1,015	11,306	3,104	5,491	14,267	35,183
June.....	79	280	236	3,215	153	208	1,153	11,805	7,114	4,984	18,200	43,256
July.....	172	341	153	1,803	160	209	2,519	14,395	4,631	2,795	19,098	43,438
August.....	143	292	76	2,983	327	290	2,086	12,325	2,286	4,623	38,964	60,284
September.....	231	231	161	7,202	267	295	3,671	9,769	4,870	11,163	31,839	61,312
October.....	201	244	123	1,442	211	213	2,940	10,312	3,721	2,235	25,077	44,265
November.....	107	183	111	3,538	148	172	1,563	7,722	3,356	5,484	17,579	35,704
December.....	52	117	30	2,442	138	129	762	4,944	915	3,785	16,428	26,834
1923												
January.....	45	175	16	2,229	105	118	661	7,388	497	3,455	12,519	24,520
February.....	82	211	32	3,554	102	141	1,191	8,894	966	5,974	12,197	29,222
March.....	69	184	29	892	90	105	1,012	7,764	874	1,382	10,725	21,757
April.....	48	133	39	1,436	86	96	708	5,632	1,175	2,226	10,195	19,956
May.....	25	127	35	2,993	121	124	365	5,358	1,069	4,639	14,396	25,827
June.....	25	50	21	2,507	108	96	362	2,123	641	3,886	12,881	19,693
July.....	56	31	28	2,163	108	92	816	1,329	857	3,352	12,822	19,176
August.....	176	22	27	1,139	167	125	2,571	942	815	1,765	19,929	26,022
September.....	141	31	41	1,673	189	143	2,054	1,201	1,241	2,593	22,465	29,644
October.....	98	16	38	352	157	108	1,425	688	1,158	545	18,652	22,463
November.....	18	26	39	633	102	75	264	1,097	1,179	981	12,147	15,668
December.....	20	52	37	774	109	86	382	2,183	1,125	1,200	12,991	17,881
1924												
January.....	20	74	21	530	102	82	299	3,106	639	821	12,201	17,066
February.....	42	84	16	259	84	73	613	3,542	485	402	10,019	15,061
March.....	66	95	11	235	79	73	969	4,028	323	365	9,374	15,659
April.....	48	51	6	1,385	71	66	706	2,150	185	2,147	8,418	13,606
May.....	31	44	5	1,290	61	50	448	1,853	137	1,999	7,206	11,643
June.....	35	24	4	2,408	86	76	513	1,017	119	3,732	10,257	15,696
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹Data from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.²Barley flour converted at 5.5 bushels to the barrel.³Corn meal converted at 4 bushels to the barrel.⁴Oatmeal converted at 5.21 bushels to 100 pounds.⁵Rye flour converted at 6 bushels to the barrel.⁶Wheat flour converted at 4.5 bushels to the barrel.

Table 90.—RICE ¹

[Base year in bold-faced type]

YEAR AND MONTH	SHIPMENTS			STOCKS END OF MONTH	IMPORTS	EXPORTS	PADDY AT CALIFORNIA WAREHOUSES			SOUTH- ERN PADDY	TOTAL MOVE- MENT TO MILLS	SHIPMENTS		STOCKS END OF MONTH		IM- PORTS	EX- PORTS	
	Re- ceipts at mills	Total from mills	New Or- leans				Dom- estic at mills and deal- ers	Receipts	Ship- ments			Stocks end of month	Receipts at mills	Total from mills	New Orleans			Domestic at mills and dealers
	Relative to 1919						Barrels or sacks of 162 pounds ²						Pockets of 100 pounds					
	RELATIVE NUMBERS						NUMERICAL DATA											
1913 mo. av.			67		141	7								163,718		191,510	23,004	
1914 mo. av.			80		142	13								203,340		193,597	41,004	
1915 mo. av.	77	78	77	93	156	18			468,036			479,349	196,239	757,281	212,149	56,327		
1916 mo. av.	105	107	101	126	132	35			640,627			652,912	258,484	1,021,612	179,769	109,114		
1917 mo. av.	97	105	103	108	163	55			591,159			642,918	275,513	872,667	222,059	172,990		
1918 mo. av.	104	114	109	84	328	45			633,910			699,751	278,759	682,788	446,741	139,914		
1919 mo. av.	100	100	100	100	100	100			609,477			611,661	251,823	811,635	136,090	314,063		
1920 mo. av.	105	91	87	159	81	104			632,610			554,723	222,175	1,287,057	109,706	327,177		
1921 mo. av.	131	157	125	159	47	143			796,277			957,589	318,147	1,291,023	63,532	488,412		
1922 mo. av.	137	130	108	151	39	109			837,657			797,973	275,359	1,253,992	52,946	342,952		
1923 mo. av.	108	112	88	166	29	90			659,615	1,091,219		687,198	223,472	1,343,655	40,105	283,629		
1922																		
January	159	141	73	185	63	75			966,825			862,554	185,931	1,593,521	86,395	236,723		
February	163	167	131	204	39	128			992,952			1,020,375	333,436	1,633,291	53,447	400,867		
March	214	196	166	190	31	213			1,301,984	1,301,984		1,198,126	423,044	1,740,545	42,752	669,032		
April	51	82	63	165	36	135			399,256			499,480	161,537	1,335,899	48,990	422,883		
May	15	79	79	120	63	100			90,891			481,812	200,198	972,422	86,109	312,640		
June	7	46	56	94	25	149			44,793			283,198	142,528	761,982	34,653	468,321		
July	3	44	53	63	15	105			21,106			267,552	135,916	515,190	20,521	329,782		
August	74	85	89	50	15	83			448,897			519,652	226,831	402,278	30,664	261,182		
September	149	129	96	77	38	38			909,359			700,466	213,967	621,405	51,285	119,415		
October	314	233	156	174	31	48			1,913,275	1,913,275		1,424,934	397,074	1,469,775	41,741	152,073		
November	292	210	171	247	78	127			1,780,126	1,780,126		1,287,207	436,596	2,063,659	105,842	398,832		
December	209	154	164	287	32	109			1,272,415	1,272,415		940,319	417,324	2,325,937	42,918	343,462		
1923																		
January	156	166	136	281	88	151			952,293			1,015,520	347,405	2,283,793	119,219	474,538		
February	64	92	121	251	29	106			392,191			561,779	308,663	2,039,140	39,836	334,215		
March	65	107	81	215	22	111	None.	230,692	2,162,029	395,697	626,389	654,482	205,855	1,743,020	30,146	347,064		
April	87	116	124	194	52	108	None.	201,351	1,960,673	529,193	730,544	707,736	315,485	1,575,051	70,721	331,926		
May	22	92	80	144	18	112	None.	566,768	1,393,910	137,116	703,884	590,037	202,717	1,169,789	24,526	351,396		
June	30	57	52	119	68	84	None.	589,403	504,507	184,684	774,087	318,369	131,517	965,879	93,218	262,807		
July	17	56	64	92	11	124	None.	249,194	555,313	103,938	353,132	345,583	163,448	744,481	15,427	388,867		
August	72	67	40	65	15	32	None.	131,850	420,463	437,594	571,354	410,388	101,691	548,039	20,155	102,000		
September	65	101	61	44	4	33	20,310	370,838	69,944	393,605	761,443	617,952	156,469	355,518	4,792	192,959		
October	248	153	93	118	6	59	1,463,395	25,459	1,507,859	1,512,281	1,537,770	968,770	236,714	954,101	7,897	184,646		
November	314	202	121	214	20	59	831,727	857,323	1,482,251	1,911,515	2,768,838	1,236,100	307,721	1,734,333	20,708	184,092		
December	158	134	80	248	21	108	28,068	146,326	1,364,896	965,725	1,112,051	819,619	203,738	2,010,527	28,614	339,117		
1924																		
January	176	181	90	249	33	97	None.	186,116	1,178,780	1,075,680	1,261,795	1,104,876	228,712	2,018,819	44,876	303,959		
February	95	151	80	207	23	56	26,402	207,140	993,042	579,922	787,062	924,545	203,224	1,680,373	31,868	177,314		
March	61	134	70	146	43	58	None.	392,204	549,159	369,704	761,468	818,902	177,670	1,181,672	55,695	180,632		
April	13	77	37	88	26	37	None.	42,977	468,951	80,057	123,031	470,496	95,165	718,226	35,498	116,423		
May	2	59	28	53	24	24	None.	57,463	376,080	13,986	71,449	305,995	71,433	429,503	32,978	75,847		
June	2	22	14	37	37	12	None.	77,028	293,890	9,466	86,494	135,094	34,646	302,640	50,954	36,508		
July	1	22	17	20						5,639		135,259	43,056	165,241				
August																		
September																		
October																		
November																		
December																		

¹ Southern receipts, shipments and stocks at mills from *Rice Millers' Association*, comprising movement of the whole rice crop except California rice. Data on paddy at California warehouses from *Rice Growers' Association of California*, receipts being given at association warehouses, representing about 75 per cent of the California rice acreage, while shipments and stocks are from all warehouses in California. The column "total movement to mills" is a total of the shipments from California warehouses and receipts at Southern mills, thus giving a view of the total movement of domestic rice to the mills. Shipments of rice through New Orleans compiled by *New Orleans Board of Trade*. Imports and exports from *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*, data for rough rice being reduced to the equivalent clean rice at 162 pounds of rough to 100 pounds of clean.

² Rough rice barrels or sacks of 162 pounds are equivalent to clean rice pockets of 100 pounds each.

³ Covers first 21 days only, during which period the old tariff law was in effect; other 9 days included in October figures.

⁴ Average for 10 months, March through December.

Table 91.—LIVESTOCK MOVEMENT¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	CATTLE AND CALVES				PIGS				SHEEP AND LAMBS			
	Total receipts	Shipments		Local slaughter	Local receipts	Shipments		Local slaughter	Total receipts	Shipments		Local slaughter
		STOCKER AND FEEDER	TOTAL			STOCKER AND FEEDER	TOTAL			STOCKER AND FEEDER	TOTAL	
	Relative to 1919											
1917 monthly average.....	93	87	84	97	85	86	86	85	71	61	67	72
1918 monthly average.....	102	93	95	109	101	108	99	101	83	75	84	81
1919 monthly average.....	100	100	100	100	100	100	100	100	100	100	100	100
1920 monthly average.....	91	76	92	91	95	81	107	99	83	74	86	87
1921 monthly average.....	80	66	80	81	92	56	103	87	89	45	78	102
1922 monthly average.....	94	92	89	91	98	65	107	94	82	60	80	84
1923 monthly average.....	94	88	94	95	123	91	134	119	91	65	81	81
1921												
May.....	75	49	67	81	89	52	88	80	85	21	77	96
June.....	77	47	66	88	96	44	96	98	82	15	63	104
July.....	65	28	55	74	73	23	77	71	78	24	64	95
August.....	91	81	95	87	71	31	78	68	110	70	93	127
September.....	93	90	102	86	71	55	80	67	116	96	118	114
October.....	113	141	134	95	86	60	103	79	134	126	138	122
November.....	94	113	112	82	99	44	109	83	91	88	90	94
December.....	69	56	76	65	105	47	149	85	73	35	73	76
1922												
January.....	79	53	75	81	114	36	150	98	81	32	73	88
February.....	69	55	66	72	97	83	111	90	62	20	54	72
March.....	79	64	71	87	91	99	99	89	65	25	56	74
April.....	72	53	63	79	82	75	80	79	54	17	47	64
May.....	91	82	87	95	100	93	96	101	75	25	69	81
June.....	86	59	78	93	101	76	93	106	75	33	64	88
July.....	83	51	75	88	80	41	86	76	74	35	59	91
August.....	105	107	116	97	81	41	89	78	86	61	75	97
September.....	117	143	141	97	82	45	97	76	102	92	107	95
October.....	143	196	176	114	99	65	109	93	146	197	181	161
November.....	118	161	150	100	118	73	126	115	101	131	121	84
December.....	89	81	95	87	134	61	139	133	67	44	69	78
1923												
January.....	91	64	85	95	142	88	158	134	72	30	60	85
February.....	69	48	63	76	120	85	140	111	60	29	53	67
March.....	73	45	62	84	132	92	143	128	63	20	53	76
April.....	81	53	61	95	116	101	117	115	64	14	48	81
May.....	93	68	80	103	121	89	121	121	79	37	75	84
June.....	80	54	72	87	113	84	118	111	64	20	53	78
July.....	93	50	83	91	112	45	125	105	73	33	59	89
August.....	108	109	118	102	99	83	121	90	79	59	74	86
September.....	112	143	129	97	97	138	112	90	117	155	144	85
October.....	136	178	155	120	129	135	140	123	153	258	202	93
November.....	106	142	127	97	145	93	149	144	80	93	90	74
December.....	88	80	88	89	156	61	160	155	67	27	57	79
1924												
January.....	92	55	80	101	167	67	184	159	75	26	64	87
February.....	71	39	60	80	143	63	178	127	62	18	57	65
March.....	76	40	61	87	131	61	155	117	60	14	51	69
April.....	85	54	70	97	117	76	131	111	60	18	51	69
May.....	88	63	83	100	116	61	135	108	69	20	62	69
June.....	81	46	71	90	115	39	119	112	68	26	54	80
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnote on opposite page.

Table 92.—LIVESTOCK MOVEMENT ¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	CATTLE AND CALVES				HOGS				SHEEP AND LAMBS			
	Total receipts	Shipments		Local slaughter	Total receipts	Shipments		Local slaughter	Total receipts	Shipments		Local slaughter
		STOCKER AND FEEDER	TOTAL			STOCKER AND FEEDER	TOTAL			STOCKER AND FEEDER	TOTAL	
Thousands of animals												
1917 monthly average.....	1,094	382	747	1,109	3,159	61	1,027	2,157	1,618	372	808	756
1918 monthly average.....	2,104	408	850	1,241	3,766	81	1,185	2,572	1,869	432	1,011	855
1919 monthly average.....	2,054	440	894	1,141	3,737	75	1,191	2,536	2,265	578	1,210	1,054
1920 monthly average.....	1,866	336	818	1,031	3,549	61	1,273	2,272	1,876	430	1,043	915
1921 monthly average.....	1,649	292	717	923	3,425	42	1,228	2,194	2,014	278	944	1,072
1922 monthly average.....	1,935	406	887	1,036	3,072	49	1,277	2,295	1,864	346	973	859
1923 monthly average.....	1,935	380	838	1,086	4,611	68	1,595	3,015	1,838	373	977	858
1921												
May.....	1,542	214	597	924	3,324	39	1,015	2,270	1,916	123	920	1,015
June.....	1,550	209	593	1,005	3,579	33	1,143	2,471	1,850	80	768	1,063
July.....	1,343	122	492	814	2,727	17	919	1,808	1,776	159	772	1,066
August.....	1,867	355	846	997	2,656	23	931	1,722	2,500	494	1,123	1,367
September.....	1,006	395	911	986	2,655	41	951	1,697	2,618	555	1,428	1,200
October.....	2,311	622	1,191	1,082	3,211	45	1,219	1,992	3,042	791	1,608	1,741
November.....	1,928	497	997	935	3,687	33	1,297	2,370	2,958	511	1,664	988
December.....	1,417	245	682	742	3,931	35	1,775	2,147	1,961	562	881	804
1922												
January.....	1,628	233	673	927	4,278	27	1,787	2,484	1,835	183	888	925
February.....	1,416	213	586	822	3,613	62	1,327	2,256	1,460	169	699	761
March.....	1,622	262	632	994	3,411	74	1,181	2,246	1,465	141	677	783
April.....	1,470	235	682	898	3,067	56	1,067	2,000	1,227	97	564	678
May.....	1,878	359	780	1,086	3,737	70	1,149	2,572	1,692	145	832	872
June.....	1,759	259	701	1,060	3,776	57	1,114	2,678	1,709	191	777	924
July.....	1,709	223	669	1,062	2,980	31	1,025	1,910	1,677	204	717	959
August.....	2,149	469	1,035	1,106	3,637	81	1,065	1,976	1,951	250	904	1,021
September.....	2,397	630	1,265	1,107	3,062	34	1,153	1,917	2,263	634	1,297	1,005
October.....	2,936	894	1,570	1,299	3,682	49	1,305	2,362	3,311	1,138	2,192	1,067
November.....	2,427	710	1,345	1,138	4,421	58	1,501	2,918	2,283	757	1,565	881
December.....	1,825	357	847	997	5,004	46	1,657	3,360	1,516	256	768	820
1923												
January.....	1,876	281	756	1,086	5,306	68	1,887	3,395	1,636	171	729	897
February.....	1,427	210	560	871	4,492	64	1,670	2,620	1,366	169	646	708
March.....	1,502	198	554	956	4,926	69	1,703	3,231	1,430	114	646	865
April.....	1,670	233	673	1,080	4,318	76	1,393	2,921	1,447	82	584	855
May.....	1,000	300	710	1,173	4,524	67	1,443	3,072	1,794	216	969	888
June.....	1,636	236	643	996	4,209	63	1,409	2,815	1,452	117	639	817
July.....	1,900	223	744	1,104	4,177	34	1,491	2,672	1,661	188	719	956
August.....	2,214	480	1,056	1,168	3,714	62	1,448	2,263	1,600	241	868	963
September.....	2,295	631	1,156	1,101	3,607	102	1,336	2,276	2,659	697	1,719	894
October.....	2,802	785	1,382	1,373	4,816	101	1,699	3,129	3,465	1,489	2,443	981
November.....	2,182	624	1,131	1,106	5,416	70	1,779	3,637	1,816	540	1,684	777
December.....	1,810	353	788	1,018	5,825	46	3,911	1,919	1,523	154	688	867
1924												
January.....	1,884	243	712	1,155	6,253	50	2,198	4,016	1,697	119	773	920
February.....	1,457	170	640	915	5,335	47	2,156	3,227	1,412	106	693	725
March.....	1,556	175	649	991	4,883	52	1,854	2,976	1,367	53	654	719
April.....	1,751	238	627	1,108	4,374	57	1,559	2,899	1,248	105	613	726
May.....	1,800	275	746	1,141	4,321	46	1,698	2,735	1,344	118	629	723
June.....	1,673	201	681	1,050	4,256	29	1,417	2,832	1,520	153	650	913
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹ These figures represent the movement at between 60 and 70 markets; data procured from the U. S. Department of Agriculture, Bureau of Agricultural Economics.

Table 93.—PORK PRODUCTS

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	PRODUCTION — INSPECTED SLAUGHTER		EXPORTS ¹			COLD STORAGE HOLDINGS ²			APPARENT CONSUMPTION ³	WHOLESALE PRICES ⁴	
	Total pork products	Lard	Total	Lard	Other products	Total	Lard	Fresh and cured	Total pork products	Smoked hams, Chicago	Lard, prime contract, New York
	Relative to 1913	Relative to 1919	Relative to 1913	Relative to 1919					Relative to 1913		
1913 monthly average...	100		100							100	100
1914 monthly average...	94		94							101	94
1915 monthly average...	110		138							92	85
1916 monthly average...	119		147	56	55	70	93	67		111	122
1917 monthly average...	94		132	49	49	73	80	72		152	197
1918 monthly average...	122		229	72	91	95	99	95		192	232
1919 monthly average...	123	100	268	100	100	100	100	100	100	207	264
1920 monthly average...	113	119	156	80	49	98	131	95	106	201	181
1921 monthly average...	117	135	169	114	42	83	130	77	115	161	101
1922 monthly average...	130	148	151	101	38	70	94	68	124	160	105
1923 monthly average...	160	181	202	136	51	91	84	92	152	128	112
1922											
January.....	145	154	156	115	35	59	66	59	124	133	91
February.....	124	147	168	119	40	66	66	66	101	161	107
March.....	119	146	152	102	38	74	93	71	97	184	105
April.....	106	132	110	67	30	75	104	72	104	186	102
May.....	135	149	121	80	31	82	134	77	123	188	106
June.....	150	173	146	90	40	94	167	85	128	188	110
July.....	119	139	163	104	43	90	155	82	121	181	106
August.....	110	129	156	109	38	80	130	75	125	159	103
September.....	102	121	146	96	38	61	82	58	142	141	103
October.....	115	129	153	105	38	47	40	48	143	140	106
November.....	147	151	152	98	40	49	35	51	143	128	110
December.....	184	194	190	124	50	67	53	69	144	124	104
1923											
January.....	190	208	239	170	56	81	61	83	157	122	107
February.....	157	180	200	140	48	92	64	95	126	122	107
March.....	179	197	226	172	49	101	72	104	150	124	114
April.....	154	204	200	135	50	111	93	113	123	128	109
May.....	154	177	201	147	46	108	92	110	155	127	105
June.....	157	196	161	102	43	112	134	110	149	127	106
July.....	147	186	173	110	46	110	156	105	151	130	102
August.....	134	161	199	132	51	95	126	91	160	134	105
September.....	116	129	208	132	56	74	79	74	146	131	116
October.....	149	150	193	120	52	59	39	61	150	132	121
November.....	183	174	194	117	55	67	38	70	166	126	128
December.....	205	218	230	155	58	82	54	85	166	123	120
1924											
January.....	205	259	274	209	59	93	61	96	169	116	116
February.....	177	214	232	158	58	103	74	106	145	111	106
March.....	160	202	214	159	48	110	93	112	134	114	105
April.....	145	193	168	116	41	109	111	109	145	114	102
May.....	151	190	140	99	33	111	139	108	153	117	100
June.....	154	190	133	71	32	111	166	105	162	118	101
July.....						104	163	98		123	114
August.....											
September.....											
October.....											
November.....											
December.....											

See footnotes on opposite page also.

¹ Production of pork products from animals slaughtered under Federal inspection reported by the U. S. Department of Agriculture, Bureau of Animal Industry, given as total dressed weight, excluding meat from condemned animals. Slaughter of hogs under Federal inspection according to 1919 census figures amounted to 68 per cent of total slaughter.

² Exports reported by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. The total includes bacon, ham, shoulders, lard, neutral lard, and canned, fresh, and pickled pork. In the division between lard and other products, pp. 150-153, 156, 176, 177, neutral lard is included with "Other products."

Table 94.—PORK PRODUCTS

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	PRODUCTION ¹ — INSPECTED SLAUGHTER		EXPORTS ²			COLD-STORAGE HOLDINGS ³			APPAR- ENT CON- SUMPTION ⁴	WHOLESALE PRICES ⁵	
	Total pork products	Lard	Total	Lard	Other products	Total	Lard	Fresh and cured	Total pork products	Smoked ham, Chicago	Lard prime contract, New York
	Thousand of pounds									Dollars per pound	
1913 monthly average	477, 177		82, 059							\$2.166	\$2.110
1914 monthly average	450, 851		76, 826							.167	.104
1915 monthly average	524, 294		113, 205							.153	.094
1916 monthly average	565, 691		120, 932	35, 555	85, 377	644, 543	85, 741	558, 802		.185	.135
1917 monthly average	449, 570		108, 209	31, 060	77, 149	660, 283	74, 117	586, 166		.222	.219
1918 monthly average	583, 154		187, 554	45, 735	141, 819	875, 323	90, 059	785, 264		.318	.244
1919 monthly average	588, 978	87, 956	219, 803	63, 409	156, 394	929, 959	92, 212	837, 747	384, 407	.343	.290
1920 monthly average	539, 455	104, 622	128, 004	51, 021	76, 983	906, 345	120, 413	785, 932	497, 684	.334	.260
1921 monthly average	560, 212	119, 216	138, 308	72, 412	65, 896	761, 914	119, 705	642, 209	449, 639	.268	.111
1922 monthly average	618, 276	130, 652	123, 924	63, 913	60, 011	647, 594	86, 573	561, 021	478, 492	.255	.115
1923 monthly average	765, 178	159, 686	165, 620	86, 282	79, 338	837, 350	77, 397	760, 953	584, 710	.212	.113
1922											
January	670, 473	145, 409	127, 623	73, 194	54, 429	516, 100	61, 202	454, 898	476, 636	.221	.100
February	591, 777	129, 177	138, 055	75, 520	62, 535	608, 747	61, 237	547, 510	388, 245	.267	.118
March	567, 492	128, 886	124, 411	64, 377	60, 034	677, 253	86, 031	591, 223	371, 677	.306	.116
April	506, 925	116, 074	90, 132	42, 469	47, 673	600, 296	96, 055	504, 241	400, 393	.309	.112
May	641, 797	130, 766	99, 440	50, 817	48, 623	759, 454	123, 798	635, 655	471, 133	.313	.119
June	717, 563	152, 193	119, 855	67, 249	62, 606	861, 635	154, 254	707, 380	490, 839	.313	.121
July	566, 106	122, 698	133, 426	66, 058	67, 368	826, 535	143, 084	683, 451	465, 112	.301	.117
August	523, 445	113, 615	127, 667	68, 907	58, 760	739, 425	119, 755	619, 671	480, 026	.294	.113
September	486, 204	106, 646	120, 124	61, 120	59, 004	558, 434	75, 338	483, 096	515, 627	.235	.113
October	550, 023	113, 465	125, 716	66, 332	59, 384	431, 921	36, 720	395, 171	518, 577	.232	.117
November	699, 216	138, 050	124, 574	62, 321	62, 253	622, 094	32, 506	419, 498	559, 615	.213	.121
December	878, 291	170, 806	156, 067	78, 596	77, 471	619, 319	48, 808	670, 510	551, 846	.206	.114
1923											
January	904, 205	181, 267	196, 139	107, 786	88, 353	745, 190	66, 266	688, 924	578, 870	.272	.118
February	749, 437	158, 557	163, 745	89, 055	74, 690	842, 781	59, 101	783, 680	485, 257	.293	.115
March	852, 965	173, 551	185, 197	109, 187	76, 010	931, 417	66, 743	864, 674	575, 909	.299	.156
April	734, 590	179, 292	164, 288	85, 475	78, 813	1, 025, 322	85, 521	939, 801	474, 077	.212	.120
May	736, 223	155, 449	165, 272	93, 199	72, 073	993, 301	84, 540	908, 771	597, 664	.211	.116
June	748, 584	172, 279	131, 703	64, 605	67, 103	1, 032, 401	123, 896	908, 505	574, 660	.211	.117
July	702, 630	163, 300	141, 665	69, 478	72, 187	1, 009, 738	143, 579	866, 159	389, 811	.217	.113
August	641, 311	142, 084	162, 965	83, 758	79, 207	870, 122	115, 860	754, 262	615, 149	.223	.116
September	552, 109	113, 261	170, 657	83, 630	67, 027	685, 751	72, 608	613, 143	562, 020	.223	.128
October	711, 355	132, 233	158, 196	76, 378	81, 818	542, 544	35, 525	507, 019	683, 845	.219	.133
November	873, 007	153, 212	158, 908	74, 251	85, 637	612, 513	35, 317	577, 196	639, 679	.309	.141
December	975, 718	191, 748	188, 697	98, 578	90, 110	756, 818	49, 340	707, 478	636, 613	.295	.132
1924											
January	976, 966	227, 659	224, 660	132, 758	91, 902	855, 020	56, 181	798, 839	650, 363	.193	.128
February	843, 874	168, 308	190, 691	99, 910	90, 781	946, 788	68, 557	878, 231	558, 764	.184	.117
March	765, 700	177, 602	175, 420	100, 726	74, 694	1, 015, 683	85, 712	929, 971	513, 641	.189	.116
April	690, 514	170, 036	137, 577	73, 307	64, 270	1, 007, 215	101, 945	905, 270	556, 581	.190	.113
May	720, 999	167, 289	114, 759	62, 648	62, 111	1, 020, 511	128, 226	892, 285	589, 565	.194	.110
June	737, 102	166, 836	109, 369	59, 475	49, 594	1, 022, 670	152, 685	869, 985	622, 880	.196	.111
July						900, 501	150, 243	810, 258		.204	.126
August											
September											
October											
November											
December											

See footnotes on opposite page also.

¹ Cold storage holdings, reported by the U. S. Department of Agriculture, Bureau of Agricultural Economics, are distinctly seasonal. No allowance for this has been made in computing index numbers. Figures represent holdings on the last day of the month.² Apparent consumption, including only meat produced under Federal inspection, has been computed from the inspected slaughter plus net imports less exports (including exports to Hawaii, Porto Rico, and Alaska) and the change in cold storage holdings.³ Wholesale prices are averages of weekly quotations as compiled by the U. S. Department of Labor, Bureau of Labor Statistics.

Table 95.—OTHER MEATS

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	BEEF						LAMB			TOTAL MEATS		
	Production—inspected slaughter ¹	Exports ²	Cold-storage holdings ⁴	Apparent consumption ³	Wholesale prices ⁵		Production—inspected slaughter ¹	Cold-storage holdings ⁴	Apparent consumption ³	Production—inspected slaughter ¹	Cold-storage holdings ⁴	Apparent consumption ³
					Good native steers, Chicago	Steer rounds, No. 2, Chicago						
	Relative to 1913		Relative to 1919		Relative to 1913		Relative to 1913	Relative to 1919		Relative to 1913	Relative to 1919	
1913 monthly average.....	100	100			100	100	100			100		
1914 monthly average.....	95	89			105	102	98			95		
1915 monthly average.....	101	313			100	95	84			105		
1916 monthly average.....	116	236	50		107	99	82	45		116	66	
1917 monthly average.....	139	239	81		167	124	64	55		110	74	
1918 monthly average.....	158	473	108		171	169	70	73		133	98	
1919 monthly average.....	136	235	100	100	180	171	84	100	100	126	100	100
1920 monthly average.....	119	143	66	92	178	163	75	243	96	113	93	99
1921 monthly average.....	113	112	42	86	126	111	90	266	107	114	76	100
1922 monthly average.....	126	106	29	95	116	111	76	40	91	125	62	108
1923 monthly average.....	130	100	32	90	122	117	81	45	96	144	79	123
1922												
January.....	115	67	33	89	119	90	82	47	103	130	54	106
February.....	101	91	31	77	112	97	67	35	83	112	59	88
March.....	123	131	29	93	112	101	74	35	88	118	64	94
April.....	109	101	27	84	112	110	64	25	80	105	65	93
May.....	129	141	24	98	112	116	73	28	87	129	70	169
June.....	129	146	21	96	112	123	80	45	93	139	79	112
July.....	123	112	20	94	114	130	74	40	88	118	75	106
August.....	132	101	20	100	120	125	82	41	97	117	68	111
September.....	135	102	23	104	120	114	83	42	99	114	63	121
October.....	145	97	29	108	120	107	83	42	99	125	43	123
November.....	138	107	40	98	120	107	77	44	90	139	47	118
December.....	127	79	49	92	120	106	77	55	90	156	63	116
1923												
January.....	129	92	48	98	119	103	93	72	108	161	74	123
February.....	110	84	42	87	114	105	76	69	90	135	81	105
March.....	121	111	38	93	112	111	86	80	101	161	88	119
April.....	123	89	33	96	112	111	83	70	98	138	95	109
May.....	133	100	27	104	112	112	82	54	99	142	91	127
June.....	126	110	24	97	117	125	74	43	87	141	94	120
July.....	123	104	19	96	122	141	77	33	91	134	91	121
August.....	138	133	19	104	122	141	77	22	92	133	79	126
September.....	134	110	20	101	135	132	81	21	96	121	63	121
October.....	156	104	27	116	135	118	87	24	101	148	52	144
November.....	139	89	39	99	135	104	78	24	91	160	61	129
December.....	123	70	45	91	132	103	84	30	96	167	74	126
1924												
January.....	137	73	43	106	131	106	93	28	109	173	82	135
February.....	114	86	41	88	131	111	79	26	93	147	90	114
March.....	115	95	39	88	131	115	76	21	90	138	95	109
April.....	121	101	33	95	131	118	74	25	87	132	93	117
May.....	135	102	28	106	131	120	81	27	94	141	93	127
June.....	116	87	25	80	129	133	77	35	88	135	93	122
August.....			21		127	130					87	
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Production from animals slaughtered under Federal inspection reported by the U. S. Department of Agriculture, Bureau of Animal Industry, given as total dressed weight, excluding meat from condemned animals. The slaughter under Federal inspection, according to census figures for 1919, amounted to 68 per cent of the total number of animals slaughtered in the United States in the case of hogs, 82 per cent in the case of beef, and 91 per cent for lamb.

² Apparent consumption has been computed from the inspected slaughter plus net imports less exports (including exports to Hawaii, Porto Rico, and Alaska), and the change in storage holdings and includes meat produced under Federal inspection only.

³ Wholesale prices are averages for the month from U. S. Department of Labor, Bureau of Labor Statistics.

Table 96.—OTHER MEATS

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	BEEF						LAMB			TOTAL MEATS		
	Production— Inspected slaughter ¹	Exports ²	Cold- storage holdings ³	Apparent consump- tion ²	Wholesale prices ¹		Production— Inspected slaughter ¹	Cold- storage hold- ings ⁴	Apparent con- sump- tion ²	Production— Inspected slaughter ¹	Cold- storage holdings ⁴	Apparent consump- tion ²
					Good native steers, Chicago	Steer rounds, No. 2, Chicago						
	Thousands of pounds				Dollars per pound		Thousands of pounds					
1913 monthly av.....	329,810	13,825			\$0.130	\$0.131	45,661			852,588		
1914 monthly av.....	314,784	12,163			.136	.133	44,623			810,258		
1915 monthly av.....	331,971	42,609			.129	.124	38,445			894,710		
1916 monthly av.....	383,268	32,105	127,200		.138	.130	37,564	3,722		986,523	775,465	
1917 monthly av.....	457,910	32,502	192,343		.167	.162	29,120	4,531		936,601	866,157	
1918 monthly av.....	522,309	64,444	256,623		.221	.221	31,831	6,026		1,137,294	1,137,872	
1919 monthly av.....	448,955	32,053	237,123	421,636	.233	.224	38,539	8,791	39,125	1,075,591	1,166,373	845,169
1920 monthly av.....	391,387	19,545	156,117	388,330	.230	.213	34,399	20,174	37,663	965,241	1,082,636	823,686
1921 monthly av.....	371,108	15,249	99,623	362,655	.163	.145	41,096	22,050	41,776	972,417	883,627	845,680
1922 monthly av.....	414,045	14,456	68,521	399,314	.150	.145	34,820	3,294	35,789	1,067,141	719,409	913,505
1923 monthly av.....	427,407	13,594	75,709	415,543	.158	.163	37,188	3,744	37,668	1,229,773	916,893	1,037,821
1922												
January.....	379,057	9,109	78,295	370,634	.154	.118	37,477	3,914	40,347	1,107,007	628,309	853,817
February.....	333,643	12,404	73,782	325,917	.145	.128	30,717	2,863	32,629	956,037	685,392	746,791
March.....	404,903	17,808	69,516	391,920	.145	.132	33,622	2,876	34,434	1,066,917	749,647	798,031
April.....	360,267	13,735	64,507	352,670	.145	.144	29,274	2,071	31,161	896,466	756,874	784,223
May.....	424,383	19,145	56,852	414,798	.145	.151	33,200	2,310	34,117	1,099,380	818,616	920,648
June.....	427,010	19,894	50,706	415,500	.145	.161	36,405	3,720	36,477	1,180,978	916,064	942,825
July.....	404,733	15,281	47,031	396,325	.148	.170	34,010	3,308	34,689	1,064,849	870,874	896,629
August.....	435,178	13,751	48,291	421,825	.155	.164	37,392	3,376	37,942	996,015	791,692	939,793
September.....	445,991	13,832	53,572	436,682	.155	.149	37,866	3,473	38,688	970,061	615,479	1,021,196
October.....	479,302	13,165	67,814	455,961	.155	.140	37,729	3,458	38,818	1,067,045	803,193	1,013,356
November.....	454,088	14,368	95,628	413,618	.155	.140	35,103	3,633	35,046	1,188,497	551,265	999,279
December.....	420,080	10,780	116,255	389,707	.155	.139	35,057	4,523	35,117	1,333,428	740,697	976,671
1923												
January.....	425,654	12,537	114,113	415,268	.154	.135	42,526	5,960	42,413	1,372,395	665,283	1,036,521
February.....	363,867	11,415	100,591	366,345	.148	.138	34,786	5,758	35,124	1,148,090	949,130	886,726
March.....	397,799	15,144	90,502	392,832	.145	.145	39,354	6,635	39,611	1,290,118	1,028,554	1,008,362
April.....	404,975	12,149	78,535	405,764	.145	.145	37,685	5,774	38,497	1,177,250	1,109,631	918,328
May.....	439,161	13,647	65,023	439,532	.145	.146	37,446	4,445	38,642	1,212,630	1,062,769	1,075,885
June.....	415,703	14,941	57,220	408,162	.151	.163	33,649	3,556	34,213	1,197,936	1,093,177	1,017,635
July.....	405,013	14,229	45,893	403,123	.158	.185	35,138	2,752	35,592	1,142,751	1,058,383	1,019,526
August.....	454,813	18,179	46,041	437,545	.158	.184	35,145	1,785	36,154	1,131,269	917,948	1,088,845
September.....	440,961	14,997	48,187	426,500	.175	.173	37,059	1,719	37,619	1,030,129	735,657	1,026,139
October.....	514,411	14,205	63,578	487,199	.175	.155	37,733	1,997	39,651	1,265,529	608,119	1,239,665
November.....	459,698	12,086	93,166	418,887	.175	.136	35,495	2,014	35,692	1,268,200	707,993	1,094,158
December.....	406,801	9,495	105,655	385,366	.171	.135	38,243	2,508	37,769	1,420,762	864,981	1,061,688
1924												
January.....	451,782	9,599	102,655	445,453	.170	.139	42,502	2,306	42,622	1,471,280	959,961	1,138,438
February.....	377,326	11,669	97,874	371,197	.170	.145	36,158	2,175	36,271	1,257,368	1,016,837	966,232
March.....	378,549	12,920	93,225	371,740	.170	.150	34,642	1,771	35,139	1,178,891	1,110,679	922,520
April.....	398,288	13,827	78,177	400,792	.170	.155	33,648	2,685	34,214	1,122,650	1,057,477	991,587
May.....	445,590	13,911	66,063	445,895	.170	.169	37,187	2,272	36,821	1,293,776	1,089,146	1,072,281
June.....	382,657	11,909	59,343	376,512	.163	.175	35,097	2,919	34,504	1,154,856	1,054,932	1,033,896
July.....			49,615		.165	.170		2,254			1,012,370	
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Cold-storage holdings, reported by the U. S. Department of Agriculture, Bureau of Agricultural Economics, are distinctly seasonal. No allowance for this has been made in calculating index numbers. Figures represent storage holdings on the last day of each month. Beef holdings include frozen, cured, and in process of cure while lamb holdings embrace frozen lamb and mutton.

² Exports, as reported by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, include fresh, canned, pickled, and cured beef, and oleo oil and tallow.

Table 97.—MILK

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	FLUID MILK				CONDENSED AND EVAPO-RATED MILK (case goods)				ICE CREAM	MILK DELIVERIES TO MILK PLANTS ⁷						
	Receipts			Production, ³ Minne-apolis, St. Paul ⁴	Production ⁴	Ex-ports ⁵	Stocks ⁶ (end of month)	Unfilled orders ⁶ (in excess of unsold stocks)	Production ⁶	Total	Fluid milk	For manufacture of—				
	Greater New York ¹	Boston (including cream) ²	Phila-delphia ³									Soft cheese, ice cream, condensed milk, etc.	Milk choco-late, whole milk powder, etc.	Butter	Cheese (Ameri-can)	
	Relative to 1913	Relative to 1919	Relative to 1913	Relative to 1919			Relative to 1920	Relative to 1921	Relative to 1919	Relative to 1922						
1913 mo. av.	100		100			2										
1914 mo. av.	101		100			3										
1915 mo. av.	106		103			9										
1916 mo. av.	108		110			26										
1917 mo. av.	110	90	108			50										
1918 mo. av.	118	93	111	80	77	65			94							
1919 mo. av.	125	100	124	100	100	100			100							
1920 mo. av.	136	106	131	109	76	48	100	363	111							
1921 mo. av.	143	108	139	170	71	34	75	100	110							
1922 mo. av.	149	114	148	185	60	22	63	172	118	100	100	100	100	100	100	100
1923 mo. av.	165	118	151	125	103	23	76	94	138	78	85	87	106	58		53
1922																
January	137	113	129	192	59	26	81	6	45	96	133	70	61	120		50
February	128	104	130	182	54	28	72	70	53	90	116	75	65	112		46
March	148	103	145	207	66	35	64	36	70	117	130	100	85	179		90
April	144	110	143	192	75	34	67	12	97	110	85	125	114	128		154
May	166	125	163	236	99	22	80	41	168	140	97	169	173	132		179
June	165	129	167	224	100	22	86	38	216	135	97	150	157	135		208
July	161	125	165	189	94	12	74	146	232	117	99	130	131	91		163
August	154	118	158	155	83	16	72	183	213	99	85	105	118	81		123
September	149	112	147	146	72	15	57	319	158	89	90	91	83	85		96
October	153	118	149	160	65	23	40	432	87	86	97	76	89	77		64
November	143	108	140	160	50	17	32	510	61	61	85	51	59	27		23
December	144	109	138	189	53	14	31	268	48	62	83	58	64	34		6
1923																
January	145	110	143	225	79	14	37	101	55	66	79	54	94	39		8
February	134	100	129	216	75	18	39	126	51	71	86	60	89	50		17
March	153	115	146	254	91	28	46	126	77	91	94	77	130	78		34
April	154	113	148	254	118	26	58	58	112	93	89	76	144	64		49
May	170	131	156	287	140	23	78	142	177	92	83	84	154	63		33
June	184	137	171	293	159	16	83	134	262	99	93	85	157	77		63
July	238	127	154	261	133	15	89	117	281	103	95	88	164	88		58
August	166	120	156	248	106	16	105	41	234	78	81	70	114	47		42
September	161	114	151	225	94	20	103	33	159	64	80	57	66	43		34
October	161	121	159	234	93	25	97	34	115	67	82	52	77	60		23
November	153	113	146	246	73	31	88	189	68	50	74	43	35	27		30
December	156	113	143	287	71	42	88	23	64	60	87	62	42	30		15
1924																
January	158	112		303		47	71	36	52	62	85	60	48	48		16
February	150	107		304	84	30	64	38	70	60	85	62	43	32		14
March	165	121		332	116	18	58	29	82	75	87	72	73	86		18
April	160	121		324		22	66	32		83	88	68	89	123		26
May	172	132		357		20	92	25		88	95	68	104	111		43
June	176	133				16	132	13		104	94	96	124	143		63
July																
August																

See footnotes on opposite page also.

¹ Exports of condensed milk from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.
² From U. S. Department of Agriculture, Bureau of Agricultural Economics, representing practically complete data for the industry; stock figures, given at the end of each month, include bulk goods also. Unfilled orders in excess of unsold stocks also given as of the end of each month. Production figures of condensed milk and of ice cream are compiled for each month but are collected at quarterly intervals only.
³ Milk delivered to milk plants from the Dairymen's League Cooperative Association, estimated to represent from 60 to 75 per cent of the milk handled in the association's territory, covering all New York State and parts of Pennsylvania, New Jersey, Connecticut, Massachusetts, and Vermont.

Table 98.—MILK

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	FLUID MILK				CONDENSED AND EVAPORATED MILK (case goods)				ICE CREAM	MILK DELIVERIES TO MILK PLANTS ¹								
	Receipts				Production ²	Exports ³	Stocks ⁴ (end of month)	Unfilled orders (in excess of unsold stocks) ⁵	Production ⁶	Total	Fluid milk	For manufacture of —						
	Greater New York ¹	Boston (including cream) ²	Philadelphia ³	Production, Minneapolis, St. Paul ⁴								Soft cheese, ice cream, condensed milk, etc.	Milk chocolate, whole milk powder, etc.	Butter	Cheese (American)			
	Thous. of cans, 40 qts. each	Thousands of quarts	Thousands of pounds				Thous. of gallons	Thousands of pounds										
1913 mo. av.	1,496	-----	14,452	-----	-----	1,377	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1914 mo. av.	1,513	-----	14,478	-----	-----	1,904	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1915 mo. av.	1,590	-----	14,869	-----	-----	6,307	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1916 mo. av.	1,613	-----	15,049	-----	-----	18,307	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1917 mo. av.	1,652	11,727	15,571	-----	-----	35,705	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1918 mo. av.	1,763	12,193	16,113	5,715	110,639	45,928	-----	10,470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1919 mo. av.	1,873	13,059	17,934	7,145	113,956	71,072	-----	11,098	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1920 mo. av.	2,036	13,865	18,914	7,786	109,427	34,232	217,348	15,533	12,358	-----	-----	-----	-----	-----	-----	-----	-----	-----
1921 mo. av.	2,144	14,116	20,107	12,141	102,751	24,140	162,334	4,274	12,193	-----	-----	-----	-----	-----	-----	-----	-----	-----
1922 mo. av.	2,232	14,878	21,361	13,221	98,675	15,625	136,893	7,340	13,106	302,837	113,136	74,127	58,787	34,242	22,426	-----	-----	-----
1923 mo. av.	2,461	15,391	21,751	18,036	147,907	16,189	165,805	4,069	15,281	235,717	96,474	49,954	42,670	19,728	7,496	-----	-----	-----
1922																		
January.....	2,050	14,743	18,701	12,698	84,602	18,352	176,332	210	4,946	260,644	156,617	51,659	35,703	41,680	11,287	-----	-----	-----
February.....	1,908	13,523	18,508	13,031	79,599	19,951	155,650	2,562	5,889	273,865	141,235	50,871	38,041	38,350	10,568	-----	-----	-----
March.....	2,209	13,438	20,893	14,812	95,372	25,666	139,418	1,519	7,784	353,014	167,449	74,663	49,942	61,369	20,221	-----	-----	-----
April.....	2,156	14,428	20,617	13,687	108,556	24,234	145,667	516	10,814	333,838	95,963	92,583	66,566	49,719	34,683	-----	-----	-----
May.....	2,479	16,287	23,516	16,114	142,227	15,711	173,827	1,737	19,654	422,697	110,260	125,364	101,505	45,134	40,434	-----	-----	-----
June.....	2,475	16,839	24,189	16,019	144,106	15,706	187,367	1,608	23,964	407,426	110,301	111,458	92,566	46,323	46,778	-----	-----	-----
July.....	2,412	16,377	23,905	13,509	135,519	8,823	161,846	6,259	25,701	373,526	112,272	116,184	77,183	31,211	56,676	-----	-----	-----
August.....	2,302	15,402	22,784	11,012	119,046	11,247	156,805	7,819	24,690	299,451	96,623	77,991	69,397	27,746	27,690	-----	-----	-----
September.....	2,233	14,589	21,244	10,396	101,308	10,549	122,832	13,635	17,152	268,580	102,657	67,101	49,044	29,645	21,642	-----	-----	-----
October.....	2,285	14,522	21,510	11,430	93,462	16,666	86,788	18,472	9,626	239,520	110,223	56,174	52,467	26,288	14,568	-----	-----	-----
November.....	2,123	14,097	20,173	11,439	71,924	12,604	69,041	21,799	6,783	183,758	96,378	37,588	34,912	9,168	5,101	-----	-----	-----
December.....	2,154	14,243	19,990	13,510	76,029	9,850	67,145	11,453	5,358	187,381	94,235	42,823	37,693	11,506	1,124	-----	-----	-----
1923																		
January.....	2,170	14,357	20,624	16,077	113,461	10,239	79,772	4,338	6,052	199,759	88,538	40,341	55,355	13,508	1,856	-----	-----	-----
February.....	2,002	13,081	18,687	15,421	108,490	12,719	83,814	5,386	5,625	215,522	97,551	44,845	32,407	17,187	3,792	-----	-----	-----
March.....	2,295	15,080	21,112	18,118	131,254	20,694	99,134	5,405	8,570	275,167	105,893	57,356	76,592	26,735	7,591	-----	-----	-----
April.....	2,297	14,714	21,327	18,154	170,678	18,176	126,525	2,493	12,433	291,218	100,660	56,107	84,426	28,912	11,314	-----	-----	-----
May.....	2,550	17,051	22,535	20,526	201,726	16,143	169,100	6,059	19,667	277,197	94,167	61,907	90,308	23,411	7,944	-----	-----	-----
June.....	2,717	17,906	24,650	20,963	228,545	11,189	199,343	5,721	29,634	309,592	105,541	63,288	62,369	26,554	13,641	-----	-----	-----
July.....	3,562	16,603	22,235	18,630	191,905	10,569	194,850	4,987	31,137	311,719	107,153	61,925	96,524	50,672	13,664	-----	-----	-----
August.....	2,479	15,653	22,543	17,742	152,781	11,261	227,826	1,734	25,957	236,569	92,156	51,533	67,592	16,666	9,521	-----	-----	-----
September.....	2,411	14,928	21,868	16,067	135,158	14,444	224,940	1,424	17,470	194,566	50,870	42,601	55,662	14,770	7,642	-----	-----	-----
October.....	2,403	15,738	22,963	16,684	137,186	17,539	211,334	1,445	12,725	263,513	92,503	38,826	45,416	20,559	6,579	-----	-----	-----
November.....	2,282	14,783	21,634	17,559	105,664	22,181	190,767	8,680	7,495	150,511	84,654	52,018	29,674	9,250	4,505	-----	-----	-----
December.....	2,335	14,705	21,433	20,491	102,334	29,770	191,313	694	7,687	182,576	97,966	45,670	24,841	10,166	4,601	-----	-----	-----
1924																		
January.....	2,362	14,631	-----	21,636	109,601	33,623	155,349	1,526	5,750	188,645	65,890	44,516	28,158	16,543	3,537	-----	-----	-----
February.....	2,237	14,031	-----	21,710	121,573	21,028	148,362	1,618	7,754	181,578	95,871	46,279	25,374	10,820	3,251	-----	-----	-----
March.....	2,470	15,718	-----	23,735	166,625	12,512	126,042	1,227	9,152	228,268	98,533	54,054	43,149	20,502	4,611	-----	-----	-----
April.....	2,396	15,862	-----	23,185	-----	15,305	142,633	1,365	-----	230,078	99,327	50,431	52,349	42,027	5,943	-----	-----	-----
May.....	2,577	17,263	-----	25,503	-----	13,921	199,452	1,071	-----	266,151	107,144	50,647	60,845	37,589	9,626	-----	-----	-----
June.....	2,637	17,317	-----	-----	-----	11,461	286,691	548	-----	313,952	106,769	71,150	72,654	48,880	14,579	-----	-----	-----
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

See footnotes on opposite page also.

¹ Receipts of milk, excluding cream, in the metropolitan area around New York City, including many large cities in New Jersey, from the *Milk Reporter*.

² Receipts of milk by rail, including cream, from the *Massachusetts Department of Public Utilities*.

³ Receipts of milk, including cream and condensed milk, by trolley railroad, and auto truck, from the *Philadelphia Milk Exchange*, except monthly figures for the current year, from the *Philadelphia Inter-State Dairy Council*.

⁴ Production of whole milk by members of the *Twin City Milk Association*, including most of the area within a 40-mile radius of Minneapolis and St. Paul.

Table 99.—BUTTER AND CHEESE ¹

[Base year in bold-faced type]

YEAR AND MONTH	BUTTER				CHEESE				BUTTER				CHEESE			
	Pro-duction	Re-ceipts at 5 mar-kets ²	Cold-storage hold-ings (cream-ery) ⁴	Whole-sale price, 5 mar-kets ⁵	Pro-duction	Re-ceipts at 5 mar-kets ²	Cold-storage hold-ings (Amer-ican) ⁴	Whole-sale price, 5 mar-kets ⁵	Pro-duction	Re-ceipts at 5 mar-kets ²	Cold-storage hold-ings (cream-ery) ⁴	Whole-sale price, 5 mar-kets ⁵	Pro-duction	Re-ceipts at 5 mar-kets ²	Cold-storage hold-ings (Amer-ican) ⁴	Whole-sale price, 5 mar-kets ⁵
	Relative to 1919		Relative to 1916-20	Relative to 1919			Relative to 1916-20	Relative to 1919	Thousands of pounds		Dollars per pound	Thousands of pounds		Dollars per pound		
	RELATIVE NUMBERS								NUMERICAL DATA							
1916-1920 mo. av			100				100				56,576					87,471
1916 mo. av			91				70				51,558					26,125
1917 mo. av			96				127				51,572					47,590
1918 mo. av	94		88			87	92		68,181		49,737		22,338			34,638
1919 mo. av	100	100	119	100	100	100	111	100	72,314	45,871	67,229	80,593	25,771	16,281		41,442
1920 mo. av	99	86	106	99	86	85	100	90	71,965	39,269	59,754	.586	22,126	13,814	37,559	.290
1921 mo. av	121	103	93	72	86	91	80	70	87,712	47,418	52,623	.429	22,076	14,805	30,066	.216
1922 mo. av	129	118	90	63	85	104	82	68	93,095	54,207	50,959	.403	21,871	16,958	30,675	.211
1923 mo. av	145	120	83	78	101	113	106	78	104,268	54,561	47,068	.464	26,024	18,346	39,597	.241
1922																
January	102	91	62	62	51	66	57	67	73,502	41,637	35,047	.365	13,080	10,681	21,430	.209
February	93	85	40	63	55	70	40	67	67,403	36,594	22,582	.375	14,162	11,319	15,066	.203
March	110	93	16	63	74	90	29	64	70,532	44,019	9,113	.371	19,067	14,586	10,745	.199
April	120	93	7	61	86	97	29	59	86,623	42,604	3,830	.363	22,056	15,757	10,868	.183
May	183	150	23	61	123	116	41	56	132,351	68,893	13,202	.360	31,773	18,809	15,481	.175
June	207	203	119	64	143	140	88	61	150,034	93,139	67,410	.377	36,833	22,756	33,130	.183
July	187	202	182	62	166	147	124	65	135,231	92,829	103,161	.367	42,719	23,940	46,580	.200
August	199	136	198	61	148	122	143	65	144,160	62,494	112,039	.362	38,121	19,819	53,625	.200
September	128	101	171	69	130	109	132	70	92,359	46,419	96,650	.410	33,413	17,729	49,473	.216
October	113	90	131	79	99	112	109	80	81,547	41,351	73,857	.466	25,613	18,238	40,862	.247
November	93	84	84	83	70	99	100	80	67,253	38,678	47,773	.494	18,113	16,107	37,201	.249
December	96	84	47	60	59	84	90	84	69,284	38,475	26,819	.526	15,233	13,749	33,617	.259
1923																
January	116	105	28	85	60	79	71	83	83,688	48,123	16,122	.506	15,392	12,887	26,563	.254
February	102	89	16	83	61	77	55	80	74,134	40,662	6,910	.492	15,606	12,575	20,693	.249
March	122	110	9	82	80	98	39	78	88,311	50,409	4,824	.485	20,505	15,573	14,465	.241
April	139	106	6	75	94	101	38	70	100,547	48,699	3,248	.445	24,277	16,410	14,077	.216
May	188	142	18	70	129	117	47	72	131,350	65,330	10,112	.417	33,351	18,982	17,507	.223
June	219	197	111	68	163	156	98	77	158,371	90,415	62,708	.403	42,038	25,421	36,834	.233
July	205	165	180	67	150	155	149	75	148,278	75,692	101,774	.397	38,873	25,312	55,839	.234
August	167	128	182	74	125	137	171	79	120,802	58,814	102,731	.441	32,111	22,291	63,660	.244
September	141	112	170	78	112	113	167	83	102,273	51,287	96,117	.464	28,810	18,445	62,455	.256
October	123	100	135	81	100	130	155	83	89,297	45,703	76,418	.479	25,881	21,091	68,048	.256
November	104	90	91	86	72	104	147	80	74,909	41,316	51,508	.511	18,622	16,870	55,105	.249
December	107	91	54	89	68	88	132	74	77,254	41,881	30,232	.530	16,020	14,299	49,660	.230
1924																
January	116	93	27	88	66	88	108	73	83,603	42,615	15,246	.519	16,976	14,399	40,506	.225
February	115	105	17	84	70	100	94	71	82,006	48,260	9,837	.499	18,139	16,243	35,223	.221
March	126	89	14	78	85	79	75	68	91,409	40,741	7,830	.462	21,936	12,810	28,234	.210
April	(⁶)	114	16	65	(⁶)	101	70	50	(⁶)	52,344	8,977	.384	(⁶)	16,440	26,159	.182
May	(⁶)	142	39	65	(⁶)	117	72	59	(⁶)	65,366	22,328	.383	(⁶)	10,010	27,145	.184
June	(⁶)	201	132	68	(⁶)	131	121	63	(⁶)	92,155	74,446	.401	(⁶)	21,639	45,517	.195
July		207	236	67		157	191	63		94,977	133,402	.396		25,544	65,716	.196
August																
September																
October																
November																
December																

¹ Data from U. S. Department of Agriculture, Bureau of Agricultural Economics.
² Boston, New York, Philadelphia, Chicago, and San Francisco. Total of weekly figures with first and last weeks of month prorated.
³ Includes whole milk, part skim, and full skim.
⁴ Holdings now given at the end of the month.
⁵ Production compiled by months but issued quarterly; figures not available at time of going to press.
⁶ Average of weekly prices of creamery butter, 92 score, at Boston, New York, Philadelphia, Chicago, and San Francisco.
⁷ Average of weekly prices of American cheese, No. 1 fresh twins, at Boston, New York, Wisconsin, Chicago, and San Francisco.

Table 100.—POULTRY, EGGS, AND FISH¹

[Base year in bold-faced type]

YEAR AND MONTH	POULTRY		EGGS		FISH		POULTRY		EGGS		FISH		
	Re- ceipts at 5 mar- kets ²	Cold- storage hold- ings ³	Re- ceipts at 5 mar- kets ²	Cold- storage hold- ings (case eggs) ⁴	Total catch, prin- cipal fishing ports	Cold- storage hold- ings ⁴	Re- ceipts at 5 mar- kets ²	Cold- storage hold- ings ³	Re- ceipts at 5 mar- kets ²	Cold- storage hold- ings (case eggs) ⁴	Total catch, prin- cipal fishing ports	Cold- storage hold- ings ⁴	Canned salmon ship- ments ⁵
	Relative to 1919		Relative to 1916-20		Relative to 1919		Thousands of pounds		Thousands of cases ⁶		Thousands of pounds		Cases
	RELATIVE NUMBERS						NUMERICAL DATA						
							1,911						
1916-1920 monthly average.....				100									
1913 monthly average.....					78							13,518	
1914 monthly average.....					78							13,549	
1915 monthly average.....					82							14,330	
1916 monthly average.....				88	98					3,069	16,056		
1917 monthly average.....				101	92					3,661	15,999		
1918 monthly average.....		68		97	107	101		44,032		3,367	18,549	62,501	
1919 monthly average.....	100	100	100	120	100	100	18,804	64,793	1,168	4,156	17,258	61,764	
1920 monthly average.....	97	71	86	94	90	73	19,148	46,146	1,027	3,261	15,675	45,290	
1921 monthly average.....	108	78	103	120	78	72	21,481	60,278	1,229	4,171	15,608	44,325	
1922 monthly average.....	119	84	114	148	94	87	23,554	64,276	1,357	5,137	16,280	35,311	467,090
1923 monthly average.....	144	105	117	154	92	89	28,441	67,785	1,393	5,355	16,023	36,213	471,436
1922													
January.....	115	159	68	5	78	78	22,865	103,370	805	179	13,559	48,320	376,911
February.....	76	137	86	(?)	124	61	15,010	88,709	1,026	13	21,472	37,742	320,840
March.....	67	106	164	27	107	41	13,189	68,471	1,947	950	18,623	25,474	264,470
April.....	67	78	245	134	76	28	11,196	50,840	2,911	4,618	13,160	17,485	129,380
May.....	73	60	218	232	87	28	14,552	38,602	2,587	8,656	15,168	17,074	224,079
June.....	82	64	162	283	91	34	16,207	34,837	1,929	9,811	15,757	20,818	424,927
July.....	84	47	131	293	108	41	16,709	30,659	1,661	10,161	18,738	25,621	478,048
August.....	79	43	87	277	116	52	15,571	27,671	1,028	9,695	20,167	32,227	691,730
September.....	87	40	69	228	102	67	17,229	25,954	815	7,924	17,671	41,139	784,238
October.....	109	47	59	165	101	89	21,489	30,238	702	8,720	17,602	54,758	756,563
November.....	208	80	41	94	79	88	43,171	51,781	491	3,257	13,716	54,503	725,307
December.....	371	155	41	38	55	79	73,458	100,170	480	1,311	9,065	48,659	531,520
1923													
January.....	221	188	72	6	45	65	43,735	121,632	853	213	7,885	40,033	424,048
February.....	119	175	86	(?)	67	44	23,019	113,503	1,025	13	11,647	27,070	366,159
March.....	67	146	179	13	89	27	17,184	94,872	2,124	453	15,518	16,724	175,002
April.....	83	115	188	108	87	17	12,446	74,562	2,237	3,737	15,120	10,590	187,187
May.....	68	88	243	227	89	20	13,392	57,274	2,884	7,890	15,302	12,312	253,212
June.....	84	76	174	294	98	20	16,562	49,100	2,072	10,222	16,931	17,780	445,127
July.....	84	64	113	303	121	44	16,696	41,250	1,338	10,509	20,921	27,237	390,688
August.....	91	53	101	285	120	63	18,068	34,131	1,205	9,884	20,834	29,101	653,480
September.....	95	51	83	252	117	86	15,848	33,142	931	8,757	20,259	48,220	834,304
October.....	138	57	70	192	115	102	27,412	37,008	831	6,650	19,934	62,744	982,709
November.....	202	98	48	116	90	103	57,819	63,274	565	4,025	15,624	63,458	648,648
December.....	382	145	49	55	70	104	75,576	93,675	587	1,926	12,119	64,292	403,692
1924													
January.....	191	154	60	14	59	86	37,915	69,466	713	500	10,279	52,627	366,041
February.....	139	144	84	1	71	65	27,447	63,528	969	44	12,277	40,421	416,378
March.....	85	117	101	16	101	48	16,893	76,025	1,196	669	17,555	23,571	231,706
April.....	79	80	209	104	95	35	15,608	82,068	2,487	3,609	16,302	21,459	195,188
May.....	90	61	220	200	100	35	17,742	39,247	2,610	6,944	17,346	21,840	279,360
June.....	91	54	183	251	103	44	17,624	34,832	1,823	8,697	17,792	28,986	327,660
July.....		52		267		58		33,542		9,364		36,037	
August.....													
September.....													
October.....													
November.....													
December.....													

¹ Data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics, except fish catch representing landings of fresh fish from vessels at Boston at Gloucester, Mass., Portland, Me., and Seattle, Wash., compiled by U. S. Department of Commerce, Bureau of Fisheries, and shipments of canned salmon from Puget Sound Astoria, Portland, Oreg. (except small rail shipments), San Francisco, and in bond through Prince Rupert, B. C., representing practically complete pack of the United States, including Alaska, reported by Pacific Canned Fish Brokers' Association, in cases of 48 one-pound cans to the case.

² Boston, New York, Philadelphia, Chicago, and San Francisco. Total of weekly figures with first and last weeks of month prorated.

³ Holdings at the end of the month.

⁴ As of 15th of the month.

⁵ Excluding Portland and Seattle.

⁶ Does not include Portland, Oreg., whose water shipments totaled 25,227 cases in January, 1923, and an average of about 2,000 cans for each of the five succeeding months of 1923. One case of eggs equals 30 dozen, or about 45 pounds net.

⁷ Index number less than 1.

Table 101.—SUGAR¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	RAW SUGAR				EX-PORTS	PRICES			CUBAN MOVEMENT		
	Imports	Receipts, Louisiana crop at New Orleans	Meltings ¹	Stocks, at refineries ¹	Refined, including maple	Wholesale		Retail	Receipts, Cuban ports	Ex-ports	Stocks, end of month
						Raw, 96° centrifugal, N. Y.	Granulated, in bbls., N. Y.	Index, 51 cities			
	Relative to 1913		Relative to 1919		Relative to 1909-1913	Relative to 1913			Relative to 1919		
1909-1913 monthly average.....					100						
1913 monthly average.....	100	100			65	100	100	100			
1914 monthly average.....	115	62			492	100	110	108			
1915 monthly average.....	112	53			1,214	133	130	120			
1916 monthly average.....	117	87			1,992	165	161	146			
1917 monthly average.....	105	59			1,274	179	181	169			
1918 monthly average.....	109	45	79	85	513	183	182	176			
1919 monthly average.....	149	50	100	100	1,859	215	209	205	100	100	100
1920 monthly average.....	170	29	104	110	1,164	372	297	353	87	89	77
1921 monthly average.....	131	54	92	157	1,176	137	144	146	95	95	175
1922 monthly average.....	206	57	130	205	2,314	133	139	132	100	103	77
1923 monthly average.....	157	87	107	200	559	200	195	184	87	87	62
1922											
January.....	179	50	90	90	2,159	104	112	113	60	37	18
February.....	255	18	128	172	2,045	107	115	116	154	61	64
March.....	326	6	165	287	3,673	112	121	118	261	157	124
April.....	269	7	164	332	4,149	114	122	122	218	158	155
May.....	254	7	178	285	4,959	116	123	120	168	174	162
June.....	264	13	164	290	5,560	131	137	129	104	166	131
July.....	257	16	163	324	3,010	147	154	138	89	162	101
August.....	242	24	166	276	1,358	148	158	147	56	108	72
September.....	99	11	96	189	436	138	146	144	27	66	53
October.....	110	15	86	99	200	155	154	144	19	59	36
November.....	137	231	95	72	132	160	160	147	14	59	8
December.....	81	283	70	47	90	163	162	151	26	31	7
1923											
January.....	137	209	77	84	160	151	158	151	152	95	43
February.....	140	9	105	130	997	176	171	158	207	146	71
March.....	329	4	157	298	1,071	208	201	185	261	199	101
April.....	223	6	150	343	1,332	223	215	193	171	142	117
May.....	209	4	146	331	1,479	227	220	204	99	123	104
June.....	177	4	122	307	1,072	213	215	202	55	84	92
July.....	122	7	80	240	108	198	199	191	27	48	81
August.....	115	8	97	220	89	173	178	175	20	46	67
September.....	114	12	83	202	145	199	193	175	19	64	44
October.....	159	140	118	127	94	217	210	193	21	75	13
November.....	93	234	80	61	104	208	203	187	3	26	5
December.....	63	408	61	61	63	209	207	189	8	1	3
1924											
January.....	131	133	70	83	118	192	196	185	166	105	37
February.....	233	11	131	138	243	207	204	187	223	162	68
March.....	266	1	142	248	488	197	199	189	257	189	102
April.....	219	1	131	290	858	182	186	181	193	117	146
May.....	211	2	133	354	1,018	161	170	167	114	116	144
June.....	186	2	144	386	756	145	152	161	43	89	122
July.....		4	155	337		145	153		54	113	89
August.....											
September.....											
October.....											
November.....											
December.....											

¹ Receipts, stocks, and meltings and Cuban movement reported by the *Statistical Sugar Trade Journal*; imports and exports from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; wholesale and retail sugar prices, from U. S. Department of Labor, Bureau of Labor Statistics.

Table 102.—SUGAR ¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	RAW SUGAR				EX- PORTS	WHOLESALE PRICE		CUBAN MOVEMENT			
	Imports	Receipts, Louisiana crop at New Orleans	Meltings ²	Stocks, at refineries ³		Refined, including maple	Raw, 90% centrifugal, N. Y.	Granulated, in bbis., N. Y.	Receipts, Cuban ports	Exports	Stocks, end of month
					Long tons							Per pound		Long tons
1909-1913 monthly average.....					2,933						
1913 monthly average.....	175,664	16,154			1,926	\$9.035	\$9.043				
1914 monthly average.....	201,437	10,109			14,524	.078	.047				
1915 monthly average.....	194,569	8,501			35,838	.047	.051				
1916 monthly average.....	205,716	14,050			58,812	.078	.069				
1917 monthly average.....	183,802	9,545			37,602	.053	.077				
1918 monthly average.....	192,219	7,286	257,174	81,311	15,152	.064	.078				
1919 monthly average.....	261,149	8,154	323,233	85,428	54,891	.075	.089	330,192	375,225	644,484	
1920 monthly average.....	298,685	4,701	338,430	105,357	34,371	.130	.121	288,036	200,361	48,886	
1921 monthly average.....	229,276	8,812	259,891	150,022	31,739	.018	.012	314,072	109,747	1,149,082	
1922 monthly average.....	361,789	9,216	423,659	195,854	68,341	.047	.079	329,161	371,599	499,290	
1923 monthly average.....	275,219	14,102	348,165	191,179	16,520	.070	.081	286,478	281,663	393,799	
1922											
January.....	314,939	8,039	291,601	85,602	63,766	.076	.048	199,102	121,775	117,786	
February.....	448,321	2,895	415,721	163,817	60,390	.038	.049	107,561	198,821	414,512	
March.....	571,836	909	535,357	273,811	108,468	.039	.072	83,174	512,251	799,619	
April.....	473,137	1,208	531,922	316,973	122,516	.010	.072	720,569	512,439	997,291	
May.....	446,678	1,187	577,330	271,890	146,454	.041	.053	153,812	567,330	1,013,420	
June.....	460,480	2,056	532,052	277,150	184,184	.046	.029	342,736	570,371	844,622	
July.....	451,011	2,609	530,334	309,413	88,887	.072	.066	234,169	427,849	670,164	
August.....	425,930	3,939	540,024	262,959	40,100	.052	.067	183,411	349,979	469,287	
September.....	174,232	1,812	312,909	180,577	12,870	.018	.063	90,373	213,723	341,523	
October.....	193,092	2,400	240,093	94,043	8,896	.054	.066	61,715	151,770	228,902	
November.....	239,965	37,912	309,274	69,185	3,893	.056	.068	46,013	191,110	49,455	
December.....	141,821	45,824	227,333	44,828	2,671	.037	.069	87,419	161,709	43,349	
1923											
January.....	240,034	33,899	251,140	80,617	4,718	.053	.067	501,271	309,831	276,288	
February.....	245,907	1,506	342,715	124,184	28,438	.062	.073	484,689	474,764	660,609	
March.....	578,101	728	510,653	284,869	31,632	.073	.086	861,739	647,008	653,692	
April.....	391,741	896	486,421	327,081	39,324	.078	.062	663,325	461,321	756,155	
May.....	367,891	663	474,169	315,680	43,670	.079	.064	323,997	399,029	659,543	
June.....	310,772	585	396,265	293,023	31,669	.074	.062	180,755	372,987	190,209	
July.....	214,462	1,076	259,654	228,540	3,181	.069	.085	90,989	154,726	623,687	
August.....	202,336	1,368	316,729	209,788	2,624	.061	.076	64,878	148,237	423,588	
September.....	199,870	1,998	268,365	192,375	4,233	.070	.082	62,810	209,473	285,549	
October.....	278,575	22,680	384,200	121,656	2,772	.076	.080	68,671	244,983	88,266	
November.....	163,211	37,805	288,031	58,189	3,060	.073	.067	9,620	83,151	31,246	
December.....	110,143	66,014	199,642	57,929	1,853	.073	.088	25,876	3,714	22,162	
1924											
January.....	230,919	22,262	228,670	79,208	3,499	.067	.064	548,358	341,821	240,622	
February.....	409,553	1,760	426,627	131,689	7,181	.072	.067	736,588	327,741	437,958	
March.....	466,527	152	460,441	237,119	14,415	.069	.065	576,021	613,483	610,388	
April.....	384,952	174	426,955	277,027	25,342	.074	.079	634,044	380,169	940,715	
May.....	370,001	347	432,206	338,092	30,055	.056	.073	375,924	376,619	929,239	
June.....	326,913	331	468,314	367,971	22,329	.051	.065	141,668	291,668	788,141	
July.....		672	503,640	321,238		.051	.066	178,615	366,263	670,802	
August.....											
September.....											
October.....											
November.....											
December.....											

See footnotes on opposite page also.

¹ Figures include reports from seven ports: Boston, New York, Philadelphia, Savannah, New Orleans, Galveston, and San Francisco until 1921, when Baltimore was added upon completion of refinery in that city. Prior to that year it is stated that little sugar moved through Baltimore. Meltings are calculated from weekly reports, the odd days being prorated. Stocks represent the amount of raw sugar in the hands of refiners on the dates nearest the end of the month as reported for each port.

² Covers first 21 days only, during which period the old tariff law was in effect.

Table 103.—TOBACCO

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	UNMANUFACTURED							MANUFACTURED PRODUCTS				
	Production (crop estimate) ¹	Sales, loose leaf ware- houses ²	Exports, leaf ³	Stocks ⁴			Whole- sale price (⁵)	Consumption ⁶ (tax-paid withdrawals)			Exports ⁷	
				Chewing, smoking, snuff, and export types	Cigar types	Total, including imported types		Burley, good leaf, dark red, Louis- ville	Manu- factured tobacco and snuff	Large cigars		Small ciga- rettes
Rel. to 1909-1913	Rel. to 1919	Rel. to 1909-1913										
1909-1913 monthly average.....	100		100									
1913 monthly average.....	96		117	100	100	100	100	100	100	100	100	
1914 monthly average.....	104		92	103	93	101	111	99	95	108	104	
1915 monthly average.....	107		114	113	98	109	104	100	87	115	90	
1916 monthly average.....	116		128	101	77	94	115	105	93	163	184	
1917 monthly average.....	125		67	114	75	101	169	100	100	227	303	
1918 monthly average.....	144		107	120	79	103	277	112	93	300	524	
1919 monthly average.....	147	100	203	127	82	114	245	96	93	341	699	
1920 monthly average.....	159	80	124	127	88	117	259	90	105	287	683	
1921 monthly average.....	107	90	137	151	93	134	222	87	89	327	368	
1922 monthly average.....	125	51	114	138	104	129	268	95	91	344	495	
1923 monthly average.....	148	51	132	149	100	137	210	93	92	414	532	
1922												
January.....		98	103				208	92	70	286	405	
February.....		91	82				208	88	71	241	413	
March.....		24	105	161	109	145	208	103	84	260	519	
April.....			130				208	85	79	266	481	
May.....		2	127				208	97	90	355	567	
June.....		1	95	138	112	131	208	103	98	409	610	
July.....	142	2	103				208	96	93	405	362	
August.....	143	62	92				208	112	102	492	545	
September.....	136	64	105	123	103	118	208	100	99	428	594	
October.....	136	102	186				208	97	110	347	561	
November.....	134	71	127				208	91	108	349	443	
December.....	125	86	118	132	94	121	208	71	89	273	439	
1923												
January.....		70	133				208	100	89	413	470	
February.....		43	85				208	83	80	357	394	
March.....		28	101	164	119	150	208	99	91	389	485	
April.....		5	129				208	92	84	363	550	
May.....		1	92				208	98	91	429	582	
June.....		(?)	165	148	115	138	211	97	94	450	550	
July.....	143	(?)	149				212	91	93	450	677	
August.....	148	46	109				212	98	98	452	480	
September.....	156	86	123	134	106	127	212	92	95	429	632	
October.....	147	100	149				212	98	113	484	529	
November.....	144	120	171				212	90	103	414	496	
December.....	148	115	177	150	97	134	212	71	78	342	554	
1924												
January.....		94	161				212	103	80	453	512	
February.....		58	136				212	96	79	374	342	
March.....		29	209	183	114	160	212	94	82	406	340	
April.....		6	203				212	89	79	411	587	
May.....		6	140				212	94	88	493	603	
June.....		2	178	164	120	149	192				629	
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Estimate of production of the tobacco crop from the U. S. Department of Agriculture, Bureau of Agricultural Economics. The annual figures represent the latest revised estimates of the year's total crop, not monthly averages, while the monthly figures represent the current estimate of the total crop for the year made the first week of each month. Revisions of the December estimate for each year are made in December of the following year.

² Sales of tobacco from loose-leaf warehouses compiled by the Federal Reserve Board, Division of Research and Statistics from reports of State authorities of Kentucky, North Carolina, South Carolina, and Virginia, which States grow about 75 per cent of the total tobacco crop. Sales from Kentucky were not available for the first six months of 1919, so that the year's figure is partly estimated by estimating the Kentucky figures for the first half year as equal to the sum of the sales in the other reporting States, which is approximately the normal proportion of Kentucky sales to the total.

³ Exports from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

Table 104.—TOBACCO

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	UNMANUFACTURED							MANUFACTURED PRODUCTS				
	Production (crop estimate) ¹	Sales, loose-leaf warehouses ¹	Exports, leaf ¹	Stocks ¹ (quarterly)			Wholesale price ¹	Consumption ¹ (tax-paid withdrawals)			Exports ¹	
				Chewing, snuff, and export types	Cigar types	Total, including imported types		Burley, good leaf, dark red, Louisville	Manufactured tobacco and snuff ¹	Large cigars		Small cigarettes	Cigarettes
	Thousands of pounds						Dollars per 100 pounds	Thousands of pounds		Thousands		
1909-1913 monthly average.....	996, 176		31, 417									
1913 monthly average.....	953, 734		36, 754	810, 469	369, 602	1, 231, 014	113. 29	36, 999	630, 959	1, 296, 309	103, 234	
1914 monthly average.....	1, 034, 679		29, 827	835, 462	344, 971	1, 214, 524	14. 65	36, 745	597, 849	1, 404, 636	200, 602	
1915 monthly average.....	1, 062, 237		35, 877	915, 452	361, 114	1, 343, 396	13. 79	36, 863	549, 932	1, 497, 029	173, 015	
1916 monthly average.....	1, 153, 278		39, 784	821, 564	286, 007	1, 163, 332	15. 23	38, 847	586, 844	2, 107, 525	354, 889	
1917 monthly average.....	1, 249, 276		21, 186	923, 240	275, 770	1, 250, 801	22. 30	40, 248	629, 991	2, 944, 272	584, 977	
1918 monthly average.....	1, 439, 071		33, 656	975, 427	291, 214	1, 337, 747	36. 57	41, 423	687, 796	3, 888, 075	1, 012, 126	
1919 monthly average.....	1, 465, 481	82, 149	63, 826	1, 030, 042	303, 343	1, 402, 525	32. 35	35, 339	759, 363	4, 426, 649	1, 350, 981	
1920 monthly average.....	1, 582, 225	65, 280	38, 946	1, 026, 109	327, 185	1, 440, 507	34. 18	33, 324	661, 418	3, 720, 672	1, 319, 489	
1921 monthly average.....	1, 069, 693	74, 254	42, 946	1, 227, 487	344, 617	1, 650, 022	29. 28	32, 208	563, 218	4, 240, 181	711, 973	
1922 monthly average.....	1, 246, 837	41, 601	35, 907	1, 121, 075	386, 091	1, 687, 422	27. 50	35, 019	574, 383	4, 463, 752	950, 334	
1923 monthly average.....	1, 474, 786	42, 028	41, 434	1, 207, 714	404, 584	1, 689, 639	27. 78	34, 342	583, 241	5, 370, 890	1, 077, 303	
1922												
January.....		80, 076	32, 265				27. 50	34, 215	443, 261	3, 705, 516	781, 755	
February.....		74, 772	25, 635				27. 50	32, 456	447, 226	3, 125, 819	797, 423	
March.....		19, 645	32, 967	1, 303, 255	401, 633	1, 784, 551	27. 50	38, 120	529, 162	3, 636, 032	1, 002, 398	
April.....		4, 582	40, 704				27. 50	31, 376	501, 394	3, 453, 061	928, 955	
May.....		1, 338	39, 844				27. 50	35, 846	599, 209	4, 661, 373	1, 094, 728	
June.....		1, 196	29, 991	1, 119, 605	413, 540	1, 616, 396	27. 50	38, 233	615, 253	5, 501, 643	1, 179, 420	
July.....	1, 414, 641	1, 953	32, 319				27. 50	35, 449	585, 674	5, 216, 812	709, 044	
August.....	1, 424, 622	50, 655	28, 958				27. 50	41, 476	641, 164	6, 373, 853	1, 052, 855	
September.....	1, 352, 637	52, 413	33, 102	993, 398	382, 586	1, 457, 439	27. 50	37, 108	625, 772	5, 554, 301	1, 148, 533	
October.....	1, 355, 466	83, 778	58, 353				27. 50	35, 755	693, 941	4, 497, 685	1, 084, 477	
November.....	1, 330, 275	58, 241	39, 787				27. 50	33, 837	679, 300	4, 524, 272	850, 247	
December.....	1, 246, 837	70, 560	36, 955	1, 068, 042	346, 604	1, 491, 301	27. 50	26, 361	561, 012	3, 544, 624	849, 168	
1923												
January.....		57, 463	41, 652				27. 50	37, 090	559, 183	5, 349, 771	907, 729	
February.....		34, 998	26, 740				27. 50	32, 641	507, 266	4, 623, 431	761, 695	
March.....		22, 626	31, 641	1, 327, 731	441, 590	1, 846, 555	27. 50	36, 451	574, 515	5, 043, 327	937, 198	
April.....		4, 309	40, 590				27. 50	34, 055	532, 534	4, 710, 545	1, 063, 237	
May.....		868	28, 946				27. 50	36, 361	575, 916	5, 554, 990	1, 124, 735	
June.....		349	51, 762	1, 196, 446	425, 000	1, 697, 844	27. 50	35, 847	591, 514	5, 836, 468	1, 023, 643	
July.....	1, 424, 825	247	46, 866				28. 00	33, 637	589, 176	5, 839, 709	1, 368, 229	
August.....	1, 473, 837	37, 453	34, 154				28. 00	36, 172	616, 265	5, 858, 334	927, 372	
September.....	1, 550, 716	70, 991	38, 487	1, 086, 985	393, 489	1, 562, 225	28. 00	33, 881	598, 817	5, 567, 397	1, 221, 765	
October.....	1, 461, 711	82, 222	46, 927				28. 00	36, 782	711, 655	6, 277, 169	1, 022, 282	
November.....	1, 436, 738	98, 317	53, 734				28. 00	33, 350	650, 687	5, 361, 419	958, 399	
December.....	1, 474, 786	94, 488	55, 707	1, 219, 694	358, 256	1, 651, 930	28. 00	26, 232	491, 359	4, 428, 119	1, 071, 079	
1924												
January.....		76, 986	50, 528				28. 00	38, 191	504, 024	6, 256, 784	959, 742	
February.....		48, 019	42, 590				28. 00	35, 353	498, 796	4, 854, 526	661, 558	
March.....		24, 108	65, 798	1, 485, 969	420, 936	1, 976, 569	28. 00	34, 847	515, 895	5, 268, 703	656, 093	
April.....		4, 800	63, 732				28. 00	32, 866	501, 422	5, 323, 295	1, 135, 192	
May.....		4, 795	43, 950				28. 00	34, 948	553, 320	6, 591, 902	1, 164, 533	
June.....		1, 695	55, 854	1, 327, 852	442, 696	1, 843, 737	25. 38				1, 215, 852	
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Stocks of leaf tobacco held by manufacturers and dealers compiled by the U. S. Department of Commerce, Bureau of the Census. During the years 1913, 1914, 1915 and 1916 the data were collected semiannually in March and September, the quarterly collection commencing with December, 1916. Therefore the averages for the years 1913 through 1915 are semiannual, while for 1916 three quarters are averaged, and thereafter four quarters.

² Wholesale price of burley, good leaf, dark red tobacco at Louisville is average for the month compiled by the U. S. Department of Labor, Bureau of Labor Statistics.

³ Figures of consumption of tobacco products from U. S. Treasury Department, Bureau of Internal Revenue, represent withdrawals from bonded warehouses upon payment of tax for domestic consumption. The figures for manufactured tobacco (cand. snuff, pipe, twist, fine-cut, and smoking tobacco and snuff). Figures for cigars are those for large cigars, weighing over 3 pounds per thousand, while for cigarettes, small cigarettes are taken, weighing 3 pounds per thousand or less; in both cases the series taken represent over 90 per cent of the totals for each class.

⁴ Index number less than 1.

Table 105.—COFFEE AND TEA¹

[Base year in bold-faced type]

YEAR AND MONTH	COFFEE					TEA		COFFEE					TEA		
	Visible supply, end of month		Receipts in Brazil ²	Clearances from Brazil		Imports into U. S.	Imports into U. S.	Visible supply, end of month		Receipts in Brazil ³	Clearances from Brazil		Imports into U. S.	Imports into U. S.	
	World total	United States		Total ⁴	To United States ⁴			World total	United States		Total ⁴	To United States ⁴			
	Relative to 1913					Relative to 5-year average		Thousands of bags ⁵					Thousands of pounds		
	RELATIVE NUMBERS							NUMERICAL DATA							
1909-1913 mo. av.						100	100							75,659	8,241
1913 mo. av.	100	100	100	100	100	94	90	11,819	1,835	955	990	393	71,044	7,418	7,418
1914 mo. av.	96	86	121	122	125	111	99	11,371	1,677	1,151	1,207	491	84,260	8,151	8,151
1915 mo. av.	80	94	112	111	121	135	107	9,468	1,727	1,072	1,103	474	102,438	8,842	8,842
1916 mo. av.	79	110	131	127	138	129	107	9,280	2,017	1,249	1,261	544	97,241	8,814	8,814
1917 mo. av.		142	106	102	155	142	128		2,611	1,009	1,014	610	107,209	10,566	10,566
1918		101	132	82	136	121	134		1,851	1,261	813	536	91,788	11,044	11,044
1919 mo. av.		66	80	84	91	147	82		1,213	762	831	359	111,130	6,747	6,747
1920 mo. av.	87	92	58	90	162	143	92	7,941	1,695	558	891	637	108,118	7,587	7,587
1921 mo. av.	75	92	111	101	131	148	77	8,913	1,686	1,064	1,003	513	111,956	6,374	6,374
1922 mo. av.	74	59	94	105	127	137	98	8,730	1,087	894	1,036	499	103,837	8,093	8,093
1923 mo. av.	50	49	96	119	159	155	108	5,863	903	916	1,175	625	117,321	8,927	8,927
1922															
January	78	76	111	127	127	158	85	9,234	1,887	1,064	1,259	499	110,353	6,966	6,966
February	80	79	106	98	83	141	61	9,404	1,453	1,009	968	327	106,847	5,030	5,030
March	78	65	96	117	118	127	80	9,185	1,195	913	1,159	464	96,132	6,617	6,617
April	76	57	86	108	170	133	68	8,944	1,039	821	1,072	667	100,455	5,393	5,393
May	75	62	80	71	86	161	68	8,872	1,146	765	703	337	122,093	5,634	5,634
June	73	59	46	76	86	126	65	8,577	1,086	438	754	337	95,060	5,367	5,367
July	73	61	69	74	83	120	87	8,600	1,124	657	732	325	90,591	7,208	7,208
August	74	49	114	105	108	91	117	8,775	904	1,089	1,041	425	69,166	9,657	9,657
September	72	51	99	109	141	78	96	8,513	940	918	1,083	554	59,318	7,938	7,938
October	72	46	108	154	212	177	216	8,461	838	1,033	1,521	835	134,273	17,821	17,821
November	70	52	104	119	188	161	124	8,242	957	993	1,175	738	121,737	10,289	10,289
December	67	53	104	97	122	173	110	7,953	976	993	959	481	131,016	9,048	9,048
1923															
January	65	46	105	124	176	153	106	7,721	819	1,004	1,226	693	115,608	8,738	8,738
February	63	59	93	120	211	174	65	7,491	1,090	889	1,187	828	131,975	5,376	5,376
March	59	66	77	117	153	232	51	6,936	1,208	739	1,155	601	175,876	4,221	4,221
April	52	56	27	69	54	151	52	6,104	1,033	257	679	212	114,073	4,300	4,300
May	40	45	31	69	91	120	60	5,451	828	298	679	356	90,416	5,406	5,406
June	45	47	60	72	79	94	81	5,297	860	577	717	309	71,140	6,710	6,710
July	47	43	108	78	86	92	117	5,524	798	1,031	773	339	69,541	9,609	9,609
August	49	39	133	156	204	96	116	5,777	716	1,289	1,543	803	72,966	9,569	9,569
September	40	51	132	168	226	154	157	5,742	944	1,205	1,664	890	116,781	12,921	12,921
October	45	51	132	183	246	187	173	5,325	944	1,265	1,812	968	141,336	14,259	14,259
November	40	48	125	138	190	218	149	4,694	884	1,189	1,371	748	164,917	12,287	12,287
December	36	39	127	130	192	189	167	4,293	712	1,214	1,288	756	143,196	13,722	13,722
1924															
January	36	37	129	115	128	182	95	4,198	670	1,235	1,134	505	137,397	7,831	7,831
February	35	31	110	131	162	145	63	4,183	571	1,054	1,297	635	109,994	5,132	5,132
March	83	36	116	112	147	169	74	3,892	652	1,109	1,015	576	127,771	6,075	6,075
April	37	35	118	74	118	148	72	4,351	634	1,131	728	463	111,957	5,922	5,922
May	39	36	112	95	119	161	51	4,665	657	1,073	940	466	121,600	4,173	4,173
June	42	41	116	105	161	146	77	5,020	760	1,110	1,039	634	110,101	6,344	6,344
July															
August															
September															
October															
November															
December															

¹ Data on coffee except imports received from the *New York Coffee and Sugar Exchange, Inc.*; imports of coffee and tea from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

² Represents total receipts at Rio and Santos.

³ Represents total clearances from Rio, Santos, and Victoria.

⁴ Represents total clearances from Rio, Santos, Victoria, and Bahia.

⁵ A bag of coffee averages 132 pounds.

⁶ Covers first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

Table 106.—PASSENGER TRAVEL

[Base year in bold-faced type]

YEAR AND MONTH	IMMIGRATION AND EMIGRATION					VISITORS TO NATIONAL PARKS ¹		IMMIGRATION AND EMIGRATION					VISITORS TO NATIONAL PARKS ¹	
	Aliens ¹		United States citizens ¹		Passports issued ¹	Persons	Auto-mob-iles	Aliens ¹		United States citizens ¹		Passports issued ¹	Persons	Auto-mob-iles
	Ad-mitted	De-parted	Arriv-als	De-par-tures				Ad-mitted	De-parted	Arrivals	Depart-ures			
	Relative to 1913					Relative to 1920		Number						
RELATIVE NUMBERS							NUMERICAL DATA							
1913 monthly average.....	100	100	100	100	100			118,930	20,991	24,600	30,063	1,954		
1914 monthly average.....	98	104	94	82	87			116,923	12,817	23,238	24,580	1,693		
1915 monthly average.....	30	63	41	30	99			30,187	32,015	10,161	8,951	1,093		
1916 monthly average.....	26	39	46	34	99			20,662	20,067	11,208	10,321	1,927		
1917 monthly average.....	25	24	33	47	160			30,240	12,198	8,187	14,161	3,135		
1918 monthly average.....	15	32	27	93	242			17,654	16,106	6,664	27,009	4,735		
1919 monthly average.....	17	35	44	41	418			19,752	18,019	10,839	12,247	8,163		
1920 monthly average.....	44	70	69	70	681	100	100	51,798	35,672	17,038	21,102	13,374	68,887	7,239
1921 monthly average.....	49	68	78	78	687	109	132	57,804	34,463	19,272	23,340	11,474	74,966	9,548
1922 monthly average.....	87	40	69	81	587	119	139	43,641	20,192	24,266	21,299	11,463	81,812	10,025
1923 monthly average.....	63	33	94	70	538	165	169	75,501	16,605	23,020	21,728	10,521	113,576	12,214
1922														
January.....	19	31	49	52	373	31	5	22,633	15,535	12,057	15,519	7,251	21,360	336
February.....	15	28	71	63	383	32	5	17,613	14,423	17,673	19,061	7,465	22,217	539
March.....	21	31	89	70	775	34	3	24,539	15,696	21,884	20,993	15,142	23,633	246
April.....	25	49	51	87	1,125	40	9	29,166	24,962	19,889	26,197	21,929	27,771	664
May.....	31	45	81	99	1,251	64	42	36,880	23,147	19,837	29,643	24,448	44,418	7,039
June.....	30	53	78	117	930	185	150	36,236	26,944	19,212	35,329	18,179	127,298	19,812
July.....	45	60	91	176	486	393	629	53,242	30,834	22,279	63,069	9,593	270,518	45,456
August.....	46	38	128	71	391	290	550	55,033	19,499	31,407	21,364	7,637	268,995	39,791
September.....	56	34	223	62	344	155	231	67,016	17,261	54,768	18,665	6,723	106,430	16,649
October.....	37	35	141	65	323	47	29	71,192	17,837	34,678	19,546	6,599	32,409	2,130
November.....	66	34	86	51	322	27	8	62,139	17,279	21,251	15,354	6,288	18,831	546
December.....	37	37	68	52	338	27	3	43,984	18,830	16,720	15,761	6,597	18,551	251
1923														
January.....	32	23	64	54	439	31	5	38,253	11,502	15,645	16,120	6,990	21,339	348
February.....	33	17	82	71	282	30	6	38,760	8,841	20,217	21,257	5,508	20,923	402
March.....	45	21	106	65	539	41	8	53,330	10,630	26,181	19,583	10,824	27,056	551
April.....	55	27	100	64	828	68	20	65,135	13,763	24,563	19,209	16,170	46,675	1,461
May.....	56	32	66	69	1,171	81	79	66,854	16,334	21,161	20,603	22,885	58,683	5,722
June.....	49	35	79	100	968	234	244	58,477	17,973	19,377	30,067	18,710	154,020	17,641
July.....	83	44	84	133	567	613	817	68,551	22,254	20,637	39,898	11,074	422,185	59,014
August.....	86	37	136	92	424	558	626	101,974	18,756	33,510	27,744	8,280	384,560	45,242
September.....	91	32	84	54	361	182	197	107,632	16,318	20,637	16,318	7,063	125,441	14,235
October.....	87	41	112	60	349	57	43	103,518	21,147	27,533	18,104	6,826	39,044	3,136
November.....	89	36	118	50	306	44	22	105,393	18,532	29,142	14,901	5,976	30,514	1,691
December.....	57	45	72	56	320	43	10	68,081	23,292	17,620	16,928	6,248	29,540	690
1924														
January.....	37	28	64	69	389	51	14	44,354	14,412	15,638	20,817	7,598	35,408	1,093
February.....	34	23	90	80	332	56	24	40,743	11,286	22,161	24,197	6,487	38,792	1,730
March.....	41	24	102	65	611	68	27	48,854	12,185	25,146	19,474	11,943	46,850	1,942
April.....	47	31	99	69	1,001	85	29	55,565	15,940	24,253	20,791	19,655	58,330	2,118
May.....	41	41	80	85	1,348	142	101	49,215	21,091	19,607	25,467	26,347	97,794	7,274
June.....					1,136	305	447					22,207	210,196	32,330
July.....					795							15,536		
August.....														
September.....														
October.....														
November.....														
December.....														

¹ Arrivals and departures of aliens and United States citizens reported by U. S. Department of Labor, Bureau of Immigration. Admitted aliens include both immigrants and nonimmigrants, while departed aliens comprise both emigrants and nonemigrants.
² Passports issued, from U. S. Department of State, Division of Passport Control, exclude passports issued to Government officials.
³ Visitors to national parks from Department of Interior as reported by superintendents of the following 15 parks: Grand Canyon and Casa Grande, Ariz. (the latter a monument rather than a park), Hot Springs, Ark., General Grant, Sequoia and Yosemite, Calif., Rocky Mountain, Colo., Glacier, Mont., Platt, Okla., Crater Lake, Oreg., Wind Cave, S. Dak., Zion, Utah, Mount Rainier, Wash., Yellowstone, Wyo., and Mount McKinley, Alaska. Vehicles are not reported by Platt, Hot Springs, Wind Cave, and Mount McKinley. By far the largest attendance of visitors is shown at Platt Park.

Table 107.—OCEAN TRANSPORTATION¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	VESSELS IN FOREIGN TRADE						INDEX OF OCEAN FREIGHT RATES ²		FUEL CONSUMPTION BY VESSELS		VESSELS LOST OR ABANDONED (quarterly)	
	Entered			Cleared			United States, Atlantic ports to—		Loadings at principal clearing ports		Lost	Abandoned
	Ameri- can	For- eign	Total	Ameri- can	For- eign	Total	United King- dom	All Eu- rope	Coal	Fuel oil		
	Relative to 1913						Relative to January, 1920		Relative to 1919		Relative to 1913	
1913 monthly average.....	100	100	100	100	100	100	-----	-----	106	-----	100	100
1914 monthly average.....	88	93	91	80	93	90	-----	-----	100	19	124	124
1915 monthly average.....	113	85	92	107	87	93	-----	-----	103	25	143	181
1916 monthly average.....	129	86	97	123	90	99	-----	-----	109	39	106	124
1917 monthly average.....	141	74	92	133	76	92	-----	-----	95	42	215	105
1918 monthly average.....	131	65	82	125	68	84	-----	-----	78	47	326	88
1919 monthly average.....	155	63	86	167	68	95	-----	-----	100	100	136	63
1920 monthly average.....	228	82	120	227	87	126	100.0	100.0	129	188	200	79
1921 monthly average.....	221	79	117	201	84	116	44.9	36.0	104	193	155	140
1922 monthly average.....	225	85	122	211	85	120	29.0	25.5	87	226	93	314
1923 monthly average.....	198	99	125	186	100	124	23.1	22.1	63	268	100	773
1922												
January.....	167	59	88	164	60	89	31.7	27.1	63	199	-----	-----
February.....	156	70	93	148	67	90	34.7	29.1	60	207	-----	-----
March.....	181	80	107	174	83	108	33.1	28.3	69	224	80	166
April.....	184	75	184	191	77	109	27.3	25.4	66	232	-----	-----
May.....	244	80	123	210	79	115	27.9	25.7	70	218	-----	-----
June.....	222	90	125	210	94	126	27.5	25.7	60	245	117	356
July.....	271	105	149	244	102	141	28.8	25.9	53	224	-----	-----
August.....	259	107	147	232	101	138	29.2	24.6	43	229	-----	-----
September.....	239	106	141	244	106	145	27.0	23.4	43	239	69	109
October.....	239	89	142	269	86	137	25.3	22.7	49	232	-----	-----
November.....	272	83	133	276	87	139	28.0	24.0	55	235	-----	-----
December.....	209	78	113	171	82	107	27.1	24.4	51	228	105	424
1923												
January.....	172	86	109	150	83	102	25.3	22.9	53	238	-----	-----
February.....	130	72	87	127	78	92	21.8	21.1	52	216	-----	-----
March.....	160	88	107	145	88	104	23.1	21.9	60	269	111	364
April.....	165	84	105	163	88	109	22.6	22.6	57	271	-----	-----
May.....	217	105	134	204	104	132	22.3	22.1	76	274	-----	-----
June.....	223	102	134	212	107	137	21.2	21.3	72	266	119	415
July.....	210	134	154	209	134	155	20.2	19.9	71	255	-----	-----
August.....	209	126	148	205	128	149	20.1	20.0	76	294	-----	-----
September.....	192	105	128	196	109	133	20.8	20.7	65	279	62	866
October.....	233	103	139	215	102	134	23.4	22.9	61	300	-----	-----
November.....	232	89	127	231	92	130	23.6	25.1	58	269	-----	-----
December.....	224	89	125	179	84	111	27.8	25.1	62	261	111	1,448
1924												
January.....	151	78	97	145	87	103	27.5	24.9	58	270	-----	-----
February.....	154	84	103	153	83	103	29.9	25.1	55	269	-----	-----
March.....	167	81	104	160	78	101	29.6	24.8	50	263	-----	-----
April.....	197	85	115	198	88	118	28.1	25.3	57	308	-----	-----
May.....	283	99	148	259	100	144	28.4	25.7	61	328	-----	-----
June.....	224	113	142	199	110	135	25.0	23.3	56	312	-----	-----
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

See footnotes on opposite page also.

¹Tonnage entered and cleared in foreign trade, and fuel loaded for consumption by outgoing vessels, from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; index of ocean freight rates from the Federal Reserve Board, Division of Research and Statistics; vessels lost and abandoned, representing all classes of American vessels, from U. S. Department of Commerce, Bureau of Navigation, given for quarter ending in month stated, yearly figures representing quarterly averages.

²The index of ocean freight rates represents rates to 7 ports in the United Kingdom and a total of 17 ports for all Europe. The index numbers are weighted by the geometric means of these rates. The weights include the relative importance of each port and also the relative importance of the 5 principal products—grain, provisions, cotton, cottonseed oil, and sack flour.

Table 108.—OCEAN TRANSPORTATION¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	VESSELS IN FOREIGN TRADE						FUEL CONSUMPTION BY VESSELS		VESSELS LOST OR ABANDONED (quarterly)	
	Entered			Cleared			Loading at principal trading ports		Lost	Abandoned
	American	Foreign	Total	American	Foreign	Total	Coal	Fuel oil		
	Thousands of net tons ²						Thousands of tons	Thousands of barrels	Gross tons	Gross tons
1913 monthly average.....	1,174	3,261	4,410	1,250	3,233	4,483	612	.....	31,075	10,895
1914 monthly average.....	1,633	3,623	4,661	1,669	3,017	4,017	666	217	28,328	12,337
1915 monthly average.....	1,311	2,768	4,112	1,310	2,525	4,176	620	297	44,726	19,772
1916 monthly average.....	1,512	2,863	4,315	1,737	2,865	4,433	656	461	32,999	13,512
1917 monthly average.....	1,658	2,416	4,074	1,699	2,497	4,133	574	462	66,781	11,432
1918 monthly average.....	1,513	2,123	3,666	1,553	2,184	3,738	461	271	101,499	22,727
1919 monthly average.....	1,829	2,061	2,892	2,083	2,189	4,271	604	1,169	42,411	6,999
1920 monthly average.....	2,678	2,667	5,311	2,836	2,816	5,653	799	2,192	67,000	8,756
1921 monthly average.....	2,595	2,550	5,186	2,597	2,704	5,211	629	2,256	48,221	15,272
1922 monthly average.....	2,615	2,788	5,432	2,659	2,756	5,395	313	2,641	2,252	22,173
1923 monthly average.....	2,311	3,216	5,527	2,325	3,229	5,556	379	3,137	71,299	20,219
1922										
January.....	1,963	1,931	3,894	2,051	1,935	3,985	379	2,325	.....	.....
February.....	1,832	2,295	4,127	1,856	2,169	4,025	359	2,423	.....	.....
March.....	2,127	2,626	4,753	2,181	2,684	4,864	415	2,629	24,927	19,009
April.....	2,163	2,459	4,627	2,389	2,495	4,884	601	2,713	.....	.....
May.....	2,870	2,601	5,471	2,621	2,551	5,175	429	2,515	.....	.....
June.....	2,603	2,915	5,548	2,625	3,025	5,653	365	2,829	36,335	61,553
July.....	3,167	3,435	6,622	3,053	3,283	6,339	522	2,614	.....	.....
August.....	3,035	3,505	6,540	2,163	3,271	6,178	260	2,673	.....	.....
September.....	2,898	3,470	6,278	3,059	3,429	6,479	290	2,797	21,454	11,846
October.....	3,390	2,897	6,287	3,358	2,773	6,135	256	2,717	.....	.....
November.....	3,193	2,732	5,915	3,446	2,799	6,245	332	2,743	.....	.....
December.....	2,562	2,567	5,128	2,132	2,613	4,775	308	2,660	32,583	43,165
1923										
January.....	2,021	2,799	4,821	1,873	2,678	4,552	229	2,775	.....	.....
February.....	1,527	2,352	3,878	1,587	2,526	4,113	315	2,128	.....	.....
March.....	1,882	2,857	4,769	1,817	2,833	4,650	362	3,149	31,585	32,013
April.....	1,936	2,740	4,676	2,042	2,818	4,899	316	3,153	.....	.....
May.....	2,543	3,427	5,969	2,547	3,372	5,920	458	3,159	.....	.....
June.....	2,620	3,351	6,003	2,649	3,475	6,121	435	3,457	36,998	45,215
July.....	2,466	4,378	6,843	2,612	4,319	6,569	459	2,987	.....	.....
August.....	2,453	4,121	6,574	2,559	4,139	6,695	452	3,457	.....	.....
September.....	2,153	3,337	5,489	2,444	3,521	5,965	293	3,557	19,128	91,389
October.....	2,789	3,367	6,156	2,688	3,304	5,992	369	3,501	.....	.....
November.....	2,719	2,899	5,618	2,685	2,963	5,848	351	3,149	.....	.....
December.....	2,625	2,901	5,529	2,237	2,727	4,964	311	3,016	34,411	157,789
1924										
January.....	1,774	2,551	4,325	1,817	2,818	4,635	323	3,159	.....	.....
February.....	1,810	2,745	4,555	1,917	2,683	4,600	335	3,145	.....	.....
March.....	1,955	2,615	4,660	2,002	2,537	4,539	303	3,069	.....	.....
April.....	2,318	2,790	5,107	2,470	2,839	5,308	317	3,568	.....	.....
May.....	3,324	3,227	6,551	3,242	3,222	6,461	370	3,833	.....	.....
June.....	2,625	3,687	6,311	2,459	3,572	6,060	341	3,659	.....	.....
July.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page also.

¹ Net ton represents 100 cubic feet internal carrying capacity after prescribed allowances for crew and engine space, while gross ton represents in units of 100 cubic feet the entire cubical capacity of the vessel, including crew and engine space.² January, 1920.

Table 109.—RIVER AND CANAL CARGO TRAFFIC

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	CANALS							RIVERS			
	Panama ¹			Sault Ste. Marie ²	New York State ³	Cape Cod ⁴	Suez ⁵	Mississippi			Ohio
	Total	In American vessels	In British vessels					Receipts at St. Louis ⁶	Shipments from St. Louis ⁶	Government-owned barges ⁷	Pittsburgh to Wheeling ⁸
	Relative to 1915			Relative to 1913		Relative to 1916	Relative to 1919	Relative to 1913		Relative to 1919	Relative to 1922
1913 monthly average				100	100			100	100		
1914 monthly average				69	80			80	103		
1915 monthly average	100	100	100	89	71			42	112		
1916 monthly average	63	39	71	115	62	100		45	120		
1917 monthly average	144	67	154	113	50	64		39	141		
1918 monthly average	154	96	119	107	45	124		29	145		
1919 monthly average	141	126	85	80	48	185	100	59	231	100	
1920 monthly average	192	208	129	90	55	152	122	84	349	153	
1921 monthly average	236	237	169	61	56	110	125	71	609	423	
1922 monthly average	223	226	151	83	70	99	153	78	411	571	100
1923 monthly average	407	501	224	112	84	111	163	69	618	678	180
1922											
January	198	198	151	None.	None.	78	141	1	628	700	19
February	206	208	151	None.	None.	103	141	1	136	700	27
March	236	252	157	None.	None.	133	165	25	352	645	63
April	257	274	162	6	None.	96	162	72	316	651	43
May	284	334	174	33	42	61	174	151	839	790	72
June	240	264	146	81	61	70	132	144	427	795	92
July	297	264	200	103	61	79	140	181	679	819	70
August	286	309	183	103	86	85	152	83	380	597	84
September	279	298	203	110	76	96	149	74	291	250	171
October	355	356	236	113	77	118	152	80	119	276	201
November	350	357	206	95	91	130	149	87	316	170	194
December	377	483	242	18	None.	138	177	31	425	456	162
1923											
January	391	425	222	None.	None.	148	156	None.	None.	427	112
February	384	526	205	None.	None.	116	151	None.	None.	608	63
March	476	641	212	None.	None.	170	182	10	32	632	168
April	537	753	278	None.	None.	106	168	100	684	690	179
May	555	824	249	107	62	134	170	97	968	888	201
June	515	772	253	138	74	98	143	89	845	953	210
July	574	853	219	144	75	104	171	96	822	507	215
August	532	827	203	144	150	99	154	88	1,194	921	316
September	532	750	243	128	71	76	171	76	692	625	189
October	522	783	236	130	94	80	171	107	419	632	183
November	545	785	261	107	62	127	166	102	456	610	217
December	613	786	340	None.	None.	74	173	57	688	593	164
1924											
January	596	778	322	None.	None.		173	None.	None.	941	82
February	551	741	277	None.	None.		174	None.	None.	919	112
March	558	752	274	None.	None.		195	23	538	849	162
April	530	711	286	16	None.		193	91	516	934	138
May	578	732	344	99			182				203
June	497	635	291	111							168
July				112							
August											
September											
October											
November											
December											

See footnote on opposite page also.

¹ Panama Canal traffic, reported by the *Panama Canal*, represents tonnage of cargo carried by commercial vessels. Yearly figures refer to fiscal years ending June 30.
² Traffic through the Sault Ste. Marie Canals, including both the American and Canadian canals, reported by *U. S. War Department, Engineer Corps*. Monthly averages for each year are for eight months during which the canals are usually open—that is, the yearly totals are divided by eight in order to present a figure fairly comparative with current monthly movements.
³ Traffic through New York State canals from *New York State Superintendent of Public Works*. About two-thirds of this traffic goes through the Erie Canal and one-third through the Champlain Canal. Monthly averages for each year are for the seven months during which the canals are usually open.
⁴ Cape Cod Canal traffic from the *Boston, Cape Cod & New York Canal Co.* The average for 1916 is an average of nine months.
⁵ Suez Canal traffic from *Le Canal de Suez*.
⁶ Receipts and shipments of cargo by river at St. Louis (almost all by the Mississippi River) are from the *Merchants Exchange of St. Louis*.
⁷ Cargo tonnage on Government-owned barge line on the Mississippi River between St. Louis and New Orleans from *U. S. War Department, Mississippi-Warrior Service*.

Table 110.—RIVER AND CANAL CARGO TRAFFIC

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	CANALS							RIVERS			
	Panama ¹			Sault Ste. Marie ²	New York State ³	Cape Cod ⁴	Suez ⁵	Mississippi			Ohio
	Total	In American vessels	In British vessels					Receipts at St. Louis ⁶	Shipments from St. Louis ⁶	Government-owned barges ⁷	Pittsburgh to Wheeling ⁸
				Long tons	Thousands of short tons	Tons	Thous. of metric tons					Tons
1913 monthly average.....				9,965	373			17,594	3,965		
1914 monthly average.....				6,921	297			8,738	4,078		
1915 monthly average.....	407,371	182,325	183,376	8,911	265			7,414	4,437		
1916 monthly average.....	257,843	70,738	130,888	11,486	232	104,285		7,883	4,750		
1917 monthly average.....	588,214	122,977	262,813	11,227	185	66,555		6,923	5,609		
1918 monthly average.....	627,669	174,856	217,973	10,710	166	120,625		5,038	5,754		
1919 monthly average.....	576,385	229,907	156,412	8,529	177	192,450	1,164	10,449	9,174	8,731	
1920 monthly average.....	781,208	378,928	233,856	9,910	203	158,000	1,421	14,127	13,845	13,392	
1921 monthly average.....	961,601	431,613	310,161	6,032	268	114,406	1,459	12,548	24,133	36,939	
1922 monthly average.....	907,078	412,543	277,488	8,259	262	103,226	1,780	13,637	16,313	49,841	288,766
1923 monthly average.....	1,630,409	912,857	410,762	11,293	312	115,788	1,598	12,075	21,495	59,203	538,380
1922											
January.....	807,298	360,282	277,293	None.	None.	81,509	1,643	130	24,590	61,144	58,170
February.....	838,074	350,129	276,073	None.	None.	107,832	1,645	100	5,495	61,127	82,087
March.....	960,089	459,264	287,319	None.	None.	138,554	1,916	4,365	13,910	56,329	189,388
April.....	1,048,047	498,862	297,169	639	None.	100,111	1,884	12,680	13,725	56,871	127,699
May.....	1,158,507	608,539	318,813	3,317	157	68,873	2,029	26,525	33,250	69,000	214,542
June.....	977,597	490,466	268,475	8,066	227	73,395	1,535	25,415	16,935	69,415	274,158
July.....	1,211,100	481,625	366,476	10,235	226	82,542	1,635	31,890	26,920	71,545	210,209
August.....	1,165,950	563,512	335,516	10,286	321	88,258	1,773	14,650	15,055	52,125	252,188
September.....	1,138,188	542,639	371,801	10,986	281	99,967	1,732	13,075	11,530	21,786	511,429
October.....	1,445,863	649,367	432,190	11,233	287	123,207	1,773	14,055	4,720	21,134	601,749
November.....	1,426,860	651,015	378,635	9,468	338	135,096	1,736	15,290	12,535	14,837	579,775
December.....	1,535,102	880,831	443,471	1,838	None.	144,377	2,060	5,495	16,855	39,779	483,803
1923											
January.....	1,591,932	775,339	407,170	None.	None.	154,101	1,811	None.	None.	37,316	334,429
February.....	1,563,278	959,293	376,279	None.	None.	120,721	1,754	None.	None.	53,086	201,830
March.....	1,640,923	1,167,802	388,060	None.	None.	177,120	2,120	1,790	1,285	59,551	324,267
April.....	2,187,145	1,372,595	509,903	None.	None.	110,901	1,957	17,605	27,135	60,262	536,010
May.....	2,262,116	1,502,000	456,450	10,645	231	140,015	1,976	17,035	38,350	77,546	601,619
June.....	2,095,446	1,408,264	463,096	13,750	276	101,771	1,668	15,685	33,505	83,208	627,130
July.....	2,337,784	1,555,692	401,292	14,389	278	108,472	1,985	16,975	32,600	44,303	641,431
August.....	2,168,750	1,507,308	381,007	14,353	557	103,597	1,793	15,475	47,595	80,399	942,870
September.....	2,168,703	1,384,369	446,135	12,776	265	79,665	1,784	13,450	27,455	54,543	565,142
October.....	2,127,567	1,428,139	432,267	13,003	348	82,998	1,985	18,885	16,615	55,210	547,931
November.....	2,218,295	1,431,421	478,830	10,706	229	132,834	1,930	18,025	18,050	53,271	648,594
December.....	2,494,634	1,431,650	624,367	None.	None.	77,262	2,009	9,975	27,290	51,706	490,272
1924											
January.....	2,427,332	1,401,908	589,988	None.	None.		2,017	None.	2,700	82,179	246,033
February.....	2,243,616	1,351,116	507,425	None.	None.		2,030	None.	None.	80,229	335,451
March.....	2,272,472	1,372,894	503,068	None.	None.		2,268	4,050	21,325	74,117	483,280
April.....	2,158,721	1,206,415	523,904	1,610			2,241	15,975	20,465	81,528	411,499
May.....	2,353,956	1,334,499	630,247	9,873			2,115				666,667
June.....	2,022,850	1,168,094	533,242	11,077							501,075
July.....				11,139							
August.....											
September.....											
October.....											
November.....											
December.....											

See footnotes on opposite page also.

¹ Data on Ohio River commerce from the U. S. War Department, Engineer Corps, represent total cargo traffic between Pittsburgh and Lock and Dam 11, located near Weillsburg and Wheeling, W. Va. The total of 3,585,188 short tons shown for the months of 1922, from which the average is computed, does not include the annual total of 1,327,199 short tons not shown separately by months, the total movement for 1922 being 4,912,387. Data are available from 1910 to 1914 for traffic between Pittsburgh and Lock No. 6 (near Beaver, Pa.), and from 1915 to 1921 between Pittsburgh and Lock No. 10 (near Steubenville, Ohio). Traffic between Pittsburgh and Lock 10 amounted to 4,733,620 short tons in 1920 and 2,840,978 in 1921.

Table 111.—FREIGHT-CAR MOVEMENT

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	SURPLUS ¹			SHORTAGE ²			LOADINGS ¹						BAD-ORDER CARS ³		
	Box cars	Coal cars	Total cars ²	Box cars	Coal cars	Total cars ²	Grain and grain products	Livestock	Coal	Forest products	Ore	Merchandise L. C. L. and miscellaneous	Total ⁴	Total, end of month	Per cent to total in use
	Relative to 1919													Relative to 1913	
1916 monthly av.														86	90
1917 monthly av.	8		12	347		467								89	87
1918 monthly av.	36		36	153		217								94	87
1919 monthly av.	100	100	100	100	100	100	100	100	100	100	100	100	100	111	103
1920 monthly av.	19	3	13	227	616	339	91	91	120	103	124	166	108	109	107
1921 monthly av.	156	204	179	6	11	8	113	87	92	84	47	99	94	209	204
1922 monthly av.	58	120	87	140	377	213	121	95	88	98	82	111	103	198	196
1923 monthly av.	41	31	37	66	322	115	112	104	114	126	130	122	119	122	118
1921															
September	51	130	91	13	3	15	166	103	112	94	89	128	121	239	232
October	28	43	42	23	103	46	119	103	111	85	53	112	107	227	221
November	139	176	149	1	None.	1	187	87	89	79	21	94	88	210	206
December	233	293	248	(⁵)	1	(⁵)	124	101	92	90	17	105	93	206	201
1922															
January	161	193	175	3	1	3	114	88	89	75	10	79	80	217	213
February	116	129	129	2	2	2	120	81	105	81	10	85	87	220	216
March	108	96	109	1	2	2	122	95	137	106	16	121	117	210	206
April	115	311	196	2	9	3	77	75	41	90	24	102	82	216	212
May	85	259	161	6	10	7	100	82	48	98	41	107	89	224	221
June	73	195	126	7	75	20	116	101	68	124	160	136	119	213	210
July	26	174	92	87	153	103	118	74	45	88	138	106	93	226	225
August	5	72	37	89	329	243	133	81	52	92	156	108	93	211	207
September	(⁵)	5	3	350	927	539	152	121	117	114	167	137	133	191	188
October	(⁵)	2	2	479	1,126	741	122	113	108	96	116	115	112	164	162
November	1	3	3	355	1,020	553	126	111	110	109	83	112	110	148	146
December	6	5	8	202	870	343	149	117	133	115	31	120	119	142	132
1923															
January	8	10	14	141	916	303	113	95	111	107	26	95	97	137	124
February	3	6	8	178	923	334	95	88	107	106	24	98	96	141	128
March	4	5	7	162	697	285	122	108	135	151	40	138	131	135	119
April	6	4	7	73	420	146	91	87	103	125	48	116	108	138	126
May	19	5	17	16	271	67	80	87	105	123	145	117	113	139	136
June	42	6	31	11	190	49	101	105	133	156	212	143	143	125	135
July	67	9	40	14	114	40	101	85	107	113	204	111	113	124	122
August	62	5	35	13	116	39	122	92	109	123	200	116	118	115	113
September	37	7	22	36	130	63	151	139	131	149	229	152	150	99	99
October	18	10	13	21	73	51	117	122	110	119	132	123	124	99	97
November	66	107	81	2	14	6	116	118	103	120	103	122	116	102	100
December	158	198	165	(⁵)	1	1	134	123	115	121	33	125	119	104	101
1924															
January	91	89	89	9	45	19	102	101	111	103	20	96	96	106	104
February	63	75	71	6	59	17	117	93	110	129	23	105	104	110	110
March	99	180	131	(⁵)	3	1	127	108	122	164	35	142	132	113	112
April	124	255	174	(⁵)	2	(⁵)	87	82	72	123	43	115	100	118	116
May	162	223	179	(⁵)	(⁵)	(⁵)	95	89	77	120	123	114	105	124	122
June	187	215	188	(⁵)	(⁵)	(⁵)	111	103	97	138	181	136	128	129	125
July							103	76	77	97	136	109	101		
August															
September															
October															
November															
December															

¹ Data from the *American Railway Association*. Daily average for the last period (7 or 8 days) of the month, exclusive of Canadian roads. The Association reports the number of freight cars which are idle (surplus) and also the number of requests for cars which can not be filled (shortage). The difference between these two figures represents the net freight-car situation for the country as a whole. The car shortages can not ordinarily be filled from the idle cars because of the uneven geographical distribution of the latter.

² Compiled by the *Bureau of Railway Economics* from reports of the *American Railway Association, Car Service Division*. These figures are now put on a monthly basis from weekly reports, consisting of exactly four weeks for each month, except in March, June, September, and December, which cover five weeks each year.

See footnotes on opposite page also.

Table 111.—FREIGHT-CAR MOVEMENT

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	SURPLUS ¹			SHORTAGE ²			LOADINGS ³							BAD-ORDER CARS ⁴	
	Box cars	Coal cars	Total cars ⁵	Box cars	Coal cars	Total cars ⁵	Grain and grain products	Live-stock	Coal	Forest products	Ore	Merchandise L. C. L. and miscellaneous	Total ⁶	Total, end of month	Per cent to total in use
	Relative to 1919													Relative to 1913	
1916 monthly av.														86	90
1917 monthly av.	8		12	347		467								89	87
1918 monthly av.	36		36	153		217								94	87
1919 monthly av.	100	100	100	100	100	100	100	100	100	100	100	100	100	111	103
1920 monthly av.	19	3	13	227	616	339	91	91	120	103	124	106	108	109	107
1921 monthly av.	166	204	179	6	11	8	113	87	92	84	47	99	94	209	204
1922 monthly av.	58	120	87	140	377	213	121	95	88	98	82	111	103	198	196
1923 monthly av.	41	31	37	66	322	115	112	104	114	126	120	122	119	122	118
1921															
September	51	130	91	13	3	15	166	103	112	94	89	128	121	239	232
October	28	43	42	28	103	46	119	103	111	85	53	112	107	227	221
November	139	176	149	1	None.	1	187	87	89	79	31	94	88	210	206
December	233	293	218	(⁷)	1	(⁷)	124	101	92	90	17	105	98	206	201
1922															
January	161	193	175	3	1	3	114	88	89	75	10	79	80	217	213
February	116	129	129	2	2	2	120	81	105	81	10	85	87	220	216
March	108	96	109	1	2	2	122	95	137	106	16	121	117	210	206
April	115	311	196	2	9	3	77	75	41	90	24	102	82	215	212
May	85	259	161	6	10	7	100	82	48	98	41	107	89	224	221
June	73	195	126	7	75	20	116	101	68	124	160	136	119	213	210
July	26	174	92	87	153	103	118	74	45	88	139	106	93	226	225
August	5	72	37	89	329	243	133	81	52	92	166	108	98	211	207
September	(⁷)	5	3	350	927	539	152	121	117	114	167	137	133	191	188
October	(⁷)	2	2	479	1,126	741	122	113	108	96	116	115	112	164	162
November	1	3	3	355	1,020	553	126	111	110	169	83	112	110	148	146
December	6	6	8	202	870	343	149	117	133	115	31	120	119	142	132
1923															
January	8	10	14	141	916	303	113	95	111	107	26	95	97	137	124
February	3	6	8	178	923	334	95	88	107	106	24	98	96	141	128
March	4	5	7	162	697	285	122	103	135	151	40	138	131	135	119
April	6	4	7	73	420	146	91	87	103	125	48	116	108	138	126
May	19	5	17	16	271	67	80	87	105	123	115	117	113	139	138
June	42	6	31	11	190	49	101	105	133	156	212	143	143	125	135
July	67	9	40	14	114	40	101	85	107	113	204	111	113	124	122
August	62	5	35	13	116	39	122	92	109	123	209	116	118	115	113
September	37	7	22	36	130	63	151	139	131	149	229	152	150	99	99
October	18	10	13	21	73	51	117	122	110	119	132	128	124	99	97
November	66	107	81	2	14	6	116	118	103	120	103	122	116	102	100
December	158	193	165	(⁷)	1	1	134	123	115	121	33	125	119	104	101
1924															
January	91	89	89	9	45	19	102	101	111	103	20	96	96	106	104
February	63	75	71	6	59	17	117	93	110	129	23	105	104	110	110
March	99	180	131	(⁷)	3	1	127	108	122	164	35	142	132	113	112
April	124	255	174	(⁷)	2	(⁷)	87	82	72	123	43	115	100	118	116
May	162	223	179	(⁷)	(⁷)	(⁷)	95	89	77	120	123	114	105	124	122
June	187	215	188	(⁷)	(⁷)	(⁷)	111	103	97	138	181	136	128	129	125
July							103	76	77	97	136	109	101		
August															
September															
October															
November															
December															

¹ Data from the American Railway Association. Daily average for the last period (7 or 8 days) of the month, exclusive of Canadian roads. The Association reports the number of freight cars which are idle (surplus) and also the number of requests for cars which can not be filled (shortage). The difference between these two figures represents the net freight-car situation for the country as a whole. The car shortages can not ordinarily be filled from the idle cars because of the uneven geographical distribution of the latter.

² Compiled by the Bureau of Railway Economics from reports of the American Railway Association, Car Service Division. These figures are now put on a monthly basis from weekly reports, consisting of exactly four weeks for each month, except in March, June, September, and December, which cover five weeks each year.

Table 112.—FREIGHT-CAR MOVEMENT

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	SURPLUS ¹			SHORTAGE ¹			LOADINGS							BAD-ORDER CARS ²	
	Box cars	Coal cars	Total cars ³	Box cars	Coal cars	Total cars ³	Grain and grain products	Livestock	Coal	Forest products	Ore	Merchandise L. C. L., and miscellaneous	Total	Total, end of month	Per cent to total in use
	Number of cars															Per cent
1916 mon. av.														130,637	6.1
1917 mon. av.	6,437		23,592	65,901		112,934								134,900	5.9
1918 mon. av.	29,251		68,080	28,904		52,360								142,790	5.9
1919 mon. av.	82,135	75,605	189,396	18,991	4,200	24,174	169,256	142,874	747,394	247,321	161,868	2,014,617	3,496,409	168,973	7.0
1920 mon. av.	15,965	1,981	24,194	43,148	25,868	82,056	153,585	129,452	894,180	254,861	200,853	2,126,994	3,759,873	166,779	7.3
1921 mon. av.	127,982	154,499	339,026	1,146	444	1,896	191,065	121,744	691,016	207,314	75,592	1,987,200	3,276,930	318,880	13.9
1922 mon. av.	47,675	90,897	164,500	26,653	15,852	51,579	204,397	135,508	655,962	213,001	132,524	2,229,238	3,600,630	302,466	13.3
1923 mon. av.	33,634	23,367	69,650	10,566	13,527	27,873	189,738	148,800	851,999	311,890	194,300	2,452,816	4,150,368	185,343	8.0
1921															
September	42,093	98,048	172,420	2,478	142	3,621	280,541	147,819	837,631	232,311	144,019	2,569,543	4,211,864	364,372	15.8
October	22,628	33,643	80,203	5,301	4,339	11,219	200,957	146,452	830,650	210,166	86,268	2,251,912	3,726,405	345,201	15.0
November	113,874	132,692	282,926	264	None.	302	147,305	124,660	664,196	196,106	33,973	1,890,941	3,057,181	320,292	14.0
December	191,707	221,614	470,516	24	37	110	209,876	144,047	684,097	221,661	27,071	2,117,673	3,404,425	313,190	13.7
1922															
January	132,174	145,913	330,681	546	36	642	192,332	125,114	664,301	185,856	16,825	1,600,691	2,785,119	331,050	14.5
February	95,361	97,634	245,100	373	100	599	203,946	115,318	830,650	199,283	16,566	1,708,608	3,027,886	334,628	14.7
March	88,491	72,566	206,746	255	77	423	205,702	135,310	1,022,584	261,192	26,515	2,436,829	4,088,132	320,083	14.0
April	94,653	255,077	371,538	369	374	842	130,417	107,700	304,321	223,555	38,907	2,068,516	2,863,416	327,704	14.4
May	69,714	195,439	305,198	1,094	423	1,714	169,956	116,966	361,147	241,738	65,678	2,146,639	3,102,124	340,822	15.0
June	60,101	147,558	239,225	1,397	3,148	4,803	196,683	144,216	509,409	306,465	238,679	2,738,038	4,153,590	321,583	14.3
July	21,367	131,267	174,927	16,550	6,633	24,793	199,404	105,834	334,926	217,630	255,167	2,139,146	3,252,107	345,013	15.3
August	3,850	54,566	70,455	35,819	13,835	58,670	225,231	116,314	387,434	228,257	269,197	2,185,088	3,411,521	321,674	14.1
September	201	3,486	5,843	66,529	38,954	130,325	256,681	173,110	877,848	283,015	270,422	2,762,127	4,623,203	291,654	12.8
October	265	1,584	3,716	91,039	47,273	179,239	206,567	161,123	809,352	236,612	187,274	2,312,118	3,913,046	249,960	11.0
November	859	2,026	5,695	67,468	42,848	133,786	213,893	158,391	524,532	246,808	134,923	2,249,696	3,828,243	226,288	9.9
December	5,062	3,651	14,981	38,397	36,525	82,927	251,952	166,700	991,663	285,602	60,198	2,413,059	4,159,174	216,011	9.0
1923															
January	6,976	7,208	26,588	26,815	38,477	73,269	191,559	136,196	828,194	264,952	42,333	1,910,681	3,373,965	269,471	8.5
February	2,739	4,845	15,819	33,857	38,771	80,633	161,379	125,998	802,622	262,280	38,312	1,971,008	3,361,599	215,552	8.7
March	3,266	3,785	14,196	30,849	29,251	68,956	206,814	153,738	1,007,049	374,451	65,257	2,773,867	4,581,176	206,312	8.1
April	4,654	2,849	13,556	13,940	17,634	35,282	153,643	124,039	769,667	308,753	77,703	2,330,461	3,764,266	210,505	8.6
May	15,670	3,953	32,443	2,974	11,392	16,277	135,592	123,867	785,368	303,567	234,745	2,391,069	3,944,209	211,766	9.4
June	34,753	4,269	58,671	2,054	7,976	11,896	171,718	150,513	991,546	385,392	391,612	2,886,372	4,977,053	190,411	9.2
July	55,063	6,546	76,453	2,733	4,774	9,570	170,919	122,151	796,830	279,551	330,834	2,244,101	3,914,386	189,014	8.3
August	50,935	3,922	66,550	2,518	4,891	0,441	206,491	131,850	813,431	304,789	324,013	2,331,391	4,111,965	175,327	7.7
September	30,527	5,651	41,745	6,776	5,439	15,331	255,650	198,077	982,422	367,415	371,247	3,064,604	5,299,715	161,332	6.7
October	15,116	7,205	24,477	3,943	3,068	12,336	198,516	174,929	820,953	295,347	245,433	2,575,816	4,310,994	150,621	6.6
November	53,962	80,756	153,057	319	605	1,336	196,995	168,338	768,719	297,299	165,930	2,456,524	4,053,805	155,626	6.8
December	129,963	149,409	312,338	18	21	123	227,577	175,905	857,191	298,878	54,129	2,527,600	4,141,250	158,175	6.9
1924															
January	74,415	67,578	169,036	1,678	1,894	4,598	172,473	144,862	827,090	254,614	32,973	1,930,094	3,362,136	161,569	7.1
February	51,398	66,618	134,273	1,076	2,475	3,991	197,655	132,538	810,595	317,976	37,568	2,112,100	3,617,432	168,782	7.5
March	81,342	135,976	248,301	157	105	364	214,699	154,572	909,917	405,777	56,840	2,865,895	4,607,709	172,747	7.6
April	101,648	193,061	329,489	42	97	177	148,097	117,314	538,640	304,975	70,242	2,819,942	3,499,210	179,275	7.9
May	133,216	168,913	338,526	43	17	151	160,351	126,999	574,784	296,574	199,250	2,296,859	3,654,847	189,219	8.3
June	153,550	162,343	356,389	64	3	98	188,260	147,643	725,338	340,599	293,776	2,749,760	4,145,376	194,899	8.5
July							174,337	107,971	577,602	238,707	220,704	2,197,179	3,523,500		
August															
September															
October															
November															
December															

See footnotes on opposite page also.

¹ Includes other classes than groups listed.
² Index number less than 1.
³ Number of railroad freight cars in need of repairs at end of each month, from the American Railway Association. Note that 1913 is the base year having a monthly average of 152,396 cars in need of repairs, or 6.8 per cent of the total in use.

Table 113.—RAILWAY OPERATIONS ¹

[Base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	LOCOMOTIVES IN BAD ORDER (end of month)		REVENUES			TOTAL OPERATING EXPENSES	NET OPERATING INCOME ²		NET TON-MILE OPERATION		PASSENGER-MILE OPERATION	THE PULLMAN CO.	EXPRESS EARNINGS	
	Total end of month	Per ct. in total use	Freight	Passenger	Total operating		Total	Per cent on valuation	Tons carried 1 mile	Receipts per ton-mile	Passengers carried 1 mile	Passengers carried	Total operating revenues	Operating income
	Relative to 1919		Relative to 1913										Relative to 1919	
1913 mo. av.			100	100	100	100	100	100	100	100	100	100		
1914 mo. av.			94	94	95	96	89	81	96	100	102	105		
1915 mo. av.			101	93	101	95	117	82	92	100	129	98		
1916 mo. av.			121	102	118	100	146	120	144	99	102	112		
1917 mo. av.			133	120	132	131	136	102	128	100	117	130		
1918 mo. av.			163	150	161	184	96	68	133	118	126	116		
1919 mo. av.			168	171	169	203	72	48	121	135	137	150	100	100
1920 mo. av.			204	186	203	207	8	2	137	146	138	158	129	173
1921 mo. av.	100	100	185	167	182	211	86	60	105	177	110	126	124	12
1922 mo. av.	109	110	189	156	184	204	108	81	115	164	102	128	103	6
1923 mo. av.	78	79	218	166	207	227	136	100	139	155	112	138	107	5
1922														
January	102	102	157	146	155	180	49	53	99	162	96	118	104	5
February	105	105	167	128	157	179	80	91	104	160	85	102	104	5
March	101	105	200	140	186	199	139	116	120	167	92	114	107	5
April	104	105	163	145	163	185	83	78	90	180	96	119	103	4
May	101	101	181	149	176	196	104	86	102	177	100	124	108	4
June	93	93	188	167	186	200	127	95	106	174	116	144	105	5
July	116	118	169	175	174	188	116	60	99	168	124	140	103	5
August	128	129	185	176	186	213	87	62	111	162	124	148	69	7
September	127	128	201	169	196	225	98	56	126	156	114	144	106	8
October	118	119	230	157	216	236	142	79	144	157	105	131	107	9
November	116	116	220	147	205	223	139	87	139	156	98	118	108	5
December	100	100	206	171	201	223	132	100	132	154	110	132	113	5
1923														
January	99	100	208	158	197	225	102	108	138	150	104	130	103	5
February	99	99	185	138	175	207	66	72	119	154	91	112	103	6
March	93	93	225	153	210	230	140	113	143	157	100	127	108	6
April	91	92	218	153	205	222	139	126	140	154	101	129	107	3
May	82	83	229	156	215	231	150	123	145	156	104	129	110	6
June	74	75	219	170	212	229	146	106	139	157	122	153	108	3
July	74	75	214	187	210	228	141	96	141	152	133	152	107	2
August	68	69	227	196	217	235	164	96	148	154	138	167	112	4
September	63	64	221	184	214	229	154	87	144	153	126	158	112	4
October	65	66	250	163	230	245	172	93	154	160	109	137	115	5
November	65	68	224	151	208	224	144	93	140	158	100	123	112	4
December	67	67	195	176	194	214	116	86	122	150	114	136	84	12
1924														
January	69	70	189	159	184	212	86	85	126	151	105	131	104	4
February	73	73	199	145	188	206	119	121	132	152	96	120	103	2
March	74	75	210	151	198	215	134		133	156		127	106	5
April	74	74	194	148	186	208	103		117	164		129	100	4
May	70	70	195	149	187	210	101					130		
June	71	71							117			150		
July														
August														
September														
October														
November														
December														

See footnotes on opposite page also.

¹ Data on locomotives in bad order for period 1916 to May, 1918, from Bureau of Railway Economics, from June, 1918, to February, 1920, from the U. S. Railroad Administration and since February, 1920, from the American Railway Association; data on revenues and expenses, from the Interstate Commerce Commission, represent Class I roads, those having annual operating revenues in excess of \$1,000,000; data on ton-mile and passenger-mile operation and percentage of net operating income on tentative valuation are from the Bureau of Railway Economics; Pullman passenger traffic furnished by The Pullman Co.; express earnings are reports of the American Railway Express Co. to the Interstate Commerce Commission, to which are added reports of the Southeastern Express Co. from the time of its organization in May, 1921.

Table 114.—RAILWAY OPERATIONS ¹

(Base year in bold-faced type; relative numbers on opposite page)

YEAR AND MONTH	LOCOMOTIVES IN BAD ORDER (end of month)		REVENUES			TOTAL OPERATING EXPENSES	NET OPERATING INCOME ¹		NET TON-MILE OPERATION		PASSENGER-MILE OPERATION	THE PULLMAN CO.	EXPRESS EARNINGS													
	Total, end of mo.	Per ct. in total use	Freight	Passenger	Total operating		Total	Per ct. on valuation	Tons carried 1 mile	Receipts per ton-mile	Passengers carried 1 mile	Passengers carried	Total operating revenues	Operating income												
															Thousands of dollars					Per cent	Thousands of tons	Cents	Thousands	Number	Thousands of dollars	
1913 monthly av.			\$176,916	\$57,643	\$255,139	\$131,733	\$53,990	5.15	27,338,294	0.719	2,822,923	2,072,018														
1914 monthly av.			165,943	54,230	241,608	173,916	53,451	4.17	26,163,146	.723	2,880,592	2,182,396														
1915 monthly av.			178,864	53,798	256,630	171,926	70,692	4.20	25,232,298	.722	3,649,161	2,021,039														
1916 monthly av.			214,784	58,980	302,104	193,931	87,265	6.16	31,126,359	.707	2,892,163	2,326,425														
1917 monthly av.			236,177	68,935	337,539	238,184	81,232	5.26	34,912,744	.715	3,289,738	2,691,212														
1918 monthly av.			288,183	86,056	410,549	334,767	57,759	3.51	36,409,976	.849	3,556,382	2,397,260														
1919 monthly av.			296,410	98,334	432,005	368,287	43,024	2.46	33,033,629	.973	3,883,192	3,112,128	\$12,613	\$2,692												
1920 monthly av.			360,304	107,285	518,785	485,861	4,846	0.09	37,411,868	1.052	3,904,056	3,271,232	16,306	3,615												
1921 monthly av.	15,559	24.0	327,328	96,172	464,429	383,651	51,229	3.08	28,729,900	1.275	3,110,759	2,600,416	15,640	260												
1922 monthly av.	17,025	26.4	334,076	89,636	468,291	371,397	64,748	4.18	31,315,580	1.182	2,877,435	2,645,699	13,006	116												
1923 monthly av.	12,212	19.0	386,074	95,642	528,849	411,944	81,523	5.15	38,129,630	1.115	3,166,716	2,854,120	13,441	105												
1922																										
January.....	15,865	24.5	277,102	83,736	395,777	337,632	29,632	2.75	27,150,745	1.165	2,698,888	2,444,584	13,131	95												
February.....	16,297	25.2	294,630	73,621	401,577	324,572	47,702	4.68	28,450,913	1.153	2,396,439	2,111,766	13,132	113												
March.....	16,165	25.1	354,306	80,563	475,247	361,163	83,483	5.96	32,940,999	1.199	2,592,731	2,356,701	13,410	103												
April.....	16,223	25.1	288,900	83,457	417,140	383,425	49,974	4.01	24,735,011	1.292	2,701,720	2,461,456	12,930	82												
May.....	15,765	24.3	310,615	85,531	449,443	355,599	62,147	4.45	27,939,810	1.272	2,821,701	2,561,599	13,583	80												
June.....	14,412	22.4	331,932	96,044	474,034	364,279	76,271	4.88	29,061,749	1.251	2,269,479	2,066,541	13,272	103												
July.....	15,078	23.2	290,566	100,694	443,840	341,051	69,391	4.12	27,115,331	1.210	3,495,000	2,890,939	12,991	103												
August.....	19,841	30.9	326,520	101,560	474,087	387,370	52,205	2.70	30,472,171	1.168	3,504,000	3,063,092	8,644	151												
September.....	19,728	30.6	355,933	97,530	500,683	408,913	58,678	2.99	34,334,060	1.121	3,221,000	2,990,265	13,403	168												
October.....	18,366	28.5	406,380	90,170	550,280	429,078	85,137	4.05	39,236,854	1.126	2,956,538	2,716,144	13,543	197												
November.....	18,009	27.9	389,911	84,829	523,608	405,845	83,223	4.46	38,077,040	1.119	2,759,939	2,440,127	13,672	95												
December.....	15,549	24.1	361,106	93,464	513,576	404,898	79,155	5.15	36,270,510	1.109	3,111,789	2,725,171	14,275	99												
1923																										
January.....	15,412	23.9	367,026	91,137	502,542	408,978	61,129	5.56	37,706,628	1.078	2,933,269	2,688,993	12,993	105												
February.....	15,366	23.8	326,836	79,135	446,949	376,007	39,275	3.73	32,630,356	1.107	2,566,616	2,313,420	12,941	125												
March.....	14,432	22.4	398,760	88,252	535,829	417,927	84,124	5.84	30,221,784	1.127	2,827,499	2,636,742	13,623	129												
April.....	14,131	22.0	386,206	87,842	523,304	404,148	63,515	6.50	38,321,148	1.106	2,851,000	2,682,102	13,547	66												
May.....	12,683	19.9	405,462	89,936	548,113	421,390	90,321	6.33	39,597,645	1.123	2,999,623	2,670,101	13,842	127												
June.....	11,450	18.0	387,343	102,851	541,266	417,011	87,624	5.47	38,000,994	1.128	3,505,079	3,172,053	13,639	67												
July.....	11,555	18.1	379,048	107,519	535,814	414,820	84,615	4.93	38,513,263	1.096	3,748,638	3,157,367	13,522	48												
August.....	10,517	16.5	402,231	113,039	554,559	427,783	98,343	4.94	40,354,648	1.108	3,583,297	3,456,081	14,123	82												
September.....	9,823	15.3	390,508	105,936	545,503	415,933	92,238	4.46	39,449,126	1.100	3,551,653	3,268,102	14,092	74												
October.....	10,112	15.8	441,661	93,778	587,867	445,565	102,934	4.79	42,209,395	1.150	3,080,280	2,836,671	14,446	105												
November.....	10,572	16.4	395,599	87,163	531,508	406,582	86,131	4.77	38,159,219	1.133	2,832,868	2,550,935	14,177	90												
December.....	10,475	16.1	344,138	101,095	491,464	388,149	69,695	4.44	33,418,557	1.122	3,220,171	2,816,878	10,593	242												
1924																										
January.....	10,791	16.8	333,576	91,730	468,977	384,984	51,281	4.38	34,514,003	1.086	2,966,332	2,723,731	13,109	89												
February.....	11,304	17.5	352,443	83,363	478,914	374,700	71,192	6.28	35,962,421	1.094	2,704,503	2,482,588	12,957	51												
March.....	11,558	17.9	371,644	87,148	505,125	390,274	80,240		36,420,962	1.125		2,640,858	13,310	102												
April.....	11,440	17.8	342,783	85,196	474,822	377,692	61,822		31,900,104	1.176		2,650,993	13,348	84												
May.....	10,875	16.9	344,711	85,606	477,438	381,402	60,654		33,890,623			2,685,281														
June.....	11,034	17.1							31,950,000			3,117,607														
July.....																										
August.....																										
September.....																										
October.....																										
November.....																										
December.....																										

See footnotes on opposite page also.

¹ Net railway operating income includes net operating revenue (equal to the difference between total operating revenue and total operating expenses) from which there have been deducted railway tax accruals, uncollectible railway revenues, equipment and joint facility rents

² Fiscal year ending June 30 of year indicated.

³ These figures are from Interstate Commerce Commission reports.

Table 115.—PUBLIC UTILITIES ¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	TELEPHONE COMPANIES		TELEGRAPH COMPANIES			GAS AND ELECTRIC COMPANIES		CENTRAL ELECTRIC POWER STATIONS							
	Total operating revenues	Net operating income	Commercial telegraph tolls	Telegraph and cable operating revenue	Operating income	Gross earnings	Net earnings	Gross revenue, sales ²	Fuel consumed			Energy produced			
									Coal	Oil	Gas	Total	By water power	By fuels	
	Relative to 1913		Relative to 1919			Relative to 1913		Relative to 1919							
1913 monthly average.....	100	100				100	100	100							
1914 monthly average.....	104	100				104	103	103							
1915 monthly average.....	111	112				107	109	116							
1916 monthly average.....	125	129				121	124	136							
1917 monthly average.....	142	127	78	76	105	135	121	173							
1918 monthly average.....	154	125	83	84	78	149	121	213							
1919 monthly average.....	188	138	100	100	100	173	135	231	100	100	100	100	100	100	100
1920 monthly average.....	231	146	120	116	88	208	141	283	106	119	115	112	111	113	
1921 monthly average.....	276	204	106	103	77	215	167	312	90	109	111	106	102	108	
1922 monthly average.....	306	239	111	105	104	228	187	349	97	119	127	123	118	125	
1923 monthly average.....	336	270	119	110	93	253	229	407	111	132	147	144	134	149	
1922															
January.....	291	220	98	95	64	241	220	332	101	120	92	117	106	124	
February.....	282	218	91	88	54	223	203	349	89	108	90	107	100	111	
March.....	360	244	107	102	100	230	201	348	93	103	90	118	121	116	
April.....	305	250	102	97	78	223	196	322	84	89	104	111	122	104	
May.....	365	243	113	108	123	222	181	315	84	93	124	118	135	107	
June.....	307	246	115	109	128	215	165	314	85	100	131	118	130	111	
July.....	304	217	168	103	83	210	147	313	88	110	146	119	128	114	
August.....	309	231	120	113	119	214	132	331	96	142	171	126	123	127	
September.....	312	245	122	114	128	219	161	340	99	148	175	125	116	130	
October.....	310	273	126	117	129	237	171	369	112	142	150	134	111	147	
November.....	317	236	114	108	100	247	215	394	115	135	134	136	112	150	
December.....	324	240	116	107	138	257	220	411	123	142	108	142	116	153	
1923															
January.....	326	266	118	110	120	270	256	432	123	136	118	147	133	155	
February.....	315	362	108	100	86	253	241	402	111	127	102	133	121	141	
March.....	338	299	126	116	108	259	256	401	115	125	127	146	141	148	
April.....	335	275	116	107	92	256	245	394	101	106	129	138	147	133	
May.....	341	271	121	112	93	250	222	381	101	110	154	143	158	135	
June.....	335	252	120	112	100	242	207	381	101	112	160	139	144	136	
July.....	327	224	113	106	70	234	176	375	104	127	178	140	136	142	
August.....	334	231	123	113	100	230	169	379	110	147	189	144	129	153	
September.....	334	246	121	113	102	220	186	398	108	144	179	140	120	151	
October.....	350	269	128	120	118	213	183	420	122	150	162	153	121	172	
November.....	345	268	116	109	92	268	236	452	118	150	124	149	123	165	
December.....	351	274	116	109	90	350	375	466	116	160	141	153	138	162	
1924															
January.....	355	267	116	108	87	314	299	488	125	176	138	160	137	173	
February.....	342	247	111	103	76	304	284	472	114	168	146	149	128	162	
March.....	357	272	117	109	85	306	283	448	111	167	179	154	141	161	
April.....	358	279	116	108	88			429	99	134	158	146	153	142	
May.....	367	277	117	110	92			416	96	131	169	148	161	140	
June.....									92	142	209	141	145	139	
July.....															
August.....															
September.....															
October.....															
November.....															
December.....															

See footnotes on opposite page also.

¹Telephone earnings are the combined reports of 13 largest telephone companies, and telegraph earnings are the combined reports of the Western Union and Postal Telegraph Cos., as reported to the *Interstate Commerce Commission*; gas and electric earnings are the combined reports to the *U. S. Department of Commerce, Bureau of the Census*, of 73 companies or systems operating gas, electric light, heat, power and traction services and comprising most of the largest companies in the United States. Gross earnings are in general the gross operating revenues, while net earnings in general represent the gross less operating expenses and taxes, but owing to a lack of uniformity in the accounts of individual companies, it has not been possible to secure these actual items for each company, and in such cases the nearest comparable figures have been taken. Also in some cases the figures for prior years do not cover exactly the same subsidiaries owing to acquisitions, consolidations, etc., but these differences are not

Table 116.—PUBLIC UTILITIES¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	TELEPHONE COMPANIES		TELEGRAPH COMPANIES			GAS AND ELECTRIC COMPANIES		CENTRAL ELECTRIC POWER STATIONS								
	Total operating revenues	Net operating income	Commercial telegraph tolls	Telegraph and cable operating revenue	Operating income	Gross earnings	Net earnings	Gross revenue sales ²	Fuel consumed			Energy produced				
									Coal	Oil	Gas	Total	By water power	By fuels		
	Thousands of dollars								Short tons	Barrels	M cubic feet	Thousands of kilowatt hours				
1913 monthly av.	\$18,132	\$3,710				\$29,290	\$10,112	\$26,017								
1914 monthly av.	13,722	3,709				30,601	10,434	28,067								
1915 monthly av.	14,527	4,139				31,455	11,011	30,100								
1916 monthly av.	16,452	4,785				35,384	12,565	35,458								
1917 monthly av.	18,700	4,700	\$5,898	\$7,674	\$1,711	39,409	12,226	44,925								
1918 monthly av.	20,225	4,649	6,287	8,477	1,282	43,697	12,195	55,442								
1919 monthly av.	24,635	5,104	7,596	10,095	1,636	50,683	13,608	60,083	2,925,000	920,833	1,793,633	3,243,463	1,217,153	2,026,215		
1920 monthly av.	30,320	5,415	9,113	11,698	1,433	61,056	14,306	73,575	3,093,655	1,093,559	2,058,509	3,629,573	1,315,809	2,283,764		
1921 monthly av.	36,265	7,573	8,043	10,371	1,265	62,933	16,858	81,066	2,631,107	1,001,245	1,977,710	3,439,130	1,215,000	2,194,130		
1922 monthly av.	40,204	8,882	8,435	10,608	1,697	66,842	18,885	90,825	2,849,397	1,099,444	2,264,511	3,975,238	1,437,587	2,537,652		
1923 monthly av.	44,106	10,015	9,027	11,153	1,696	74,219	23,184	105,796	3,239,442	1,218,141	2,621,393	4,660,635	1,634,612	3,026,013		
1922																
January	38,183	8,149	7,451	9,580	1,042	70,504	22,276	99,407	2,953,540	1,108,413	1,633,907	3,805,749	1,293,439	2,512,309		
February	36,993	8,073	6,950	8,932	883	65,306	20,460	90,800	2,593,259	995,826	1,599,967	3,467,840	1,220,922	2,246,924		
March	39,393	9,070	8,117	10,302	1,643	67,339	20,313	90,500	2,722,146	949,952	1,593,961	3,820,812	1,467,832	2,352,980		
April	40,058	9,272	7,766	9,808	1,275	65,226	19,880	83,700	2,456,592	824,097	1,850,180	3,596,520	1,453,303	2,108,215		
May	40,059	9,013	8,620	10,882	2,009	64,933	18,293	82,000	2,471,123	856,173	2,212,847	3,823,591	1,646,674	2,176,917		
June	40,252	9,137	8,744	10,967	2,101	62,943	16,717	81,800	2,486,099	910,960	2,344,788	3,835,430	1,587,943	2,247,487		
July	39,859	8,055	8,198	10,363	1,364	61,370	14,847	81,500	2,563,580	1,010,117	2,606,783	3,871,324	1,556,958	2,314,368		
August	40,572	8,585	9,079	11,381	1,944	62,736	13,344	86,100	2,816,678	1,311,945	3,056,137	4,074,908	1,494,768	2,580,142		
September	40,930	9,092	9,261	11,521	2,090	64,221	16,236	88,500	2,898,986	1,361,387	3,125,059	4,049,204	1,358,292	2,690,912		
October	41,936	10,125	9,564	11,820	2,109	69,552	17,287	96,000	3,275,204	1,308,836	2,833,831	4,332,405	1,352,195	2,979,910		
November	41,691	8,787	8,678	10,885	1,636	72,211	21,721	102,600	3,357,966	1,239,693	2,383,280	4,413,627	1,366,554	3,047,073		
December	42,489	9,246	8,796	10,850	2,205	75,189	22,199	107,000	3,597,590	1,206,930	1,928,396	4,811,446	1,416,500	3,194,696		
1923																
January	42,841	9,879	8,986	11,130	1,961	79,102	25,894	112,300	3,556,807	1,255,973	2,096,496	4,753,326	1,620,311	3,133,515		
February	41,317	13,447	8,166	10,094	1,418	73,961	24,387	104,500	3,248,979	1,165,769	1,823,411	4,324,278	1,467,710	2,856,568		
March	44,324	11,102	9,565	11,699	1,775	75,785	25,837	104,200	3,953,167	1,151,107	2,271,967	4,727,964	1,719,362	3,008,602		
April	43,962	10,212	8,788	10,842	1,469	74,831	24,822	102,400	2,967,037	980,646	2,297,450	4,472,945	1,783,281	2,689,664		
May	44,766	10,056	9,177	11,266	1,518	73,152	22,437	99,000	2,947,534	1,011,558	2,741,470	4,653,358	1,920,414	2,732,944		
June	43,952	9,354	9,147	11,265	1,632	71,024	20,893	99,150	2,952,677	1,035,724	2,860,449	4,523,231	1,758,546	2,764,685		
July	42,999	8,328	8,580	10,700	1,142	68,552	17,836	97,500	3,037,006	1,174,023	3,170,248	4,536,401	1,652,595	2,883,806		
August	43,878	8,579	9,313	11,428	1,634	67,329	17,055	98,600	3,209,040	1,352,339	3,377,973	4,670,030	1,570,160	3,099,870		
September	43,810	9,119	9,174	11,359	1,665	64,419	18,772	103,600	3,168,225	1,326,890	3,195,537	4,534,927	1,465,439	3,069,488		
October	45,979	9,994	9,728	12,096	1,926	62,329	18,494	109,400	3,578,675	1,378,564	2,895,876	4,930,246	1,471,620	3,478,626		
November	45,314	9,945	8,848	10,979	1,605	78,559	23,840	117,700	3,474,152	1,379,281	2,201,140	4,837,590	1,501,349	3,336,181		
December	46,136	10,162	8,848	10,979	1,476	102,530	37,946	121,200	3,394,877	1,472,946	2,513,406	4,956,451	1,680,966	3,275,455		
1924																
January	46,584	9,895	8,839	10,938	1,424	93,064	30,185	126,970	3,664,258	1,618,591	2,454,723	5,189,464	1,675,393	3,514,071		
February	44,963	9,163	8,440	10,448	1,250	88,990	28,757	122,760	3,326,631	1,543,594	2,605,180	4,833,743	1,562,047	3,270,796		
March	46,818	10,083	8,878	10,991	1,385	89,594	28,601	116,600	3,236,677	1,542,274	3,193,506	4,984,573	1,715,673	3,268,900		
April	46,987	10,337	8,800	10,880	1,438			111,500	2,891,283	1,231,049	2,820,484	4,739,454	1,857,161	2,882,293		
May	48,217	10,269	8,874	11,083	1,498			108,200	2,816,352	1,207,473	3,017,840	4,792,844	1,953,753	2,839,091		
June									2,701,166	1,306,140	3,731,168	4,579,038	1,765,211	2,813,877		
July																
August																
September																
October																
November																
December																

See footnote on opposite page also.

believed to be great in the aggregate. Gross revenue received from the sale of electrical energy as reported by the *Electrical World* represents the total receipts from the sale of electricity computed to 100 per cent of the industry on the basis of the percentage which the reporting companies bear to the installed central station rating of the country. Fuel consumption and production of electric power by central stations from U. S. Department of the Interior, U. S. Geological Survey.

² Companies reporting sales are not identical with those reporting fuel consumption and energy produced.

¹ Revised.

Table 117.—EARNINGS AND HOURS OF LABOR¹

YEAR AND MONTH	AVERAGE WEEKLY EARNINGS					AVERAGE WEEKLY HOURS		AVERAGE WEEKLY EARNINGS					AVERAGE WEEKLY HOURS		
	Grand total	Male			Women	Nominal	Actual	Grand total	Male			Women	Nominal	Actual	
		Total	Skilled	Unskilled					Total	Skilled	Unskilled				
	Relative to July, 1914							Dollars							Hours
RELATIVE NUMBERS							NUMERICAL DATA								
1914, July.....	100	100	100	100	100	100	100	\$12.54	\$13.30	\$14.16	\$10.71	\$7.84	55.0	51.5	
1920 monthly average.....	235	238	235	253	233	91	95	29.51	31.72	33.31	27.11	18.27	50.0	48.7	
1921 monthly average.....	188	188	188	191	205	90	88	23.67	25.05	26.55	20.48	16.07	49.7	45.5	
1922 monthly average.....	192	193	194	192	204	91	96	24.06	25.69	27.42	20.53	15.99	50.0	49.2	
1923 monthly average.....	209	213	213	211	223	91	96	26.25	28.27	30.12	22.61	17.46	49.9	49.2	
1921															
January.....	205	210	208	220	205	91	87	25.75	27.96	29.41	23.51	16.08	49.9	44.6	
February.....	199	202	200	203	209	91	86	24.96	26.82	28.33	22.24	16.38	50.0	44.3	
March.....	197	196	194	202	206	91	87	24.69	26.07	27.54	21.67	16.16	49.8	45.0	
April.....	193	191	189	196	204	91	87	24.18	25.38	26.81	21.04	15.96	49.9	44.7	
May.....	187	189	186	193	203	91	87	23.45	24.95	26.35	20.66	16.34	49.8	44.6	
June.....	184	185	184	190	208	90	86	23.12	24.62	26.01	20.38	16.28	49.5	44.4	
July.....	181	183	183	181	202	90	87	22.75	24.32	25.91	19.34	15.80	49.5	44.9	
August.....	182	183	183	182	204	90	89	22.82	24.35	25.91	19.45	15.99	49.5	45.8	
September.....	180	180	179	180	204	90	89	22.62	23.89	25.38	19.33	15.96	49.6	45.9	
October.....	183	182	182	183	205	90	92	22.99	24.18	25.72	19.58	16.06	49.6	47.6	
November.....	181	180	180	181	202	90	91	22.71	23.94	25.44	19.35	15.82	49.6	46.8	
December.....	182	181	182	179	204	90	93	22.84	24.12	25.77	19.18	15.97	49.7	47.8	
1922															
July.....	181	185	185	184	196	91	93	22.75	24.59	26.21	19.72	15.36	50.0	48.0	
August.....	186	189	190	185	195	91	95	23.36	25.09	26.55	19.86	15.32	50.0	48.8	
September.....	192	191	192	190	202	91	95	24.04	25.46	27.15	20.39	15.82	49.9	48.9	
October.....	193	199	197	195	207	91	96	24.16	26.09	27.83	20.89	16.21	50.0	49.5	
November.....	199	198	199	196	211	91	97	24.92	26.33	28.11	20.99	16.52	50.0	49.8	
December.....	200	200	201	199	213	91	97	25.12	26.60	28.40	21.31	16.70	50.1	50.0	
1923															
January.....	200	200	201	197	214	91	97	25.08	26.58	28.43	21.06	16.81	50.2	50.1	
February.....	201	201	202	198	214	91	97	25.24	26.73	28.57	21.22	16.76	50.1	49.8	
March.....	204	207	208	201	218	91	97	25.64	27.47	29.48	21.40	17.06	50.2	50.1	
April.....	212	214	215	211	222	91	98	26.64	28.44	30.39	22.57	17.43	50.1	50.3	
May.....	217	219	220	217	231	91	97	27.25	29.17	31.12	23.19	18.14	50.2	49.8	
June.....	216	218	218	216	229	91	96	27.12	28.97	30.90	23.14	17.94	50.2	49.5	
July.....	213	214	214	215	223	91	96	26.66	28.52	30.35	23.04	17.44	49.9	49.5	
August.....	212	213	211	218	225	91	95	26.57	28.31	29.92	23.31	17.66	49.9	48.7	
September.....	213	216	215	216	225	90	93	26.74	28.67	30.41	23.17	17.66	49.5	48.0	
October.....	216	218	218	217	226	90	94	27.14	28.99	30.81	23.25	17.69	49.6	48.3	
November.....	215	217	217	215	224	90	94	26.99	28.81	30.73	23.02	17.59	49.5	48.2	
December.....	215	215	214	213	222	90	93	26.94	28.53	30.29	22.86	17.39	49.7	48.1	
1924															
January.....	215	215	215	215	222	90	94	26.94	28.64	30.38	23.04	17.38	49.6	48.5	
February.....	217	218	217	221	222	91	94	27.20	29.05	30.73	23.67	17.36	49.9	48.3	
March.....	214	215	213	221	222	91	93	26.89	28.59	30.12	23.70	17.41	50.1	47.8	
April.....	213	217	216	217	219	91	92	26.67	28.81	30.55	23.19	17.17	49.9	47.4	
May.....	208	211	210	212	214	91	90	26.10	28.11	29.75	22.75	16.74	49.9	46.6	
June.....															
July.....															
August.....															
September.....															
October.....															
November.....															
December.....															

¹ Compiled by the National Industrial Conference Board from reports from 1,678 manufacturing plants employing 506,315 people in January, 1921, and representing 23 industries. The nominal hours per week represent the weighted number of hours the plants are supposed normally to operate, while the actual hours represent the average man hours worked each week. The grand total weekly earnings are compiled by weighting the average earnings in each industry by the number of wage earners employed as reported by the Census of Manufactures of 1919, but as it was impossible to obtain the necessary weighting factors for the classes of labor, the latter averages are unweighted; hence, the relative number for the grand total sometimes is lower than the relative number of any class, owing to the different methods of computation.

² A average of last seven months of the year.

³ A average of last six months of the year.

Table 118.—FACTORY EMPLOYMENT BY STATES AND CITIES

[Base year in bold-faced type]

YEAR AND MONTH	EMPLOYEES ON PAY ROLL					TOTAL PAY ROLL		AV. WEEKLY EARNINGS				EMPLOYEES ON PAY ROLL		TOTAL PAY ROLL	AV. WEEK. EARN.	
	New York ¹	Illinois ²	Detroit ³	Wisconsin ⁴	Massachusetts ⁵	New York ¹	Wisconsin ⁴	New York ¹	Illinois ²	Wisconsin ⁴	Massachusetts ⁵	New York State ¹				
	Relative to 1914	Relative to 1922	Relative to 1920	Relative to 1915 ⁶	Relative to 1914	Relative to 1914	Relative to 1915 ⁶	Relative to 1914	Relative to 1922 ⁷	Relative to 1915 ⁶	Relative to 1914	Number	Thousands	Thousands of dollars	Dollars	
	RELATIVE NUMBERS											NUMERICAL DATA				
1913 mo. av.																
1914 mo. av.	100				100.0	100		100			100.0		478	5,912	12.48	
1915 mo. av.	103			105	98.3	107	112	103		106	103.2		494	6,377	12.85	
1916 mo. av.	121			128	112.5	141	160	116		125	116.6		570	8,366	14.43	
1917 mo. av.	126			136	116.8	166	198	131		146	134.7		604	9,892	16.37	
1918 mo. av.	128			140	118.5	210	258	188		188	167.8		614	12,481	23.50	
1919 mo. av.	120			136	117.6	227	284	188		209	190.8		573	13,490	23.50	
1920 mo. av.	124		100	135	114.7	281	342	226		254	227.6		177,533	591	16,711	28.15
1921 mo. av.	97		55	94	95.4	201	191	206		202	196.8		97,845	464	11,913	25.72
1922 mo. av.	105	100	91	107	101.0	211	210	201	100	196	196.6		161,269	500	12,524	25.04
1923 mo. av.	116	110	123	124	106.6	254	270	218	110	218	223.8		218,713	553	15,074	27.23
1922																
January	97	94.2	64	95.6		191	167.9	196		175.6		113,099	464	11,330	24.43	
February	100	94.1	69	96.5		195	184.5	194		191.2		121,763	478	11,563	24.17	
March	101	96.0	75	99.5		209	186.7	197		187.6		132,620	454	11,901	24.57	
April	100	96.6	85	101.9		194	193.1	194		189.5		151,000	478	11,546	24.15	
May	101	99.7	96	104.7		200	206.3	197		197.2		170,126	482	11,857	24.59	
June	103		102	109.5		205	219.3	200		200.4		180,971	490	12,199	24.91	
July	103	98.9	103	107.3		204	199.9	198	96.0	186.3		183,494	490	12,136	24.77	
August	105	100.4	99	108.6		212	216.7	201	97.0	199.5		176,640	501	12,580	25.10	
September	107	102.3	93	110.1		221	220.6	206	102.8	200.3		165,015	511	13,145	25.71	
October	110	103.8	99	111.1		227	229.2	205	100.4	206.3		175,147	523	13,514	25.61	
November	113	105.7	102	116.4		237	247.1	209	100.9	212.3		181,325	540	14,061	26.04	
December	115	108.2	104	120.1		243	251.3	211	102.9	209.3		184,022	548	14,460	26.39	
1923																
January	114	107.1	114	120.7	110.2	241	245.0	210	102.2	203.0	215.1	202,959	547	14,341	26.21	
February	116	109.7	120	124.7	109.8	241	261.6	207	103.9	210.0	216.6	213,790	554	14,329	25.87	
March	119	112.4	125	125.5	110.5	257	263.9	216	104.6	210.4	220.7	221,139	567	15,262	26.92	
April	118	113.2	128	127.3	109.3	257	269.9	216	108.5	212.3	218.9	227,344	569	15,276	27.00	
May	117	113.5	130	123.9	109.1	261	280.1	221	113.3	226.6	230.9	229,971	560	15,464	27.63	
June	116	114.0	125	124.4	106.6	260	280.1	223	114.7	225.6	229.5	222,045	555	15,460	27.85	
July	115	111.7	124	128.4	104.6	256	267.8	221	108.8	208.9	226.3	220,099	551	15,184	27.54	
August	114	110.4	119	126.7	104.2	249	280.1	217	108.5	221.2	221.8	210,506	546	14,816	27.12	
September	115	109.3	121	123.1	103.7	253	272.2	220	112.3	221.2	230.0	214,590	549	15,039	27.41	
October	116	109.3	121	120.9	105.6	259	276.0	222	114.2	223.5	226.2	214,535	556	15,406	27.73	
November	115	108.9	120	120.7	104.0	255	275.2	221	109.8	223.3	222.9	212,397	548	15,145	27.61	
December	113	108.1	132	119.9	101.6	255	265.0	224	114.4	221.7	228.0	235,155	541	15,141	27.97	
1924																
January	112	106.2	135	114.5	97.2	250	253.9	223	110.4	213.5	227.1	239,503	535	14,874	27.81	
February	113	108.5	136	123.4	97.2	252	283.6	222	114.3	230.6	226.4	241,134	540	14,973	27.73	
March	113	108.5	134	125.5	96.7	256	268.7	226	111.3	230.8	222.1	238,263	542	15,259	28.16	
April	110	107.2	130	122.5	92.3	245	276.3	222	112.1	226.2	218.6	231,617	524	14,530	27.70	
May	100	104.5	116	116.1	88.3	219	266.1	217	111.5	229.5	216.4	206,348	503	13,847	27.54	
June	97	100.9	111	111.4	85.7	201	243.2	218	110.5	218.5	213.5	196,494	489	13,317	27.21	
July												197,462				
August																
September																
October																
November																
December																

¹ Figures represent reports from 1,648 firms in New York State employing more than one-third of the factory workers of the State, as reported by the New York State Department of Labor. The 1914 average upon which the index numbers are calculated is an average of the 7 months, June to December, 1914, inclusive. As originally published by the New York Department of Labor, the index numbers are based on June, 1914, and have been recalculated to the 7-month average.

² Data on Illinois represent reports by almost 1,200 manufacturing establishments, employing about 300,000 people, to the Illinois Department of Labor. Figures on employees are based upon the number on the payroll nearest the 15th of the month and are given relative to the year 1922 as 100, while figures on average weekly earnings are relative to the last six months of 1922 as 100.

³ Data on Detroit employment from the Employers' Association of Detroit, covering about two-thirds of the working population of that city. Figures for the last week of the month are given here.

⁴ Data on employment in Wisconsin factories compiled by Industrial Commission of Wisconsin. Prior to June, 1923, this index was based on identical manufacturing establishments employing about 80,000 people; thereafter it was based on link relatives from reports of manufacturing, logging, and agricultural firms.

⁵ Data on factory employment in Massachusetts from Massachusetts Department of Labor and Industries, Division of Statistics. Yearly figures through 1922 are based on identical plants as secured by a yearly census. Data for 1923 and 1924 are connected to the series by the chain relative method, representing at least 40 per cent of the firms included in the yearly figures. These will later be revised by a complete census and subsequent data will be added by the chain relative method.

⁶ Relative to first quarter of 1915.

⁷ Relative to last six months of 1922.

Table 119.—WAGES AND RAILWAY EMPLOYMENT

[Relative numbers for base year in bold-face type; numerical data on opposite page]

YEAR AND MONTH	WAGES OF COMMON LABOR BY GEOGRAPHIC DIVISIONS ¹										FARM WAGES	U. S. STEEL CORP. WAGE RATES	RAILWAY EMPLOYMENT ²			
	United States average	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific			Relative to 1913	Relative to 1916	Employees on pay roll	Average hourly wage
	Relative to 1915												Relative to 1913	Relative to 1916		
1913 monthly av.											100	100				
1914 monthly av.											99	100				
1915 monthly av.	100	100	100	100	100	100	100	100	100	100	99	100				
1916 monthly av.	115	125	120	114	108	106	114	112	108	108	108	120	100	100		
1917 monthly av.	140	155	150	150	142	131	138	136	138	138	133	150	105	118		
1918 monthly av.	180	195	190	193	192	175	186	180	169	173	161	190	112	168		
1919 monthly av.	205	205	205	229	233	225	205	212	181	200	186	210	116	202		
1920 monthly av.	245	245	250	264	267	250	252	248	212	231	214	230	122	242		
1921 monthly av.	180	190	175	186	208	175	167	180	177	192	143	190	101	241		
1922 monthly av.	160	195	180	150	167	150	148	124	142	185	138	160	100	224		
1923 monthly av.	190	235	225	179	183	156	186	136	162	265	155	195	114	223		
1921																
July.....												185	99	229		
August.....												185	102	225		
September.....												150	104	226		
October.....												150	106	225		
November.....												150	105	228		
December.....												150	99	228		
1922																
January.....	140			164	175	150	95	128	123	177		150	94	230		
February.....	140			107	150	150	124	116	138	181		150	94	235		
March.....	145	165		121	158	144	143	108	131	181		150	95	228		
April.....	150	180	155	136	175	138	138	124	131	177		150	96	228		
May.....	160	175	165	150	158	138	152	120	135	181		150	99	225		
June.....	160	190	165	150	175	163	143	120	142	185		160	102	225		
July.....	165	190	180	164	175	150	157	128	146	188		150	89	216		
August.....	170	210	185	179	183	156	162	128	150	192		150	97	214		
September.....	170	205	195	157	167	156	162	136	154	196		180	104	220		
October.....	170	205	200	150	158	150	167	136	157	200	137	180	110	218		
November.....	170	215	205	150	167	144	167	128	154	188		180	111	222		
December.....	170	220	215	150	167	144	167	120	154	181		180	109	225		
1923																
January.....	165	235	200	120	158	150	143	116	146	185	133	180	108	223		
February.....	165	240	200	150	158	150	162	116	146	181		180	108	228		
March.....	165	210	210	136	175	138	167	120	150	177		180	110	221		
April.....	180	260	210	164	175	163	152	132	162	196	147	200	112	222		
May.....	185	265	230	179	183	150	190	144	154	196		200	115	220		
June.....	195	265	235	200	217	150	200	144	158	204		200	117	220		
July.....	195	260	240	193	183	157	195	144	177	208	159	200	119	222		
August.....	200	270	245	193	183	150	205	148	160	215		200	120	220		
September.....	200	260	240	207	200	163	205	152	165	215		200	118	225		
October.....	200	270	235	207	192	163	200	156	165	227	161	200	118	221		
November.....	205	270	245	207	208	150	195	148	162	205	161	200	111	225		
December.....	200	265	235	200	210	175	219	128	165	212		200	109	227		
1924																
January.....	190	260	235	195	192	156	191	140	173	200	151	200	106	226		
February.....	190	265	240	193	192	150	195	122	150	196		200	105	231		
March.....	205	300	275	269	183	181	205	144	142	192	153	200	107	227		
April.....	195	260	240	193	208	163	195	140	158	204	157	200	109	225		
May.....	190	255	235	193	208	163	195	144	158	196		200	109	224		
June.....	195	255	235	244	208	169	181	140	173	212		200				
July.....																
August.....																
September.....																
October.....																
November.....																
December.....																

See footnotes on opposite page also.

¹ Compiled by the U. S. Department of Agriculture, Bureau of Public Roads. The current data beginning January, 1922, are compiled directly from Federal aid project reports. Back data have included reports on farm labor or other forms of common labor closely correlated as reported to the Department of Agriculture and the Department of Labor.

² Average rates paid to farm labor as reported by the U. S. Department of Agriculture, Bureau of Agricultural Economics.

Table 120.—WAGES AND RAILWAY EMPLOYMENT

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	WAGES OF COMMON LABOR BY GEOGRAPHIC DIVISION ¹										FARM WAGES (without board) ²	U. S. STEEL CORP. WAGE RATES ³	RAILWAY EMPLOYMENT ⁴	
	United States average	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific			Employees on pay roll	Average hourly wage
	Cents per hour												Dollars per month	Cents per hour	Thousands	Dollars
1913 mo. av.											\$30.31	20		
1914 mo. av.											29.88	20		
1915 mo. av.	20	20	20	14	12	16	21	25	26	26	30.15	20		
1916 mo. av.	23	25	24	16	13	17	24	28	29	28	32.83	21	1,647	\$0.376
1917 mo. av.	28	31	30	21	17	21	29	34	36	36	40.43	30	1,733	.313
1918 mo. av.	36	39	38	27	23	28	30	45	44	45	48.80	33	1,642	.463
1919 mo. av.	41	41	41	32	28	36	43	53	47	52	56.29	42	1,913	.557
1920 mo. av.	49	49	50	37	32	40	53	62	55	60	64.95	46	2,013	.667
1921 mo. av.	36	38	35	26	23	28	35	45	46	50	43.32	38	1,661	.665
1922 mo. av.	32	39	36	21	20	24	31	31	37	48	41.79	32	1,645	.618
1923 mo. av.	38	51	45	25	22	25	39	34	42	54	46.91	39	1,880	.615
1921														
July.....												37	1,625	.631
August.....												37	1,680	.621
September.....												30	1,718	.625
October.....												30	1,754	.622
November.....												30	1,772	.630
December.....												30	1,657	.630
1922														
January.....	28			23	21	24	20	32	32	46		30	1,592	.635
February.....	28			15	18	24	26	29	36	47		30	1,545	.649
March.....	29	33		17	19	23	30	27	34	47		30	1,579	.628
April.....	30	36	31	19	21	22	29	31	34	46		30	1,578	.629
May.....	30	35	33	21	19	22	32	30	35	47		30	1,428	.629
June.....	32	38	33	21	21	26	30	30	37	48		30	1,685	.621
July.....	33	38	36	23	21	24	33	32	38	49		30	1,458	.585
August.....	34	42	37	25	22	25	34	32	39	50		30	1,394	.550
September.....	34	41	39	22	20	23	34	34	40	51		36	1,799	.606
October.....	34	41	40	21	19	24	35	34	41	52	41.58	26	1,804	.603
November.....	34	43	41	21	20	23	35	32	40	49		36	1,829	.614
December.....	34	44	43	21	20	23	35	30	40	47		36	1,789	.620
1923														
January.....	33	47	40	18	19	24	30	29	38	46	40.30	36	1,750	.615
February.....	33	48	40	21	19	24	31	29	38	47		36	1,781	.629
March.....	33	42	42	19	21	22	35	30	39	46		36	1,816	.630
April.....	36	52	42	23	21	26	32	33	42	51	44.47	40	1,844	.611
May.....	37	53	46	25	22	24	40	36	40	51		40	1,896	.608
June.....	39	53	47	28	26	24	42	36	41	53		40	1,934	.607
July.....	39	52	48	27	22	25	41	36	46	54	48.14	40	1,955	.612
August.....	40	54	49	27	22	24	43	37	44	56		40	1,974	.607
September.....	40	52	48	29	24	26	43	38	43	56		40	1,916	.622
October.....	40	54	47	29	23	26	42	39	43	59	48.70	40	1,929	.611
November.....	41	54	49	29	25	24	41	37	42	69	48.67	40	1,930	.622
December.....	40	53	47	28	24	28	46	32	43	55		40	1,794	.627
1924														
January.....	38	52	47	27	23	25	40	35	45	52	45.91	40	1,750	.625
February.....	38	53	48	27	23	24	41	33	39	51		40	1,753	.633
March.....	41	60	55	33	22	29	43	36	37	50	46.15	40	1,769	.626
April.....	39	52	48	27	25	26	41	35	41	53	47.62	40	1,787	.621
May.....	38	51	47	27	25	26	41	36	41	51		40	1,793	.619
June.....	39	51	47	30	25	27	33	33	45	55		40		
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹ Average rates in the Pittsburgh district reported by the United States Steel Corporation; rates apply to 10-hour day except for the period October 1, 1918, to July 16, 1921, during which period the rates applied to a basic 8-hour day with time and a half for overtime.

² Compiled from reports of Class I carriers and 15 switching and terminal companies to the Interstate Commerce Commission. The computation of average wages excludes the officials included in total on pay roll.

Table 121.—EMPLOYMENT AGENCY OPERATIONS¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	WORKERS REGISTERED					JOBS REGISTERED					WORKERS PLACED					Applicants per Job
	Total	East-ern States	Central States	South-ern States	West-ern States	Total	East-ern States	Central States	South-ern States	West-ern States	Total	East-ern States	Central States	South-ern States	West-ern States	
Relative to 6 months' average, July-December, 1921																
6 months' average, 1921..	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1922 monthly average...	110	115	107	114	115	159	143	171	149	157	153	140	157	154	162	73
1923 monthly average...	94	105	90	108	85	155	143	169	166	138	149	134	155	160	148	60
1921																
July.....	97	109	² 94	⁵ 100	⁶ 94	95	101	¹ 97	¹ 94	⁶ 84	95	98	² 97	⁸ 87	⁶ 90	102
August.....	102	100	³ 104	93	99	101	97	³ 106	101	98	101	95	¹ 103	90	104	101
September.....	101	105	⁴ 96	104	122	112	115	⁴ 105	101	128	114	109	⁴ 105	117	137	90
October.....	109	104	110	94	122	120	105	119	145	131	108	106	116	109	91	91
November.....	97	97	101	85	85	92	98	94	84	83	93	103	98	93	93	105
December.....	94	85	96	124	79	79	84	78	76	76	85	90	81	91	85	119
1922																
January.....	86	55	92	76	108	86	70	81	85	116	98	95	85	95	131	99
February.....	102	98	102	65	119	93	85	85	100	115	87	103	79	106	81	110
March.....	115	112	117	99	102	119	125	120	114	111	129	134	127	133	129	97
April.....	105	109	106	113	93	138	139	149	142	115	128	124	135	144	113	76
May.....	130	187	114	135	111	186	165	215	146	164	177	157	195	159	167	70
June.....	123	119	123	180	115	216	166	245	279	192	202	160	218	253	202	60
July.....	118	123	110	114	153	182	159	193	153	195	169	145	174	168	187	65
August.....	115	115	112	107	137	192	153	218	138	201	180	146	191	145	206	60
September.....	112	123	102	117	143	205	187	206	173	236	190	166	182	167	243	54
October.....	120	129	112	125	136	212	183	230	191	212	199	173	198	187	235	56
November.....	104	108	103	117	93	161	147	182	146	140	159	142	170	158	155	64
December.....	85	99	84	93	69	123	131	134	121	90	122	133	127	127	99	69
1923																
January.....	101	113	100	123	74	136	153	144	146	97	134	150	137	156	103	74
February.....	87	104	84	115	59	144	146	156	144	114	135	138	139	147	121	61
March.....	84	93	81	96	73	153	146	164	149	138	143	132	148	143	146	55
April.....	88	95	88	95	73	172	161	197	157	137	152	139	164	142	145	51
May.....	116	123	116	122	91	228	208	259	220	191	205	176	227	183	203	50
June.....	98	109	94	137	82	180	156	201	227	151	171	144	183	216	163	54
July.....	92	95	85	100	120	145	116	161	154	143	144	114	155	156	150	64
August.....	106	107	101	116	123	176	137	184	195	196	176	133	181	179	213	60
September.....	86	97	78	97	99	153	139	152	177	161	145	121	144	160	172	56
October.....	118	134	114	113	118	189	167	206	189	178	185	163	191	187	198	62
November.....	81	98	78	94	60	110	105	120	137	83	114	110	121	142	94	73
December.....	70	94	65	89	47	78	82	79	102	64	83	89	82	109	70	63
1924																
January.....	87	103	84	114	58	93	93	102	118	66	95	98	98	126	73	93
February.....	74	87	72	102	49	89	88	95	120	65	90	91	91	133	70	84
March.....	77	95	73	102	56	96	101	100	122	73	99	104	99	135	80	80
April.....	101	112	101	129	72	140	135	155	176	101	146	139	160	190	110	73
May.....	87	122	81	104	52	111	133	105	143	85	119	142	112	152	93	79
June.....																
July.....																
August.....																
September.....																
October.....																
November.....																
December.....																

See footnotes on opposite page.

Table 122.—EMPLOYMENT AGENCY OPERATIONS ¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	WORKERS REGISTERED					JOBS REGISTERED					WORKERS PLACED					Applicants per Job
	Total	East-ern States	Central States	South-ern States	West-ern States	Total	East-ern States	Central States	South-ern States	West-ern States	Total	East-ern States	Central States	South-ern States	West-ern States	
	Number															
6 months' average, 1921	202, 132	39, 299	124, 700	14, 066	24, 068	116, 866	29, 967	53, 068	8, 599	25, 232	84, 478	33, 911	43, 072	6, 935	20, 630	1.73
1922 monthly average	222, 187	45, 314	133, 241	15, 972	27, 660	186, 283	42, 799	91, 000	12, 817	39, 675	144, 936	33, 479	67, 500	10, 494	33, 462	1.27
1923 monthly average	189, 869	41, 428	112, 720	15, 202	20, 469	181, 426	42, 838	89, 549	14, 302	34, 738	140, 819	32, 030	67, 228	10, 936	30, 575	1.04
1921																
July	196, 306	42, 913	116, 713	14, 028	22, 652	111, 353	30, 353	51, 604	8, 080	21, 226	89, 600	23, 464	41, 745	5, 921	18, 467	1.76
August	206, 368	39, 149	130, 234	13, 062	23, 923	118, 415	28, 935	56, 213	8, 646	24, 621	95, 427	22, 707	44, 531	6, 760	21, 429	1.74
September	204, 940	41, 216	119, 919	14, 559	29, 247	131, 350	34, 446	55, 874	8, 680	32, 350	107, 354	26, 029	45, 091	7, 969	28, 205	1.56
October	220, 052	40, 942	136, 507	13, 240	20, 273	139, 953	31, 412	63, 120	12, 446	32, 975	101, 662	25, 341	49, 986	7, 460	18, 875	1.57
November	195, 322	38, 137	121, 780	12, 022	20, 383	107, 802	29, 407	50, 138	7, 237	21, 020	92, 696	21, 568	42, 250	6, 667	19, 211	1.61
December	189, 806	33, 437	119, 968	17, 483	18, 928	92, 315	25, 247	41, 371	6, 505	19, 192	80, 123	21, 537	34, 828	6, 230	17, 533	2.06
1922																
January	172, 838	21, 515	114, 492	10, 744	26, 087	100, 599	21, 022	43, 004	7, 301	29, 272	92, 924	22, 821	36, 008	6, 524	26, 971	1.72
February	206, 405	38, 465	127, 344	11, 971	28, 025	108, 163	25, 379	45, 139	8, 630	29, 015	82, 513	24, 610	34, 026	7, 237	16, 614	1.91
March	231, 981	47, 040	146, 298	13, 988	24, 655	139, 055	37, 445	63, 776	9, 840	27, 994	122, 227	31, 979	54, 610	9, 084	26, 524	1.67
April	213, 167	42, 829	132, 202	15, 869	22, 267	161, 768	41, 673	78, 993	12, 247	28, 910	120, 763	29, 684	58, 006	9, 854	23, 219	1.82
May	262, 025	73, 396	142, 727	19, 131	26, 771	217, 382	49, 365	114, 100	12, 552	41, 365	166, 757	37, 544	83, 813	10, 879	34, 521	1.21
June	259, 451	46, 706	159, 799	25, 281	27, 665	252, 106	49, 813	129, 878	23, 984	48, 431	191, 301	38, 323	94, 080	17, 298	41, 600	1.03
July	238, 186	48, 256	137, 062	16, 081	36, 787	212, 581	47, 536	102, 672	13, 179	49, 167	159, 884	34, 804	74, 950	11, 453	38, 672	1.12
August	233, 140	45, 257	139, 874	15, 053	32, 954	224, 235	45, 757	115, 980	11, 872	50, 774	169, 711	35, 033	82, 323	9, 911	42, 412	1.01
September	225, 896	48, 399	126, 649	16, 406	34, 442	239, 751	56, 014	109, 190	14, 872	59, 673	179, 644	39, 749	78, 250	11, 435	50, 206	.94
October	241, 155	50, 516	140, 233	17, 597	32, 810	248, 164	56, 319	121, 864	16, 406	53, 574	187, 949	41, 433	85, 348	12, 762	48, 406	.97
November	209, 490	42, 587	128, 033	16, 517	22, 353	189, 323	44, 040	96, 515	12, 537	35, 231	149, 962	34, 083	73, 238	10, 773	31, 918	1.11
December	172, 509	38, 806	104, 177	13, 023	16, 503	143, 265	39, 222	70, 993	10, 378	22, 672	115, 595	31, 729	51, 719	8, 666	20, 481	1.20
1923																
January	203, 923	44, 410	124, 328	17, 343	17, 847	159, 002	45, 745	76, 253	12, 520	24, 484	126, 777	35, 836	58, 947	10, 648	21, 346	1.28
February	175, 807	40, 722	104, 718	16, 200	14, 167	167, 866	43, 707	82, 985	12, 408	28, 766	127, 965	32, 983	59, 965	10, 059	24, 938	1.03
March	189, 217	36, 441	101, 577	13, 530	17, 669	178, 384	43, 611	87, 281	12, 792	34, 700	135, 226	31, 008	63, 825	9, 737	30, 036	.95
April	178, 158	37, 494	100, 619	13, 410	17, 635	200, 692	46, 238	104, 474	13, 514	34, 466	143, 582	33, 164	70, 845	9, 673	29, 400	.89
May	233, 607	50, 124	144, 506	17, 101	21, 976	266, 999	62, 473	137, 544	18, 897	48, 085	194, 060	42, 159	97, 590	12, 483	41, 847	.87
June	198, 524	42, 767	116, 697	19, 204	19, 856	210, 817	46, 610	106, 571	19, 487	38, 149	161, 555	34, 392	78, 835	14, 791	33, 534	.91
July	186, 649	37, 261	106, 553	14, 023	23, 812	169, 677	34, 766	85, 577	13, 263	36, 071	135, 884	27, 323	66, 867	10, 666	31, 028	1.10
August	214, 215	41, 987	126, 289	16, 312	29, 627	205, 137	41, 070	97, 773	16, 788	49, 506	165, 910	31, 850	77, 892	12, 201	43, 967	1.04
September	173, 255	38, 193	97, 456	13, 688	23, 918	178, 347	41, 629	80, 862	15, 228	40, 628	137, 318	28, 906	61, 906	10, 949	35, 557	.97
October	239, 097	52, 574	142, 188	15, 916	28, 419	220, 504	50, 001	109, 239	16, 227	45, 037	175, 108	39, 108	82, 300	12, 799	40, 901	1.06
November	163, 328	38, 341	97, 395	13, 198	14, 394	128, 129	31, 614	63, 871	11, 743	20, 901	107, 610	26, 279	52, 303	9, 727	10, 301	1.27
December	142, 046	36, 821	81, 416	12, 502	11, 307	91, 560	24, 591	42, 155	8, 766	16, 058	78, 836	21, 364	35, 472	7, 475	14, 525	1.55
1924																
January	175, 620	40, 612	105, 188	16, 066	13, 844	108, 949	27, 988	54, 077	10, 185	16, 690	89, 535	23, 527	42, 096	8, 589	15, 035	1.61
February	150, 235	34, 762	89, 291	14, 332	11, 850	103, 509	26, 278	50, 331	10, 402	16, 498	84, 663	21, 966	39, 084	9, 089	14, 544	1.45
March	156, 244	37, 822	90, 520	14, 359	13, 543	112, 379	30, 211	53, 215	10, 526	18, 427	93, 508	24, 835	42, 834	9, 256	16, 583	1.39
April	205, 039	44, 179	125, 357	18, 130	17, 373	163, 119	40, 389	82, 051	15, 172	25, 507	137, 772	33, 207	68, 924	13, 013	22, 628	1.26
May	176, 441	48, 094	101, 248	14, 650	12, 449	129, 672	39, 943	55, 869	12, 298	21, 562	112, 109	33, 993	48, 425	10, 512	19, 179	1.36
June																
July																
August																
September																
October																
November																
December																

¹ Compiled from weekly reports to the U. S. Department of Labor, Employment Service, by state and municipal employment agencies. Eastern states included in the report are Connecticut, District of Columbia, Massachusetts, New Jersey, New York, and Rhode Island (Delaware, Maryland, and Pennsylvania, now reporting, are excluded to show true comparison). Central states are Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. Southern states include Alabama, Arkansas, Georgia, Kentucky, North Carolina, Oklahoma, Texas, and Virginia. Western states include Arizona, California, Colorado, Idaho, Oregon, and Washington; Montana is included beginning with March, 1922, its figures being so small as not to affect the total.

² One week in July estimated for South Dakota.
³ One week in August estimated for Iowa and Michigan.
⁴ Month of September for South Dakota and one week for Iowa estimated.

⁵ First two weeks in July estimated for Arkansas.
⁶ First two weeks in July estimated for Washington.

Table 123.—FACTORY EMPLOYMENT BY INDUSTRIAL GROUPS¹

[Index numbers for base year in bold-faced type]

YEAR AND MONTH	Total, 12 groups	Food and kind- red prod- ucts	Tex- tiles and their prod- ucts	Iron and steel and their prod- ucts	Lum- ber and its manu- fac- ture	Leather and its fin- ished prod- ucts	Paper and print- ing	Chem- icals and other prod- ucts	Stone, clay, and glass prod- ucts	Metal and metal prod- ucts other than iron and steel	To- bacco manu- fac- ture	Vehi- cles for land trans- porta- tion	Miscel- laneous indus- tries
1923 monthly average.....	100	100	100	100	100	100	100	100	100	100	100	100	100
1922													
July.....	87	89	90	79	97	94	93	88	99	66	106	77	82
August.....	88	90	92	79	97	97	93	92	100	86	104	75	87
September.....	91	92	95	83	96	98	94	92	100	89	106	81	89
October.....	93	94	97	86	96	98	95	93	95	93	108	86	90
November.....	94	97	98	89	96	100	96	96	92	101	107	90	92
December.....	97	98	100	93	95	101	99	95	92	99	106	93	98
1923													
January.....	98	96	102	94	94	101	98	98	92	105	103	96	100
February.....	100	95	104	97	96	105	98	102	93	107	102	97	102
March.....	102	96	105	100	97	105	100	105	96	111	103	100	107
April.....	102	95	104	101	100	103	100	104	101	109	100	100	107
May.....	102	96	103	102	101	100	100	102	104	107	100	101	105
June.....	102	99	101	104	102	97	100	99	105	103	100	103	104
July.....	100	100	98	102	103	96	100	98	103	101	98	101	100
August.....	100	102	97	102	102	99	100	99	102	93	94	102	96
September.....	100	105	98	102	103	98	100	100	102	92	99	101	94
October.....	99	107	96	100	101	98	101	99	101	92	100	102	94
November.....	99	106	95	98	101	98	102	98	100	89	101	101	96
December.....	97	102	96	94	98	96	102	97	98	92	100	97	95
1924													
January.....	95	98	96	93	95	97	102	97	94	94	96	96	95
February.....	97	99	97	94	97	97	101	99	95	102	97	96	97
March.....	96	97	96	95	97	97	101	103	99	105	95	96	96
April.....	95	93	91	94	98	92	101	101	102	100	92	95	94
May.....	91	92	87	89	97	88	100	92	102	94	92	90	88
June.....	88	94	84	85	95	83	99	85	99	87	92	85	85
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

¹ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, and represent weighted indexes based upon the number of wage earners in the respective industries in 1919. Details of this table can be found in the April, 1924, Monthly Labor Review, pp. 129-132

Table 124.—WHOLESALE TRADE BY FEDERAL RESERVE DISTRICTS ¹

[Base year in bold-faced type]

YEAR AND MONTH	HARDWARE								SHOES									
	Weighted index 10 districts ²	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	Minneapolis	Kansas City	Dallas	San Francisco	Weighted index 6 districts ¹	New York	Atlanta	Richmond	Chicago	Minneapolis	San Francisco
	INDEX NUMBERS RELATIVE TO 1919																	
1919 monthly average...	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1920 monthly average...	116										88							
1921 monthly average...	80	78	97	92	83	66	79	65	74	79	86	65	62	59	65	67	62	76
1922 monthly average...	84	84	100	94	84	69	86	67	76	80	97	61	55	57	63	64	66	74
1923 monthly average...	104	100	115	112	100	84	103	147	81	99	112	64	58	61	70	59	69	79
1921																		
May.....	85	84	104	106	82	60	88	70	74	76	86	63	55	50	56	76	54	78
June.....	85	82	105	100	82	61	88	70	79	74	93	62	63	51	60	60	61	81
July.....	72	71	86	74	72	54	76	65	68	63	80	48	52	40	44	37	61	65
August.....	77	70	90	82	82	64	79	69	74	76	86	73	76	60	78	72	67	80
September.....	81	76	92	86	91	73	82	65	80	72	93	82	72	82	91	84	88	93
October.....	86	83	105	92	95	81	85	63	84	87	93	83	74	92	99	83	78	87
November.....	78	77	93	84	81	73	75	58	72	88	85	69	66	74	69	69	66	71
December.....	69	69	93	71	65	67	61	51	69	79	77	45	47	42	44	41	37	62
1922																		
January.....	58	56	71	59	69	64	52	39	49	63	76	44	43	39	43	39	57	56
February.....	58	54	68	66	58	56	53	41	57	66	72	51	45	47	56	48	67	57
March.....	82	86	103	90	79	65	85	60	77	74	89	68	67	66	68	70	58	80
April.....	85	86	111	95	85	60	88	75	75	76	92	82	50	63	66	72	55	72
May.....	93	96	113	106	87	62	99	79	82	78	106	58	47	50	54	71	58	71
June.....	92	91	104	100	83	59	102	78	89	77	113	59	51	45	53	72	55	72
July.....	82	80	90	86	79	56	87	74	78	77	98	47	41	40	50	49	53	61
August.....	90	86	101	97	90	76	95	81	80	80	106	68	60	64	74	66	81	87
September.....	96	93	107	113	98	80	98	75	85	98	107	76	70	74	84	76	84	85
October.....	100	98	116	114	99	90	102	75	85	101	108	76	70	79	81	78	80	88
November.....	94	94	111	110	97	84	91	67	80	91	104	67	59	66	73	65	79	82
December.....	84	83	106	96	80	80	81	57	79	76	92	58	52	46	56	62	64	77
1923																		
January.....	69	78	92	99	102	92	83	115	71	87	99	57	57	50	61	48	68	68
February.....	83	72	89	89	86	74	79	100	77	86	97	57	50	58	70	49	63	73
March.....	109	103	122	113	110	86	108	149	92	103	125	82	77	82	86	82	77	81
April.....	112	113	125	122	105	78	111	168	88	95	120	62	58	56	68	55	71	84
May.....	118	114	129 ^c	134	107	79	118	180	92	104	125	68	61	65	86	56	81	86
June.....	114	109	125	127	95	80	120	169	92	105	125	64	58	59	61	65	70	81
July.....	100	92	111	107	88	72	106	157	77	106	109	51	46	44	49	52	54	69
August.....	108	100	111	112	109	86	104	160	77	108	114	69	63	66	78	66	90	88
September.....	106	100	113	117	104	87	107	150	76	96	112	71	61	68	85	64	70	94
October.....	117	115	132	133	116	102	115	153	82	113	121	75	69	78	81	73	72	87
November.....	102	105	113	103	99	90	96	139	74	104	104	59	57	67	62	51	54	76
December.....	90	97	113	82	82	79	83	128	71	83	98	48	45	37	48	46	61	63
1924																		
January.....	91	84	104	91	111	89	82	113	63	97	104	51	50	44	49	41	46	57
February.....	90	86	100	99	95	77	80	106	69	103	104	49	45	48	57	38	50	70
March.....	101	107	119	100	93	72	94	144	72	107	115	66	70	57	64	51	53	80
April.....	106	108	124	107	98	72	110	156	79	106	107	68	73	55	65	62	52	72
May.....	102	105	123	111	91	73	98	139	75	102	111	55	50	45	62	43	51	78
June.....	95	92	115	103	78	69	94	143	73	96	103	48	52	37	42	35	47	66
July.....																		
August.....																		
September.....																		
October.....																		
November.....																		
December.....																		

¹ Compiled by the Federal Reserve Board, Division of Research and Statistics.² Represents a combined weighted index based upon the total value of their production in the year 1919. For detail and methods of computation, see Federal Reserve Bulletin for April, 1923.

Table 125.—WHOLESALE TRADE BY FEDERAL RESERVE DISTRICTS ¹

[Base year in bold-faced type]

YEAR AND MONTH	GROCERIES										DRUGS								
	Weighted index 10 districts ²	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	Minneapolis	Kansas City	Dallas	San Francisco	Weighted index 7 districts ³	New York	Cleveland	Richmond	Chicago	Kansas City	Dallas	San Francisco
	Index numbers relative to 1919																		
1919 monthly average..	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1920 monthly average..	113											112							
1921 monthly average..	77	72	79	75	74	76	73	79	93	69	95	97	96	112	85	85	99	90	113
1922 monthly average..	77	77	74	71	73	73	70	79	91	71	100	101	108	114	88	89	93	84	116
1923 monthly average..	83	82	85	79	83	86	73	84	99	79	101	111	118	126	101	102	98	92	133
1921																			
May.....	74	70	75	73	72	75	68	74	88	68	94	94	93	107		85	96	88	100
June.....	78	74	80	77	71	75	74	84	94	67	92	94	95	110	85	87	96	86	105
July.....	77	69	78	72	71	70	75	88	96	66	105	91	96	107	83	77	96	83	101
August.....	82	81	86	78	73	77	81	92	93	70	92	100	101	111	85	87	98	94	135
September.....	81	77	81	75	80	80	77	85	102	76	95	104	103	122	90	92	105	95	125
October.....	85	85	83	80	82	79	78	82	108	77	103	107	112	115	93	95	104	94	137
November.....	76	72	81	74	76	70	72	74	97	62	92	94	95	105	82	85	97	83	112
December.....	69	72	70	66	67	70	63	64	82	59	78	88	85	106	75	78	95	76	109
1922																			
January.....	66	64	66	59	64	63	60	65	79	57	90	94	102	110	91	79	90	82	103
February.....	62	60	65	57	62	62	57	60	75	60	77	94	103	111		78	85	78	107
March.....	76	77	72	70	73	74	71	78	90	68	98	114	129	123		97	98	88	131
April.....	66	64	62	61	65	62	60	70	82	61	86	94	97	105		86	84	76	105
May.....	74	69	73	69	76	72	68	78	89	65	97	97	100	109	85	93	89	79	110
June.....	82	79	79	77	74	72	79	91	100	67	108	100	104	113	84	95	96	79	113
July.....	74	72	70	69	72	68	68	82	87	65	105	94	102	107	82	82	90	80	107
August.....	80	75	77	74	77	77	75	91	92	73	100	103	104	114	86	92		93	133
September.....	84	81	76	77	79	79	76	87	101	88	108	105	111	116	94	92	97	97	125
October.....	91	95	85	80	82	85	80	86	108	93	124	111	126	116	94	99	104	98	127
November.....	88	96	88	84	82	83	74	84	101	80	115	103	109	117	95	91	99	84	121
December.....	76	89	80	73	74	73	68	74	87	72	89	99	105	121	84	89	96	76	110
1923																			
January.....	75	79	75	67	76	84	63	71	79	73	90	113	120	138	117	101	101	98	114
February.....	74	70	74	65	73	90	69	73	98	70	91	107	118	126	97	93	100	84	114
March.....	81	84	80	75	83	89	71	77	93	76	88	121	131	138	108	111	105	91	138
April.....	80	74	77	75	78	81	74	84	97	72	105	106	112	121	96	100	96	81	122
May.....	81	77	83	81	82	82	72	84	92	74	97	107	111	123	97	102	96	83	127
June.....	88	83	90	85	80	79	84	94	101	75	108	107	111	121	94	101	98	82	125
July.....	81	78	88	76	81	76	70	86	97	67	107	106	113	119	92	95	93	87	132
August.....	86	80	88	79	84	86	77	99	104	80	102	111	109	124	101	105	97	98	142
September.....	90	83	89	85	90	89	79	96	111	103	113	115	125	125	101	101	95	101	145
October.....	98	103	101	97	97	98	83	89	119	99	116	129	140	132	112	112	104	115	161
November.....	93	98	95	87	91	92	79	89	112	86	112	111	110	123	104	101	94	98	147
December.....	76	80	84	74	83	82	56	71	88	70	83	99	103	118	87	98	93	89	124
1924																			
January.....	79	80	81	72	82	90	66	76	92	83	97	116	130	127	112	97	98	110	141
February.....	76	73	80	74	80	86	63	74	94	85	88	110	125	124	102	92	88	100	133
March.....	80	79	84	75	80	90	66	75	95	77	91	118	135	133	106	101	93	103	144
April.....	78	74	79	76	80	87	66	77	99	76	94	115	126	130	101	101	95	100	145
May.....	80	76	85	76	83	81	67	80	102	77	92	111	125	120	98	97	92	98	135
June.....	81	73	86	72	79	76	73	90	101	75	101	106	120	117	92	92	87	91	131
July.....																			
August.....																			
September.....																			
October.....																			
November.....																			
December.....																			

¹ Compiled by the Federal Reserve Board, Division of Research and Statistics.² Represent a combined weighted index based upon the total value of their production in the year 1919. For details and methods of computation, see Federal Reserve Bulletin for April, 1923.³ Seven months' average, June to December, inclusive.⁴ Nine months' average, April to December, inclusive.⁵ Eleven months' average, January to December, excluding August, for which month no data are available.

Table 126.—WHOLESALE TRADE BY FEDERAL RESERVE DISTRICTS ¹

[Base year in bold-faced type]

YEAR AND MONTH	DRY GOODS										INDEX OF WHOLESALE TRADE ²	American Wholesale Corporation	
	MEATS ³	Weighted Index, 9 districts	New York	Cleveland	Richmond	Atlanta	Chicago	Kansas City	Dallas	San Francisco		Relative to 1913	Thous. of dollars
Index numbers relative to 1919													
1913 mo av.												100	1,366
1914 mo av.												95	1,303
1915 mo av.												101	1,380
1916 mo av.												132	1,807
1917 mo av.												152	2,071
1918 mo av.												156	2,170
1919 mo av.	100	100	100	100	100	100	100	100	100	100	100	216	2,914
1920 mo av.		115										233	3,188
1921 mo av.	55	86	91	84	81	70	84	125	89	90	74	213	2,903
1922 mo av.	56	88	89	84	78	70	91	120	87	98	75	183	2,502
1923 mo av.	63	99	103	101	86	82	99	129	100	108	83	199	2,717
1921													
September	55	115	112	107	119	116	114	170	126	123	82	313	4,276
October	61	105	104	101	110	99	103	142	127	113	81	273	3,461
November	43	74	86	81	72	60	83	115	82	99	68	193	2,700
December	46	65	87	64	45	37	53	99	48	67	62	134	1,831
1922													
January	49	81	81	77	65	52	88	128	60	77	64	229	3,133
February	49	80	92	76	61	56	80	116	79	75	63	132	1,806
March	51	88	90	83	79	72	91	124	78	92	74	163	2,228
April	48	75	77	71	66	63	75	105	72	82	66	154	2,107
May	58	76	78	74	62	60	81	99	72	88	73	128	1,750
June	63	79	79	72	67	56	84	108	70	91	77	135	1,818
July	59	80	71	62	71	68	85	114	89	93	72	251	3,468
August	56	111	106	96	107	95	109	138	132	125	81	225	3,073
September	60	116	106	102	100	91	131	153	125	129	85	202	2,764
October	68	108	108	105	100	97	104	141	123	121	89	237	3,214
November	54	94	94	95	87	79	90	119	88	124	81	202	2,763
December	57	70	81	91	61	51	70	93	49	76	71	136	1,837
1923													
January	58	101	96	106	98	89	103	155	109	104	78	311	4,249
February	55	95	109	99	89	81	93	152	95	93	76	174	2,377
March	65	108	117	113	95	124	112	161	89	119	86	181	2,472
April	62	86	89	93	68	67	89	134	69	101	79	134	1,836
May	64	83	83	90	65	62	85	129	72	106	80	125	1,702
June	65	88	109	90	71	57	88	126	74	95	84	140	1,916
July	64	88	88	88	75	66	106	129	96	99	79	259	3,537
August	67	114	107	127	108	94	118	140	147	133	88	231	3,151
September	73	117	123	123	115	112	123	135	140	121	91	234	3,195
October	73	112	135	119	112	104	112	120	148	136	96	262	3,583
November	65	90	101	95	85	80	94	107	112	105	85	211	2,879
December	65	66	79	74	48	45	63	62	46	83	72	125	1,703
1924													
January	66	98	104	90	92	74	100	110	110	94	80	281	3,815
February	63	99	113	97	83	75	91	112	109	99	78	163	2,226
March	62	90	103	88	69	69	89	98	77	103	79		
April	61	81	85	81	63	65	83	91	80	92	77		
May	64	73	78	67	53	53	73	82	75	92	76		
June	65	70	78	65	49	47	71	73	68	83	75		
July													
August													
September													
October													
November													
December													

¹ Compiled by the Federal Reserve Board, Division of Research and Statistics, except data for American Wholesale Corporation, which is furnished by that company.² Represents a combined weighted index based upon the total value of their production in the year 1919. For details and methods of computation see Federal Reserve Bulletin for April, 1923.³ Weighted average based upon the total volume of wholesale trade in lines separately shown on this and the preceding page.

Table 127.—DISTRIBUTION MOVEMENT

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	MAIL-ORDER HOUSES ¹				CANDY	POSTAL RECEIPTS			POSTAL MONEY ORDER				ADVERTISING	
	Total sales		Sears, Roebuck & Co.	Montgomery Ward & Co.		Sales by manufactures ²	Total receipts ³		Second class mail ⁴ (quarterly)	Domestic ⁵		Foreign ⁶	Magazine ⁷	Newspaper ⁸
	4 houses	2 houses					50 selected cities	50 industrial cities		Paid	Issued			
								Number	Value	Number	Value			
	Relative to 1919	Relative to 1920				Relative to 1919	Relative to 1922	Relative to 1919				Relative to 1913	Relative to 1919	
1913 monthly average.....	100	100	100				100				175	100		
1914 monthly average.....	105	106	103				103				153	95		
1915 monthly average.....	120	118	124				106	81	53	69	53	125	94	
1916 monthly average.....	154	154	156			74	115	93	62	78	59	122	116	
1917 monthly average.....	186	187	199			80	113	92	69	85	68	93	122	
1918 monthly average.....		203	208	201		93	133	87	77	90	82	90	110	
1919 monthly average.....	100	264	270	267	94	100	200	100	100	100	100	100	154	
1920 monthly average.....	103	264	266	278	100	113	234	104	111	108	115	63	188	
1921 monthly average.....	72	188	186	191	70	113	194	106	99	111	108	51	121	
1922 monthly average.....	79	201	191	233	77	125	100	121	105	123	113	63	129	
1923 monthly average.....	99	259	226	339	81	136	111	286	134	121	142	117	160	
1922														
May.....	70	194	182	193	62	122	96	119	100	123	123	45	150	
June.....	69	174	137	261	57	121	94	262	125	103	123	105	59	
July.....	58	154	154	154	55	106	93	102	89	112	105	57	110	
August.....	57	157	153	168	50	116	98	108	96	117	110	59	102	
September.....	75	190	180	214	63	124	97	253	112	105	118	111	60	
October.....	109	268	250	311	86	135	108	132	125	127	117	71	156	
November.....	110	277	254	332	86	135	103	132	123	126	115	82	153	
December.....	108	287	261	351	110	159	123	284	158	128	147	127	138	
1923														
January.....	89	243	238	256	101	136	115	157	111	138	125	83	114	
February.....	84	232	215	274	81	126	104	119	101	126	115	73	141	
March.....	112	290	248	392	82	152	119	306	155	138	156	140	91	
April.....	103	272	241	348	78	133	107	136	117	141	125	88	188	
May.....	98	260	232	326	78	135	107	137	122	141	130	98	185	
June.....	86	221	167	351	72	129	102	288	137	120	140	128	105	
July.....	74	199	188	226	65	115	101	114	104	134	123	111	141	
August.....	73	198	175	255	58	123	106	116	108	129	123	119	123	
September.....	92	231	202	301	54	127	105	257	117	112	128	120	119	
October.....	134	335	283	458	93	148	121	146	143	150	138	179	185	
November.....	122	306	256	426	100	144	112	141	134	146	133	153	184	
December.....	118	316	261	455	110	171	133	296	154	140	172	147	185	
1924														
January.....	98	271	242	339	114	142	123	140	119	160	134	93	143	
February.....	96	270	224	380	79	137	117	135	115	149	130	82	159	
March.....	105	279	218	425	69	149	126	312	154	166	176	153	116	
April.....	114	300	252	415	85	146	121	155	135	162	140	108	203	
May.....	90	213	205	335	82	141	114	103	125	156	140	110	197	
June.....	89	239	175	394		128	111	137	119	153	131	103	181	
July.....		196	134	261		124						109	116	
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹ Sales of 4 principal mail-order houses compiled by Federal Reserve Board and include Sears, Roebuck & Co., Montgomery Ward & Co., National Cloak & Suit Co., and Larkin & Co. Data on two chief houses, extending back to 1913, total the sales of Sears, Roebuck & Co. and Montgomery Ward & Co.

² Candy sales from U. S. Treasury Department, Bureau of Internal Revenue, computed on the basis of a 5 per cent excise tax prior to January, 1922, and since January, 1922, on the basis of a 3 per cent tax (revenue act of 1918 superseded by revenue act of 1921). This column thus represents actual value of sales, not the taxes paid on sales, and as manufacturers are allowed 30 days in which to pay their internal revenue taxes, these figures represent sales for the month previous to that stated.

³ Data from U. S. Post Office Department. The 50 selected cities cover the largest cities in the country, the industrial cities comprising the next largest. The war revenue act of Oct. 3, 1917, provided for an increase in the rate for first-class letter mail from 2 cents per ounce or fraction thereof prior to Nov. 1, 1917, to 3 cents per ounce or fraction thereof, from Nov. 1, 1917, to July 1, 1919, and an increase of the rate on postal and post cards from 1 cent to 2 cents each during the same period. Since July 1, 1919, the old rates on first-class mail have been restored.

⁴ Note that these data from U. S. Post Office Department represent quarters ending in the months specified and the annual figures represent quarterly averages for each year, not monthly averages. The war revenue act of Oct. 3, 1917, provided for a series of graduated annual rate increases on second-class mail as follows, compared with a flat rate of 1 cent per pound previous to July 1, 1918. From July 1, 1918, to June 30, 1919, 1½ cents, and since July 1, 1919, 1½ cents per pound, these changes applying, regardless of zone or distance, to portions of publications devoted to reading matter. For the advertising portions the country was divided into eight zones, each with a graduated rate and its corresponding annual increases, beginning with July 1, 1918, and reaching the maximum on July 1, 1921, making, for the first time, a differentiation between the rates on reading and advertising matter.

Table 128.—DISTRIBUTION MOVEMENT

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	MAIL-ORDER HOUSES ¹				CANDY	POSTAL RECEIPTS			POSTAL MONEY ORDERS				ADVERTISING				
	Total, ⁴ houses	Total, ² houses	Sears, Roebuck & Co.	Montgomery Ward & Co.		Sales by manufacturers ²	Total ³		Domestic ⁵ (50 principal cities)		Foreign ⁶	Magazine ⁷	Newspaper ⁸				
					50 selected cities		50 industrial cities	Second class ⁴ (quarterly)	Paid					Issued			
	Thousands of dollars											Number	Value	Number	Value	Thousands of	
												Thous- ands	Thous- ands of dollars	Thous- ands	Thousands of dollars	Thousands of agate lines	
1913 monthly average		\$11,275	\$7,965	\$3,310				\$2,525			\$5,190	1,224					
1914 monthly average		11,847	8,427	3,420				2,598			4,537	1,161					
1915 monthly average		37,693	30,233	21,217				2,684	6,313	\$34,812	1,315	\$11,407	3,719	1,147			
1916 monthly average		17,407	12,237	5,178				2,898	7,248	40,592	1,470	12,702	3,609	1,415	61,440		
1917 monthly average		20,982	14,856	6,592				2,860	7,149	44,863	1,610	14,657	2,748	1,490	62,671		
1918 monthly average		22,891	16,544	6,664				3,367	6,784	50,537	1,711	17,837	2,650	1,344	61,067		
1919 monthly average	\$36,569	29,772	21,494	8,838	\$37,411	18,380		5,051	7,773	65,356	1,895	21,713	2,970	1,800	83,859		
1920 monthly average	37,693	30,233	21,217	9,192	39,670	20,688		5,914	8,098	72,432	2,059	25,017	1,858	2,305	95,832		
1921 monthly average	26,190	21,970	14,834	6,330	27,707	20,759	\$2,157	1,808	8,211	64,827	2,107	23,351	1,519	1,480	86,691		
1922 monthly average	28,095	22,969	15,180	7,706	30,538	22,901	2,333	6,851	9,409	68,462	2,340	24,544	1,859	1,573	91,131		
1923 monthly average	36,098	29,182	17,962	11,220	32,312	25,085	2,593	7,233	10,391	78,913	2,684	28,005	3,460	1,953	97,540		
1922																	
May	25,579	21,855	14,478	6,377	24,783	22,375	2,239		9,240	65,611	2,323	26,706	1,347	1,830	97,660		
June	25,142	19,565	10,910	8,655	22,645	22,231	2,194	6,626	9,743	67,568	2,335	22,718	1,754	1,644	90,753		
July	21,852	17,355	12,245	5,110	21,791	19,543	2,161		7,923	57,985	2,125	22,694	1,680	1,351	79,505		
August	20,926	17,709	12,156	5,553	23,336	21,372	2,295		8,147	62,563	2,218	23,912	1,751	1,243	78,637		
September	27,456	21,464	14,375	7,080	24,897	22,764	2,257	6,384	8,678	68,710	2,233	24,128	1,789	1,455	88,034		
October	39,731	30,222	19,933	10,289	31,255	24,777	2,523		10,277	81,420	2,410	25,382	2,120	1,907	105,542		
November	40,376	31,201	20,197	11,004	33,990	24,812	2,414		10,267	80,246	2,395	25,046	2,427	1,877	100,877		
December	39,417	32,385	20,756	11,029	43,093	29,150	2,872	7,181	12,298	83,484	2,789	27,610	4,103	1,817	100,778		
1923																	
January	32,521	27,407	18,930	8,477	30,958	24,935	2,694		10,233	72,266	2,619	27,226	2,472	1,399	90,282		
February	30,573	26,178	17,115	9,063	32,007	23,082	2,430		9,238	65,725	2,381	24,608	2,166	1,730	83,668		
March	41,160	32,730	19,755	12,975	32,398	27,870	2,784	7,714	12,061	90,117	2,949	30,401	2,688	2,002	101,790		
April	37,540	30,691	19,178	11,513	31,030	24,374	2,505		10,563	76,616	2,670	27,202	2,606	2,298	108,432		
May	35,837	29,261	18,465	10,796	31,073	24,902	2,497		10,681	79,664	2,671	28,238	2,901	2,270	109,287		
June	31,487	24,945	13,333	11,612	23,576	23,802	2,383	7,266	10,693	78,590	2,657	27,723	3,105	2,108	98,359		
July	27,128	22,453	14,961	7,492	25,953	21,462	2,350		8,865	67,562	2,535	26,680	3,371	1,726	88,757		
August	26,763	22,334	13,909	8,425	22,886	22,624	2,484		9,008	70,860	2,440	26,744	3,539	1,505	80,653		
September	33,477	26,052	16,103	9,949	21,418	23,272	2,438	6,479	9,104	73,020	2,421	26,151	3,548	1,780	98,014		
October	49,664	37,743	22,577	15,166	36,807	27,235	2,826		11,319	93,284	2,830	29,999	5,316	2,263	109,293		
November	44,601	34,528	20,416	14,112	39,767	26,531	2,609		10,948	87,639	2,775	28,974	4,541	2,247	105,588		
December	43,125	35,860	20,797	15,063	45,823	31,351	3,114	7,476	11,985	91,314	3,250	31,812	5,491	2,109	102,475		
1924																	
January	35,936	30,508	19,203	11,205	45,375	26,031	2,859		10,867	77,642	3,028	29,118	2,773	1,746	92,172		
February	35,027	30,468	17,878	12,590	31,497	25,264	2,728		10,452	75,404	2,823	28,189	2,439	1,945	88,928		
March	38,529	31,450	17,381	14,069	27,544	27,463	2,950	7,881	11,993	108,773	3,337	33,265	3,450	2,219	104,341		
April	41,697	33,836	20,099	13,737	33,566	26,918	2,818		12,046	87,981	3,062	30,360	3,211	2,482	107,369		
May	32,831	27,404	16,318	11,086	32,483	25,915	2,651		8,066	81,618	2,950	30,434	3,255	2,411	105,500		
June	32,470	26,978	13,939	13,039		23,524	2,597		10,659	77,450	2,891	28,405	3,050	2,212	97,668		
July		22,069	13,416	8,653		22,728							3,225				
August																	
September																	
October																	
November																	
December																	

See footnotes on opposite page also.

¹ Total of 50 cities transacting two-thirds of the total money-order business of the country, from the U. S. Post Office Department. Money orders paid include, in addition to those both issued and payable in the 50 cities, those presented for payment but issued at any of the other offices in the United States and the 22 foreign countries, mostly in North America and West Indies, to which domestic postage rates apply.

² Money orders issued to 10 principal foreign countries, representing approximately 95 per cent of total money orders issued by U. S. Post Office Department. The countries are Great Britain, Canada, Mexico, France, Italy, Netherlands, Denmark, Norway, Sweden, and Japan.

³ These figures represent the number of lines of advertising carried by the leading magazines dated for the month noted, as compiled by *Printers' Ink*.

⁴ Compiled by the *New York Evening Post* from 22 identical cities: New York, Chicago, Philadelphia, Detroit, Cleveland, St. Louis, Boston, Baltimore, Los Angeles, Buffalo, San Francisco, Milwaukee, Washington, Cincinnati, New Orleans, Minneapolis, Indianapolis, Columbus, Louisville, St. Paul, Birmingham, and Houston. For the years 1916 to 1918 no reports were available for Boston, Louisville, Houston, and Columbus. The totals for those years were computed from the actual reports of the 18 other cities, allowing 13.85 per cent of the total to the four missing cities, the average ratio of those cities to the total in the subsequent years.

⁵ Six months' average, July to December, inclusive.

Table 129.—CHAIN-STORE SALES

(Index numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	GROCERIES (28 chains) ¹		FIVE AND TEN (5 chains)		DRUG (10 chains)		CIGAR (3 chains)		SHOE (6 chains)		MUSIC (4 chains)		CANDY (4 chains)	
	Actual	With seasonal correc- tion ²	Actual	With seasonal correc- tion ²	Actual	With seasonal correc- tion ²	Actual	With seasonal correc- tion ²	Actual	With seasonal correc- tion ²	Actual	With seasonal correc- tion ²	Actual	With seasonal correc- tion ²
Relative to 1919														
1919 monthly average.....	100		100		100		100		100		100		100	
1920 monthly average.....	146		120		121		133		120		109		138	
1921 monthly average.....	130		124		123		132		113		86		142	
1922 monthly average.....	151		140		127		128		114		101		147	
1923 monthly average.....	186		165		144		135		123		113		176	
1921														
January.....	129	128	86	119	118	122	120	137	88	118	79	94	121	144
February.....	124	120	93	124	112	123	117	186	83	122	78	93	110	140
March.....	135	125	121	128	126	126	132	137	136	142	82	88	158	164
April.....	125	123	112	117	124	127	135	140	136	113	75	88	135	133
May.....	121	121	112	116	121	124	130	128	132	114	65	79	135	139
June.....	122	124	110	118	122	125	128	134	123	117	60	76	137	149
July.....	119	124	108	117	125	123	129	130	95	100	55	74	142	145
August.....	125	131	116	121	122	121	128	131	82	104	72	81	145	144
September.....	124	130	113	121	121	122	128	130	97	105	82	81	140	140
October.....	140	136	141	131	125	123	138	130	129	114	99	83	141	137
November.....	139	138	133	128	117	124	125	124	116	105	107	88	129	135
December.....	152	145	242	133	147	121	173	128	143	111	173	92	204	138
1922														
January.....	141	141	94	130	118	121	111	126	82	110	116	86	72	133
February.....	135	141	100	134	115	126	109	128	80	118	120	83	75	142
March.....	155	143	117	124	124	124	124	129	99	103	134	87	81	140
April.....	145	143	134	141	121	124	125	130	151	125	151	92	79	143
May.....	145	145	129	134	124	127	129	127	124	107	142	98	81	147
June.....	146	149	126	136	124	127	123	129	119	113	137	104	81	143
July.....	143	148	126	137	127	125	127	129	105	110	141	111	83	144
August.....	146	153	130	136	129	129	127	131	84	107	149	113	99	149
September.....	151	158	135	144	129	130	135	137	116	126	154	116	118	154
October.....	159	154	155	144	123	131	127	119	121	107	150	100	119	146
November.....	167	165	151	145	123	131	127	126	123	111	145	100	121	152
December.....	176	168	279	154	162	133	179	132	162	126	220	109	204	149
1923														
January.....	171	170	115	160	129	133	116	132	86	114	95	113	132	157
February.....	169	176	117	156	126	138	110	128	72	106	88	104	133	156
March.....	205	189	162	171	145	145	135	140	145	151	96	104	167	195
April.....	179	177	142	149	135	138	125	130	125	104	99	115	159	156
May.....	189	188	154	160	142	145	137	135	143	124	100	121	170	175
June.....	183	186	154	167	149	152	136	142	144	136	97	124	176	191
July.....	177	184	143	155	141	139	128	129	102	107	82	110	176	180
August.....	179	187	153	160	145	145	135	139	95	121	103	117	179	178
September.....	182	191	151	161	143	144	140	142	127	138	102	100	176	176
October.....	200	193	180	167	152	149	138	130	139	123	137	114	185	180
November.....	201	200	176	169	141	150	134	133	131	119	149	123	174	183
December.....	201	192	331	183	185	152	192	142	171	133	214	114	261	173
1924														
January.....	203	202	126	175	141	145	119	135	99	132	84	100	154	183
February.....	199	198	140	187	143	157	124	144	93	138	97	114	166	195
March.....	197	182	163	170	149	147	136	140	118	118	99	110	181	179
April.....	208	205	178	190	145	149	130	136	178	153	88	109	208	208
May.....	211	210	174	183	150	153	143	141	150	130	82	99	189	196
June.....	196	200	162	177	146	145	131	134	140	132	75	94	176	188
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page.

Table 130.—CHAIN-STORE SALES¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	GROCERIES (28 chains) ²		FIVE AND TEN (5 chains)		DRUG (10 chains)		CIGAR (3 chains)		SHOE (6 chains)		MUSIC (4 chains)		CANDY (4 chains)	
	Thousands of dollars	Number of stores	Thousands of dollars	Number of stores	Thousands of dollars	Number of stores	Thousands of dollars	Number of stores	Thousands of dollars	Number of stores	Thousands of dollars	Number of stores	Thousands of dollars	Number of stores
1919 monthly average.....	\$23,526		\$17,100		\$3,917		\$5,935		\$2,337		\$965		\$919	
1920 monthly average.....	41,535		20,491		4,737		7,852		2,804		959		1,308	
1921 monthly average.....	36,968		21,160		4,826		7,800		2,651		774		1,318	
1922 monthly average.....	43,002		23,875		4,985		7,591		2,663		914		1,391	
1923 monthly average.....	53,092	16,998	28,172		5,656		8,025		2,880		1,026		1,666	
1921														
January.....	56,728		14,699		4,638		7,105		2,062		715		1,152	
February.....	35,277		15,874		4,387		6,601		1,935		709		1,121	
March.....	38,563		20,631		4,914		7,810		3,188		741		1,499	
April.....	35,672		19,073		4,846		7,982		3,188		679		1,282	
May.....	34,631		19,134		4,749		7,671		3,080		589		1,278	
June.....	34,767		18,732		4,795		7,574		2,883		542		1,300	
July.....	33,953		18,456		4,860		7,615		2,224		499		1,310	
August.....	35,655		19,756		4,760		7,559		1,907		618		1,377	
September.....	35,297		19,306		4,725		7,584		2,260		744		1,521	
October.....	39,993		24,118		4,904		8,176		3,018		897		1,341	
November.....	39,762		22,815		4,562		7,393		2,720		968		1,224	
December.....	43,320		41,319		5,755		10,235		3,334		1,562		1,931	
1922														
January.....	40,319		16,070		4,601		6,577		1,916		649		1,163	
February.....	38,437		17,108		4,504		6,473		1,863		678		1,110	
March.....	44,342		20,080		4,843		7,367		2,318		710		1,272	
April.....	41,459		22,921		4,734		7,378		3,535		714		1,450	
May.....	41,304		22,004		4,840		7,269		2,906		732		1,310	
June.....	41,716		21,576		4,864		7,310		2,784		730		1,297	
July.....	40,743		21,497		4,965		7,541		2,447		751		1,335	
August.....	41,758		22,157		5,040		7,521		1,972		897		1,418	
September.....	42,947		23,070		5,052		8,025		2,713		1,070		1,456	
October.....	45,347		26,536		5,221		7,528		2,837		1,075		1,426	
November.....	47,495		25,854		4,826		7,519		2,871		1,092		1,373	
December.....	50,162		47,623		6,321		10,586		3,791		1,844		2,060	
1923														
January.....	48,775	13,960	19,692	1,761	5,064	465	6,847	2,754	1,998	322	860	58	1,251	98
February.....	48,113	14,152	19,928	1,783	4,919	477	6,499	2,737	1,678	328	795	58	1,257	99
March.....	58,332	14,457	27,726	1,800	5,074	484	7,968	2,732	3,388	334	869	58	1,777	104
April.....	51,664	14,743	24,216	1,796	5,289	483	7,394	2,747	2,919	335	894	58	1,506	118
May.....	53,763	15,136	26,270	1,827	5,563	488	8,089	2,747	3,345	337	905	59	1,610	129
June.....	52,046	15,396	26,365	1,817	5,843	488	8,074	2,769	3,352	342	880	59	1,670	134
July.....	50,888	15,795	24,448	1,813	5,595	492	7,566	2,759	2,384	344	745	59	1,671	135
August.....	50,984	15,998	26,120	1,817	5,696	492	8,019	2,754	2,220	339	929	59	1,700	135
September.....	51,973	16,208	25,766	1,828	5,585	500	8,281	2,747	2,972	354	923	59	1,669	136
October.....	56,752	16,594	30,808	1,847	5,962	506	8,197	2,700	3,243	359	1,235	59	1,758	120
November.....	57,456	16,807	30,049	1,872	5,507	518	7,925	2,698	3,069	362	1,316	59	1,632	119
December.....	57,258	16,995	56,644	1,882	7,261	514	11,435	2,705	3,992	364	1,933	59	2,472	115
1924														
January.....	57,902	17,333	21,531	1,893	5,506	520	7,052	2,770	2,308	365	761	59	1,460	114
February.....	56,563	17,475	23,881	1,894	5,583	521	7,535	2,699	2,166	371	876	57	1,570	116
March.....	56,261	17,652	27,922	1,920	5,831	522	8,012	2,721	2,754	363	894	57	1,717	122
April.....	59,334	17,905	30,398	1,933	5,683	524	7,713	2,741	4,170	368	795	56	1,975	130
May.....	60,065	18,171	29,822	1,930	5,888	525	8,499	2,758	3,516	405	741	56	1,792	142
June.....	55,959	18,443	27,736	1,952	5,610	526	7,748	2,772	3,270	406	677	56	1,669	149
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

¹ Compiled by the Federal Reserve Board, Division of Research and Statistics.² Based on variations in the four-year period 1919 to 1922. For details of computation see *Federal Reserve Bulletin* for January, 1924. Correction of the actual indexes given above opposite the numerical data, to eliminate seasonal variation, may be accomplished by dividing the index for each month by the seasonal index for the corresponding month given in the table on page 154 of the February, 1924, issue (No. 30) of the *SURVEY OF CURRENT BUSINESS*.³ These data because of various consolidations and insolvencies represent 31 of the former 32 chains published in the *SURVEY*. Correction throughout the series has been made for the defunct chain, whose industrial stores are now carried on by local grocers.

Table 131.—TEN-CENT CHAIN STORES¹

[Base year in bold-faced type]

YEAR AND MONTH	SALES						TOTAL (4 chains)			F. W. WOOL- WORTH CO.		S. S. KRESGE CO.		MC CRORY STORES CORP.		S. H. KRESS & CO.	
	Total (4 chains)	Average per store	F. W. Wool- worth Co.	S. S. Kresge Co.	Mc- Croy Stores Corp.	S. H. Kress & Co.	Sales	Average per Store	Stores	Sales	Stores	Sales	Stores	Sales	Stores	Sales	Stores
	Relative to 1913						Thous. of dol.	Thous. of dol.	Num- ber	Thous. of dol.	Num- ber ²	Thous. of dol.	Num- ber	Thous. of dol.	Num- ber	Thous. of dol.	Num- ber
	RELATIVE NUMBERS						NUMERICAL DATA										
1913 mo. av.	100		100	100	100	100	\$7,972			\$5,519	684	\$1,105	100	\$450		\$898	
1914 mo. av.	107		105	121	91	110	8,544			5,801	737	1,341	118	411		991	
1915 mo. av.	120		115	158	104	115	9,582			6,383	805	1,745	140	468		1,036	
1916 mo. av.	141		131	199	126	140	11,278			7,257	920	2,200	161	566		1,255	
1917 mo. av.	161		148	227	146	164	12,806			8,174	1,000	2,508	165	655		1,469	
1918 mo. av.	182		162	274	178	196	14,520			8,931	1,039	3,026	169	800		1,763	
1919 mo. av.	210	100	180	322	213	234	16,705	\$10,948	1,545	9,958	1,081	3,556	171	957	148	2,104	145
1920 mo. av.	246	114	213	387	266	269	19,624	12,473	1,600	11,741	1,111	4,270	188	1,198	156	2,415	145
1921 mo. av.	258	116	223	421	264	268	20,561	12,694	1,637	12,302	1,187	4,655	199	1,195	169	2,409	142
1922 mo. av.	293	128	252	492	316	284	23,344	13,999	1,694	13,934	1,176	5,433	212	1,423	161	2,554	145
1923 mo. av.	346	143	292	617	396	316	27,556	15,638	1,812	16,121	1,260	6,820	233	1,781	167	2,834	152
1922																	
January.....	197	88	172	326	214	182	15,708	9,594	1,637	9,517	1,140	3,598	197	961	159	1,632	141
February.....	210	93	183	341	232	204	16,723	10,188	1,642	10,080	1,144	3,763	193	1,045	159	1,835	141
March.....	247	109	215	406	268	238	19,667	11,950	1,646	11,847	1,147	4,481	199	1,205	159	2,134	141
April.....	281	124	244	471	306	267	22,422	13,581	1,651	13,439	1,150	5,208	201	1,379	159	2,396	141
May.....	270	119	233	444	274	289	21,533	13,001	1,656	12,884	1,153	4,903	202	1,235	159	2,511	142
June.....	264	116	225	448	270	270	21,010	12,653	1,661	12,343	1,157	4,945	203	1,214	159	2,508	142
July.....	263	115	223	444	287	251	20,997	12,605	1,666	12,557	1,160	4,901	205	1,289	159	2,250	142
August.....	272	119	235	464	304	248	21,676	12,980	1,670	12,990	1,163	5,122	205	1,369	160	2,225	142
September.....	284	123	245	491	303	257	22,621	13,503	1,675	13,508	1,166	5,423	203	1,386	160	2,304	141
October.....	326	142	286	545	319	311	26,026	15,506	1,679	15,774	1,170	6,019	208	1,436	160	2,797	141
November.....	318	137	289	571	352	288	25,313	15,016	1,686	14,835	1,173	6,313	211	1,585	161	2,580	141
December.....	582	250	497	952	660	610	46,423	27,404	1,694	27,463	1,176	10,515	212	2,968	161	5,477	145
1923																	
January.....	242	103	200	446	273	229	19,265	11,312	1,703	11,049	1,183	4,929	214	1,227	161	2,060	145
February.....	245	104	203	451	279	223	19,508	11,408	1,710	11,234	1,190	5,016	213	1,256	162	2,002	145
March.....	341	144	286	629	394	296	27,161	15,791	1,720	15,782	1,197	6,950	216	1,773	162	2,656	145
April.....	298	126	253	530	326	278	23,764	13,744	1,729	13,940	1,204	5,862	217	1,466	164	2,496	144
May.....	322	135	268	576	304	321	25,096	14,776	1,739	14,799	1,211	6,370	219	1,640	165	2,887	144
June.....	323	135	270	587	380	298	25,785	14,743	1,749	14,912	1,218	6,485	220	1,711	165	2,677	146
July.....	300	124	254	520	360	284	23,920	13,606	1,758	14,002	1,225	5,746	220	1,619	166	2,533	147
August.....	321	132	271	574	383	281	25,551	14,460	1,767	14,964	1,232	6,333	221	1,722	166	2,527	148
September.....	316	130	268	572	371	271	25,198	14,188	1,776	14,775	1,239	6,324	222	1,668	166	2,431	149
October.....	379	154	328	656	417	332	30,193	16,858	1,791	18,085	1,246	7,246	223	1,877	166	2,985	151
November.....	369	149	313	679	406	308	29,387	16,290	1,804	17,283	1,253	7,508	233	1,827	166	2,769	152
December.....	692	278	501	1,183	795	664	55,237	30,484	1,812	32,626	1,260	13,070	233	3,579	167	5,962	152
1924																	
January.....	265	106	220	494	300	240	21,096	11,636	1,813	12,134	1,260	5,457	233	1,352	168	2,153	152
February.....	294	118	243	545	353	261	23,495	12,895	1,815	13,431	1,260	6,019	235	1,612	168	2,344	152
March.....	343	136	288	622	403	304	27,344	14,918	1,833	15,903	1,260	6,875	235	1,835	186	2,731	152
April.....	297	146	317	667	463	336	29,725	16,007	1,857	17,257	1,293	7,370	240	2,085	170	3,013	154
May.....	366	143	309	648	436	336	29,212	15,689	1,862	17,075	1,269	7,157	240	1,963	169	3,017	154
June.....	341	132	281	586	417	375	27,210	14,435	1,835	15,485	1,316	6,478	242	1,877	170	3,370	157
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

¹ This table is submitted in response to a demand for publication of the figures of sales of the large individual chains, as compiled from published reports in financial papers or reported directly by the companies. Sales data represent the retail sales in dollar values of the ten-cent chains shown, while the annual figures of stores operated represent not an average of stores in operation for the year, but the stores operated at the end of each year.

² Prior to 1923, monthly figures on stores operated have not been made available for this company, so that the gain in stores during the year has been divided as equally as possible between each month in 1921 and 1922.

Table 132.—OTHER CHAIN STORES¹

(Base year in bold-faced type)

YEAR AND MONTH	J. C. Penney Co.	United Cigar Stores Co.	A. Schulte Inc. (cigars)	Owl Drug Co.	J. C. Penney Co.		United Cigar Stores Co.		A. Schulte, Inc. (cigars)		Owl Drug Co.	
	RELATIVE NUMBERS				NUMERICAL DATA							
	Relative to 1913	Relative to 1913	Relative to 1919	Relative to 1913	Thous. of dols.	Number of stores ²	Thous. of dols.	Number of stores ²	Thous. of dols.	Number of stores ²	Thous. of dols.	Number of stores ²
1913 monthly average.....	100	100	-----	100	\$220	-----	\$2,465	-----	-----	-----	\$325	18
1914 monthly average.....	135	101	-----	111	297	-----	2,492	-----	-----	-----	360	20
1915 monthly average.....	183	105	-----	112	402	-----	2,587	-----	-----	-----	364	22
1916 monthly average.....	319	121	-----	117	701	-----	2,985	-----	-----	-----	381	25
1917 monthly average.....	564	145	-----	136	1,240	-----	3,576	-----	-----	-----	443	26
1918 monthly average.....	811	176	-----	174	1,778	-----	4,336	-----	-----	-----	566	29
1919 monthly average.....	1,092	210	100	246	2,398	197	5,172	-----	\$672	224	798	32
1920 monthly average.....	1,623	269	161	317	3,569	312	6,637	-----	1,084	224	1,030	36
1921 monthly average.....	1,767	257	183	350	3,887	313	6,339	-----	1,230	224	1,138	40
1922 monthly average.....	1,857	247	204	366	4,086	371	6,070	-----	1,370	224	1,190	43
1923 monthly average.....	2,356	254	248	445	5,183	475	6,272	2,439	1,666	-----	1,446	77
1922												
January.....	984	199	163	324	2,165	313	4,898	-----	1,097	224	1,053	40
February.....	1,089	194	162	312	2,395	312	4,704	-----	1,091	224	1,013	41
March.....	1,433	244	189	343	3,153	312	6,013	-----	1,278	224	1,130	41
April.....	1,792	244	192	332	3,943	311	6,012	-----	1,288	224	1,079	41
May.....	1,849	253	197	344	4,067	311	6,226	-----	1,321	224	1,117	41
June.....	1,813	241	193	360	3,938	312	5,932	-----	1,296	224	1,169	43
July.....	1,455	247	203	363	3,202	313	6,100	-----	1,360	224	1,181	43
August.....	1,556	246	205	381	3,424	349	6,064	-----	1,374	224	1,238	43
September.....	2,160	260	226	362	4,753	368	6,421	-----	1,516	224	1,177	43
October.....	2,696	246	204	421	5,932	371	6,074	-----	1,369	224	1,368	43
November.....	2,599	244	210	338	5,717	371	6,025	-----	1,412	224	1,160	43
December.....	2,862	349	305	510	6,297	371	8,385	-----	2,049	224	1,658	43
1923												
January.....	1,273	221	198	377	2,890	371	5,440	2,507	1,331	228	1,226	71
February.....	1,283	269	189	372	2,823	372	5,158	2,487	1,269	230	1,210	72
March.....	1,994	255	238	423	4,387	378	6,281	2,481	1,601	231	1,374	72
April.....	2,026	234	229	383	4,458	382	5,775	2,490	1,539	238	1,241	71
May.....	2,287	260	239	412	5,032	381	6,402	2,488	1,608	211	1,338	71
June.....	2,382	257	246	462	5,210	383	6,342	2,501	1,655	210	1,501	73
July.....	1,767	241	231	438	3,888	384	5,929	2,496	1,555	215	1,423	73
August.....	1,950	254	249	448	4,289	429	6,264	2,490	1,670	216	1,457	73
September.....	2,732	260	265	425	6,010	460	6,419	2,480	1,784	249	1,381	76
October.....	3,451	258	263	520	7,592	468	6,355	2,435	1,765	249	1,691	78
November.....	3,271	250	250	433	7,196	472	6,158	2,433	1,631	219	1,108	77
December.....	3,852	355	377	644	8,475	475	8,739	2,439	2,531	250	2,094	77
1924												
January.....	1,576	219	238	441	3,468	473	5,396	2,447	1,597	250	1,432	80
February.....	1,685	228	246	431	3,708	475	5,619	2,436	1,656	250	1,401	80
March.....	2,161	250	270	434	4,755	488	6,164	2,458	1,813	250	1,412	84
April.....	2,705	240	258	372	5,951	497	5,911	2,480	1,737	248	1,210	84
May.....	2,792	263	288	428	6,143	499	6,491	2,497	1,937	217	1,390	85
June.....	2,558	240	263	428	5,027	500	5,914	2,503	1,766	250	1,390	85
July.....	2,158	-----	-----	-----	4,748	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ This table is submitted in response to a demand for publication of sales information of individual stores, which have been compiled from published reports in financial papers or reported directly by the company to the Bureau of the Census. These sales data represent money values.

² Yearly data represent number of stores in operation at end of the year indicated.

Table 133.—DEPARTMENT-STORE SALES¹

[Index numbers for base year in bold-faced type]

YEAR AND MONTH	VALUE OF SALES, BY FEDERAL RESERVE DISTRICTS										TOTAL U. S. (333 stores)	
	Boston (24 stores)	New York (61 stores)	Phila- delphia (22 stores)	Cleve- land (27 stores)	Rich- mond (19 stores)	Atlanta (35 stores)	Chicago (67 stores)	Minne- apolis (23 stores) ²	Dallas (21 stores) ²	San Francisco (31 stores)	Index	Thous. of dol.
1919 mo. average	100	100	100	100	100	100	100	100	100	100	100	\$98,688
1920 mo. average	116	119	118	128	113	119	123	112	120	121	120	118,246
1921 mo. average	114	114	112	114	106	101	110	102	99	116	110	110,131
1922 mo. average	119	116	114	114	101	94	114	99	92	121	111	111,885
1923 mo. average	127	126	127	132	109	104	132	105	98	139	124	123,926
1920												
September	109	102	94	123	101	107	114	112	117	117	110	106,785
October	123	136	130	140	129	133	131	121	136	130	132	130,883
November	134	143	153	147	136	136	132	120	139	122	137	137,196
December	178	186	174	194	188	185	185	158	180	188	183	181,396
1921												
January	109	107	105	121	92	91	97	94	93	109	103	103,786
February	86	89	96	100	84	88	90	77	88	94	90	89,837
March	121	119	107	129	118	113	115	106	113	117	117	115,696
April	118	116	131	122	108	101	114	114	98	111	114	114,494
May	118	113	112	116	107	106	116	107	103	115	113	111,805
June	122	114	113	117	112	95	109	105	99	108	111	110,417
July	78	78	75	81	77	74	84	82	71	93	80	78,676
August	83	75	82	83	76	75	90	91	70	113	84	82,376
September	98	92	85	92	84	83	103	98	91	109	95	93,066
October	123	139	126	120	120	120	117	110	114	124	124	125,031
November	124	131	138	114	117	110	118	104	104	116	120	121,351
December	188	191	170	165	178	155	164	137	149	181	173	175,042
1922												
January	100	99	94	90	76	74	90	78	75	100	90	91,588
February	84	85	89	81	72	73	80	65	71	84	80	81,287
March	111	110	108	104	91	85	95	89	91	111	102	103,498
April	127	119	119	119	106	98	115	106	87	111	113	113,822
May	125	118	115	114	103	98	120	104	97	134	115	115,301
June	124	115	114	118	103	86	114	93	89	112	110	110,950
July	83	78	73	84	71	70	86	78	65	97	80	79,146
August	89	79	84	90	73	74	95	91	68	120	87	86,367
September	116	107	99	107	91	86	118	103	101	114	106	105,491
October	137	145	133	134	119	114	127	115	105	137	130	132,138
November	137	142	153	131	122	113	134	105	105	132	131	133,449
December	200	200	191	194	185	162	190	157	149	206	189	189,677
1923												
January	106	108	107	106	84	83	104	87	81	115	101	102,617
February	92	88	101	97	80	78	96	72	73	102	90	90,299
March	127	124	133	139	115	106	128	105	99	135	124	124,383
April	128	122	115	129	101	101	131	114	89	124	119	118,839
May	133	129	128	136	112	108	136	113	106	147	128	128,246
June	136	128	133	143	115	102	137	109	92	128	127	126,874
July	90	85	82	97	83	77	96	79	67	116	89	88,537
August	99	87	93	109	83	81	119	96	69	136	100	98,116
September	116	112	104	119	90	92	128	103	102	127	112	111,551
October	144	159	154	156	130	132	153	119	125	160	148	149,387
November	146	152	169	144	124	120	148	110	112	146	142	144,519
December	210	213	203	210	188	163	208	154	158	236	202	203,740
1924												
January	120	118	111	115	88	85	112	87	85	132	110	111,622
February	101	101	111	116	86	83	112	74	82	121	102	103,144
March	113	117	120	121	105	94	122	93	94	134	115	115,459
April	137	135	136	145	125	107	142	109	101	139	132	132,453
May	132	130	121	133	112	104	133	107	106	146	126	126,747
June	131	126	123	131	116	95	123	95	95	126	120	130,930
July												
August												
September												
October												
November												
December												

¹ Compiled by the Federal Reserve Board, Division of Research and Statistics. Index numbers are based upon dollar values and are given by Federal Reserve districts.
² In calculating bases, estimates are made for sales of stores in the Minneapolis and Dallas districts for the months of 1919 for which there are no reports.

Table 134.—DEPARTMENT-STORE STOCKS

[Index numbers for base year in bold-faced type]

YEAR AND MONTH	VALUE OF STOCKS AT END OF MONTH, BY FEDERAL RESERVE DISTRICTS										TOTAL U. S. (286 stores).		
	Boston (24 stores)	New York (64 stores)	Phila- delphia (13 stores)	Cleve- land (26 stores)	Rich- mond (19 stores)	Atlanta (22 stores)	Chicago (55 stores)	Minne- apolis (15 stores)	Dallas (19 stores)	San Francisco (29 stores)	Index	Thous. of dolls.	
1919 mo. average..	100	100	100	100	100	100	100	100	100	100	100	100	429,410
1920 mo. average..	126	136	119	139	134	134	152	119	143	132	126	126	462,971
1921 mo. average..	108	115	118	117	105	114	124	93	116	116	115	115	310,244
1922 mo. average..	115	116	131	110	109	112	123	97	109	118	116	116	340,887
1923 mo. average..	122	123	150	125	122	119	147	109	116	130	129	129	374,911
1920													
September.....	137	149	129	157	149	154	168	127	182	136	151	151	444,651
October.....	142	150	129	164	149	160	176	127	175	143	151	151	456,700
November.....	140	144	113	153	137	159	167	122	157	138	145	145	453,783
December.....	114	115	111	124	102	108	132	97	102	111	115	115	342,623
1921													
January.....	97	102	95	101	87	101	111	91	101	102	101	101	390,150
February.....	100	107	100	108	95	110	116	92	111	106	106	106	315,445
March.....	106	115	107	117	103	113	123	65	118	112	113	113	337,003
April.....	110	118	105	121	107	116	126	96	117	115	116	116	345,959
May.....	107	116	105	119	104	111	122	99	107	115	114	114	339,766
June.....	103	110	116	115	100	107	119	96	111	110	110	110	326,703
July.....	101	106	116	111	93	106	118	95	103	112	108	108	319,735
August.....	102	111	126	117	104	113	128	102	121	123	116	116	314,186
September.....	113	123	153	126	121	126	132	108	151	128	125	125	368,978
October.....	120	128	141	130	125	132	139	110	131	129	139	139	382,248
November.....	126	131	144	131	124	129	138	110	134	131	131	131	386,541
December.....	107	110	122	109	97	103	116	93	99	106	106	106	319,205
1922													
January.....	103	105	112	96	91	102	103	83	99	112	103	103	306,653
February.....	108	109	124	104	102	111	118	95	107	115	110	110	325,029
March.....	115	121	135	115	112	117	127	100	116	124	129	129	354,268
April.....	117	122	136	116	111	116	128	96	114	126	120	120	355,801
May.....	115	117	131	113	107	112	122	100	110	118	116	116	312,857
June.....	111	110	127	107	104	105	116	96	100	111	110	110	321,417
July.....	108	105	122	101	100	103	114	92	100	112	116	116	314,538
August.....	109	110	130	106	105	109	125	96	111	115	113	113	329,532
September.....	122	121	141	114	120	119	130	102	118	121	122	122	357,244
October.....	129	125	148	120	130	121	135	106	120	123	127	127	371,811
November.....	135	132	147	125	126	123	137	108	119	127	130	130	384,070
December.....	114	111	124	106	103	101	115	90	94	112	109	109	323,698
1923													
January.....	107	107	118	108	100	105	115	93	97	110	107	107	316,204
February.....	112	112	135	112	113	112	136	101	107	121	115	115	343,055
March.....	120	123	148	121	124	119	149	113	115	128	128	128	372,129
April.....	125	127	153	128	126	121	150	111	119	136	132	132	385,897
May.....	124	125	148	127	122	121	145	113	117	130	130	130	378,686
June.....	116	116	143	121	115	113	137	108	110	125	122	122	356,168
July.....	109	111	137	118	121	111	135	103	107	121	119	119	346,813
August.....	116	119	152	122	122	120	158	110	121	131	129	129	372,640
September.....	129	131	166	135	136	130	162	115	127	133	139	139	402,529
October.....	142	142	176	145	141	134	164	118	131	143	146	146	426,733
November.....	145	145	176	149	142	133	171	118	130	147	149	149	436,299
December.....	123	121	145	123	112	107	140	98	109	123	123	123	361,625
1924													
January.....	111	112	133	114	104	109	128	95	107	125	116	116	341,573
February.....	115	118	152	126	121	119	144	102	118	131	126	126	367,303
March.....	128	129	164	138	134	123	161	109	126	143	138	138	401,455
April.....	128	134	161	143	134	122	159	106	125	148	140	140	409,906
May.....	126	128	152	140	130	119	152	102	120	141	134	134	395,264
June.....	119	119	145	131	122	111	145	102	113	135	127	127	370,758
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

1 Data compiled by the Federal Reserve Board, Division of Research and Statistics, and are based upon values.

2 Weighted index based upon the number of employees in retail stores as shown by the latest available census data. For details see Federal Reserve Bulletin for February, 1923.

Table 135.—COST OF LIVING

[Base year in bold-faced type]

YEAR AND MONTH	FOOD	SHEL- TER	CLOTH- ING	FUEL AND LIGHT	SUN- DRIES	ALL ITEMS	FOOD	CLOTH- ING	HOUS- ING	FUEL AND LIGHT	FURNI- TURE AND HOUSE FURNI- SHINGS	MIS- CELLA- NEOUS	TOTAL
	Index numbers compiled by National Industrial Confer- ence Board relative to July, 1914 ¹						Index numbers compiled by U. S. Department of Labor relative to 1913 ²						
1913, average.....							100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914, one month ³	100	100	100	100	100	100	105.0	101.0	100.0	101.0	104.0	103.0	103.0
1915, one month ³	100	100	103	102	100	101	105.0	101.7	101.5	101.0	110.6	107.4	105.1
1916, one month ³	111	102	120	101	101	109	120.0	120.0	102.3	108.4	127.8	113.3	118.2
1917, one month ³	146	105	143	126	117	131	157.0	149.1	100.1	124.1	150.6	140.5	142.4
1918, December.....							187.0	203.3	109.2	147.9	213.6	165.8	174.4
1918, average for 2 months.....	173	118	185	138	152	159							
1919, av. 2 mos. (June, Dec.).....							195.5	241.6	119.8	151.2	244.3	181.7	188.3
1919, average 3 months.....	186	129	205	144	164	172							
1920, monthly average.....	205	154	261	168	185	198							
1920, av. 2 mos. (June, Dec.).....							198.5	223.0	143.0	183.4	289.6	204.8	208.5
1921, monthly average.....	156	160	166	183	184	167							
1921, av. 3 mos. (May, Sept., Dec.).....							149.3	199.7	160.0	181.1	230.1	207.8	177.3
1922, monthly average ⁴	142	166	155	179	173	157	141.5	172.7	161.2	180.1	205.1	201.6	167.3
1923, monthly average ⁴	146	173	170	180	173	161	146.5	175.5	164.2	183.0	221.1	200.8	170.9
1922													
May.....	139	165	156	174	174	155							
June.....	141	165	153	174	174	155	141.0	172.3	160.9	174.4	202.9	201.5	166.6
July.....	142	165	154	174	172	156							
August.....	139	165	153	181	172	155							
September.....	140	165	155	187	172	156	139.8	171.3	161.1	183.8	202.9	201.1	166.3
October.....	143	165	157	187	172	157							
November.....	145	167	160	186	171	158							
December.....	147	167	166	187	171	159	146.6	171.5	161.9	186.4	208.2	200.5	169.5
1923													
January.....	144	167	160	187	171	158							
February.....	142	167	162	187	171	158							
March.....	142	170	168	186	173	159	142.0	174.4	162.4	186.2	217.4	200.3	168.8
April.....	143	170	167	180	173	159							
May.....	143	172	174	178	173	160							
June.....	144	172	169	178	173	160	144.3	174.9	163.4	180.6	222.2	200.3	169.7
July.....	147	175	170	176	173	162							
August.....	146	175	171	176	173	162							
September.....	149	175	175	176	173	163	149.3	176.5	164.4	181.3	222.4	201.1	172.1
October.....	150	175	176	178	173	164							
November.....	151	180	174	176	174	165							
December.....	150	180	175	176	174	165	150.3	176.3	166.5	184.0	222.4	201.7	173.2
1924													
January.....	149	180	176	175	174	165							
February.....	147	180	177	175	174	164							
March.....	144	185	176	172	174	163	143.7	175.9	167.0	182.2	221.3	201.1	170.4
April.....	141	185	177	168	174	162							
May.....	141	185	176	165	174	161							
June.....	142	185	174	165	174	162	142.4	174.2	168.0	176.7	216.0	201.1	169.1
July.....													
August.....													
September.....													
October.....													

¹ Index numbers represent retail prices on the first day of the month, except food, which is the retail food index of the U. S. Department of Labor, Bureau of Labor Statistics, for the 15th of the preceding month. Beginning with March, 1922, all prices shown are as of the 15th of the month indicated. The index is weighted according to the estimated consumption of average wage earners before the war, on the following basis: Food 43.1 per cent, shelter 17.7 per cent, clothing 13.2 per cent, fuel and light 5.6 per cent, sundries 20.4 per cent.

² Index numbers represent averages for the month in 82 cities; food prices reported by 15 to 25 dealers in each city, fuel and light by 10 to 15 firms, including public utilities, in each city; other quotations secured directly from records. Rentals are based on 250 to 950 houses and apartments in each city, and for each item of clothing furniture, and miscellaneous, four quotations are secured in each city (five in New York City). The index is weighted on the following basis: Food 38.2 per cent, clothing 16.5 per cent, housing 13.4 per cent, fuel and light 5.3 per cent, furniture and furnishings 5.1 per cent, miscellaneous 21.3 per cent.

³ Figures for National Industrial Conference Board index are for July; those of Department of Labor index are for December.

⁴ Quarterly average for Department of Labor index.

Table 136.—WHOLESALE PRICES¹

[Base year in bold-faced type]

YEAR AND MONTH	COMPILED BY U. S. DEPARTMENT OF LABOR. (Revised) ¹										RETAIL FOOD PRICES ⁽²⁾		FARM PRICES ⁽³⁾	
	Farm products	Food, etc.	Cloths and clothing	Fuel and lighting	Metal and metal products	Building materials	Chemicals and drugs	House furnishing goods	Miscellaneous	All commodities			Crops ⁽¹⁰⁾	Livestock ⁽¹¹⁾
	Index numbers relative to 1913													
1913 mo. av.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1914 mo. av.....	103	102	98	93	85	92	101	100	95	98	102	108	103	
1915 mo. av.....	104	105	98	88	99	94	134	100	95	101	101	110	95	
1916 mo. av.....	123	121	127	126	162	120	181	106	121	127	114	124	111	
1917 mo. av.....	190	167	175	169	231	157	202	125	143	177	146	208	164	
1918 mo. av.....	218	188	228	170	187	172	215	153	156	194	167	221	192	
1919 mo. av.....	231	207	253	181	162	201	169	184	175	206	186	234	198	
1920 mo. av.....	218	220	295	241	192	264	200	254	196	226	203	238	168	
1921 mo. av.....	124	144	180	199	129	165	136	195	123	147	153	109	107	
1922 mo. av.....	133	138	181	218	122	168	124	176	117	149	142	113	111	
1923 mo. av.....	142	144	199	188	145	190	131	184	122	154	146	136	103	
1922														
January.....	122	131	176	195	112	157	124	178	117	138	142	98	95	
February.....	131	135	174	191	110	156	123	177	117	141	142	105	108	
March.....	130	137	172	191	109	155	125	175	117	142	139	112	117	
April.....	129	137	171	194	113	156	124	175	116	143	139	115	115	
May.....	132	138	175	216	119	160	122	176	116	148	139	118	118	
June.....	131	140	179	225	120	167	122	176	114	150	141	119	119	
July.....	135	142	180	254	121	170	121	173	114	155	142	118	110	
August.....	131	138	181	271	126	172	122	173	115	155	139	114	112	
September.....	133	138	183	244	134	180	124	173	116	153	140	110	109	
October.....	138	140	188	226	135	183	124	176	120	154	143	110	110	
November.....	143	143	192	218	133	185	127	179	122	156	145	118	105	
December.....	145	144	194	216	131	185	130	182	122	156	147	123	104	
1923														
January.....	143	141	196	218	133	188	131	184	124	156	144	128	106	
February.....	142	141	199	212	139	192	132	184	126	157	142	130	107	
March.....	143	143	201	206	149	198	135	185	127	159	142	134	106	
April.....	141	144	205	200	154	204	136	187	126	159	143	139	107	
May.....	139	144	201	190	152	202	134	187	125	156	143	140	105	
June.....	138	142	198	186	148	194	131	187	123	153	144	139	100	
July.....	135	141	193	183	145	190	128	187	121	151	147	136	102	
August.....	139	142	193	178	145	186	127	183	120	150	146	136	102	
September.....	144	147	202	176	144	182	128	183	121	154	149	138	109	
October.....	144	148	199	172	142	182	129	183	120	153	150	139	103	
November.....	146	148	201	167	141	181	130	176	118	152	151	137	97	
December.....	145	147	203	162	142	178	130	176	116	151	150	137	94	
1924														
January.....	144	143	200	169	142	181	132	176	117	151	149	140	97	
February.....	143	143	196	180	143	182	131	176	113	152	147	141	98	
March.....	137	141	191	181	144	182	130	175	113	150	144	138	100	
April.....	139	137	189	179	139	182	128	175	113	148	141	140	102	
May.....	136	137	187	177	134	180	127	173	112	147	141	139	103	
June.....	134	136	187	175	132	173	127	172	111	145	142	142	102	
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

¹ The revised wholesale price index number of the U. S. Department of Labor, Bureau of Labor Statistics, is based on quotations of 404 commodities. These commodities are arranged in 9 groups as given in the table. In computing this index, the price of each commodity is weighted by multiplying it by the estimated quantity of that article marketed in the census year 1919. For comparable yearly data for the period 1890 to 1921, see the *Monthly Labor Review* for September, 1922, p. 46; and for comparable monthly data for period 1913 to 1922, see the *Monthly Labor Review* for July, 1922, p. 60.

² The retail food price index compiled by the U. S. Department of Labor, Bureau of Labor Statistics, represents the changes in the price of 22 articles of food as reported by retail dealers in 51 of the largest cities as of the 15th of the month.

³ Farm prices, compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics, represent the relative average prices to farmers of the 10 leading crops and 5 leading livestock products, respectively, as of the 15th of each month.

Table 137.—WHOLESALE PRICES¹

[Base year in bold-faced type]

YEAR AND MONTH	COMPILED BY FEDERAL RESERVE BOARD (Revised)								DUN'S (1st of month)	BRAD- STREET'S (1st of month)
	Agricul- tural products	Animal products	Forest products	Mineral products	Total raw products	Producers' goods ²	Con- sumers' goods ²	All com- modities		
	21 quotations	21 quotations	11 quotations	35 quotations	88 quotations	117 quotations	199 quotations	404 quotations			300 commodi- ties	96 commodi- ties
Index numbers relative to 1913										
1913 monthly average.....	100	100	100	100	100	100	100	100	100	100
1914 monthly average.....	102	103	92	92	99	92	101	98	101	97
1915 monthly average.....	112	98	90	97	101	97	102	101	105	107
1916 monthly average.....	130	119	102	138	126	143	119	127	123	128
1917 monthly average.....	211	174	135	191	187	184	163	177	199	170
1918 monthly average.....	243	203	157	181	205	181	191	194	190	203
1919 monthly average.....	250	221	211	180	218	179	211	206	191	203
1920 monthly average.....	255	186	312	236	229	214	231	226	207	204
1921 monthly average.....	134	110	106	185	142	135	150	147	141	123
1922 monthly average.....	145	125	185	208	159	128	151	149	142	132
1923 monthly average.....	168	122	211	186	159	141	156	154	157	145
1922										
January.....	130	109	167	178	139	123	146	136	136	123
February.....	140	121	166	177	146	118	148	141	136	124
March.....	141	122	165	178	147	120	150	142	140	126
April.....	145	120	167	189	148	122	149	143	137	125
May.....	152	122	174	202	157	125	150	148	139	127
June.....	146	123	186	211	159	127	151	150	140	129
July.....	147	130	188	241	171	129	154	155	144	131
August.....	138	127	191	261	173	129	149	155	143	131
September.....	136	132	199	236	168	132	150	153	142	131
October.....	147	132	204	218	166	135	152	154	145	136
November.....	160	129	207	209	166	136	155	156	151	145
December.....	161	128	210	208	167	135	157	156	153	150
1923										
January.....	164	125	215	213	168	136	155	156	153	149
February.....	170	123	220	207	167	141	155	157	154	149
March.....	174	123	227	202	167	148	156	159	158	151
April.....	172	123	232	198	166	150	157	159	160	151
May.....	167	122	226	189	161	148	156	156	159	148
June.....	165	119	215	184	158	144	155	153	158	145
July.....	154	120	209	179	153	141	154	151	156	142
August.....	152	125	203	177	153	137	154	150	154	139
September.....	163	131	196	178	158	139	158	154	155	140
October.....	172	122	197	171	165	139	159	153	158	142
November.....	179	115	196	165	154	138	159	152	158	143
December.....	181	115	191	165	153	136	158	151	158	146
1924										
January.....	182	115	194	170	155	136	156	151	157	144
February.....	176	116	195	177	156	139	154	152	158	143
March.....	165	118	194	179	154	137	153	150	158	140
April.....	166	119	195	174	154	135	151	148	154	137
May.....	168	115	195	171	152	135	150	147	153	136
June.....	165	109	182	168	147	130	150	145	152	133
July.....									153	133
August.....										
September.....										
October.....										
November.....										
December.....										

¹ First eight columns give the revised wholesale price index numbers of the U. S. Department of Labor, Bureau of Labor Statistics, as reclassified by the Federal Reserve Board into the groupings as shown. The weights are the same as those used by the Bureau of Labor Statistics and the total of all commodities is therefore the same as the revised Department of Labor index. Dun's and Bradstreet's index numbers are calculated as of the first of each month, but really refer to prices in the preceding month; the index numbers have been calculated to a 1913 base from the actual figures as published in these journals. Bradstreet's index is the sum of prices per pound of the commodities, while Dun's is weighted by the amount "annually consumed by each inhabitant."

² The term "consumers' goods" in general applies to those commodities which because of their finished condition are ready for consumption; the term "producers' goods" applies to those products which are essentially still in the raw state or semifinished condition requiring additional manufacture.

Table 138.—LIFE INSURANCE SALES BY DISTRICTS¹

[Base year in bold-faced type]

YEAR AND MONTH	United States, total	Eastern Manufacturing	Western Manufacturing	Western Agricultural	Southern	Far Western	United States, total	Eastern Manufacturing	Western Manufacturing	Western Agricultural	Southern	Far Western
	Relative to 1921						Thousands of dollars					
	RELATIVE NUMBERS						NUMERICAL DATA					
1921 monthly average.....	100	100	100	100	100	100	\$425,092	\$154,321	\$90,152	\$81,074	\$57,145	\$42,400
1922 monthly average.....	108	113	109	97	108	109	459,292	174,242	98,380	78,899	61,645	46,126
1923 monthly average.....	129	135	134	112	127	133	549,296	208,520	121,194	90,912	72,403	56,261
1922												
January.....	96	110	98	79	82	88	406,573	170,057	88,117	64,164	46,791	37,444
February.....	98	109	98	84	91	89	415,405	168,849	88,364	68,432	51,870	37,846
March.....	113	122	113	103	107	108	480,960	188,435	102,128	83,532	61,247	45,618
April.....	107	110	107	99	113	107	456,491	169,341	96,858	80,073	64,617	45,672
May.....	120	126	120	103	117	120	508,130	194,082	108,486	87,764	67,127	50,671
June.....	115	118	116	107	118	111	488,771	182,681	104,608	87,147	67,355	46,980
July.....	104	108	108	96	107	102	443,805	164,109	97,588	77,488	61,369	43,241
August.....	102	101	107	90	103	118	433,933	155,642	96,028	73,365	58,805	50,093
September.....	93	92	94	87	100	97	396,610	142,525	85,067	70,571	57,315	41,132
October.....	108	114	112	94	105	113	460,794	175,691	100,656	76,436	60,058	47,953
November.....	110	114	111	99	105	118	466,694	176,668	99,696	80,334	60,027	49,069
December.....	130	131	125	120	145	134	553,333	202,833	112,949	97,429	83,133	66,959
1923												
January.....	110	125	108	94	101	103	466,880	192,326	97,694	75,906	57,485	43,469
February.....	114	129	115	97	106	103	485,930	199,830	103,625	78,441	60,334	43,500
March.....	140	150	147	116	143	128	593,213	230,748	132,473	93,835	81,793	54,359
April.....	133	141	137	114	134	135	566,844	217,276	123,675	92,366	76,410	57,117
May.....	147	159	148	129	143	146	625,957	244,865	132,608	104,387	81,780	61,927
June.....	139	142	144	122	143	143	590,460	219,359	130,081	98,602	81,792	60,626
July.....	126	124	132	115	122	142	534,075	191,717	119,248	92,920	69,925	60,265
August.....	127	129	135	109	120	142	538,043	199,159	121,745	88,466	68,431	60,242
September.....	112	114	115	101	112	122	475,957	175,511	103,573	81,569	63,742	51,562
October.....	131	138	141	112	122	129	554,773	212,757	127,070	90,734	69,436	54,776
November.....	129	138	138	107	121	131	548,669	212,548	124,472	86,698	69,363	55,583
December.....	144	134	162	132	155	169	610,751	206,217	137,473	107,019	88,340	71,702
1924												
January.....	127	154	125	93	105	122	538,601	238,057	113,109	75,689	60,148	51,598
February.....	129	147	134	100	110	130	546,521	220,893	120,674	80,796	62,891	55,267
March.....	157	179	165	119	143	152	667,577	275,970	148,620	96,836	81,671	64,280
April.....	156	178	159	122	143	153	662,591	274,522	142,996	98,632	81,478	64,943
May.....	150	164	155	123	138	160	638,768	252,343	139,517	99,914	78,975	68,019
June.....												
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹ Represents data on ordinary life insurance only (excluding industrial group) compiled by the *Life Insurance Sales Research Bureau* from 81 insurance companies who held on Jan. 1, 1923, 88 per cent of the total ordinary legal life reserve in force in the United States. Monthly data for 1921 were given in the April, 1921, issue (No. 32), p. 56. The *Eastern Manufacturing district* includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania; *Western Manufacturing district*—Ohio, Indiana, Illinois, Michigan, and Wisconsin; *Western Agricultural district*—Minnesota, Iowa, Missouri, North Dakota, and Texas; *Southern district*—Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, and Mississippi; *Far Western district*—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Table 139.—LIFE INSURANCE¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	NEW BUSINESS						PREMIUM COLLECTIONS (new and renewals)				
	ORDINARY INSURANCE (40 companies)		INDUSTRIAL INSURANCE (6 companies)		GROUP INSURANCE (11 companies)	TOTAL INSURANCE (40 companies)		ORDINARY INSURANCE (40 companies)	INDUSTRIAL INSURANCE (6 companies)	GROUP INSURANCE (11 companies)	TOTAL INSURANCE (40 companies)
	Policies	Value	Policies	Value	Value	Policies	Value	Value			
Relative to 1913											
1913 monthly average.....	100	100	100	100	100	100	100	100	100	100	100
1914 monthly average.....	100	97	108	106	182	107	101	104	107	139	105
1915 monthly average.....	107	104	113	112	221	112	107	108	115	229	110
1916 monthly average.....	122	127	109	113	350	111	125	117	123	335	119
1917 monthly average.....	142	150	109	119	755	114	146	129	134	706	131
1918 monthly average.....	145	157	114	127	1,204	119	157	139	147	1,345	142
1919 monthly average.....	232	273	122	150	1,992	141	252	164	168	2,548	167
1920 monthly average.....	265	332	132	179	1,895	153	301	192	189	3,813	194
1921 monthly average.....	212	274	145	202	508	156	256	207	210	4,081	210
1922 monthly average.....	211	300	153	228	1,276	163	287	227	239	4,306	232
1923 monthly average.....	246	359	174	276	2,451	186	352	253	279	5,503	262
1922											
January.....	172	232	142	200	920	146	228	210	228	6,535	218
February.....	193	274	150	214	613	157	259	223	206	3,474	222
March.....	226	318	180	256	1,053	187	307	255	234	3,810	253
April.....	218	310	151	237	1,687	161	300	220	212	3,639	227
May.....	228	326	164	241	689	175	305	233	233	4,265	235
June.....	222	319	152	223	1,164	164	299	230	235	3,716	233
July.....	215	308	143	213	706	154	285	220	239	4,103	226
August.....	201	292	135	198	672	146	268	214	242	3,813	223
September.....	191	257	126	187	1,162	137	245	194	220	3,806	202
October.....	203	283	164	236	996	170	281	217	245	4,484	226
November.....	209	295	161	243	1,144	169	287	222	230	4,168	226
December.....	250	385	172	265	4,549	185	384	280	343	5,858	298
1923											
January.....	205	302	144	217	948	154	283	243	260	5,558	250
February.....	215	315	145	221	687	156	291	235	239	5,884	239
March.....	282	411	176	266	1,374	194	377	279	266	4,781	279
April.....	251	369	250	401	2,298	250	493	257	259	5,442	261
May.....	264	388	210	318	2,082	218	380	262	254	4,484	263
June.....	272	400	183	285	3,580	197	393	255	271	4,506	261
July.....	243	356	160	256	1,075	174	334	246	268	5,019	254
August.....	230	338	149	245	1,257	162	319	246	269	5,374	254
September.....	220	307	146	241	1,037	159	294	214	254	4,555	226
October.....	238	337	176	293	498	186	326	249	285	6,177	261
November.....	245	358	173	283	931	185	342	251	271	6,232	259
December.....	288	429	179	295	13,620	197	494	303	453	8,023	342
1924											
January.....	216	341	202	346	604	204	344	272	277	7,348	278
February.....	235	355	171	277	622	183	335	288	280	5,868	290
March.....	293	435	183	302	1,786	204	408	312	304	6,509	315
April.....	273	403	186	305	2,679	205	394	332	271	6,706	322
May.....	281	415	200	334	1,931	217	404	348	306	6,190	342
June.....	261	392	177	298	1,146	190	371	345	304	5,994	340
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											

See footnotes on opposite page.

Table 140.—LIFE INSURANCE¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	NEW BUSINESS								PREMIUM COLLECTIONS (new and renewal)			
	ORDINARY INSURANCE (40 companies)		INDUSTRIAL INSURANCE (6 companies)		GROUP INSURANCE (11 companies)		TOTAL INSURANCE (40 companies)		ORDI- NARY INSUR- ANCE (40 com- panies)	INDUS- TRIAL INSUR- ANCE (6 com- panies)	GROUP INSUR- ANCE (11 com- panies)	TOTAL INSUR- ANCE (40 com- panies)
	Thou- sands of policies	Thou- sands of dollars	Thou- sands of policies	Thou- sands of dollars	Num- ber of policies (²)	Thou- sands of dollars	Thou- sands of policies	Thou- sands of dollars	Thousands of dollars			
1913 monthly average.....	74	\$131, 889	380	\$51, 909	4	\$1, 445	454	\$185, 193	\$37, 009	\$10, 778	\$31	\$47, 818
1914 monthly average.....	74	128, 358	410	55, 217	4	2, 623	484	186, 203	38, 456	11, 580	43	50, 080
1915 monthly average.....	79	136, 700	429	58, 128	8	3, 188	507	198, 015	40, 115	12, 421	71	52, 608
1916 monthly average.....	90	167, 970	415	58, 645	25	5, 052	504	231, 667	43, 344	13, 280	104	56, 727
1917 monthly average.....	105	197, 310	414	61, 484	60	10, 908	519	269, 702	47, 789	14, 440	219	62, 419
1918 monthly average.....	107	206, 382	433	66, 099	55	17, 401	540	289, 892	51, 626	15, 807	417	67, 840
1919 monthly average.....	172	360, 180	465	77, 901	134	28, 785	638	466, 860	60, 783	18, 083	790	79, 661
1920 monthly average.....	196	437, 623	500	93, 044	149	27, 377	696	553, 043	71, 132	20, 342	1, 182	92, 655
1921 monthly average.....	187	361, 803	550	104, 813	51	7, 335	707	473, 951	76, 686	22, 587	1, 265	100, 638
1922 monthly average.....	156	395, 277	582	118, 233	80	18, 440	738	531, 051	84, 063	25, 751	1, 335	111, 154
1923 monthly average.....	182	473, 629	662	143, 338	123	35, 414	845	652, 381	93, 699	30, 057	1, 706	125, 462
1922												
January.....	127	305, 528	538	103, 725	30	13, 287	665	422, 540	77, 730	24, 560	2, 026	104, 316
February.....	143	361, 671	569	110, 954	49	7, 420	712	479, 045	82, 663	22, 201	1, 077	105, 941
March.....	167	419, 839	684	132, 833	51	15, 215	850	567, 888	94, 454	25, 195	1, 181	120, 530
April.....	161	408, 361	572	123, 208	40	24, 379	733	555, 948	84, 656	22, 805	1, 128	108, 888
May.....	169	420, 236	624	125, 084	61	9, 962	793	564, 282	86, 100	25, 150	1, 322	112, 577
June.....	164	420, 362	579	115, 959	58	16, 814	743	553, 135	85, 059	25, 318	1, 152	111, 529
July.....	159	405, 609	542	110, 423	55	11, 068	701	527, 099	81, 309	25, 717	1, 272	108, 298
August.....	149	384, 328	512	102, 901	44	9, 709	661	496, 938	79, 104	26, 123	1, 182	106, 414
September.....	141	338, 789	480	97, 257	49	16, 785	621	452, 831	71, 739	23, 709	1, 180	96, 623
October.....	150	372, 902	623	132, 790	57	14, 392	773	520, 084	80, 337	26, 456	1, 300	103, 181
November.....	155	389, 367	611	125, 960	61	16, 524	766	531, 852	82, 167	24, 813	1, 202	108, 272
December.....	185	507, 436	653	137, 707	406	65, 730	839	710, 873	103, 498	36, 957	1, 816	142, 271
1923												
January.....	152	398, 150	547	112, 673	60	13, 701	690	524, 528	89, 760	28, 002	1, 723	119, 485
February.....	159	415, 006	551	114, 758	73	9, 933	710	539, 698	86, 947	25, 700	1, 824	114, 477
March.....	209	541, 388	669	137, 853	104	19, 848	879	699, 039	103, 338	28, 640	1, 482	133, 400
April.....	186	485, 874	650	203, 105	88	33, 199	1, 137	727, 179	95, 088	27, 869	1, 687	124, 643
May.....	195	511, 963	797	162, 326	99	30, 086	991	704, 376	96, 850	27, 339	1, 390	125, 379
June.....	201	527, 095	693	147, 444	97	52, 054	895	727, 493	94, 354	29, 169	1, 307	124, 920
July.....	180	460, 883	609	132, 708	68	15, 534	789	618, 215	90, 947	28, 877	1, 536	121, 379
August.....	170	445, 157	567	127, 090	51	13, 161	737	590, 408	90, 976	29, 006	1, 666	121, 648
September.....	163	404, 910	556	124, 905	41	14, 984	720	544, 829	79, 060	27, 373	1, 412	107, 850
October.....	176	444, 936	668	152, 061	55	7, 200	845	604, 197	92, 125	30, 697	1, 915	124, 740
November.....	181	472, 503	657	146, 882	56	13, 458	838	632, 843	92, 826	29, 195	1, 932	123, 953
December.....	213	565, 756	682	153, 154	403	196, 808	885	915, 718	112, 110	48, 504	2, 487	163, 410
1924												
January.....	160	448, 999	767	179, 656	49	8, 727	927	637, 381	100, 650	29, 867	2, 278	132, 795
February.....	174	467, 982	649	143, 762	57	8, 990	830	620, 734	109, 518	30, 200	1, 760	138, 507
March.....	217	573, 066	694	156, 792	88	25, 812	927	755, 669	115, 363	32, 814	1, 263	140, 440
April.....	202	531, 564	705	158, 557	81	38, 715	929	728, 835	122, 744	29, 235	2, 079	154, 057
May.....	208	546, 851	761	173, 629	74	27, 897	984	748, 377	128, 613	32, 963	1, 919	163, 495
June.....	193	516, 628	674	154, 495	65	16, 553	867	687, 675	127, 837	32, 744	1, 858	162, 439
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

¹ Compiled by the Association of Life Insurance Presidents. The data on new business represent only new business that has been paid for, exclusive of revivals, increases and dividend additions. Premium collections show the amount of money actually invested in life insurance each month, and include total premium collections, new and renewal, and considerations for annuities and for supplementary contracts involving and not involving life contingencies. The 40 companies whose new business is included in this table had in force 77.1 per cent of the total legal reserve life insurance outstanding in the United States as of Dec. 31, 1920.

² It should be noted that these data do not represent number of persons insured. A single "group" policy may cover many thousands of persons.

Table 141.—ADMITTED LIFE INSURANCE ASSETS ¹

[Base year in bold-faced type.]

	Grand total	MORTGAGE LOANS			BONDS AND STOCKS (BOOK VALUES)					Policy loans and premium notes	Other admitted assets
		Total	Farm	All other	Total	Government	Railroad	Public utilities	All other		
Thousands of dollars											
1923 monthly average.....	\$7,409,026	\$2,693,898	\$1,260,551	\$1,432,847	\$3,327,431	\$1,219,049	\$1,750,104	\$281,179	\$77,100	\$927,927	\$459,770
1922											
December.....	7,096,879	2,451,940	1,148,995	1,302,944	3,256,269	1,269,645	1,694,552	250,622	71,449	901,108	457,562
1923											
January.....	7,111,175	2,479,912	1,158,374	1,321,540	3,278,464	1,243,282	1,702,244	259,807	73,131	904,829	447,971
February.....	7,195,743	2,512,920	1,172,832	1,340,089	3,314,761	1,266,891	1,709,970	265,191	72,708	907,768	460,233
March.....	7,251,002	2,557,009	1,206,143	1,350,866	3,321,168	1,260,837	1,719,120	268,496	72,715	912,121	460,703
April.....	7,301,446	2,595,150	1,228,649	1,366,501	3,307,243	1,231,157	1,731,299	271,886	72,900	913,437	465,616
May.....	7,329,494	2,634,974	1,251,101	1,385,873	3,315,521	1,222,107	1,745,746	274,344	73,325	919,362	459,627
June.....	7,369,627	2,675,175	1,265,781	1,409,394	3,327,268	1,217,668	1,754,150	281,169	74,082	924,263	442,920
July.....	7,428,776	2,724,583	1,280,932	1,443,651	3,334,542	1,214,750	1,758,073	282,477	79,242	930,009	439,642
August.....	7,469,847	2,759,963	1,291,247	1,468,716	3,330,010	1,201,456	1,765,016	284,639	78,900	935,557	444,317
September.....	7,521,771	2,789,103	1,301,962	1,487,141	3,336,905	1,199,898	1,768,629	287,387	80,991	939,149	456,615
October.....	7,582,850	2,829,043	1,311,725	1,517,319	3,343,493	1,194,699	1,774,979	292,824	80,991	946,070	464,244
November.....	7,640,560	2,866,189	1,322,409	1,543,779	3,353,584	1,191,598	1,780,224	300,815	80,948	949,467	471,321
December.....	7,706,029	2,902,756	1,335,462	1,567,294	3,366,215	1,184,049	1,791,792	305,110	85,264	953,092	483,966
1924											
January.....	7,771,975	2,941,129	1,346,234	1,594,895	3,362,867	1,179,705	1,782,755	311,923	88,484	959,708	508,271
February.....	7,822,822	2,975,080	1,356,807	1,618,273	3,376,290	1,171,813	1,787,348	327,350	89,758	965,624	505,818
March.....	7,877,333	3,008,658	1,370,444	1,638,214	3,378,016	1,155,233	1,800,084	333,276	90,422	971,942	518,718
April.....	7,936,150	3,048,789	1,382,305	1,666,484	3,388,053	1,138,215	1,812,890	345,223	91,726	980,549	518,700
May.....	7,993,607	3,084,481	1,393,889	1,690,592	3,403,134	1,123,527	1,832,596	353,820	93,191	987,020	519,282
June.....	8,062,610	3,120,322	1,395,907	1,724,415	3,413,112	1,111,194	1,845,016	360,366	96,536	995,547	533,630
July.....											
August.....											
Relative numbers based on 1923 as 100											
1923 monthly average.....	100	100	100	100	100	100	100	100	100	100	100
1922											
December.....	96	91	91	91	99	104	97	89	93	97	100
1923											
January.....	96	92	92	92	99	102	97	92	95	98	97
February.....	97	93	93	94	100	104	98	94	94	98	100
March.....	98	95	96	94	100	103	98	95	94	98	100
April.....	99	96	97	95	99	101	99	97	95	98	106
May.....	99	98	99	97	100	100	100	98	95	99	100
June.....	99	99	100	98	100	100	100	100	96	100	96
July.....	100	101	102	101	100	100	101	101	103	100	96
August.....	101	102	102	103	100	99	101	101	102	101	97
September.....	102	104	103	104	100	98	101	102	105	101	99
October.....	102	105	104	108	100	98	101	104	105	102	101
November.....	103	108	105	108	101	98	102	107	105	102	103
December.....	104	108	106	109	101	97	102	109	111	103	105
1924											
January.....	105	109	107	111	101	97	102	111	115	103	111
February.....	106	104	108	113	101	96	102	116	116	104	110
March.....	106	112	109	114	101	95	103	119	116	105	113
April.....	107	113	110	116	102	93	104	123	119	106	113
May.....	108	114	111	118	102	92	105	126	121	106	113
June.....	109	116	111	120	103	91	105	132	125	107	116
July.....											
August.....											

¹ Compiled by the *Association of Life Insurance Presidents* from special reports of 41 companies having 82 per cent of the total admitted life insurance assets of United States legal reserve companies; the data are given as of the end of each month and are designed to show the fluctuations in the character of investments of life insurance companies. Admitted assets embrace all assets permitted by statute to be included for testing the solvency of the companies; in the column "other admitted assets" are included real estate, collateral loans, cash, bills receivable, interest due and accrued, deferred and unpaid premiums, etc. Of the bonds and stocks, approximately 84 per cent are bonds and 1½ per cent are stocks.

Table 142.—PUBLIC FINANCE ¹

[Base year in bold-faced type]

YEAR AND MONTH	U. S. GOVERNMENT DEBT ²			U. S. GOVERNMENT FINANCES ³			MONEY IN CIRCULATION ⁴		U. S. GOVERNMENT DEBT ²			U. S. GOVERNMENT FINANCES ³			MONEY IN CIRCULATION ⁴	
	Total interest-bearing	Gross debt	Short-term debt	Customs receipts	Total ordinary receipts	Ordinary expenditures	Total	Per capita	Total interest-bearing	Gross debt	Short-term debt	Customs receipts	Total ordinary receipts	Ordinary expenditures	Total	Per capita
	Relative to 1919			Relative to 1913			Relative to 1919		Millions of dollars			Thousands of dollars			Millions of dollars	Dollars
	RELATIVE NUMBERS							NUMERICAL DATA								
June 30, 1913	4	5		100	100	100	70	76	\$966	\$1,193		\$25,512	\$60,315	\$60,474	\$3,364	\$31.56
June 30, 1914	4	5		92	101	101	71	76	968	1,188		24,344	61,195	61,282	3,402	31.35
June 30, 1915	4	5		66	96	105	68	72	970	1,191		17,439	57,972	63,353	3,261	32.38
June 30, 1916	4	5		67	108	101	75	78	972	1,225		17,656	65,003	61,250	3,591	35.06
June 30, 1917	11	12		71	156	273	80	82	2,713	2,976		18,832	94,037	166,025	3,849	36.96
June 30, 1918	48	48		57	508	1,750	90	91	11,986	12,244		15,000	305,382	1,055,153	4,936	40.96
June 30, 1919	100	100	100	58	712	2,553	100	100	35,244	25,482	8,047	15,371	429,356	1,543,575	4,795	45.18
June 30, 1920	95	95	97	101	925	893	111	111	24,061	24,298	7,843	26,909	557,880	540,174	5,332	50.11
June 30, 1921	94	94	95	97	777	763	101	99	23,737	23,976	7,618	25,714	468,744	461,517	4,843	44.80
June 30, 1922	90	90	84	112	568	523	91	88	22,711	22,964	6,746	29,704	342,425	316,275	4,374	39.86
June 30, 1923	87	88	68	177	554	510	99	94	22,008	22,350	5,473	46,827	333,928	303,123	4,729	42.50
1922																
January	92	92	88	103	317	443	91	88	23,152	23,389	7,063	27,251	101,001	267,570	4,353	39.91
February	92	92	89	126	291	310	92	89	23,239	23,479	7,152	33,652	175,651	187,391	4,402	40.31
March	91	91	85	152	913	582	92	89	22,904	23,145	8,843	40,268	550,758	352,017	4,413	40.37
April	91	91	86	128	328	460	91	87	22,955	23,191	8,929	33,891	107,920	277,948	4,385	40.06
May	91	91	86	134	342	433	91	88	22,900	23,137	8,901	35,578	206,376	261,564	4,370	39.87
June	90	90	84	147	784	582	91	88	22,711	22,964	6,746	38,862	472,936	451,753	4,374	39.89
July	90	90	84	141	340	373	90	87	22,717	22,958	8,751	37,492	204,977	225,498	4,337	39.17
August	90	90	85	147	359	366	92	88	22,796	23,042	6,831	39,012	216,778	221,556	4,394	39.03
September	89	90	82	200	754	574	94	91	22,564	22,818	6,009	53,135	454,509	347,712	4,521	41.04
October	90	91	77	151	499	771	95	92	22,826	23,077	6,164	40,136	301,239	405,897	4,570	41.44
November	90	90	75	157	376	421	96	93	22,709	22,964	6,047	41,647	226,974	234,253	4,071	41.80
December	89	90	73	141	773	563	99	95	22,483	22,995	5,835	37,502	406,273	340,176	4,733	42.81
1923																
January	89	89	71	175	354	448	94	90	22,359	22,732	5,721	46,346	213,553	267,672	4,509	40.74
February	89	89	71	182	327	404	96	92	22,868	22,717	5,730	48,311	197,817	244,276	4,611	41.61
March	89	89	71	235	1,063	566	97	93	22,390	22,723	5,753	62,172	641,082	341,935	4,656	41.98
April	88	89	71	203	401	328	97	93	22,327	22,646	5,691	53,736	241,830	318,088	4,668	42.04
May	88	89	69	198	350	528	98	94	22,186	22,631	5,581	52,417	211,113	319,036	4,706	42.34
June	87	88	68	189	1,046	681	99	94	22,008	22,350	5,473	50,023	630,981	351,081	4,729	42.60
July	87	87	68	163	341	401	98	93	21,959	22,271	5,436	43,225	205,742	242,222	4,696	42.16
August	87	87	67	160	390	388	100	95	21,902	22,201	5,396	42,590	235,505	234,498	4,778	42.85
September	87	87	108	169	880	521	101	96	21,834	22,125	8,709	44,810	530,778	314,821	4,850	43.45
October	86	87	108	195	382	706	101	96	21,801	22,082	8,677	51,713	230,391	426,548	4,825	43.27
November	86	87	108	176	316	424	103	97	21,780	22,055	8,656	46,565	190,844	256,287	4,923	44.01
December	86	86	107	184	966	663	103	98	21,643	21,916	8,612	40,946	578,317	400,930	4,951	44.22
1924																
January	85	86	106	151	304	431	98	92	21,574	21,844	8,541	40,019	183,307	260,765	4,682	41.77
February	85	85	106	189	343	345	100	95	21,521	21,783	8,491	50,297	206,607	298,432	4,808	42.85
March	85	85	103	194	1,072	481	100	96	21,357	21,624	8,377	51,459	646,389	291,026	4,813	42.85
April	85	85	103	172	355	541	99	94	21,354	21,616	8,325	45,696	214,306	327,002	4,760	42.33
May	84	85	103	171	316	423	100	95	21,287	21,545	8,259	45,221	190,408	256,085	4,815	42.78
June	83	83	99	163	997	476			20,981	21,251	7,953	43,276	601,580	283,055		
July	83	83	99	166	324	344			20,991	21,254	7,963	43,045	196,704	207,995		
August																
September																
October																
November																
December																

¹ From U. S. Treasury Department, except money in circulation prior to July 1, 1922, from the Federal Reserve Board.
² Yearly figures and the monthly figures up to last two months are on a warrant basis. The last two months are on a cash basis as shown in the preliminary Public Debt Statement.
³ Yearly figures are averages for the fiscal year ending June 30 of the year indicated. Monthly figures are taken from the daily Treasury Statements. Expenditures represent those chargeable against ordinary receipts.
⁴ Represents money held outside the Treasury and Federal Reserve System. The yearly figures are as of June 30 and are taken from the Secretary's Annual Report (1923), p. 553.
⁵ Short term debt includes issues maturing within five years from the particular date noted; a large increase in a particular month, such as in September, 1923 is usually due not so much to an increase in indebtedness (absence of increase in the gross debt would show this), but that the maturity date of a certain bond issue has been brought within five years. The increase in September, 1923 was due to the Third Liberty Loan being brought in this category. At present, besides the Third Liberty Loan, there are included in the short-term debt the following: Loan and tax certificates of indebtedness, Treasury savings securities and Treasury notes. Debt on which interest has ceased and interest-bearing debt redeemable at the pleasure of the Government but not maturing within five years are not included in this statement.

Table 143.—SAVINGS DEPOSITS

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	BALANCE TO CREDIT OF DEPOSITORS—END OF MONTH ¹													New York State savings banks ²	United States postal savings
	Federal Reserve Districts														
	Total deposits	Boston (64 banks)	New York (30 banks)	Philadelphia (78 banks)	Cleveland (13 banks)	Richmond (91 banks)	Atlanta (86 banks)	Chicago (209 banks)	St. Louis (32 banks)	Minneapolis (15 banks)	Kansas City (58 banks)	Dallas (85 banks)	San Francisco (72 banks)		
	Relative to 1920															Relative to 1913
1913 monthly av.....														100	100
1914 monthly av.....														103	149
1915 monthly av.....														105	187
1916 monthly av.....														111	282
1917 monthly av.....														115	360
1918 monthly av.....														117	422
1919 monthly av.....							81							129	406
1920 monthly av.....	100	100	100	100	100	100	100	100	100	100	100	100	100	143	411
1921 monthly av.....	106	103	108	106	112	109	107	102	116	103	110	107	106	153	388
1922 monthly av.....	111	106	113	109	111	119	111	103	127	111	117	116	115	162	348
1923 monthly av.....	121	114	121	117	125	129	127	114	142	124	129	134	121	179	333
1922															
January.....	108	104	111	109	109	113	106	101	121	109	111	111	111	-----	364
February.....	108	104	111	109	109	113	105	101	122	109	112	111	111	-----	364
March.....	109	105	111	110	108	115	107	101	123	110	115	116	111	158	362
April.....	109	105	111	110	109	117	108	101	124	110	116	113	111	-----	358
May.....	109	105	111	109	109	119	110	101	126	209	117	114	112	-----	352
June.....	111	106	113	109	111	123	111	103	128	110	119	118	115	162	347
July.....	110	106	113	109	109	119	111	102	127	110	119	118	115	-----	342
August.....	111	107	113	108	110	119	111	102	129	109	119	117	115	-----	341
September.....	111	107	114	108	111	122	111	103	129	113	120	119	117	-----	338
October.....	112	108	114	108	113	123	114	104	130	113	122	119	118	-----	336
November.....	113	108	114	108	114	123	116	103	133	113	124	120	119	-----	335
December.....	116	109	118	112	118	124	120	109	137	117	127	122	123	168	333
1923															
January.....	117	111	118	113	119	126	120	109	138	120	127	122	123	-----	331
February.....	118	112	118	115	120	127	121	110	139	121	127	127	127	-----	332
March.....	119	112	119	115	120	128	124	111	140	123	127	129	129	-----	333
April.....	119	113	119	116	121	129	125	112	140	123	127	131	129	-----	333
May.....	120	114	119	117	122	130	126	113	142	123	128	133	130	-----	331
June.....	122	115	121	117	125	129	130	115	143	124	132	134	133	176	331
July.....	122	115	121	119	125	128	130	114	143	124	130	135	134	-----	331
August.....	122	115	121	119	125	128	128	114	144	124	128	136	134	-----	333
September.....	123	116	124	118	126	129	129	115	144	126	128	136	136	-----	335
October.....	123	116	122	118	128	129	129	116	145	126	129	137	137	-----	335
November.....	124	117	122	119	132	129	129	117	146	126	133	141	137	-----	334
December.....	126	117	126	123	135	130	131	119	149	129	135	143	140	182	331
1924															
January.....	126	118	125	124	133	130	130	119	149	129	134	144	140	184	328
February.....	128	119	126	125	134	132	133	119	150	128	134	145	144	184	332
March.....	129	120	127	125	135	134	135	120	150	130	134	146	144	187	334
April.....	129	120	127	125	135	137	135	120	152	130	135	147	143	186	333
May.....	129	121	127	125	136	137	136	120	154	125	136	147	143	186	335
June.....	130	121	129	125	135	140	139	122	153	127	138	152	146	189	334
July.....															
August.....															
September.....															
October.....															
November.....															
December.....															

See footnotes on opposite page also.

¹ Savings deposits in each Federal Reserve district (including both commercial and savings banks) compiled by Federal Reserve Bank of that district from reports of identical banks, except Atlanta, Kansas City, and Dallas districts, which have been computed on chain relatives since June, 1923. Deposits in savings banks of New York State furnished by Savings Banks Association of the State of New York; postal savings from U. S. Post Office Department.

Table 144.—SAVINGS DEPOSITS

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	BALANCE TO CREDIT OF DEPOSITORS—END OF MONTH ¹													New York State savings banks ²	United States postal savings	
	Federal Reserve Districts															
	Total deposits	Boston (64 banks)	New York (30 banks)	Phila-delphia (78 banks)	Cleveland (18 banks)	Richmond (91 banks)	At-lanta (96 banks)	Chi-cago (209 banks)	St. Louis (32 banks)	Min-neap-olis (15 banks)	Kan-sas City (56 banks)	Dal-las (85 banks)	San Fran-cisco (72 banks)			
Thousands of dollars																
1913 monthly av.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	\$1,724,697	\$39,769
1914 monthly av.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,772,357	59,145
1915 monthly av.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,805,366	74,349
1916 monthly av.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,918,453	112,159
1917 monthly av.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,989,013	143,193
1918 monthly av.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,016,866	167,653
1919 monthly av.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,223,216	161,373
1920 monthly av.	\$5,437,438	\$1,036,420	\$1,537,056	\$389,823	\$345,252	\$225,478	\$168,731	751,870	\$612,598	\$90,554	\$71,707	\$80,957	\$44,800	\$699,790	2,405,491	163,434
1921 monthly av.	5,776,628	1,064,315	1,653,162	414,761	387,425	244,718	179,872	768,358	104,871	77,010	89,212	47,774	745,150	2,635,872	154,124	
1922 monthly av.	6,010,260	1,100,456	1,728,301	424,527	382,759	268,675	186,916	771,606	115,412	79,643	95,697	52,177	804,090	2,800,118	138,168	
1923 monthly av.	6,593,009	1,185,836	1,850,108	457,860	430,834	289,760	213,522	855,825	128,949	88,954	104,725	59,855	926,410	3,090,659	132,190	
1922																
January.....	5,869,409	1,078,232	1,698,444	425,438	375,639	254,299	177,525	756,027	109,248	77,971	90,151	49,738	776,697	-----	144,668	
February.....	5,878,869	1,081,935	1,698,535	426,470	374,773	255,034	177,227	759,049	110,704	78,196	91,034	49,836	776,076	-----	144,610	
March.....	5,905,159	1,085,788	1,704,841	427,104	374,372	259,576	180,757	758,001	111,675	79,057	92,518	52,030	779,440	2,716,533	144,018	
April.....	5,911,685	1,092,416	1,700,636	426,745	376,115	262,969	182,672	756,270	111,990	79,152	93,741	50,464	778,515	-----	142,326	
May.....	5,928,947	1,091,620	1,701,562	423,582	377,299	268,659	184,683	758,884	114,341	78,241	94,745	50,983	784,348	-----	139,959	
June.....	6,025,494	1,097,919	1,738,814	424,063	381,994	276,648	187,296	772,675	115,556	78,830	96,491	52,710	802,508	2,791,353	137,736	
July.....	5,999,047	1,102,250	1,728,753	423,963	377,989	269,238	187,898	764,312	114,733	79,165	95,864	52,694	802,488	-----	136,124	
August.....	6,010,978	1,104,435	1,728,310	422,128	380,941	269,220	187,891	767,120	116,715	78,395	95,638	52,639	807,546	-----	135,482	
September.....	6,059,101	1,108,924	1,744,493	420,090	383,995	274,199	187,117	773,053	117,136	80,827	96,682	53,357	819,028	-----	134,230	
October.....	6,097,135	1,114,412	1,741,543	419,573	389,013	278,077	192,751	783,414	118,058	80,841	98,837	53,269	827,347	-----	133,477	
November.....	6,129,394	1,116,546	1,746,127	419,046	393,214	276,936	194,864	793,823	120,539	81,246	99,901	53,629	833,523	-----	133,103	
December.....	6,307,857	1,130,998	1,807,550	436,122	407,761	279,246	202,622	816,668	124,197	83,793	102,556	54,779	861,565	2,892,469	132,282	
1923																
January.....	6,349,980	1,150,793	1,805,923	442,083	411,325	284,707	202,933	819,393	125,229	86,220	102,558	54,739	864,077	-----	131,566	
February.....	6,407,790	1,158,610	1,809,394	446,707	412,811	285,829	204,038	828,144	125,774	86,946	102,858	56,755	889,924	-----	131,980	
March.....	6,460,765	1,165,719	1,825,991	449,252	415,526	287,828	208,538	834,630	126,838	87,987	102,816	57,958	897,682	-----	132,180	
April.....	6,487,545	1,173,515	1,820,182	453,217	418,287	290,706	211,102	839,966	126,920	88,246	103,412	58,495	903,497	-----	132,291	
May.....	6,520,146	1,178,188	1,825,584	454,744	421,667	293,716	213,045	850,375	128,605	87,989	104,380	59,594	911,259	-----	131,751	
June.....	6,632,093	1,188,854	1,859,503	456,910	430,919	291,721	218,835	867,505	129,907	89,123	106,623	59,976	932,217	3,040,789	131,671	
July.....	6,625,604	1,192,585	1,854,810	461,876	430,014	289,348	218,777	858,068	129,740	88,820	105,136	60,306	936,123	-----	131,726	
August.....	6,625,963	1,194,152	1,854,412	461,922	432,286	288,652	215,358	858,657	130,158	88,820	103,892	60,716	936,938	-----	132,502	
September.....	6,672,204	1,198,304	1,873,986	461,474	435,528	290,092	217,318	861,491	130,128	90,326	103,871	60,740	948,946	-----	133,077	
October.....	6,703,325	1,204,326	1,871,844	461,935	441,103	290,783	218,209	872,155	131,741	90,043	104,422	61,517	955,447	-----	133,157	
November.....	6,744,188	1,207,722	1,876,107	463,010	455,596	290,543	218,340	882,010	131,862	90,517	107,471	63,024	957,986	-----	132,833	
December.....	6,878,154	1,217,267	1,923,763	480,131	464,948	283,193	220,771	897,508	134,823	92,410	109,265	63,870	980,205	3,144,094	131,518	
1924																
January.....	6,878,006	1,227,742	1,922,678	483,826	468,720	293,099	219,855	891,580	135,025	92,303	108,714	64,526	979,938	3,168,327	130,277	
February.....	6,938,646	1,235,079	1,928,114	485,354	463,107	298,464	224,817	895,491	135,929	92,076	108,653	65,082	1,006,480	3,172,696	132,152	
March.....	6,990,191	1,241,474	1,948,347	485,844	465,952	302,960	227,205	903,725	136,244	93,542	108,394	65,563	1,010,941	3,233,022	132,770	
April.....	6,988,643	1,247,628	1,941,969	487,634	465,639	308,941	228,250	900,802	137,645	92,967	108,918	65,818	1,002,532	3,210,507	132,565	
May.....	7,001,598	1,249,697	1,945,064	487,460	471,062	309,589	229,719	904,430	139,262	89,735	110,328	66,020	999,232	3,208,840	133,072	
June.....	7,089,775	1,256,624	1,981,700	488,816	467,618	315,352	234,474	916,257	138,550	90,892	111,942	68,035	1,019,515	3,267,717	132,655	
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	

See footnote on opposite page also.

¹ Yearly figures from 1914 to 1920, inclusive, and for 1923 are averages of deposits on June 30 and December 31 of each year; 1913 figures are for December 31; 1921 is average of four quarterly figures, and 1922 is average of three quarterly figures. Monthly data beginning with 1924 calculated by adding to incomplete monthly reports to the association the depositors' balance of the few non-reporting banks at the previous semiannual period.

² Approximate figure calculated from deposits and withdrawals.

Table 145.—BANKING

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	DEBITS TO INDIVIDUAL ACCOUNTS ¹		BANK CLEARINGS ¹		CONDITION OF FEDERAL RESERVE BANKS ²						CONDITION OF REPORTING MEMBER BANKS ³			INTEREST RATES ⁴	
	In New York City	Outside New York City	In New York City	Outside New York City	Bills discounted	Notes in circulation	Total investments	Total reserves	Total deposits	Reserve ratio	Total loans and discounts	Total investments	Net demand deposits	New York call loans	Commercial double-name paper, 4 to 6 mos.
	Relative to 1919		Relative to 1913		Relative to 1919						Relative to 1921		Relative to 1919	Relative to 1913	
1913 monthly average			100	100										100	100
1914 monthly average			88	96										112	87
1915 monthly average			116	102	1	3		18		188				58	63
1916 monthly average			169	184	1	7	24	27		166				83	63
1917 monthly average			187	169	12	23	39	58	60	161				102	66
1918 monthly average			189	205	60	73	79	91	90	114			88	154	107
1919 monthly average	100	100	249	243	100	100	100	100	100	100			100	215	98
1920 monthly average	99	114	257	275	132	120	116	97	99	87			107	251	184
1921 monthly average	85	91	205	212	91	102	67	122	90	122	100	100	96	182	118
1922 monthly average	98	97	230	230	28	85	104	144	96	154	92	126	103	134	80
1923 monthly average	98	107	226	275	39	86	67	146	100	152	99	137	105	148	90
1922															
January	94	95	219	211	44	83	56	140	92	154	92	107	97	133	88
February	81	84	195	186	37	83	74	141	91	156	91	110	97	150	88
March	100	99	237	223	33	83	92	142	93	155	91	110	97	134	87
April	102	94	238	213	26	82	110	143	95	156	91	115	101	129	83
May	106	98	244	228	24	82	122	143	97	155	91	123	104	124	77
June	108	98	255	234	24	81	120	144	100	154	90	131	105	121	72
July	97	93	233	224	20	81	118	145	97	158	90	132	104	117	71
August	90	90	215	225	21	82	117	146	97	158	90	135	103	122	73
September	94	94	219	233	22	86	117	146	95	156	92	133	105	137	77
October	110	105	249	267	24	88	113	147	95	155	94	135	106	132	79
November	94	98	220	250	34	89	95	146	96	152	94	135	105	149	83
December	102	112	240	262	33	94	119	144	98	144	95	143	106	143	84
1923															
January	109	112	251	290	31	84	92	147	103	153	96	144	109	131	84
February	93	96	213	238	31	86	96	146	101	152	98	139	109	149	85
March	111	112	251	285	36	85	85	145	102	150	99	140	105	160	92
April	101	107	228	274	33	85	79	145	99	153	99	138	105	150	93
May	102	116	244	285	38	86	76	146	101	152	99	139	106	146	93
June	103	111	237	280	40	85	57	146	100	153	99	139	105	148	88
July	90	104	211	268	39	84	46	146	98	156	98	135	105	152	89
August	80	99	187	254	42	85	45	146	99	154	98	135	102	150	92
September	83	98	191	254	45	86	45	145	100	152	100	135	103	143	93
October	94	113	225	296	46	85	50	146	101	152	100	135	106	143	93
November	98	106	229	277	41	86	63	146	100	152	100	133	105	146	92
December	109	116	247	301	44	89	74	143	100	146	100	135	104	150	90
1924															
January	108	111	262	292	27	77	66	149	103	162	100	133	106	138	88
February	98	100	230	256	27	77	71	147	103	161	100	134	106	137	87
March	106	109	249	280	25	76	78	147	104	161	101	134	106	122	83
April	102	108	238	278	23	74	72	147	104	163	102	135	108	135	84
May	105	106	263	275	22	72	71	147	103	165	100	138	108	110	77
June	108	104	253	296	18	70	80	149	109	165	102	143	112	68	71
July															
August															
September															
October															
November															
December															

See footnotes on opposite page also.

¹ Figures on bank clearings, showing volume of check transactions passing through the clearing house, compiled by *Bradstreets*. Clearings outside New York City represent 117 cities each year, estimates for some of the smaller cities being necessary in earlier years to complete the data.
² Debits to individual accounts are collected by the *Federal Reserve Board* from about 150 of the larger clearing-house centers. These data represent check transactions more fully than clearings inasmuch as all checks debited to individual accounts are included and not merely those passing through the clearing house. The figures given are combined from weekly totals, the first and last weeks of the month being prorated.

Table 146.—BANKING

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	DEBITS TO INDIVIDUAL ACCOUNTS ¹		BANK CLEARINGS ¹		CONDITION OF FEDERAL RESERVE BANKS ¹						CONDITION OF REPORTING MEMBER BANKS ¹			INTEREST RATES ¹	
	In New York City	Outside New York City	In New York City	Outside New York City	Bills dis-counted	Notes in cir-culation	Total invest-ments	Total re-serves	Total de-posits	Re-serve ratio	Total loans and dis-counts	Total invest-ments	Net de-mand deposits	New York call loans	Com-mercial double-name paper, 4 to 6 mos.
	Millions of dollars										Per cent	Millions of dollars			Per cent
1913 mo. av.			\$7,886	\$5,749										8.29	5.52
1914 mo. av.			6,918	5,508										3.68	4.60
1915 mo. av.			9,184	5,879	\$29	\$89		\$384		94.6				1.90	3.46
1916 mo. av.			13,298	7,713	24	185	\$144	586		83.5				2.74	3.45
1917 mo. av.			14,784	9,734	224	606	231	1,261	\$1,154	75.6				3.37	4.73
1918 mo. av.			14,878	11,801	1,158	1,911	466	1,991	1,738	57.0			\$9,270	5.08	5.88
1919 mo. av.	\$20,343	\$17,536	19,650	13,944	1,936	2,618	592	2,190	1,937	59.2			10,576	7.07	5.43
1920 mo. av.	20,087	20,067	20,261	15,801	2,557	3,154	685	2,126	1,922	43.5			11,302	8.58	7.38
1921 mo. av.	17,258	15,914	16,194	12,212	1,755	2,664	338	2,672	1,744	61.4	\$11,927	\$3,364	10,178	5.99	6.54
1922 mo. av.	19,988	16,937	18,158	13,204	550	2,215	618	3,149	1,851	77.5	10,953	4,230	10,855	4.42	4.43
1923 mo. av.	19,866	18,846	17,833	15,818	751	2,239	399	3,192	1,941	76.4	11,788	4,617	11,143	4.87	4.99
1921															
September	16,102	15,517	15,079	11,980	1,403	2,457	263	2,879	1,717	69.0	11,573	3,384	9,866	5.15	5.95
October	17,610	16,684	16,027	12,948	1,309	2,409	253	2,937	1,739	70.8	11,422	3,307	10,192	5.31	5.63
November	17,492	14,900	16,822	12,377	1,182	2,366	278	2,990	1,743	72.7	11,335	3,430	10,270	5.13	5.13
December	20,575	17,554	18,476	12,926	1,180	2,443	356	2,992	1,765	71.1	11,220	3,560	10,174	5.25	5.13
1922															
January	19,065	16,642	17,296	12,153	850	2,184	333	3,059	1,779	77.2	10,919	3,615	10,271	4.38	4.88
February	16,543	14,730	15,340	10,682	721	2,174	438	3,081	1,772	78.1	10,851	3,692	10,245	4.94	4.88
March	20,397	17,367	18,720	12,810	636	2,182	544	3,103	1,805	77.8	10,842	3,702	10,309	4.40	4.76
April	20,717	16,481	18,759	12,237	500	2,158	650	3,125	1,833	78.3	10,816	3,865	10,676	4.25	4.56
May	21,654	17,148	19,215	13,080	471	2,141	722	3,130	1,870	78.0	10,906	4,122	11,049	4.08	4.25
June	22,063	17,168	20,111	13,464	469	2,124	711	3,148	1,939	77.5	10,783	4,405	11,124	3.97	4.00
July	19,713	16,315	18,337	12,866	380	2,127	697	3,181	1,888	79.2	10,739	4,450	11,043	3.84	3.94
August	12,287	15,817	16,938	12,907	404	2,153	691	3,196	1,882	79.2	10,761	4,532	10,942	4.03	4.03
September	19,215	16,522	17,285	13,706	420	2,243	690	3,203	1,840	78.4	10,988	4,468	11,085	4.50	4.25
October	22,322	18,399	19,668	15,356	469	2,299	666	3,212	1,842	77.6	11,249	4,541	11,162	5.00	4.38
November	19,027	17,098	17,332	14,098	650	2,330	564	3,203	1,860	76.4	11,219	4,543	11,095	4.90	4.60
December	20,851	19,558	18,899	15,091	630	2,464	704	3,149	1,900	72.1	11,329	4,823	11,255	1.72	4.63
1923															
January	22,087	19,666	19,778	16,696	597	2,204	542	3,227	1,991	76.9	11,425	4,849	11,537	4.30	4.63
February	19,019	16,905	16,784	13,707	596	2,247	571	3,202	1,952	76.2	11,639	4,690	11,525	4.91	4.69
March	22,541	19,567	19,768	16,361	700	2,232	504	3,176	1,976	75.5	11,783	4,714	11,682	5.28	5.06
April	20,478	18,732	18,010	15,736	637	2,223	468	3,179	1,909	77.0	11,839	4,634	11,156	4.94	5.13
May	20,704	20,367	19,212	16,365	731	2,250	447	3,195	1,952	76.1	11,840	4,665	11,173	4.80	5.13
June	21,041	19,631	18,675	16,116	775	2,227	339	3,202	1,937	76.9	11,850	4,692	11,104	4.88	4.88
July	18,321	18,184	16,646	15,395	761	2,195	273	3,200	1,897	78.2	11,716	4,528	11,078	5.00	4.94
August	16,189	17,308	14,778	14,596	816	2,225	267	3,201	1,908	77.5	11,708	4,537	10,880	4.95	5.10
September	16,799	17,261	15,071	14,593	862	2,248	264	3,193	1,930	76.4	11,877	4,545	10,891	4.88	5.16
October	19,152	19,747	17,731	17,036	884	2,225	297	3,191	1,959	76.3	11,943	4,530	11,158	4.70	5.13
November	19,983	18,521	18,048	15,915	794	2,246	373	3,197	1,939	76.4	11,904	4,464	11,102	4.81	5.09
December	22,081	20,367	19,495	17,302	857	2,340	441	3,138	1,938	73.3	11,934	4,555	11,034	4.94	4.97
1924															
January	22,014	19,395	20,689	16,770	522	2,023	393	3,263	1,991	81.3	11,884	4,480	11,239	4.55	4.88
February	19,886	17,512	18,120	14,713	532	2,022	419	3,230	1,986	80.6	11,874	4,496	11,165	4.50	4.78
March	21,546	19,186	19,650	16,118	482	1,983	460	3,223	2,007	80.8	12,065	4,515	11,171	4.00	4.59
April	20,654	18,865	20,326	15,962	447	1,926	426	3,223	2,005	82.0	12,121	4,535	11,439	4.44	4.63
May	21,406	18,639	20,722	15,833	430	1,891	421	3,214	1,997	82.7	11,951	4,659	11,403	3.63	4.23
June	21,926	18,304	19,958	15,264	350	1,844	476	3,271	2,108	82.8	12,142	4,827	11,837	2.25	3.91
July															
August															
September															
October															
November															
December															

See footnotes on opposite page also.

¹ Condition reports, showing respectively the combined condition of the twelve Federal reserve banks and the condition of over 800 member banks of the Federal reserve system, are compiled by the *Federal Reserve Board*. The condition is given as of the last Wednesday of the month, but prior to April, 1921, figures are of the last Friday of the month. The reserve ratio represents the percentage which total reserves (mostly gold) form of the combined deposit and Federal reserve note liabilities. Prior to March, 1921, net deposits were used instead of total deposits in calculating reserve ratios.

² Interest rates are averages of weekly ranges in the New York market as published by the *Commercial and Financial Chronicle*. During the earlier years quotations on commercial paper are based on prime double-name commercial paper maturing in 60 to 90 days, but lately the quotations have been changed to from 4 to 6 months' paper, which now constitutes the bulk of this business and the rates for which have been practically identical with the shorter maturities. Call loan rates are based upon mixed collateral. Detailed data by months from 1913 are given in the June, 1924, issue (No. 34) of the *SURVEY OF CURRENT BUSINESS*, page 56.

Table 147.—STOCKS AND BONDS ¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	STOCK PRICES			BOND PRICE INDEX							BOND YIELDS ^e	NEW YORK STOCK EXCHANGE SALES				
	Combined index (163 stocks) ¹	25 industrials ²	25 railroads ³	Combined index (40 bonds) ⁴	10 highest grade rails ⁵	10 second-grade rails ⁵	10 public utility bonds ⁵	10 industrial bonds ⁵	Combined index (66 bonds) ⁵	5 Liberty and Treasury bonds		10 foreign	Municipal bonds (end of month)	Stocks (shares)	Miscellaneous bonds	Liberty and Victory bonds
	Rel. to 1921	Relative to 1913		Relative to 1915					Relative to 1921			Relative to 1913		Relative to 1919		
1913 monthly average.....		100	100									100	100	58		13
1914 monthly average.....		100	93									93	58	80		18
1915 monthly average.....		129	88	100	100	100	100	100				95	209	112		26
1916 monthly average.....		170	96	105	103	103	105	108				91	280	132		31
1917 monthly average.....		147	83	98	97	96	98	101				97	222	87	17	28
1918 monthly average.....		139	74	91	80	88	87	98				103	173	67	49	63
1919 monthly average.....		182	75	90	87	88	84	100				101	377	100	100	100
1920 monthly average.....		184	67	78	79	77	70	85				113	270	124	99	105
1921 monthly average.....	100	136	64	78	83	81	73	78	100	100	100	113	207	162	73	94
1922 monthly average.....	115	169	75	97	95	95	91	105	111	107	110	95	316	290	58	111
1923 monthly average.....	97	185	72	93	92	90	90	102	109	106	108	96	284	320	68	67
1922																
January.....	105	143	65	91	93	91	83	102	108	105	107	99	222	268	97	136
February.....	108	149	68	92	92	91	84	102	108	105	109	99	234	263	62	100
March.....	111	153	70	94	93	93	88	102	110	107	110	98	350	333	76	136
April.....	111	163	74	96	94	96	90	104	112	107	111	93	440	371	77	145
May.....	115	166	78	97	94	96	93	106	113	107	111	94	418	322	61	122
June.....	114	166	74	97	95	95	92	105	111	107	110	94	347	277	53	105
July.....	117	170	77	98	98	97	93	106	112	108	111	94	219	265	48	98
August.....	123	178	82	100	99	99	95	107	113	108	111	93	268	312	38	101
September.....	121	184	83	101	99	99	97	108	113	108	110	92	314	285	38	95
October.....	120	191	83	99	96	97	96	107	111	107	109	93	371	283	69	118
November.....	119	182	76	97	94	93	94	105	111	106	108	94	330	254	38	88
December.....	114	187	74	97	94	93	93	105	111	107	109	93	284	249	45	92
1923																
January.....	112	190	74	96	94	92	93	106	110	107	107	93	292	300	32	94
February.....		198	79	96	94	92	93	105	110	106	109	92	328	262	26	81
March.....	117	199	78	93	90	89	91	102	109	106	109	93	386	274	28	85
April.....	114	195	76	93	91	89	90	101	110	106	110	94	291	248	25	77
May.....	111	186	73	93	92	90	90	102	110	106	110	95	334	234	41	86
June.....	100	182	73	94	92	90	90	103	109	106	110	95	293	242	31	80
July.....	98	176	70	93	92	90	89	102	110	106	109	96	183	173	26	69
August.....	102	177	68	94	93	88	90	102	110	106	108	98	190	163	18	61
September.....	100	177	69	93	92	88	89	102	109	106	108	99	211	152	20	61
October.....	100	175	69	92	92	88	88	101	109	105	108	99	228	204	33	72
November.....	104	181	70	92	93	88	87	102	109	106	107	98	326	228	28	74
December.....	107	187	70	93	92	89	88	102	109	106	107	98	348	238	29	77
1924																
January.....	110	193	73	94	93	91	90	104	110	107	108	97	401	355	39	112
February.....	104	192	73	94	92	91	90	103	110	107	108	98	298	250	23	75
March.....	97	189	74	94	92	91	91	103	110	107	108	98	263	288	31	90
April.....	96	183	75	95	93	92	92	102	110	108	108	97	257	260	39	90
May.....	95	183	75	95	94	93	91	103	111	108	108	96	194	253	39	88
June.....	100	187	78	97	96	96	94	104	113	110	110	93	243	403	43	127
July.....																
August.....																
September.....																
October.....																
November.....																
December.....																

See footnotes on opposite page also.

¹ Bond price index, based on 4 per cent bonds, and bond sales from *Dow, Jones & Co.*; combined indexes for 163 stocks and 67 bonds, respectively, 6 Liberty and Victory bonds, 16 foreign government and city bonds, compiled by the *New York Trust Co.*; municipal bond yields from *The Bond Buyer*; and stock prices and sales from the *Analyst*.

² Includes 25 railroads, 10 iron and steel, 5 railroad equipment, 9 motor (including accessories), 5 rubber tires, 5 shipping, 5 sugar, 5 leather and shoe, 5 tobacco, 10 copper, 10 oil, and 9 New York bank and trust companies taken as of the last day of the month.

³ Prices are averages, as taken at the end of each week, of the closing prices for these stocks on New York Stock Exchange.

Table 148.—STOCKS AND BONDS¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	STOCK PRICES			BOND PRICE INDEX									BOND YIELDS ⁶	NEW YORK STOCK EXCHANGE SALES			
	Com- bined index (103 stocks) ²	25 Indus- trial ³	25 rail- roads ³	Com- bined index (40 bonds) ⁴	10 high- est grade ralls ⁴	10 sec- ond grade ralls ⁴	10 public utility bonds ⁴	10 Indus- trial bonds ⁴	Com- bined index (66 bonds) ⁵	5 Lib- erty and Treas- ury	16 for- eign	Mun- ici- pal bonds	Stocks	Mis- cella- neous bonds	Liberty and Victory bonds	Total bonds	
	Dollars per share			Per cent of par value of 4 per cent bond						Per cent of par value			Per cent	Thous. of shares	Thousands of dollars, par value		
1913 monthly av.....		\$58.19	\$82.97									4.45	6,924	\$41,499		\$11,499	
1914 monthly av.....		58.08	77.57									4.16	3,992	56,959		56,959	
1915 monthly av.....		75.35	73.16	76.76	89.79	75.55	73.73	70.51				4.23	14,443	78,623		79,623	
1916 monthly av.....		99.14	80.05	80.49	92.45	78.00	77.59	75.89				4.06	19,404	94,199		94,199	
1917 monthly av.....		85.44	69.12	75.58	87.43	72.42	72.36	71.35				4.31	15,378	61,566	\$40,492	85,690	
1918 monthly av.....		80.98	61.34	69.84	80.02	66.12	63.59	69.36				4.58	11,948	47,544	117,059	164,603	
1919 monthly av.....		105.77	62.06	69.07	77.89	66.33	61.77	70.76				4.50	26,073	71,322	236,814	308,136	
1920 monthly av.....		107.21	55.94	59.70	71.33	58.54	51.99	60.12				5.04	18,728	88,563	235,406	323,689	
1921 monthly av.....	\$84.87	79.38	53.21	60.15	74.39	61.43	63.92	55.28	85.33	93.20	92.42	5.02	14,334	115,686	173,130	288,816	
1922 monthly av.....	97.08	98.58	62.38	74.11	85.50	71.76	67.50	74.00	94.93	99.54	101.22	4.21	21,852	206,948	136,442	343,390	
1923 monthly av.....	82.13	107.78	60.15	71.72	82.89	67.71	66.26	72.27	93.40	98.77	100.22	4.27	19,671	161,354	68,549	227,903	
1922																	
January.....	88.74	82.99	54.21	70.22	83.23	68.46	61.07	71.63	91.93	97.50	99.00	4.41	15,394	191,216	228,613	419,829	
February.....	90.93	86.47	56.67	70.71	82.95	68.47	62.34	72.07	92.63	98.29	100.90	4.39	16,185	187,368	121,981	309,349	
March.....	93.70	89.20	57.98	71.85	83.33	70.06	64.65	71.80	93.72	99.39	101.85	4.35	24,205	237,852	180,639	418,491	
April.....	93.53	94.59	61.62	73.69	84.60	72.20	66.58	73.59	95.21	99.90	102.84	4.15	30,468	264,341	182,582	446,923	
May.....	97.56	96.84	62.92	74.72	84.80	72.83	68.65	74.42	96.79	100.11	102.71	4.18	28,911	229,460	144,967	374,427	
June.....	96.76	96.69	61.49	74.28	85.29	71.89	67.92	74.10	95.03	100.13	101.89	4.18	24,036	197,772	126,121	323,893	
July.....	99.06	99.06	63.72	75.44	88.09	73.18	68.47	74.64	96.03	100.84	102.24	4.19	18,149	188,691	114,284	302,975	
August.....	103.65	103.68	67.64	76.80	89.01	75.05	69.83	75.73	96.86	100.27	100.27	4.15	17,550	222,863	89,855	312,718	
September.....	102.02	107.02	68.70	77.47	89.29	74.89	71.59	76.28	96.34	100.32	101.59	4.09	21,775	203,184	88,909	292,093	
October.....	101.65	111.25	68.53	75.96	85.93	73.29	70.75	75.53	95.06	99.31	100.35	4.14	25,676	201,506	163,616	365,122	
November.....	100.68	106.09	63.46	74.10	84.68	70.52	69.28	73.79	94.53	98.88	100.21	4.18	22,852	181,457	89,420	270,877	
December.....	96.53	109.08	61.71	74.11	84.82	70.29	68.91	74.38	95.00	99.57	100.84	4.16	19,692	177,670	106,317	283,987	
1923																	
January.....	94.67	110.35	61.71	73.76	84.46	69.82	63.34	74.43	94.26	99.29	99.22	4.14	20,208	214,185	76,239	290,424	
February.....	101.65	115.03	65.28	73.42	84.18	69.31	68.40	73.80	94.26	99.05	100.55	4.11	22,694	187,150	61,207	248,357	
March.....	99.29	116.03	65.06	71.65	81.15	67.42	67.41	72.25	93.11	98.55	100.78	4.13	26,741	195,146	66,599	261,745	
April.....	96.48	113.46	63.04	71.29	81.55	67.48	66.52	71.44	93.81	98.88	101.48	4.18	20,136	176,642	60,351	236,993	
May.....	94.11	108.18	60.73	71.71	82.58	67.73	66.38	72.25	93.97	98.81	101.37	4.22	23,106	166,736	97,633	264,369	
June.....	84.61	105.94	60.95	71.80	82.73	68.09	66.16	72.35	93.18	98.62	101.27	4.24	20,317	172,656	73,474	246,130	
July.....	82.87	102.52	58.07	71.40	82.78	67.70	65.70	71.68	93.54	98.95	100.52	4.29	12,668	123,068	61,747	184,815	
August.....	86.20	102.95	56.24	71.85	83.66	67.81	66.35	72.02	93.53	98.75	100.17	4.35	13,126	116,604	41,776	158,380	
September.....	84.54	102.74	57.14	71.22	82.76	66.80	65.95	71.71	92.90	98.40	99.62	4.40	14,610	108,499	48,048	156,507	
October.....	84.33	101.78	57.06	70.56	82.46	66.29	64.75	71.25	93.01	98.20	99.45	4.39	15,809	145,585	77,423	223,008	
November.....	88.28	105.44	58.30	70.96	83.25	66.79	64.53	72.02	92.89	98.93	99.07	4.37	22,573	162,271	65,869	228,140	
December.....	90.15	108.88	58.25	71.04	82.73	67.31	64.63	71.99	93.03	98.82	99.15	4.37	24,067	169,750	68,220	227,970	
1924																	
January.....	93.00	112.14	60.35	72.23	83.59	68.43	66.12	73.09	93.99	99.50	99.60	4.32	27,782	253,394	91,693	345,087	
February.....	87.77	111.83	60.47	72.15	82.70	68.72	66.27	72.86	93.78	99.48	99.77	4.36	20,637	178,379	53,375	231,754	
March.....	82.12	109.82	61.09	72.35	82.76	68.87	67.19	72.42	93.93	99.70	99.71	4.34	18,296	206,667	72,622	278,189	
April.....	81.00	106.71	62.09	72.67	83.58	69.52	67.33	72.03	94.25	100.36	99.89	4.30	17,792	185,446	93,101	278,567	
May.....	80.30	106.43	62.53	73.17	84.42	70.62	67.39	72.34	94.74	100.94	100.00	4.26	13,442	180,440	91,979	272,419	
June.....	84.83	108.93	65.07	74.59	85.84	72.49	69.08	73.01	96.35	102.49	102.05	4.15	16,803	287,519	102,855	390,374	
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

See footnotes on opposite page also.

¹ These indexes are combined from the yields of the average prices of the bonds for each day of the month, the average yields for the 10 bonds of each class being capitalized at 4 per cent to give the combined index.

² Includes 6 Liberty and Victory bonds (the two issues Victory bonds being replaced at their redemption by the Treasury bonds, this making only 5 issues), 16 foreign government and city, 20 railroads, 10 public utilities, and 5 telegraph and telephone issues taken as of the last day of the month.

³ Average market yield of bonds of 20 large cities at the end of each month. Averages for 1913 to 1916, inclusive, taken from Bond Buyer's Index of the Municipal Bond Market, based on period Jan. 1 to Dec. 1; subsequent yearly data are averages for the period Jan. 31 to Dec. 31.

⁴ Represents an average of 7 months, June to December, inclusive.

⁵ Five substitutions in this series in January, 1922, account for the violent change in the index.

Table 149.—BUSINESS PROFITS AND LOSSES

(Relative numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	BUSINESS FAILURES ¹										DIVIDEND AND INTEREST PAYMENTS ¹				
	Total commercial		Manufacturing establishments		Trade establishments		Agents and brokers		Banks (quarterly)		Total dividend and interest payments	Dividend payments			
	Liabilities	Firms	Liabilities	Firms	Liabilities	Firms	Liabilities	Firms	Liabilities	Firms		Total	Industrial and miscellaneous companies	Steam railroads	Street railways
Relative to 1913															
1913 monthly average.	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
1914 monthly average.	131	114	109	109	144	115	164	124	178	180	101	98	95	99	
1915 monthly average.	110	138	90	121	130	144	116	156	118	110	105	95	94	95	
1916 monthly average.	72	106	59	99	80	107	93	135	33	40	120	111	117	106	
1917 monthly average.	67	86	64	87	61	85	95	113	59	40	134	129	147	105	
1918 monthly average.	60	70	59	65	50	58	92	111	16	20	153	122	140	98	
1919 monthly average.	41	40	41	44	33	36	70	89	52	40	179	114	125	96	
1920 monthly average.	108	55	103	62	77	50	228	109	161	100	192	115	130	96	
1921 monthly average.	229	123	188	106	222	125	406	178	548	340	188	110	117	96	
1922 monthly average.	228	148	173	134	236	152	400	165	246	230	191	111	114	95	
1923 monthly average.	197	117	226	117	183	117	140	106	642	460	202	115	117	98	
1922															
January.....	323	204	223	151	357	219	574	291			244	196	145	100	292
February.....	318	174	274	136	320	184	474	252			114	105	103	111	125
March.....	314	184	227	159	291	189	704	257	483	353	110	110	117	115	64
April.....	320	162	193	138	271	169	945	198			245	124	144	92	162
May.....	195	147	135	144	266	148	174	139			164	73	67	83	94
June.....	168	130	112	116	218	135	203	133	188	193	194	84	94	83	44
July.....	175	131	143	132	180	131	279	126			232	141	134	111	168
August.....	177	128	126	119	192	132	308	117			120	106	108	117	80
September.....	162	117	145	126	176	113	177	135	110	133	164	79	97	63	63
October.....	152	128	152	131	160	127	125	122			240	131	155	93	176
November.....	176	130	145	129	196	132	227	94			174	90	70	124	109
December.....	255	136	200	127	209	140	606	119	204	243	214	94	129	51	66
1923															
January.....	216	159	223	141	243	169	97	107			310	204	153	100	298
February.....	178	113	160	99	219	120	105	83			119	107	106	112	129
March.....	212	126	242	124	217	127	90	122	153	217	192	113	121	117	71
April.....	225	114	307	110	162	117	142	81			253	129	148	94	173
May.....	180	115	161	114	198	115	187	111			171	76	70	85	102
June.....	126	102	113	99	130	104	161	74	465	213	199	86	96	36	47
July.....	157	92	185	99	112	89	205	98			247	145	138	114	178
August.....	150	99	154	109	137	96	182	85			127	111	111	124	87
September.....	126	92	131	92	120	93	128	72	308	280	174	82	100	62	69
October.....	348	125	570	141	182	119	96	120			261	134	158	95	184
November.....	217	128	275	140	180	122	137	144			173	92	72	126	118
December.....	226	138	186	140	203	135	148	170	1,657	1,217	193	97	132	53	70
1924															
January.....	225	158	279	143	204	165	100	120			294	217	162	104	317
February.....	158	129	159	113	184	135	65	152			125	110	109	114	135
March.....	428	136	703	137	201	124	194	146	1,271	883	215	119	129	120	81
April.....	214	128	223	124	195	127	246	169			260	131	151	97	185
May.....	160	136	171	144	160	131	122	174			214	80	72	93	108
June.....	145	120	161	124	155	113	92	156			206	93	101	89	79
July.....									671	543	268	152	141	118	202
August.....															
September.....															
October.....															
November.....															
December.....															

See footnotes on opposite page.

Table 150.—BUSINESS PROFITS AND LOSSES

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	BUSINESS FAILURES ¹										DIVIDEND AND INTEREST PAYMENTS ²				
	Total commercial		Manufacturing establishments		Trade establishments		Agents and brokers		Banks (quarterly)		Total dividends and interest payments	Dividend payments			
	Liabilities	Firms	Liabilities	Firms	Liabilities	Firms	Liabilities	Firms	Liabilities	Number		Total	Industrial and miscellaneous companies	Steam railroads	Street railways
	Thousands of dollars	Number	Thousands of dollars	Number	Thousands of dollars	Number	Thousands of dollars	Number	Thousands of dollars	Number	Thousands of dollars				
1913 monthly average	\$72,818	1,336	\$10,366	353	\$9,583	929	\$2,869	54	\$7,887	30	\$148,103	\$69,538	\$38,527	\$24,733	\$4,906
1914 monthly average	29,821	1,523	11,312	385	13,805	1,071	4,704	67	14,001	54	148,048	68,461	36,530	24,540	5,368
1915 monthly average	25,100	1,846	9,335	426	12,436	1,336	3,335	84	9,306	33	155,426	66,019	36,374	23,613	5,149
1916 monthly average	16,354	1,415	6,083	349	7,616	994	2,655	73	1,598	12	177,919	77,176	44,956	26,095	6,020
1917 monthly average	15,203	1,154	6,628	308	5,843	786	2,732	61	4,614	12	199,095	59,856	56,542	26,038	6,493
1918 monthly average	13,590	832	6,121	230	4,825	541	2,644	60	1,284	6	227,061	85,181	53,788	21,135	6,318
1919 monthly average	9,442	538	4,301	155	3,139	334	2,002	48	4,131	12	265,764	73,250	46,261	22,765	5,977
1920 monthly average	24,593	740	10,666	220	7,380	461	6,547	59	12,675	30	284,573	80,248	50,140	23,832	6,074
1921 monthly average	52,361	1,638	19,488	375	21,232	1,166	11,641	96	43,254	102	278,481	76,965	45,200	23,668	5,970
1922 monthly average	51,989	1,973	17,910	473	22,615	1,410	11,465	89	19,434	69	283,310	77,554	43,723	23,508	5,902
1923 monthly average	44,885	1,560	23,379	414	17,495	1,089	4,012	57	50,634	144	298,618	80,166	45,072	24,069	6,251
1922															
January	73,796	2,723	23,166	533	34,172	2,033	16,458	157			361,925	136,925	55,360	24,650	14,325
February	72,608	2,331	23,369	481	30,635	1,714	13,604	136			169,350	73,250	39,650	27,460	6,150
March	71,608	2,463	23,522	563	27,884	1,761	20,262	139	38,123	106	280,950	76,850	45,250	28,450	3,150
April	73,059	2,167	20,015	488	25,928	1,572	27,116	107			363,235	86,376	55,550	22,875	7,931
May	44,403	1,960	13,959	508	25,446	1,377	4,998	75			242,576	50,976	25,875	20,875	4,601
June	38,242	1,740	11,576	409	20,837	1,259	5,829	72	14,825	58	287,100	58,900	36,100	20,650	2,150
July	40,011	1,753	14,795	467	17,226	1,218	7,990	68			344,050	98,150	51,650	27,475	8,225
August	40,280	1,714	13,101	420	18,346	1,231	8,833	63			178,061	74,261	41,500	28,825	3,936
September	36,908	1,566	14,987	444	16,838	1,049	5,083	73	8,666	40	242,165	55,266	37,425	14,725	3,115
October	34,647	1,708	15,736	464	15,330	1,178	3,581	66			356,035	91,435	59,825	22,975	8,635
November	40,265	1,737	15,008	456	18,741	1,230	6,516	51			257,072	62,810	26,800	30,650	5,360
December	58,069	1,814	20,691	449	20,005	1,301	17,373	64	16,121	73	317,200	65,450	49,750	12,500	3,220
1923															
January	49,210	2,126	23,120	499	23,306	1,569	2,784	58			459,465	142,715	58,815	24,675	14,625
February	40,628	1,508	16,613	348	21,001	1,115	3,014	45			176,905	74,805	40,775	27,705	6,325
March	48,404	1,682	25,043	437	20,780	1,179	2,581	66	12,052	65	283,645	79,055	46,700	28,950	3,505
April	51,394	1,520	31,829	388	15,496	1,088	4,069	44			374,286	89,930	57,150	23,200	6,490
May	41,022	1,530	16,686	401	18,960	1,069	5,376	60			253,425	53,400	27,050	21,225	5,125
June	28,722	1,358	11,703	348	12,413	970	4,606	40	36,700	64	295,050	60,300	36,900	21,100	2,300
July	35,721	1,231	19,139	350	19,701	828	5,881	53			366,025	101,575	52,975	28,150	8,750
August	34,335	1,319	15,988	385	13,125	888	5,222	46			187,523	77,525	42,675	30,600	4,250
September	28,698	1,226	13,571	324	11,462	863	3,665	39	24,294	84	258,416	57,216	38,506	15,315	3,396
October	79,302	1,673	59,136	498	17,413	1,110	2,753	65			387,120	93,420	60,795	23,610	9,015
November	49,692	1,704	28,456	495	17,194	1,131	3,942	78			256,500	64,500	27,575	31,150	5,775
December	51,615	1,841	19,275	495	28,092	1,254	4,248	92	130,693	365	286,050	67,550	50,950	13,150	3,480
1924															
January	51,273	2,108	28,875	505	19,525	1,538	2,872	65			420,025	151,240	62,375	25,750	15,565
February	35,942	1,730	16,478	398	17,598	1,250	1,885	82			185,565	76,640	41,895	28,115	6,630
March	97,651	1,817	72,833	484	19,240	1,154	5,573	79	100,276	265	319,041	83,241	49,650	29,600	3,991
April	48,904	1,707	23,137	438	18,719	1,178	7,049	91			384,350	91,425	58,300	24,050	9,075
May	36,591	1,816	17,787	507	15,346	1,215	3,488	94			316,563	55,860	27,625	22,985	5,275
June	34,099	1,607	16,646	439	14,810	1,054	2,643	84	52,853	163	305,740	64,540	38,965	22,015	3,860
July											396,580	106,440	54,260	29,175	3,895
August															
September															
October															
November															
December															

¹ Compiled by *Dun's Review*; for annual data in greater detail see pp. 57-59, April, 1924, issue, *SURVEY OF CURRENT BUSINESS* (No. 32).
² Data compiled by *New York Journal of Commerce*. "Total dividends" include bank dividends not separately shown for those months where such payments are reported. The total interest payments may be obtained by subtracting total dividends from total interest and dividend payments. Monthly data for total dividend and interest payments covering the period 1913 to 1921 appeared in the September, 1922, issue (No. 13), *SURVEY OF CURRENT BUSINESS*, p. 46; and for dividends, classified, covering the same period, in the October, 1922, issue (No. 14), *SURVEY OF CURRENT BUSINESS*, p. 51.
³ Yearly data are quarterly averages.

Table 151.—NEW SECURITY ISSUES

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	CORPORATE SECURITIES										MUNICIPAL SECURITIES			New incorporations ²		
	Total ¹	Total ¹				Distribution of bonds ¹						Perma- nent loans (long term) ³	Tempo- rary loans (short term) ³		South- ern States total ⁴	Relative to 1913
		Stocks	Bonds and notes	New capital	Re- fund- ing	Railroads		Public utilities		Industrial corporations						
						New capital	Re- fund- ing	New capital	Re- fund- ing	New capital	Re- fund- ing					
		Relative to 1920				Relative to 1910											Relative to 1913		Relative to 1922	Relative to 1913
1913 monthly average	100											100	100		100	
1914 monthly average	87											109	59		70	
1915 monthly average	87											121	32		96	
1916 monthly average	133											122	61		161	
1917 monthly average	93											109	81		217	
1918 monthly average	82											64	98		106	
1919 monthly average	184											189	93		613	
1920 monthly average	189	100	100	100	100	100	100	100	100	100	100	189	137		725	
1921 monthly average	160	26	113	67	231	337	858	299	217	228	333	339	158		385	
1922 monthly average	208	58	129	86	288	466	354	375	359	287	818	313	82	100	406	
1923 monthly average	221	70	133	101	207	456	153	569	414	419	751	272	103		453	
1922																
May.....	292	110	167	134	286	371	(?)	1,424	862	392	1,959	365	37	111	545	
June.....	240	70	169	119	289	776	26	538	369	226	856	490	48	148	173	
July.....	170	19	137	54	527	287	1,149	279	522	338	970	352	62	67	368	
August.....	162	47	53	44	122	59	(?)	112	10	136	492	247	48	87	375	
September.....	201	173	135	127	386	368	(?)	298	476	172	(?)	350	108	70	377	
October.....	124	22	143	72	383	128	153	648	610	408	1,304	221	150	101	378	
November.....	168	22	72	43	162	42	136	242	593	323	275	157	116	94	469	
December.....	316	90	80	80	128	263	273	170	51	208	105	275	87	81	472	
1923																
January.....	461	152	309	197	833	611	136	686	948	1,576	5,260	290	121	79	528	
February.....	173	88	113	102	124	392	338	708	204	563	734	230	88	77	407	
March.....	229	72	145	108	236	677	341	664	281	414	27	224	88	68	291	
April.....	200	127	107	109	191	446	None.	316	672	269	436	261	149	97	584	
May.....	254	34	108	74	164	538	74	627	365	311	1,324	301	64	113	474	
June.....	238	28	166	95	345	160	None.	461	807	262	488	502	101	133	814	
July.....	173	24	70	58	7	202	None.	254	6	477	85	198	154	56	421	
August.....	100	16	75	49	100	311	None.	230	260	23	None.	183	102	54	195	
September.....	150	33	71	61	20	286	34	319	24	196	41	169	98	68	291	
October.....	180	37	125	94	88	795	434	678	95	358	145	207	164		409	
November.....	273	107	185	143	305	1,006	151	1,386	1,196	349	394	278	72		471	
December.....	194	117	116	120	70	144	324	781	25	264	292	329	35		555	
1924																
January.....	161	74	151	123	130	549	None.	1,074	431	139	590	247	125	129	510	
February.....	186	66	125	101	175	609	222	943	297	359	1,775	303	151	64	384	
March.....	210	64	132	113	54	426	None.	718	68	607	474	302	204	104	469	
April.....	194	59	141	111	121	635	65	881	273	196	265	386	196	100	307	
May.....	132	279	157	198	228	851	1,453	2,841	33	481	456	351	201		302	
June.....	210											780	71		264	
July.....																
August.....																
September.....																
October.....																
November.....																
December.....																

See footnotes on opposite page also.

¹ Data on new capital issues as compiled by the *New York Journal of Commerce*.
² Distribution of capital issues as compiled by the *Commercial and Financial Chronicle*. Stocks include all issues of that type whether for new capital or refunding purposes. The allocation "Bonds and notes" includes long and short term issues for both new capital and refunding purposes. The columns "New Capital" and "Refunding" include all types of financing to be used for the purpose designated. Industrial corporations as used here include the following industries: Iron, steel, coal, copper, equipment manufactures, motors and accessories, and miscellaneous industrial and manufacturing companies.

Table 152.—NEW SECURITY ISSUES

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	CORPORATE SECURITIES										MUNICIPAL SECURITIES			New incorporations ¹			
	Total ¹	Total ¹				Distribution of bonds ¹						Perma- nent loans (long term) ¹	Tempo- rary loans (short term) ¹		South- ern States, total ²		
		Stocks	Bonds and notes	New capital	Re- fund- ing	Railroads		Public utilities		Industrial corporations							
						New capital	Re- fund- ing	New capital	Re- fund- ing	New capital	Re- fund- ing						
Thousands of dollars, par value																	
1913 mo. av.	\$137, 145												\$34, 049	\$40, 288		\$172, 301	
1914 mo. av.	119, 710												37, 159	23, 838		120, 306	
1915 mo. av.	119, 613												41, 049	12, 894		104, 915	
1916 mo. av.	182, 208												41, 450	21, 367		276, 925	
1917 mo. av.	127, 498												37, 078	32, 704		373, 198	
1918 mo. av.	112, 068												21, 902	39, 428		183, 275	
1919 mo. av.	251, 764												64, 183	37, 508		1, 056, 519	
1920 mo. av.	258, 886	\$89, 253	\$157, 935	\$225, 825	\$21, 357	\$3, 314	\$2, 933	\$9, 754	\$4, 729	\$10, 608	\$943	64, 472	2, 730	115, 281	63, 503		1, 249, 920
1921 mo. av.	219, 572	23, 271	177, 963	151, 828	49, 407	23, 056	25, 152	29, 165	10, 289	24, 103	3, 138	115, 281	63, 503			663, 280	
1922 mo. av.	285, 395	51, 969	203, 899	194, 615	61, 460	33, 707	10, 394	36, 544	16, 985	30, 457	7, 717	106, 620	32, 985	\$26, 316		706, 013	
1923 mo. av.	303, 418	62, 287	209, 324	227, 083	44, 195	37, 928	4, 478	55, 544	19, 565	44, 407	7, 079	92, 597	41, 453			780, 805	
1922																	
May.....	400, 700	98, 533	264, 274	301, 783	61, 024	30, 873	None	138, 888	40, 746	41, 568	18, 757	124, 425	14, 720	29, 176		933, 195	
June.....	329, 304	62, 888	267, 613	268, 725	61, 776	64, 511	750	52, 510	17, 459	23, 036	8, 074	169, 748	19, 245	38, 940		297, 557	
July.....	232, 976	17, 360	216, 810	121, 614	112, 556	23, 825	33, 702	27, 240	24, 709	35, 848	9, 144	120, 008	24, 811	17, 529		634, 259	
August.....	222, 612	41, 745	82, 971	98, 566	26, 150	4, 879	None	10, 971	470	14, 459	4, 641	83, 957	19, 471	22, 829		646, 605	
September.....	276, 320	154, 639	213, 992	286, 180	82, 500	30, 637	None	29, 085	22, 500	18, 240	None	119, 209	43, 650	18, 511		650, 014	
October.....	170, 582	19, 301	225, 123	163, 184	81, 740	10, 625	4, 500	63, 165	28, 852	43, 230	12, 297	75, 125	60, 328	26, 586		651, 577	
November.....	216, 922	19, 478	113, 242	98, 070	34, 651	3, 505	4, 000	23, 640	28, 060	34, 236	2, 591	53, 497	46, 645	24, 672		808, 720	
December.....	433, 200	80, 716	126, 628	179, 969	27, 375	21, 872	8, 000	16, 695	2, 430	22, 106	989	93, 600	35, 153	21, 401		813, 901	
1923																	
January.....	632, 784	135, 534	487, 515	444, 123	177, 926	50, 802	4, 000	66, 940	44, 833	167, 149	49, 601	98, 816	48, 665	20, 832		909, 694	
February.....	237, 609	78, 715	177, 889	230, 095	26, 510	32, 555	9, 903	69, 082	9, 625	59, 684	6, 920	78, 429	35, 464	20, 202		700, 708	
March.....	313, 928	64, 536	228, 760	242, 938	50, 358	56, 300	10, 000	64, 765	13, 275	43, 890	250	76, 391	35, 552	17, 848		500, 819	
April.....	274, 425	113, 602	168, 817	241, 662	40, 757	37, 061	None	30, 860	31, 800	28, 573	4, 112	89, 031	60, 073	25, 400		1, 006, 258	
May.....	348, 220	30, 582	171, 126	166, 580	35, 128	44, 757	2, 170	61, 112	17, 273	32, 982	12, 485	102, 351	25, 595	23, 865		817, 230	
June.....	326, 711	25, 427	262, 928	214, 601	73, 754	14, 045	None	44, 935	42, 422	27, 765	4, 600	171, 082	40, 765	34, 961		1, 403, 336	
July.....	237, 258	21, 715	110, 415	130, 530	1, 600	16, 780	None	24, 780	300	60, 585	800	67, 548	62, 203	14, 840		721, 920	
August.....	137, 423	14, 557	118, 488	111, 657	21, 388	25, 895	None	22, 479	12, 304	2, 485	None	62, 328	41, 003	14, 264		335, 462	
September.....	205, 516	29, 870	111, 410	137, 098	4, 182	23, 810	1, 000	31, 135	1, 150	20, 843	382	57, 506	39, 453	17, 938		500, 830	
October.....	246, 446	33, 101	197, 325	211, 685	18, 741	66, 065	12, 720	66, 135	4, 500	37, 962	1, 368	101, 198	65, 811			704, 000	
November.....	374, 866	95, 402	291, 638	321, 915	65, 126	83, 652	4, 440	135, 199	56, 572	37, 045	3, 714	94, 619	28, 659			811, 819	
December.....	266, 274	104, 403	182, 571	272, 103	14, 875	12, 007	9, 500	76, 166	1, 175	28, 025	2, 750	111, 861	13, 964			955, 632	
1924																	
January.....	220, 883	65, 937	238, 762	276, 966	27, 792	45, 608	None	104, 803	20, 375	14, 760	5, 568	83, 987	50, 377	34, 039		878, 705	
February.....	254, 913	58, 876	196, 712	223, 303	37, 285	50, 611	6, 500	91, 948	14, 030	37, 753	16, 735	103, 040	60, 791	16, 760		661, 049	
March.....	287, 327	57, 030	209, 033	254, 584	11, 529	35, 378	None	70, 055	3, 200	64, 355	4, 473	102, 776	82, 337	27, 284		898, 924	
April.....	265, 954	52, 705	223, 001	249, 902	25, 804	52, 803	1, 937	85, 954	12, 930	20, 827	2, 500	131, 436	78, 733	26, 324		528, 857	
May.....	181, 185	248, 609	247, 344	447, 233	48, 701	70, 789	42, 602	277, 039	1, 550	51, 064	4, 299	119, 590	80, 778			519, 897	
June.....	287, 553											265, 440	28, 741			455, 022	
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

See footnotes on opposite page also.

¹ Sales of securities by States and municipalities, compiled by *The Bond Buyer*.

² New bond issues by the following States and the municipalities located therein, as compiled by the *Manufacturers' Record*: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

³ New corporations data represent the value of the authorized capital of new enterprises, exclusive of those under \$100,000, incorporated in the principal eastern States compiled by the *New York Journal of Commerce*.

Table 153.—AGRICULTURAL FINANCING

[Relative numbers for base year in bold-faced type; numerical data on opposite page.]

YEAR AND MONTH	LAND BANKS ¹			WAR FINANCE CORPORATION ¹					
	Total	Federal farm-loan banks	Joint-stock land banks	With banks and livestock loan companies ²			With cooperative marketing associations		
				Ad- vance- ments	Re- pay- ments	Bal- ance	Ad- vance- ments	Re- pay- ments	Bal- ance
	Loans closed			Relative to 1922					
Relative to 1919			Relative to 1922						
1917 monthly average.....	20	28							
1918 monthly average.....	66	85	10						
1919 monthly average.....	100	100	100						
1920 monthly average.....	49	52	40						
1921 monthly average.....	52	65	18						
1922 monthly average.....	200	161	304	100	100	100	100	100	100
1923 monthly average.....	203	138	379	8	77	58	47	116	104
1921									
September.....	74	98	10						
October.....	88	115	17	12		1	34		9
November.....	108	130	51	200	1	18	160	(?)	51
December.....	206	253	84	320	4	45	243	12	113
1922									
January.....	146	157	116	315	18	70	94	14	135
February.....	170	160	198	244	31	89	52	36	142
March.....	195	192	203	264	75	107	26	246	100
April.....	207	157	341	128	83	114	15	185	68
May.....	205	168	304	108	120	116	226	150	98
June.....	174	156	224	48	93	115	1	77	83
July.....	165	142	225	30	92	113	(?)	70	69
August.....	183	152	269	23	135	108	38	45	70
September.....	205	155	340	8	102	103	6	23	67
October.....	260	168	506	6	173	94	47	32	73
November.....	235	158	440	13	150	88	340	156	132
December.....	254	169	483	13	129	82	255	166	166
1923									
January.....	291	185	577	24	147	76	86	67	172
February.....	296	151	636	14	105	72	16	134	150
March.....	289	163	629	14	107	67	18	146	126
April.....	259	137	537	9	81	64	273	106	177
May.....	215	137	425	7	72	61	None	113	155
June.....	198	135	368	7	55	53	None	159	124
July.....	163	126	262	3	39	56	None	101	104
August.....	147	123	212	2	47	54	None	197	65
September.....	124	112	157	2	49	52	None	96	46
October.....	186	124	352	4	84	48	95	60	57
November.....	125	121	136	2	74	44	20	86	45
December.....	145	142	154	7	71	41	26	100	32
1924									
January.....	149	142	169	4	26	40	8	17	30
February.....	145	163	99	10	29	39	1	13	28
March.....	172	164	192	17	23	39	None	13	25
April.....	146	144	152	10	20	39	None	20	22
May.....	120	116	133	6	25	33	None	16	18
June.....	114	111	123	3	18	37	None	(?)	18
July.....									
August.....									
September.....									
October.....									
November.....									
December.....									

See footnotes on opposite page also.

These data, from the *Federal Farm Loan Board*, represent loans made for agricultural development secured by mortgages on land and buildings. For detailed information as to organization and operations of the Federal Farm Loan Board see the first annual report of the board, Document No. 714, and subsequent annual reports of the board. The banks were closed during the greater part of 1920, pending litigation in the Supreme Court involving the constitutionality of the Federal farm loan act. When operations were resumed the banks were flooded with loan requests, many of which could not be granted because the cessation of bond selling had depleted the resources. These facts will account for the diminished figures of 1920 and 1921.

Table 154.—AGRICULTURAL FINANCING

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	LAND BANKS ¹			WAR FINANCE CORPORATION ²						FEDERAL INTERMEDIATE CREDIT BANKS ³			
	Total	Federal farm-loan banks	Joint-stock land banks	With banks and livestock loan companies			With cooperative marketing associations			Direct loans		Rediscounts	
				Ad- vance- ments	Re- pay- ments	Balance	Ad- vance- ments	Re- pay- ments	Balance	Closed	Balance end of month	Closed	Balance end of month
	Loans closed												
Thousands of dollars													
1917 monthly average.....	\$3,259	\$3,259											
1918 monthly average.....	10,526	9,826	\$701										
1919 monthly average.....	15,937	11,614	4,323										
1920 monthly average.....	7,893	6,071	1,812										
1921 monthly average.....	8,364	7,586	778										
1922 monthly average.....	31,839	18,692	13,148	\$14,060	\$8,862	\$166,969	\$1,708	\$1,391	\$7,082				
1923 monthly average.....	32,393	16,377	16,377	1,100	6,836	96,259	811	1,605	7,388				
1921													
September.....	11,840	11,407	433										
October.....	14,050	13,300	750	1,716		1,716	640		641				
November.....	17,263	15,054	2,209	23,108	103	29,720	2,987	2	3,625				
December.....	32,877	29,238	3,639	44,988	343	74,365	4,521	172	7,975				
1922													
January.....	23,215	18,192	5,023	44,324	1,596	117,093	1,759	189	9,545				
February.....	27,100	18,527	8,573	34,357	2,730	148,720	975	497	10,023				
March.....	31,036	22,249	8,787	37,107	6,648	179,179	477	3,424	7,076				
April.....	32,953	18,208	14,745	17,967	7,372	189,775	278	2,573	4,782				
May.....	32,597	19,464	13,133	15,129	10,625	194,279	4,209	2,084	6,906				
June.....	27,747	18,077	9,670	6,714	8,231	192,762	13	1,066	5,852				
July.....	26,260	16,549	9,711	4,232	8,181	188,813	None	980	4,872				
August.....	29,239	17,605	11,634	3,166	11,926	180,053	700	630	4,942				
September.....	32,670	17,967	14,703	1,139	9,048	172,143	112	326	4,723				
October.....	41,358	19,478	21,880	897	15,307	157,733	880	450	5,158				
November.....	37,410	18,399	19,011	1,867	13,261	146,339	6,336	2,173	9,321				
December.....	40,486	19,585	20,901	1,815	11,416	136,737	4,759	2,303	11,777				
1923													
January.....	46,445	21,501	24,944	3,346	13,011	127,072	1,607	1,212	12,172				
February.....	47,153	17,486	29,667	2,026	9,268	119,830	300	1,865	10,609				
March.....	46,124	18,916	27,208	1,996	9,480	112,346	329	2,029	8,907				
April.....	41,323	15,942	25,381	1,213	7,153	106,406	5,089	1,469	12,528				
May.....	34,268	15,910	18,358	971	6,340	101,037	None	1,566	10,061				
June.....	31,558	15,640	15,918	934	4,892	97,078	None	2,206	8,755				
July.....	25,930	14,586	11,344	362	3,478	93,063	None	1,409	7,347				
August.....	23,424	14,273	9,151	316	3,864	90,415	None	2,744	4,603				
September.....	19,812	13,033	6,779	226	4,313	86,328	None	1,335	3,268				
October.....	29,650	14,436	15,223	617	7,417	79,528	1,618	831	4,055	\$21,257		\$6,786	
November.....	19,894	13,998	5,896	217	6,548	73,197	345	1,202	3,193	\$7,557	\$2,863	\$2,318	8,688
December.....	23,121	16,462	6,659	974	6,268	67,903	440	1,390	2,249	6,043	30,577	2,346	9,105
1924													
January.....	23,747	16,454	7,293	498	2,325	66,075	134	239	2,143	1,146	32,295	1,753	11,139
February.....	23,187	18,924	4,263	1,420	2,548	64,946	15	180	1,978	1,972	28,849	2,127	12,560
March.....	27,402	19,098	8,304	2,354	2,000	65,300	None	179	1,799	1,035	28,313	2,480	14,582
April.....	23,294	16,740	6,554	1,371	1,741	64,930	None	276	1,523	8,907	29,654	4,196	18,211
May.....	19,182	13,424	5,758	900	2,214	63,615	None	221	1,299	5,787	30,394	3,068	18,549
June.....	18,203	12,891	5,312	448	1,576	62,488	None	6	1,293	2,919	27,286	3,713	20,712
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

See footnote on opposite page also.

¹ Data from the War Finance Corporation comprise advances for "agricultural and livestock purposes" under the agricultural credits acts of August 24, 1921. Loans to banks and livestock associations were combined because of their parallel trend.² The intermediate credit banks under the supervision of the Federal Farm Loan Board, are located in the same cities as the 12 Federal land banks, as follows: Springfield, Mass.; Baltimore, Md.; Columbia, S. C.; Louisville, Ky.; New Orleans, La.; St. Louis, Mo.; St. Paul, Minn.; Omaha, Nebr.; Wichita, Kans.; Houston, Tex.; Berkeley, Calif.; and Spokane, Wash. These banks lend money on staple agricultural products and make rediscounts for agricultural credit corporations, livestock loan companies, cooperative associations, and banks.

Table 155.—CORPORATION STOCKHOLDERS ¹

[Base year in bold-faced type]

YEAR AND MONTH	PENNSYLVANIA RAILROAD CO.		U. S. STEEL CORP. (COMMON STOCK)			AMERICAN TELEPHONE AND TELEGRAPH CO.		PENNSYLVANIA RAILROAD CO.		U. S. STEEL CORP. (COMMON STOCK)			AMERICAN TELEPHONE AND TELEGRAPH CO.	
	Stockholders		Stockholders		Per-centage of shares held by brokers	Stockholders		Stockholders		Per-centage of shares held by brokers	Stockholders			
	Do-mestic	For-ign	Do-mestic	For-ign		Do-mestic	For-ign	Do-mestic	For-ign		Do-mestic	For-ign		
	Relative to 1913							Number					Number	
	RELATIVE NUMBERS							NUMERICAL DATA						
1913 quarterly average.....	100	100	100	100	100	100	100	72,714	11,258	41,436	1,529	51.48	53,263	1,041
1914 quarterly average.....	108	105	115	111	91	107	113	78,082	11,839	47,777	1,637	46.73	56,932	1,175
1915 quarterly average.....	112	105	¹ 101	¹ 123	89	117	122	81,603	11,816	² 42,020	¹ 1,930	45.87	62,279	1,270
1916 quarterly average.....	117	61	95	61	107	127	114	85,343	6,684	30,365	939	55.08	67,504	1,187
1917 quarterly average.....	128	20	107	78	101	148	96	93,331	2,235	44,531	1,191	51.88	78,597	999
1918 quarterly average.....	141	16	155	97	84	160	110	102,798	1,773	64,314	1,484	43.22	96,035	1,143
1919 quarterly average.....	153	15	177	96	79	217	119	111,316	1,727	73,510	1,475	40.65	115,482	1,239
1920 quarterly average.....	174	13	213	85	59	217	122	126,424	1,500	88,085	1,300	30.35	131,043	1,287
1921 quarterly average.....	190	15	252	88	44	308	193	138,450	1,743	104,621	1,341	22.45	163,703	2,013
1922 quarterly average.....	187	26	235	90	47	409	221	136,181	2,869	97,530	1,380	24.26	217,599	2,297
1923 quarterly average.....	191	25	228	94	44	499	254	138,846	2,847	94,489	1,431	22.76	265,638	2,644
1920														
March.....	167	14	198	87	65	231	113	121,326	1,595	82,246	1,337	33.46	122,999	1,173
June.....	172	14	207	86	62	247	113	124,943	1,525	85,909	1,320	32.69	131,538	1,173
September.....	176	13	216	84	60	252	113	127,768	1,472	89,065	1,287	30.69	134,112	1,174
December.....	181	13	228	82	49	259	149	131,659	1,409	94,520	1,256	25.17	137,901	1,547
1921														
March.....	188	13	249	84	47	272	170	137,007	1,386	103,093	1,283	24.27	144,716	1,774
June.....	193	12	251	87	44	239	188	139,702	1,373	103,076	1,334	22.61	153,649	1,933
September.....	190	12	254	89	42	325	206	138,243	1,362	105,355	1,368	21.49	172,770	2,146
December.....	191	26	256	90	42	345	209	138,847	2,852	106,061	1,379	21.44	183,676	2,150
1922														
March.....	191	26	254	91	43	368	213	138,895	2,915	105,261	1,399	22.02	195,608	2,217
June.....	188	26	236	90	47	378	215	136,940	2,588	97,989	1,370	24.09	201,303	2,233
September.....	185	25	229	91	49	430	222	134,279	2,851	94,789	1,384	25.05	228,592	2,309
December.....	185	25	223	89	51	463	234	134,609	2,820	92,281	1,366	26.28	246,494	2,431
1923														
March.....	187	25	224	89	51	480	242	136,247	2,814	92,711	1,355	26.24	255,421	2,534
June.....	188	25	221	88	45	490	250	136,356	2,843	91,593	1,351	23.34	260,446	2,603
September.....	195	25	230	97	40	507	261	141,433	2,852	95,462	1,461	20.63	269,762	2,719
December.....	194	26	237	100	40	520	262	141,348	2,880	98,189	1,536	20.62	269,923	2,729
1924														
March.....	200	27	234	101	43	558	265	145,325	2,986	97,135	1,542	22.39	296,738	2,760
June.....	201	28	235	101	40	591	276	145,866	2,901	97,577	1,549	20.45	314,227	2,875
September.....														
December.....														

¹ These data showing the growth of stockholders in three prominent companies—a railroad, a public utility, and an industrial—have been furnished direct by the respective companies and represent the number of holders of common stock on their books at the end of each quarter, i. e., December figures are for December 31 or January 1.

² December 31 figures; other quarters of 1915 not available.

Table 156.—CREDIT CONDITIONS¹

[Base year in bold-faced type]

YEAR AND MONTH	TEXTILE TRADE ¹			DELINQUENT ACCOUNTS, ELECTRICAL TRADE ²		TEXTILE TRADE ¹			DELINQUENT ACCOUNTS, ELECTRICAL TRADE ²	
	Orders	Indebtedness	Prompt payments	Value	Number of firms	Orders	Indebtedness	Prompt payments	Dollars	Number of firms
	Relative to 1916			Relative to 1921		Percentage of total recorded transactions			Dollars	Number of firms
	RELATIVE NUMBERS					NUMERICAL DATA				
1916 monthly average.....	100	100	100			27.6	38.8	55.0		
1917 monthly average.....	101	93	105			28.0	36.2	57.5		
1918 monthly average.....	102	91	106			28.2	35.2	58.4		
1919 monthly average.....	103	88	110			28.3	34.1	60.7		
1920 monthly average.....	101	93	108			28.0	36.2	59.4		
1921 monthly average.....	89	94	97	100	100	24.6	36.6	53.4	\$225,106	1,519
1922 monthly average.....	97	112	87	90	107	26.9	43.3	47.6	202,557	1,625
1923 monthly average.....	104	110	101	89	99	28.8	42.6	55.3	201,460	1,497
1921										
September.....	98	94	94	90	97	27.0	36.3	51.8	202,387	1,466
October.....	98	101	89	101	103	27.1	39.2	49.2	228,140	1,566
November.....	89	105	90	105	114	24.6	40.9	49.3	235,267	1,725
December.....	93	109	91	99	121	25.5	42.2	60.3	223,372	1,844
1922										
January.....	92	109	91	79	91	25.4	42.3	50.1	177,291	1,390
February.....	93	102	87	81	94	25.6	39.7	48.1	183,292	1,430
March.....	97	98	90	77	135	26.9	38.1	49.7	173,301	2,045
April.....	90	108	84	84	104	24.8	41.9	46.4	183,320	1,583
May.....	87	115	90	78	102	24.1	44.8	49.6	176,130	1,555
June.....	96	111	88	82	98	26.4	43.1	48.5	183,814	1,486
July.....	101	110	84	77	96	27.9	42.7	46.0	173,492	1,451
August.....	109	110	82	104	112	30.0	42.8	45.2	234,152	1,694
September.....	107	112	83	103	120	29.5	43.6	45.8	232,656	1,819
October.....	96	117	82	90	115	26.4	45.4	45.2	201,681	1,753
November.....	101	117	85	118	98	27.9	45.5	46.7	261,176	1,488
December.....	100	127	98	109	120	27.7	49.3	49.5	215,114	1,820
1923										
January.....	107	107	96	81	98	29.5	41.4	52.7	184,696	1,495
February.....	113	103	95	62	76	31.1	40.0	52.2	139,664	1,167
March.....	117	103	96	109	124	32.2	40.1	52.6	212,918	1,859
April.....	117	103	98	101	101	32.3	39.8	54.0	226,424	1,540
May.....	116	107	102	88	96	32.1	41.5	56.0	196,956	1,460
June.....	99	114	103	83	96	27.8	44.2	56.4	186,671	1,457
July.....	83	117	101	82	94	22.9	45.3	55.4	184,535	1,428
August.....	113	113	100	95	90	31.1	43.9	55.1	213,333	1,369
September.....	111	118	100	89	96	30.5	45.8	54.8	260,093	1,453
October.....	109	111	106	103	120	30.0	43.2	58.1	237,284	1,823
November.....	101	111	108	105	102	28.0	43.1	59.5	237,013	1,517
December.....	67	111	104	75	89	18.5	43.0	57.0	169,668	1,351
1924										
January.....	93	100	99	77	75	25.8	38.0	51.7	174,662	1,135
February.....	114	99	98	81	98	31.5	38.5	54.0	181,994	1,488
March.....	114	105	109	89	110	31.5	40.8	60.0	200,059	1,677
April.....	111	118	107	93	107	30.5	45.6	58.7	268,601	1,629
May.....				91	115				204,935	1,749
June.....				83	104				197,118	1,583
July.....										
August.....										
September.....										
October.....										
November.....										
December.....										

¹ Orders, indebtedness, and prompt payments compiled by the *Credit Clearing House* from reports to it by manufacturers and wholesalers on items of credit from their ledgers concerning merchants or jobbers to whom they sell. The commodities covered are largely textiles, and the individual orders are stated to average from \$250 to \$500, depending on trade conditions. As one transaction may cover both an order and an indebtedness or payment, the sum of the percentages of orders, indebtedness, and payments will usually exceed 100 per cent. The year 1916 is taken as a base, as it is believed to be more nearly normal than 1919, in which orders and payments were unusually large and indebtedness unusually small.

² Delinquent accounts, electrical trade, are compiled by the *National Electrical Credit Association*, from reports to its constituent regional associations by electrical manufacturers and jobbers.

³ Eleven months' average, February to December, inclusive.

Table 157.—GOLD AND SILVER¹

[Base year in bold-faced type]

YEAR AND MONTH	GOLD				SILVER					GOLD				SILVER					
	Im-ports	Ex-ports	Do-mestic receipts at mint	Rand out-put	Im-ports	Ex-ports	Pro-duction	Price in New York	Price in Lon-don	Im-ports	Ex-ports	Do-mestic receipts at mint	Rand output	Im-ports	Ex-ports	Pro-duction	Price in New York	Price in Lon-don	
	Relative to 1913										Thousands of dollars		Fine ounces		Thousands of dollars		Thou-sands of fine ounces	Dollars per fine ounce	Pence per standard ounce, 0.925 fine
	RELATIVE NUMBERS										NUMERICAL DATA								
1913 mo.av.	100	100	100	100	100	100	100	100	100	100	\$5,399	\$7,650	148,050	732,779	\$2,939	\$5,231	5,567	\$0.593	27.573
1914 mo.av.	90	243	105	95	72	82	108	92	92	86	4,752	18,551	155,083	698,275	2,163	4,300	6,038	.548	25.313
1915 mo.av.	709	34	107	103	96	85	112	83	86	87,663	2,619	157,830	757,823	2,874	4,467	6,247	.497	23.675	
1916 mo.av.	1,077	170	90	105	90	112	111	110	114	57,166	12,999	133,597	772,128	2,689	5,833	6,201	.657	31.315	
1917 mo.av.	867	405	76	103	149	134	107	136	148	46,038	30,990	112,495	751,855	4,445	7,011	5,978	.814	40.851	
1918 mo.av.	97	45	58	96	199	403	102	162	172	5,170	3,422	86,472	701,722	5,948	21,071	5,651	.968	47.516	
1919 mo.av.	120	401	48	95	249	381	85	186	207	6,378	30,682	71,093	694,174	7,451	19,918	4,723	1.111	57.059	
1920 mo.av.	673	351	42	93	246	181	85	169	223	35,729	26,841	62,377	679,801	7,338	9,468	4,714	1.009	61.590	
1921 mo.av.	1,085	26	54	92	178	82	80	105	134	57,604	1,991	80,183	676,216	5,270	4,298	4,477	.627	36.941	
1922 mo.av.	432	40	58	80	197	100	83	113	125	22,931	3,073	86,314	585,009	5,901	5,234	4,623	.675	34.338	
1923 mo.av.	807	31	57	104	208	115	98	109	116	26,893	2,387	84,044	761,088	6,204	6,039	5,445	.649	31.927	
1922																			
January...	500	11	51	46	217	76	71	110	127	26,571	863	75,919	335,000	6,496	3,977	3,938	.655	35.035	
February...	541	23	45	11	160	136	70	109	123	23,739	1,732	66,608	77,000	4,786	7,092	3,878	.653	33.591	
March.....	631	13	48	31	233	82	75	108	121	33,488	963	70,629	227,728	6,953	4,302	4,186	.644	33.269	
April.....	231	21	48	70	161	98	74	111	124	12,244	1,579	71,768	511,338	4,800	5,109	4,139	.666	34.080	
May.....	169	44	55	86	184	109	76	119	131	8,994	3,407	81,839	629,786	5,512	5,677	4,258	.712	36.023	
June.....	214	21	52	92	212	115	86	119	130	12,977	1,601	76,880	675,697	6,346	6,004	4,760	.711	35.900	
July.....	510	8	62	101	233	120	78	117	129	42,987	644	92,399	730,635	6,957	6,069	4,341	.702	35.644	
August....	360	12	70	103	165	74	100	116	127	19,092	956	103,262	752,490	4,944	3,861	5,562	.694	34.957	
September.	461	18	60	102	213	71	96	116	128	24,464	1,399	89,561	747,089	6,370	3,735	5,325	.695	35.305	
October....	393	230	81	106	132	62	93	114	125	20,866	17,592	119,294	778,159	3,940	3,269	5,161	.680	34.498	
November..	345	45	71	104	106	126	87	109	116	18,303	3,431	104,708	764,476	5,855	6,509	4,870	.652	32.066	
December..	498	35	56	108	263	132	91	107	114	26,440	2,710	82,901	790,712	7,848	6,913	5,052	.638	31.383	
1923																			
January...	618	111	47	104	195	132	93	110	116	32,820	8,472	69,425	764,469	5,825	6,921	5,100	.657	31.028	
February...	158	18	49	96	127	42	85	108	112	8,383	1,399	72,284	704,970	3,792	2,191	4,729	.643	30.875	
March.....	300	136	44	104	155	90	110	113	117	15,951	10,392	64,494	761,586	4,626	4,732	6,110	.676	32.310	
April.....	173	9	44	101	143	83	119	112	117	9,188	655	65,043	743,651	4,262	4,336	6,616	.669	32.346	
May.....	869	11	54	107	149	67	123	112	118	46,156	824	79,866	786,564	4,461	3,499	6,835	.670	32.611	
June.....	366	7	47	103	203	68	92	109	115	19,434	548	69,422	755,309	6,066	3,581	5,101	.649	31.611	
July.....	526	7	63	103	337	119	97	105	112	27,929	523	92,535	754,306	10,066	6,233	5,406	.630	30.923	
August....	610	29	67	105	216	134	95	105	112	32,856	2,201	99,880	769,371	6,466	7,032	5,293	.628	30.952	
September.	524	11	72	101	285	155	90	107	115	27,804	863	106,819	739,504	8,518	8,123	4,988	.642	31.698	
October...	561	17	60	108	232	144	98	106	115	29,795	1,307	89,549	793,842	6,929	7,523	5,428	.636	31.718	
November..	749	10	73	107	176	168	88	107	119	39,757	747	108,432	780,639	5,269	8,775	4,894	.638	32.774	
December..	615	9	61	106	273	182	85	108	121	32,641	712	90,776	778,849	8,172	9,521	4,748	.647	33.375	
1924																			
January...	850	4	50	109	200	157	94	106	122	45,136	281	74,392	796,768	5,980	8,209	5,221	.634	33.549	
February...	661	7	61	104	264	170	97	108	122	35,111	505	89,636	760,617	7,900	8,877	5,427	.644	33.565	
March.....	646	11	56	109	208	160	104	107	121	34,322	817	82,334	795,671	6,221	8,355	5,763	.640	33.483	
April.....	855	18	53	105	131	149	82	107	120	45,418	1,391	78,870	768,000	3,908	7,802	4,583	.641	33.065	
May.....	774	8	53	110	189	185	105	110	123	41,074	593	78,501	809,003	5,640	9,687	5,833	.655	33.870	
June.....	474	4	44	100	163	165	94	112	126	25,181	268	65,443	733,000	4,870	8,648	5,228	.667	34.758	
July.....																			
August....																			
September.																			
October...																			
November..																			
December..																			

¹ Imports and exports of gold and silver are from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; Domestic receipts of unrefined gold at U. S. mints from U. S. Treasury Department, Bureau of the Mint; Silver prices, average for the month, and Rand gold output from the Engineering and Mining Journal; Production of silver by mines of United States from American Bureau of Metal Statistics, except annual figures previous to 1921, which are from U. S. Department of Interior, Geological Survey.

² Includes only first 21 days of September during which period the old tariff law was in effect; remaining 9 days included with October.

Table 158.—FOREIGN PRICE COMPARISONS

[Index numbers for base year in bold-faced type]

YEAR AND MONTH	UNITED STATES ¹			CANADA		UNITED KINGDOM			FRANCE		ITALY (⁷)	SWE- DEN (⁸)	JAPAN		SWIT- ZER- LAND (¹⁰)	AUS- TRA- LIA (¹¹)	INDIA (Cal- cutta) (¹²)
	Goods im- ported	Goods ex- ported	All com- modities	Can. Dept. of Labor (³)	U. S. Fed. Res. Board (⁴)	Lon- don Econ- omist (⁵)	British Board of Trade (⁶)	U. S. Fed. Res. Board (⁴)	Gen. Stat. Bu- reau (⁹)	U. S. Fed. Res. Board (⁴)			Bank of Japan (¹³)	U. S. Fed. Res. Board (⁴)			
	Relative to 1913																	Relative to July, 1914
1913 monthly av.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
1914 monthly av.....				101		99			101		95		96	100	100	100	
1915 monthly av.....				110		123			137		133		97		141		
1916 monthly av.....				135		160			187		202		117		132		
1917 monthly av.....				177		204			262		299		149		155		
1918 monthly av.....				206		225			339		409		193		170		
1919 monthly av.....	174	222	211	217	207	235		241	337		364		235		180		
1920 monthly av.....	191	235	239	246	250	233	314	310	510	512	624	347	250	320	216	204	
1921 monthly av.....	108	136	148	182	167	181	202	198	345	344	578	211	200	181	167	181	
1922 monthly av.....	123	167	158	165	149	159	159	165	327	319	662	162	196	168	154	180	
1923 monthly av.....	147	183	164	166	150	162	159	170	419	395	574	157	¹⁴ 192	183	171	176	
1922																	
May.....	119	155	158	167	154	162	160	169	317	324	524	164	104	183	161	155	187
June.....	124	163	161	165	153	163	160	167	325	325	537	164	197	187	160	156	183
July.....	128	165	165	166	164	163	160	169	325	328	558	165	201	195	161	157	181
August.....	127	162	166	164	149	158	156	166	331	320	571	163	195	187	163	155	178
September.....	127	157	164	163	144	156	154	163	329	315	582	158	193	179	163	158	176
October.....	134	163	165	162	145	158	155	160	337	315	601	155	199	174	163	159	177
November.....	136	173	164	164	147	159	157	162	352	329	596	154	183	172	169	162	178
December.....	137	174	165	165	147	158	156	164	362	337	580	155	183	173	170	161	176
1923																	
January.....	139	180	166	165	148	161	157	165	387	346	575	156	184	176	175	163	179
February.....	145	187	166	166	152	164	158	168	422	380	582	158	192	183	181	161	180
March.....	153	193	169	167	155	163	160	173	424	398	587	162	196	185	186	163	181
April.....	155	186	170	168	156	165	162	175	415	390	588	159	196	185	187	166	178
May.....	155	179	167	169	155	164	160	173	407	386	580	158	199	187	181	170	177
June.....	148	182	164	167	153	160	159	171	409	394	568	160	198	186	180	178	175
July.....	141	170	159	166	151	155	157	168	407	396	566	157	192	183	175	160	170
August.....	136	166	159	164	149	155	155	164	413	396	567	163	(¹⁴) 179	173	175	171	
September.....	144	176	163	163	148	158	158	165	424	404	569	155	210	190	181	172	174
October.....	150	182	163	163	147	160	158	166	421	404	563	153	212	196	182	171	174
November.....	147	196	163	164	145	169	161	171	443	416	571	151	209	199	183	173	177
December.....	148	199	163	164	144	170	163	177	459	427	577	150	210	205	183	174	179
1924																	
January.....	143	196	163	164	146	173	165	178	494	445	571	152	211	205	183	174	172
February.....	148	193	163	166	148	173	167	180	544	469	573	153	208	200	180	170	178
March.....	145	179	160	166	147	172	165	180	499	483	579	154	206	200	182	167	179
April.....	140	182	158	164	143	172	165	181	450	428	579	156	207	201	181	166	174
May.....	133	183	156	163	143	168	164	177	459	428	571	151	205		178		176
June.....	129	179	154		145			174	465	442							
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

¹ Data in the first three columns are original compilations of the Federal Reserve Board constructed for the purpose of international price comparisons; basic prices are obtained from trade journals and private firms and weighted according to the 1913 volume imported and exported, respectively, for "imported goods" (19 commodities) and "exported goods" (39 commodities). The Total index number (101 commodities) includes also goods produced, weighted by production in 1913, and goods consumed, weighted by consumption in 1913.

² Compiled by the Canadian Department of Labor; quotations on 272 commodities, unweighted.
³ Compiled by the Federal Reserve Board on the same basis as their United States index for international price comparison. Detailed descriptions of these index numbers may be found in the following numbers of the Federal Reserve Bulletin: United Kingdom, February, 1922, pp. 147-153; Canada, July, 1922, pp. 801-806; France, August, 1922, pp. 922-929; Japan, September, 1922, pp. 1052-1059.

⁴ Compiled by the London Economist; quotations on 44 commodities; mostly raw materials, unweighted.
⁵ Compiled by British Government Board of Trade; quotations on 150 commodities.
⁶ Compiled by Bulletin de la Statistique Générale of the French Ministry of Labor and Social Welfare; quotations on 45 commodities, mostly raw materials, unweighted.
⁷ Compiled by Prof. Baché; quotations on 33 commodities until 1920, thereafter 76 commodities.
⁸ Compiled by Svensk Handelsidning as of the middle of each month; 47 quotations.
⁹ Compiled by the Bank of Japan; quotations in Tokyo on 56 commodities, unweighted.
¹⁰ Compiled by Neue Zürcher Zeitung as of the first of each month; quotations on 71 commodities.
¹¹ Compiled by the Australian Commonwealth's Bureau of Census and Statistics; quotations on 92 commodities, weighted by consumption.
¹² Compiled by the Indian Department of Statistics; quotations on 75 commodities.
¹³ August, 1923, average not compiled because of earthquake; 1923 yearly average is based on 11 months.

Table 159.—FOREIGN EXCHANGE ¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	EUROPE							ASIA		THE AMERICAS				INDEX NUMBER
	Eng-land	France	Italy	Bel-gium	Nether-lands	Swed-en	Switz-erland	Japan	India ²	Can-ada	Argen-tina	Brazil	Chile	
	Relative to par													
Par value.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1914 average.....	106	103	101				101	98						
1915 average.....	98	94	87				97	90			98	72		
1916 average.....	98	88	80				99	102			100	73		
1917 average.....	98	90	71				109	103			103	77		
1918 average.....	98	92	60				119	107			104	78		
1919 average.....	91	71	59	66	97	95	98	103	83	96	103	82	115	88
1920 average.....	75	36	26	38	86	76	88	101	80	89	94	69	95	65
1921 average.....	79	39	22	38	84	84	90	97	54	90	76	40	62	62
1922 average.....	91	42	25	40	96	98	99	96	59	99	85	40	63	69
1923 average.....	94	32	24	27	97	99	94	97	64	98	81	31	63	64
1921														
September.....	77	38	22	37	70	81	89	97	54	90	72	38	55	60
October.....	79	38	21	37	83	85	94	96	56	91	76	39	60	61
November.....	82	37	21	36	87	87	97	96	55	92	76	39	56	61
December.....	86	40	23	39	91	91	101	96	56	93	78	39	55	64
1922														
January.....	87	42	23	40	91	93	101	95	57	95	80	39	52	65
February.....	90	45	25	43	94	97	101	95	58	96	86	41	53	69
March.....	90	47	26	44	94	98	101	95	57	97	86	42	58	70
April.....	91	48	28	44	94	97	101	95	57	98	84	42	58	72
May.....	91	47	27	44	96	96	100	95	59	99	85	42	61	72
June.....	91	40	26	42	96	96	98	96	59	99	85	42	65	71
July.....	91	43	24	40	96	97	99	96	59	99	85	42	66	70
August.....	92	41	23	39	97	98	99	96	60	100	85	41	70	69
September.....	91	40	22	37	97	99	97	96	59	100	84	39	70	68
October.....	91	38	22	36	97	99	95	96	59	100	84	35	70	67
November.....	92	36	23	33	98	100	96	97	61	100	85	37	63	67
December.....	95	38	26	34	99	101	98	98	63	100	80	37	64	70
1923														
January.....	96	35	25	31	98	100	97	98	65	99	88	35	66	68
February.....	96	32	25	28	98	99	97	97	65	99	87	35	61	67
March.....	97	33	25	28	98	99	96	97	65	98	87	34	65	67
April.....	96	35	26	30	98	99	95	98	64	98	86	33	63	67
May.....	95	34	25	30	97	99	93	99	64	98	85	32	66	66
June.....	95	33	24	28	98	99	93	98	64	98	83	32	69	66
July.....	94	31	22	25	98	99	91	98	63	97	81	32	65	63
August.....	94	30	22	24	98	99	94	98	63	98	77	30	63	62
September.....	93	30	23	25	98	99	93	98	63	98	78	30	63	63
October.....	93	31	23	26	97	99	93	98	64	99	76	29	60	63
November.....	90	29	23	25	95	98	91	97	63	98	74	27	57	61
December.....	90	27	23	24	95	98	90	94	64	98	75	29	55	60
1924														
January.....	88	24	23	22	93	98	90	90	63	97	76	34	53	59
February.....	89	23	23	20	93	98	90	91	62	97	79	37	52	58
March.....	88	24	22	20	92	98	90	86	61	97	79	35	50	58
April.....	89	32	23	27	93	98	91	82	63	98	78	35	54	63
May.....	90	30	23	25	93	99	92	81	63	98	77	34	56	62
June.....	89	27	23	24	93	99	92	82	63	98	77	33	54	60
July.....														
August.....														
September.....														
October.....														
November.....														
December.....														

See footnotes on opposite page also.

¹ Daily averages of noon rates for cable transfers reported to the Treasury daily by the *New York Federal Reserve Bank*. Average figures for the years 1914 to 1918, inclusive, where given, are weekly averages of commercial quotations from the *Annalist*. For figures on Germany, which have now been discontinued owing to almost complete collapse of the mark, see August, 1923, issue (No. 24), page 183.

² Parity established October, 1920. Prior to that, par value of the rupee was 32.44 cents.

Table 160.—FOREIGN EXCHANGE

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	EUROPE							ASIA		THE AMERICAS			
	Eng-land	France	Italy	Bel-gium	Nether-lands	Sweden	Switzer-land	Japan	India ¹	Canada	Argen-tina	Brazil	Chile
	Rate per pound sterling	Rate per franc	Rate per lire	Rate per franc	Rate per guilder	Rate per krona	Rate per franc	Rate per yen	Rate per rupee	Rate per dollar	Rate per gold peso	Rate per milreis	Rate per paper peso
Par value.....	\$4.87	\$0.193	\$0.193	\$0.193	\$0.402	\$0.268	\$0.193	\$0.499	\$0.487	\$1.000	\$0.965	\$0.324	\$0.195
1914 average.....	5.14	.199	.195				.194	.491					
1915 average.....	4.78	.182	.169				.187	.495			.041	.234	
1916 average.....	4.76	.170	.155				.191	.507			.004	.236	
1917 average.....	4.76	.174	.137				.211	.513			.007	.240	
1918 average.....	4.76	.178	.134				.229	.533			.009	.253	
1919 average.....	4.43	.137	.114	.128	.391	.255	.190	.512	.403	.956	.900	.267	.226
1920 average.....	3.66	.070	.050	.074	.344	.205	.169	.504	.389	.893	.907	.225	.185
1921 average.....	3.85	.075	.043	.074	.336	.225	.174	.482	.262	.896	.730	.131	.121
1922 average.....	4.43	.082	.048	.077	.385	.262	.191	.478	.287	.985	.818	.129	.122
1923 average.....	4.57	.061	.046	.062	.391	.266	.181	.486	.311	.980	.786	.102	.122
1921													
September.....	3.72	.073	.042	.072	.317	.218	.172	.482	.264	.899	.096	.124	.107
October.....	3.87	.073	.040	.071	.335	.229	.182	.477	.274	.914	.731	.127	.117
November.....	3.97	.072	.041	.069	.350	.232	.188	.479	.269	.915	.735	.126	.110
December.....	4.16	.078	.044	.075	.363	.245	.194	.479	.274	.928	.748	.127	.108
1922													
January.....	4.22	.082	.044	.078	.367	.249	.194	.476	.278	.948	.772	.126	.101
February.....	4.36	.087	.049	.083	.376	.261	.195	.474	.281	.963	.826	.132	.104
March.....	4.38	.090	.051	.084	.378	.267	.194	.473	.278	.969	.828	.137	.114
April.....	4.41	.092	.054	.085	.379	.260	.194	.474	.278	.978	.807	.136	.113
May.....	4.45	.091	.053	.084	.387	.258	.192	.474	.288	.988	.824	.137	.119
June.....	4.45	.088	.050	.082	.387	.258	.190	.478	.289	.988	.819	.137	.126
July.....	4.45	.082	.046	.078	.388	.259	.191	.478	.289	.989	.818	.136	.130
August.....	4.46	.080	.045	.075	.388	.263	.190	.477	.290	.997	.821	.134	.137
September.....	4.43	.077	.043	.072	.388	.265	.188	.481	.287	1.000	.811	.125	.137
October.....	4.44	.074	.042	.069	.390	.266	.184	.481	.288	1.001	.814	.113	.136
November.....	4.48	.069	.045	.064	.393	.268	.184	.484	.295	1.000	.822	.119	.124
December.....	4.61	.072	.050	.066	.398	.269	.189	.480	.306	.994	.856	.119	.124
1923													
January.....	4.65	.067	.049	.061	.396	.269	.188	.487	.317	.991	.847	.114	.128
February.....	4.69	.061	.048	.054	.395	.266	.188	.484	.318	.987	.842	.114	.126
March.....	4.70	.063	.049	.055	.395	.266	.186	.485	.316	.991	.841	.111	.127
April.....	4.66	.070	.050	.058	.392	.266	.182	.487	.314	.980	.832	.106	.123
May.....	4.63	.067	.048	.057	.391	.266	.180	.491	.311	.979	.817	.104	.128
June.....	4.61	.063	.046	.054	.392	.266	.179	.491	.310	.977	.805	.104	.134
July.....	4.58	.059	.043	.049	.392	.265	.176	.488	.308	.974	.777	.104	.126
August.....	4.56	.057	.043	.046	.393	.266	.181	.489	.305	.977	.745	.096	.122
September.....	4.54	.059	.044	.049	.393	.265	.179	.486	.306	.977	.749	.097	.124
October.....	4.52	.060	.045	.051	.391	.264	.179	.488	.311	.986	.737	.095	.118
November.....	4.38	.055	.044	.047	.380	.263	.176	.484	.309	.981	.712	.088	.111
December.....	4.36	.053	.043	.046	.380	.263	.175	.470	.310	.976	.723	.093	.107
1924													
January.....	4.26	.047	.043	.042	.374	.262	.173	.449	.305	.974	.737	.109	.104
February.....	4.31	.044	.044	.038	.374	.262	.174	.454	.303	.969	.765	.120	.101
March.....	4.29	.047	.043	.039	.371	.263	.173	.429	.299	.970	.766	.115	.098
April.....	4.35	.062	.044	.052	.372	.264	.176	.409	.304	.981	.748	.112	.105
May.....	4.36	.058	.044	.049	.374	.265	.177	.402	.306	.983	.746	.110	.110
June.....	4.32	.053	.043	.046	.374	.265	.177	.411	.305	.984	.739	.108	.106
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

See footnotes on opposite page also.

¹ The foreign exchange index number recently computed by the *Federal Reserve Board* is based upon the average rates of exchange for 17 countries, Germany excluded, and is here substituted for the weighted geometric average previously published. The index represents the "aggregative" average of cable transfer rates on these countries and is based on the total volume of imports and exports of merchandise, gold, and silver from and to each country for the preceding 12 months. The countries used in computing the index are Belgium, Denmark, England, France, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, Canada, Argentina, Brazil, Chile, China, India, and Japan. The method of computation and the reasons for the change are explained in detail in the *Federal Reserve Bulletin* for October, 1922, page 1260.

² Average value of the paper peso in 1913.

Table 161.—IMPORTS BY GRAND DIVISIONS ¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	FROM EUROPE					FROM NORTH AMERICA		FROM SOUTH AMERICA		FROM ASIA AND OCEANIA		FROM AFRICA	GRAND TOTAL
	Total	France	Germany	Italy	United Kingdom	Total	Canada	Total	Argentina	Total	Japan	Total	
Relative to 1913													
1913 monthly average..	100	100	100	100	100	100	100	100	100	100	100	100	100
1914 monthly average..	91	75	81	100	106	113	115	116	220	100	107	83	100
1915 monthly average..	63	56	24	93	95	131	125	163	370	116	109	146	99
1916 monthly average..	73	73	3	109	112	169	167	216	455	193	184	261	133
1917 monthly average..	64	71	0	60	103	224	291	302	697	271	256	308	165
1918 monthly average..	37	43	0	44	55	250	318	308	893	330	305	360	169
1919 monthly average..	87	89	6	107	114	297	348	347	779	378	414	473	218
1920 monthly average..	142	119	48	136	189	427	431	384	812	467	419	633	294
1921 monthly average..	88	102	44	113	68	191	236	149	234	207	254	170	140
1922 monthly average..	116	103	64	116	181	211	256	181	335	277	358	274	177
1923 monthly average..	134	108	88	167	149	257	293	235	447	341	351	367	212
1921													
September.....	88	117	44	118	81	143	204	103	132	194	275	62	120
October.....	93	92	50	150	85	165	248	107	141	179	207	143	126
November.....	97	120	39	122	97	173	243	162	225	202	273	218	141
December.....	101	99	47	117	109	160	226	164	202	300	458	345	159
1922													
January.....	95	92	47	100	92	174	212	138	245	248	339	228	145
February.....	99	101	58	69	117	178	170	152	291	209	272	318	144
March.....	119	112	63	119	147	225	219	144	222	239	235	523	171
April.....	91	93	55	78	98	195	180	139	208	223	230	327	145
May.....	103	100	58	121	112	221	239	200	285	265	360	217	169
June.....	106	87	63	104	120	223	259	170	370	306	435	100	174
July.....	104	78	63	112	123	236	285	179	386	252	246	187	169
August.....	117	116	70	90	139	243	272	166	372	329	465	194	188
September ¹	113	96	70	95	141	164	237	167	394	244	326	132	200
October.....	161	151	85	157	201	250	395	235	395	397	570	203	185
November.....	131	106	67	147	149	218	293	239	401	300	413	393	195
December.....	135	102	70	195	137	206	312	237	450	310	402	461	197
1923													
January.....	144	123	90	186	148	220	258	251	548	361	376	896	220
February.....	125	89	68	144	155	232	239	252	506	331	301	472	203
March.....	168	131	98	239	218	356	276	323	634	369	398	546	266
April.....	147	119	89	159	183	318	306	281	706	381	321	419	244
May.....	142	106	83	125	194	323	301	299	792	407	402	450	249
June.....	124	92	79	152	141	276	298	221	590	376	292	278	214
July.....	115	85	86	124	124	233	304	195	501	344	365	207	192
August.....	117	95	90	122	109	214	302	176	282	335	387	199	184
September.....	118	91	90	126	115	205	280	168	187	270	320	144	170
October.....	147	138	102	201	145	268	320	224	248	288	296	144	206
November.....	130	110	87	234	122	226	325	211	172	321	349	256	195
December.....	130	114	89	190	128	210	303	222	200	313	398	384	193
1924													
January.....	122	93	73	130	136	231	270	230	192	314	422	591	198
February.....	137	117	83	121	152	304	279	220	282	349	317	371	222
March.....	119	114	65	119	128	352	371	216	533	253	196	499	215
April.....	117	110	63	156	127	291	280	209	349	397	300	356	217
May.....	117	97	64	107	115	286	282	235	352	317	330	162	203
June.....	111	81	69	105	108	246	279	232	334	268	261	244	183
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

See footnotes on opposite page.

Table 162.—IMPORTS BY GRAND DIVISIONS¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	FROM EUROPE					FROM NORTH AMERICA		FROM SOUTH AMERICA		FROM ASIA AND OCEANIA		FROM AFRICA	GRAND TOTAL
	Total	France	Germany	Italy	United Kingdom	Total	Canada	Total	Argentina	Total	Japan	Total	
Thousands of dollars													
1913 monthly average..	\$72,056	\$11,578	\$15,351	\$4,610	\$22,663	\$32,485	\$11,844	\$16,522	\$2,131	\$26,344	\$8,245	\$1,978	\$149,363
1914 monthly average..	65,293	8,685	12,449	4,601	23,949	36,783	13,669	19,127	4,690	26,265	8,808	1,638	149,106
1915 monthly average..	45,529	6,493	3,746	4,297	21,525	42,455	14,800	26,857	7,890	30,489	9,026	2,887	148,216
1916 monthly average..	52,776	9,074	485	5,020	25,457	54,870	19,771	35,634	9,691	50,865	15,174	5,158	199,303
1917 monthly average..	45,929	8,220	13	3,040	23,340	72,665	34,473	49,902	14,855	71,455	21,139	6,060	246,039
1918 monthly average..	26,510	4,959	26	2,028	12,385	81,218	37,641	50,911	10,032	86,837	25,162	7,126	252,691
1919 monthly average..	62,544	10,318	884	4,922	25,766	6,481	41,225	57,294	16,597	69,696	34,154	9,349	325,364
1920 monthly average..	102,320	13,805	7,403	6,280	42,821	138,555	50,989	63,417	17,315	123,058	34,548	12,521	439,873
1921 monthly average..	63,745	11,824	6,690	5,191	19,900	62,904	27,953	24,635	4,994	54,447	20,939	3,365	269,096
1922 monthly average..	82,600	11,901	9,791	5,328	29,739	68,533	30,337	29,897	7,140	72,955	29,525	5,410	259,396
1923 monthly average..	96,458	12,471	13,444	7,695	33,680	83,566	34,720	38,570	9,531	89,901	28,907	7,257	316,006
1921													
September.....	63,408	13,565	6,785	5,438	18,299	46,349	24,189	17,133	2,818	51,170	22,700	1,233	179,292
October.....	66,769	10,677	7,625	6,917	19,215	53,443	29,416	17,712	2,995	47,241	17,077	2,843	188,003
November.....	70,254	13,930	5,914	5,607	21,888	56,317	28,767	26,717	4,803	53,345	22,510	4,315	210,948
December.....	72,733	11,484	7,372	5,393	24,626	51,869	26,709	27,106	4,307	78,969	40,242	6,819	237,496
1922													
January.....	68,113	10,654	7,223	4,590	20,805	56,529	25,214	22,793	5,229	65,237	27,941	4,513	217,185
February.....	71,491	11,656	8,901	3,180	26,518	57,701	20,137	25,114	6,193	55,147	22,406	6,291	215,743
March.....	85,796	13,025	9,633	5,501	33,332	73,235	25,950	23,745	4,727	63,063	19,370	10,339	256,178
April.....	65,667	10,742	8,497	3,598	22,124	63,323	21,296	22,889	4,440	58,725	18,990	6,470	217,023
May.....	73,949	11,591	8,520	5,584	25,439	71,718	28,249	33,032	6,082	69,831	29,693	4,287	252,817
June.....	76,470	10,025	9,596	4,791	27,141	72,322	30,733	29,158	7,891	80,535	35,825	1,975	260,161
July.....	75,271	9,059	9,606	5,155	27,939	76,767	33,699	29,560	8,234	66,479	20,261	3,695	251,772
August.....	84,604	13,390	10,737	4,140	31,486	78,864	32,200	27,362	7,920	86,715	38,362	3,832	281,376
September ²	81,677	11,146	10,683	4,395	31,846	53,194	28,081	27,605	8,405	64,402	26,870	2,615	296,493
October.....	116,530	17,495	13,035	7,258	45,541	81,051	46,809	38,861	8,408	104,610	46,970	4,024	276,104
November.....	94,517	12,227	10,250	6,767	33,665	70,943	34,692	39,456	8,555	79,122	34,454	7,766	291,805
December.....	97,118	11,800	10,818	8,971	31,033	66,810	36,953	39,187	9,595	81,558	33,166	9,117	293,789
1923													
January.....	103,575	14,275	13,789	8,597	33,579	71,445	30,597	41,455	11,676	95,050	31,041	17,720	329,254
February.....	89,748	10,277	10,476	6,659	35,200	75,391	28,291	41,654	10,782	87,279	24,850	9,340	303,467
March.....	120,740	15,131	14,997	11,008	49,390	115,741	32,705	53,436	13,511	97,210	32,788	10,801	397,928
April.....	105,877	13,730	13,642	7,309	41,495	103,346	36,249	46,422	15,052	100,313	26,459	8,294	364,253
May.....	102,217	12,300	12,762	5,789	44,039	104,820	35,638	49,401	16,875	107,092	33,113	9,015	372,545
June.....	89,665	10,683	12,092	6,999	31,914	89,609	35,331	36,443	12,579	99,012	24,111	5,505	320,234
July.....	83,167	9,813	13,210	5,729	28,171	77,355	36,038	32,136	10,070	90,582	30,179	4,095	287,434
August.....	84,505	11,030	13,777	5,616	24,721	69,396	35,794	29,157	6,017	88,382	31,892	3,944	275,438
September.....	85,375	10,542	13,745	5,820	26,133	66,572	33,115	27,830	3,993	71,014	26,366	2,854	253,615
October.....	105,780	15,926	15,727	9,248	32,833	86,904	37,850	36,980	5,289	75,860	24,430	2,843	308,291
November.....	93,448	12,786	13,426	10,777	27,701	73,432	38,452	34,923	3,670	84,580	28,783	5,071	291,333
December.....	93,351	13,153	13,688	8,778	28,987	68,080	35,936	36,601	4,256	82,442	32,844	7,593	288,205
1924													
January.....	88,018	10,818	11,245	5,992	30,835	75,197	31,948	37,967	4,098	82,650	34,812	11,656	295,509
February.....	98,879	13,687	12,716	5,600	34,535	98,884	33,018	36,425	6,018	91,980	28,128	7,332	332,323
March.....	85,799	13,254	9,952	5,502	28,460	114,344	35,749	43,974	11,359	66,619	16,134	9,890	320,503
April.....	83,970	12,731	9,604	7,199	28,893	94,395	33,178	34,528	7,444	104,501	24,728	7,033	324,370
May.....	84,270	11,283	9,831	4,924	26,128	93,054	33,343	38,883	7,511	83,537	27,184	3,203	303,600
June.....	80,189	9,393	10,611	4,832	24,480	80,019	33,031	38,368	7,108	70,605	21,529	4,834	274,015
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and represent imports of merchandise only. Up to and including May, 1921, import values represented "actual market value or wholesale price at the time of exportation to the United States, in the principal markets of the country from whence exported, including the value of all containers and coverings, whether holding liquids or solids, and all other costs, charges, and expenses incident to placing the merchandise in condition, packed ready for shipment to the United States." (Tariff act of 1913.) Beginning with June, 1921, the import values are either the actual foreign market value, as defined above, or "the export value, including any export tax imposed by the country of exportation," whichever is higher. (Emergency tariff act of May 27, 1921.)

² Figures for September, 1922, include only the first 21 days of September, during which the old tariff law was in force; the remaining 9 days of September are included in the October figures.

Table 163.—IMPORTS BY CLASSES OF COMMODITIES¹

[Base year in bold-faced type]

YEAR AND MONTH	Total	Crude materials for use in manufacturing	Food-stuffs in crude condition and food animals	Food-stuffs partly or wholly manufactured	Manufactures for further use in manufacturing	Manufactures ready for consumption	Miscellaneous	Total	Crude materials for use in manufacturing	Food-stuffs in crude condition and food animals	Food-stuffs partly or wholly manufactured	Manufactures for further use in manufacturing	Manufactures ready for consumption	Miscellaneous														
															Relative to 1913							Thousands of dollars						
															RELATIVE NUMBERS							NUMERICAL DATA						
															100	100	100	100	100	100	100	\$149,383	\$30,463	\$18,413	\$16,518	\$28,355	\$34,401	\$1,234
1913 mo. average..	100	100	100	100	100	100	100	\$149,383	\$30,463	\$18,413	\$16,518	\$28,355	\$34,401	\$1,234														
1914 mo. average..	100	99	106	129	81	99	118	149,106	49,790	19,561	21,378	23,066	33,936	1,459														
1915 mo. average..	99	115	110	138	77	71	92	148,216	57,991	20,242	22,770	21,748	24,335	1,130														
1916 mo. average..	133	167	118	171	123	84	134	199,303	84,132	21,678	28,226	34,822	28,798	1,648														
1917 mo. average..	165	209	175	177	159	94	120	216,039	105,682	32,144	29,287	45,124	32,327	1,476														
1918 mo. average..	169	202	156	200	191	98	91	252,601	101,760	28,795	33,114	54,080	33,742	1,117														
1919 mo. average..	218	277	247	280	179	119	179	325,364	139,521	45,411	46,308	50,860	41,028	2,210														
1920 mo. average..	295	290	261	625	236	212	213	439,873	146,073	48,186	103,179	66,835	73,094	2,633														
1921 mo. average..	139	141	138	186	101	150	136	209,096	71,090	25,331	30,737	23,669	51,577	1,681														
1922 mo. average..	174	191	150	195	161	162	129	259,396	96,381	27,660	32,290	45,793	55,612	1,590														
1923 mo. average..	212	229	164	267	212	187	140	316,006	115,719	30,232	44,134	60,017	64,215	1,732														
1921																												
September.....	120	121	90	111	93	157	253	179,292	60,813	16,588	18,465	26,324	53,973	3,118														
October.....	125	118	127	145	98	150	161	188,008	59,460	23,326	23,883	27,707	51,665	1,937														
November.....	141	139	159	159	107	155	136	210,948	70,039	20,338	26,205	30,398	53,365	1,682														
December.....	159	186	178	154	113	149	156	237,496	94,016	32,707	25,473	32,083	51,171	1,924														
1922																												
January.....	145	164	149	158	107	145	87	217,185	82,639	27,498	25,900	30,272	49,811	1,075														
February.....	144	160	121	168	120	144	99	215,743	80,971	22,370	27,762	34,041	49,375	1,224														
March.....	171	172	155	218	151	174	146	256,178	86,910	28,756	36,014	42,820	59,880	1,797														
April.....	145	138	140	197	131	148	81	217,023	69,804	25,711	32,482	37,252	50,820	1,004														
May.....	169	174	170	211	140	169	83	252,817	87,877	31,264	34,785	39,595	58,268	1,028														
June.....	174	181	142	226	108	167	66	200,461	91,146	26,176	37,341	47,527	57,453	818														
July.....	169	173	150	233	109	144	70	251,772	87,366	27,596	35,513	47,960	49,475	862														
August.....	188	219	127	257	171	162	158	281,376	110,304	22,481	42,405	48,335	55,857	1,944														
September ²	200	172	102	145	147	157	334	298,493	66,818	18,729	24,023	41,766	54,036	4,121														
October.....	185	273	203	183	232	209	185	276,104	137,652	37,464	30,289	65,674	71,746	2,279														
November.....	195	220	177	192	200	169	95	291,805	111,146	32,650	31,770	56,759	58,809	1,171														
December.....	197	246	170	159	205	153	142	293,789	123,937	31,221	26,196	58,007	52,073	1,755														
1923																												
January.....	220	276	155	189	228	186	137	329,254	139,094	28,613	31,269	64,650	63,935	1,693														
February.....	203	253	155	234	195	152	83	303,407	127,467	28,597	38,611	55,413	52,267	1,027														
March.....	266	287	208	430	258	203	87	397,928	144,657	38,298	71,024	73,017	69,830	1,072														
April.....	244	283	178	365	229	181	87	364,253	142,710	32,866	60,252	64,952	62,400	1,073														
May.....	219	237	157	363	258	190	40	372,545	144,924	28,859	59,893	73,074	65,320	495														
June.....	214	234	134	323	220	179	34	320,234	117,999	24,657	53,328	62,422	61,435	416														
July.....	192	212	129	228	198	181	27	287,434	107,047	23,783	37,582	56,199	62,391	333														
August.....	184	186	114	209	205	196	135	275,438	93,994	21,058	33,010	58,133	67,518	1,668														
September.....	170	154	144	202	173	183	337	253,645	77,560	26,468	33,324	49,192	62,910	4,161														
October.....	203	183	165	291	203	214	222	308,291	92,451	34,057	48,067	57,503	73,554	2,734														
November.....	195	194	218	216	179	186	232	291,333	97,945	40,124	35,600	50,790	64,136	2,890														
December.....	192	204	192	167	191	169	263	288,305	102,783	35,434	27,617	54,130	64,855	3,248														
1924																												
January.....	198	209	177	234	205	169	214	295,506	105,634	32,631	38,586	58,032	58,029	2,637														
February.....	222	232	166	356	235	168	190	332,323	117,322	30,540	58,763	66,650	57,881	2,344														
March.....	215	202	167	407	168	172	122	320,503	102,157	31,465	67,294	56,175	59,014	1,511														
April.....	217	219	192	355	193	189	96	324,370	110,558	35,316	58,652	54,699	64,103	1,189														
May.....	203	206	204	306	172	179	35	393,000	104,120	37,484	50,581	48,650	61,679	432														
June.....	183	176	186	253	171	176	34	274,015	88,625	34,234	41,734	48,420	60,587	415														
July.....																												
August.....																												
September.....																												
October.....																												
November.....																												
December.....																												

¹ Data from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. For changes in valuations, see footnote on preceding page.
² Figures for September, 1922, include first 21 days only, during which period the old tariff law was in effect; remaining 9 days included with October.

Table 164.—DOMESTIC EXPORTS BY CLASSES OF COMMODITIES ¹

[Base year in bold-faced type]

YEAR AND MONTH	Total	Crude material for use in manufacturing	Food-stuffs in crude condition and food animals	Food-stuffs partly or wholly manufactured	Manufactures for further use in manufacturing	Manufactures ready for consumption	Miscellaneous	Total	Crude materials for use in manufacturing	Food-stuffs in crude condition and food animals	Food-stuffs partly or wholly manufactured	Manufactures for further use in manufacturing	Manufactures ready for consumption	Miscellaneous														
															Relative to 1913							Thousands of dollars						
															RELATIVE NUMBERS							NUMERICAL DATA						
															100	100	100	100	100	100	100							
1913 mo. average..	100	100	100	100	100	100	100	\$204,024	\$61,017	\$11,121	\$27,023	\$33,065	\$67,120	\$676														
1914 mo. average..	85	64	162	95	85	82	278	172,675	40,938	22,939	25,727	27,949	33,243	1,877														
1915 mo. average..	143	74	272	170	120	168	1,514	201,104	47,280	24,470	45,880	39,641	101,581	10,239														
1916 mo. average..	221	94	219	200	230	336	1,162	451,887	60,118	33,107	54,003	76,022	218,780	7,857														
1917 mo. average..	252	102	300	249	332	346	641	513,934	65,061	42,406	67,228	109,845	225,656	4,337														
1918 mo. average..	247	124	323	434	265	265	233	503,990	73,432	45,620	117,152	87,773	172,437	1,577														
1919 mo. average..	317	210	400	605	232	328	160	645,813	131,178	56,590	163,551	76,851	213,625	1,070														
1920 mo. average..	330	244	542	344	242	410	145	673,402	155,902	76,408	93,060	79,960	267,032	5-0														
1921 mo. average..	179	123	409	267	101	208	97	361,911	81,997	57,687	55,805	33,270	135,497	654														
1922 mo. average..	154	128	271	181	110	165	88	313,770	81,800	33,212	43,965	36,414	107,729	542														
1923 mo. average..	167	157	152	180	142	189	79	340,942	100,303	21,450	48,570	46,826	124,219	530														
1921																												
September.....	156	107	481	233	86	140	76	318,462	68,391	67,662	62,036	28,295	91,296	512														
October.....	165	189	285	178	85	151	166	336,949	121,322	40,265	48,018	28,429	98,323	1,113														
November.....	142	138	213	153	101	147	168	289,212	88,545	30,022	41,449	33,290	95,538	732														
December.....	143	141	204	142	106	151	120	291,175	89,950	28,737	38,282	55,145	98,370	813														
1922																												
January.....	135	114	220	159	106	141	114	274,633	72,838	31,051	43,019	35,143	91,810	769														
February.....	121	87	197	167	97	130	92	246,357	55,895	27,799	45,161	32,193	81,664	622														
March.....	159	114	244	218	133	173	96	323,452	73,001	34,507	58,899	43,632	112,765	648														
April.....	152	124	221	175	115	175	156	310,959	79,511	31,174	47,372	37,969	113,876	1,056														
May.....	148	101	242	186	122	172	66	301,689	64,371	34,151	50,369	40,422	112,161	449														
June.....	161	110	260	205	119	186	183	327,639	70,262	40,998	55,471	39,465	121,319	124														
July.....	145	64	297	182	108	168	33	296,459	59,859	41,959	49,225	35,625	109,796	224														
August.....	145	75	434	170	107	161	60	296,219	47,863	61,314	46,074	35,733	104,553	467														
September.....	151	104	391	160	106	165	53	307,563	66,611	55,149	43,229	31,964	107,273	537														
October.....	179	209	289	177	100	169	94	366,186	133,760	40,798	47,921	32,940	110,150	637														
November.....	184	225	238	190	102	169	149	374,548	144,333	33,615	51,471	31,850	110,274	1,605														
December.....	166	177	184	183	108	175	119	339,251	113,343	26,021	49,362	35,667	113,855	863														
1923																												
January.....	162	159	172	188	131	168	132	330,777	102,073	24,218	50,742	43,255	109,618	591														
February.....	148	121	192	184	119	165	102	302,010	77,207	27,167	49,807	39,382	107,760	687														
March.....	163	125	137	204	139	203	117	373,450	79,914	19,364	55,025	45,978	132,420	789														
April.....	156	111	126	188	151	197	70	318,553	71,130	17,736	50,801	49,917	128,433	476														
May.....	152	83	184	182	151	201	45	306,390	53,300	25,997	49,132	50,996	130,653	502														
June.....	153	107	151	154	149	202	43	312,178	68,278	21,336	41,529	49,206	131,543	287														
July.....	145	95	138	139	149	199	28	296,551	60,560	19,509	37,321	49,318	129,453	1-0														
August.....	149	102	169	158	139	195	28	304,339	65,319	23,898	42,466	45,810	127,061	186														
September.....	183	205	192	169	135	191	76	374,191	131,560	27,085	45,640	45,040	124,213	513														
October.....	193	236	154	189	139	190	85	363,814	151,098	21,750	59,960	45,977	123,447	573														
November.....	193	251	102	194	143	182	141	394,354	160,821	14,461	52,294	47,156	118,968	954														
December.....	206	285	105	210	154	178	87	421,148	182,423	14,574	50,727	50,851	115,656	587														
1924																												
January.....	191	207	98	230	165	195	95	389,051	132,749	13,792	59,319	51,627	127,125	639														
February.....	176	178	99	193	152	196	103	358,576	113,862	13,927	52,287	50,374	127,433	693														
March.....	162	133	106	184	131	201	93	331,511	85,436	14,968	49,825	50,059	150,597	625														
April.....	165	126	94	158	154	127	67	335,645	808,620	13,326	42,651	59,950	147,574	474														
May.....	160	120	75	139	161	226	37	325,738	76,855	10,638	37,460	53,075	147,156	251														
June.....	146	97	106	126	153	210	48	298,682	62,387	15,021	34,635	56,462	136,450	327														
July.....																												
August.....																												
September.....																												
October.....																												
November.....																												
December.....																												

¹ Data from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

Table 165.—EXPORTS BY GRAND DIVISIONS ¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	TO EUROPE					TO NORTH AMERICA		TO SOUTH AMERICA		TO ASIA AND OCEANIA		TO AFRICA	GRAND TOTAL
	Total	France	Germany	Italy	United Kingdom	Total	Canada	Total	Argentina	Total	Japan	Total	
Relative to 1913													
1913 monthly average..	100	100	100	100	100	100	100	100	100	100	100	100	100
1914 monthly average..	89	111	45	124	102	80	77	62	49	85	67	88	85
1915 monthly average..	172	325	3	343	203	93	86	98	96	116	73	128	143
1916 monthly average..	254	559	1	336	319	154	150	150	140	226	175	167	221
1917 monthly average..	271	611	(?)	533	340	210	206	213	195	263	298	178	251
1918 monthly average..	257	695	(?)	626	349	220	220	207	191	200	438	205	248
1919 monthly average..	346	580	20	563	386	216	182	301	284	432	586	338	319
1920 monthly average..	298	439	88	473	328	321	241	426	389	502	605	573	331
1921 monthly average..	158	146	106	274	159	188	147	187	202	311	377	252	181
1922 monthly average..	139	173	90	192	145	152	143	154	174	265	349	193	154
1923 monthly average..	140	178	90	213	149	181	162	184	205	316	422	210	168
1921													
September.....	142	168	125	150	121	174	167	114	113	253	374	110	157
October.....	157	202	90	283	173	154	133	125	116	203	483	173	166
November.....	122	150	83	202	123	143	123	109	111	295	502	202	142
December.....	124	134	74	229	140	124	105	133	158	340	590	166	143
1922													
January.....	119	138	81	141	132	116	97	113	135	316	537	134	135
February.....	103	125	75	86	108	119	105	115	136	251	361	180	121
March.....	144	149	122	100	148	147	132	141	152	311	438	218	159
April.....	147	172	106	168	147	142	129	150	184	242	270	164	154
May.....	135	157	89	144	151	142	132	149	176	249	308	271	149
June.....	140	179	96	182	153	151	143	171	197	270	314	198	162
July.....	127	166	69	276	127	151	147	160	161	250	308	178	145
August.....	124	144	90	199	112	171	168	154	154	218	204	197	146
September.....	132	172	74	193	144	167	165	169	196	224	241	209	151
October.....	165	236	99	296	170	178	174	165	194	296	416	178	179
November.....	173	249	93	272	182	173	167	183	184	286	412	228	184
December.....	140	195	84	244	163	170	157	181	215	268	387	157	166
1923													
January.....	152	182	89	236	170	156	145	175	201	240	257	186	162
February.....	128	103	83	163	145	149	132	171	213	271	339	205	148
March.....	132	160	85	196	129	182	160	188	199	335	454	186	165
April.....	125	174	90	220	119	183	160	187	204	274	364	296	157
May.....	111	160	78	151	98	208	197	184	224	270	332	201	153
June.....	112	154	65	200	112	199	186	202	242	292	326	219	155
July.....	102	129	85	140	91	192	177	193	210	291	350	231	146
August.....	109	145	79	136	108	193	181	200	257	265	253	200	150
September.....	162	196	108	240	183	196	179	176	185	314	414	198	184
October.....	172	248	112	292	181	179	154	179	188	398	530	195	193
November.....	174	245	97	278	203	169	136	192	201	405	674	193	194
December.....	197	234	110	303	250	160	135	157	137	440	721	208	206
1924													
January.....	162	180	140	257	172	149	121	196	196	502	915	292	191
February.....	161	156	167	242	151	142	134	200	190	336	400	226	177
March.....	135	171	123	200	116	172	146	190	181	327	415	182	164
April.....	144	155	112	231	133	169	144	206	194	285	268	305	168
May.....	130	172	97	171	127	176	143	203	193	313	307	234	161
June.....	114	166	61	184	105	169	142	212	196	292	184	221	148
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

See footnotes on opposite page.

Table 166.—EXPORTS BY GRAND DIVISIONS¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	TO EUROPE					TO NORTH AMERICA		TO SOUTH AMERICA		TO ASIA AND OCEANIA		TO AFRICA	GRAND TOTAL
	Total	France	Germany	Italy	United Kingdom	Total	Canada	Total	Argentina	Total	Japan	Total	
Thousands of dollars													
1913 monthly average..	\$121,944	\$12,827	\$39,328	\$6,556	\$43,228	\$50,093	\$33,699	\$12,210	\$4,552	\$17,319	\$5,203	\$2,411	\$267,602
1914 monthly average..	111,608	14,175	13,191	8,161	49,984	40,132	25,885	7,584	2,261	14,700	3,479	2,110	176,135
1915 monthly average..	214,451	41,733	981	22,477	99,870	46,667	23,754	12,011	4,403	20,039	3,811	3,095	295,221
1916 monthly average..	317,773	71,735	188	25,294	157,282	77,046	50,409	18,356	6,406	39,211	9,096	4,501	456,887
1917 monthly average..	338,538	78,399	(?)	34,920	167,450	103,081	69,077	25,991	8,925	45,567	15,623	4,282	519,459
1918 monthly average..	321,558	77,000	(?)	41,015	171,774	110,457	73,906	25,226	8,769	50,250	22,815	4,943	512,424
1919 monthly average..	432,306	74,447	7,730	36,890	189,880	107,963	61,187	36,812	12,992	74,775	30,530	8,160	660,085
1920 monthly average..	372,174	56,349	25,953	30,930	161,319	160,764	80,988	51,993	17,811	86,932	31,495	13,864	685,698
1921 monthly average..	196,992	18,745	31,027	17,955	78,510	94,132	49,473	22,777	9,236	53,782	19,620	6,071	373,761
1922 monthly average..	173,613	22,247	26,343	12,575	71,319	76,305	43,057	18,840	7,962	45,910	18,290	4,619	319,315
1923 monthly average..	174,452	22,784	26,442	13,961	73,382	90,628	54,389	22,444	9,400	54,793	21,973	5,056	347,291
1921													
September.....	177,246	21,579	36,774	9,857	59,475	87,133	55,972	13,920	5,179	43,897	19,499	2,662	324,863
October.....	196,054	25,849	26,266	18,554	84,951	77,128	44,750	15,308	5,318	50,677	25,159	4,163	343,531
November.....	153,071	19,259	24,326	13,249	60,640	71,579	41,194	13,320	5,100	51,256	26,126	4,865	294,692
December.....	154,961	17,231	21,741	15,001	60,105	62,216	35,111	16,205	7,237	68,807	30,718	4,010	296,198
1922													
January.....	149,042	17,753	23,669	9,266	64,933	57,995	32,608	13,553	6,157	54,726	27,985	3,232	278,819
February.....	128,938	16,054	22,053	5,637	53,390	59,717	35,301	14,088	6,246	43,534	18,768	4,311	250,620
March.....	180,182	19,080	35,658	6,553	72,788	73,642	44,493	17,199	6,987	53,709	23,785	5,258	329,950
April.....	183,143	22,076	31,048	11,028	72,291	71,124	43,403	18,366	8,411	41,874	14,041	3,961	318,470
May.....	168,754	20,117	26,107	9,473	74,486	71,050	44,288	18,158	8,064	43,074	15,976	6,554	307,569
June.....	186,701	22,946	28,191	11,933	75,246	75,896	47,944	29,929	9,023	46,811	16,363	4,790	335,117
July.....	158,471	21,243	20,215	18,111	62,346	75,622	49,514	19,530	7,378	43,233	16,021	4,282	301,157
August.....	154,863	18,466	26,293	13,042	55,264	85,565	56,487	18,800	7,053	37,791	10,646	4,754	301,775
September.....	164,786	22,025	21,716	12,674	71,062	83,893	55,309	20,624	8,991	38,815	12,569	6,049	313,197
October.....	206,009	30,215	28,981	19,334	83,923	89,124	58,459	20,098	8,991	51,158	21,650	4,901	370,719
November.....	215,745	31,923	27,385	17,800	89,681	86,862	55,989	22,304	8,430	49,598	21,455	5,490	350,660
December.....	186,723	25,062	24,742	15,987	80,410	85,264	52,836	22,123	9,571	46,421	20,130	3,791	314,328
1923													
January.....	189,712	23,236	26,086	15,489	83,589	78,293	48,832	21,326	9,217	41,608	13,362	4,479	335,417
February.....	159,431	13,791	24,441	10,705	71,452	74,664	44,479	20,939	9,780	46,926	17,650	4,931	306,967
March.....	164,843	20,471	25,031	12,851	63,624	91,028	53,826	22,943	9,105	58,071	21,636	4,493	341,377
April.....	156,247	22,303	26,200	14,416	58,474	91,699	53,777	22,878	9,333	47,537	18,937	7,131	325,492
May.....	138,344	20,524	22,969	9,914	48,400	103,969	66,084	22,447	10,275	46,762	19,890	4,528	316,379
June.....	139,920	19,710	18,983	13,083	55,047	99,485	62,459	24,705	11,094	50,560	16,992	5,287	313,967
July.....	127,274	16,543	24,935	9,148	45,014	96,237	59,539	23,602	9,694	50,358	18,220	6,559	302,156
August.....	136,763	18,537	23,260	8,929	53,001	99,427	60,648	24,431	11,794	45,912	13,169	4,822	310,966
September.....	201,989	25,082	31,541	15,752	90,002	97,954	60,227	21,544	8,474	54,459	21,544	4,767	351,434
October.....	215,369	31,803	32,797	19,176	89,256	89,008	51,717	21,868	8,593	68,974	27,585	4,703	359,199
November.....	217,201	31,374	28,580	18,231	99,732	84,806	45,743	23,411	9,215	70,130	35,113	4,612	401,484
December.....	246,335	29,977	32,395	19,839	122,995	80,064	45,340	19,230	6,308	76,155	37,571	5,616	426,666
1924													
January.....	202,671	23,128	40,966	16,858	84,863	74,591	40,750	23,874	8,959	67,004	47,637	7,089	398,271
February.....	200,729	19,940	49,080	15,889	74,157	71,334	45,007	24,451	8,728	58,170	29,837	5,451	365,765
March.....	169,447	21,879	36,167	13,127	56,989	85,994	49,222	23,217	8,295	56,635	21,629	4,381	339,755
April.....	180,278	19,915	32,874	15,120	65,711	84,706	48,319	25,206	8,903	49,257	13,953	7,382	346,951
May.....	162,086	22,067	28,302	11,203	62,469	88,371	48,162	24,764	8,541	54,291	15,971	6,638	334,950
June.....	141,949	21,321	18,033	12,042	51,778	84,427	47,762	25,860	8,957	48,913	9,563	5,325	306,475
July.....													
August.....													
September.....													
October.....													
November.....													
December.....													

¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and represent exports, including reexports, of merchandise only. Values are those at time of exportation in the ports of the United States whence exported, except reexports from bonded warehouses, which are expressed in their import value.

² Total for year 1917 is \$3,275. No figures for 1918.

Table 167.—FOREIGN TRADE OF THE UNITED KINGDOM¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	IMPORTS (values)				EXPORTS (values)				REEXPORTS (values)				EXPORTS OF KEY COMMODITIES ² (quantities)			
	Total	Food, drink, and to- bacco	Raw mate- rial	Man- ufac- tured arti- cles	Total	Food, drink, and to- bacco	Raw mate- rial	Man- ufac- tured arti- cles	Total	Food, drink, and to- bacco	Raw mate- rial	Man- ufac- tured arti- cles	Cotton piece goods	Woolen and worsted tissues	Iron and steel	Coal
	Relative to 1913												Relative to 1920		Relative to 1913	
1913 monthly av.....	100	100	100	100	100	100	100	100	100	100	100	100	(?)	(?)	100	100
1914 monthly av.....	91	103	84	83	82	89	84	82	87	109	84	82	(?)	(?)	78	89
1915 monthly av.....	115	131	102	94	73	77	75	71	90	140	85	75	(?)	(?)	65	69
1916 monthly av.....	123	144	120	98	96	91	92	96	89	132	77	93	(?)	(?)	67	62
1917 monthly av.....	138	157	137	113	100	50	96	103	64	47	68	64	(?)	(?)	47	48
1918 monthly av.....	171	196	163	145	95	37	87	99	28	25	22	43	(?)	(?)	33	43
1919 monthly av.....	212	244	229	138	152	102	174	154	150	269	142	105	(?)	(?)	46	48
1920 monthly av.....	252	266	252	235	254	156	208	272	203	239	192	181	100	100	70	34
1921 monthly av.....	142	196	96	127	136	115	91	143	98	190	78	90	66	43	35	34
1922 monthly av.....	131	163	106	119	137	111	146	138	95	137	86	91	94	70	69	87
1923 monthly av.....	143	176	115	133	146	134	187	141	108	154	104	92	93	80	87	108
1922																
January.....	119	140	105	110	145	105	121	151	93	162	75	93	92	71	61	66
February.....	108	133	86	103	133	101	118	140	111	171	100	105	68	54	54	66
March.....	137	187	94	126	148	120	145	151	111	204	94	99	82	68	71	85
April.....	126	166	91	118	127	111	127	129	101	175	88	88	82	64	63	67
May.....	139	178	108	125	133	112	150	131	98	162	85	92	92	75	66	83
June.....	132	165	107	117	119	112	132	118	95	121	90	91	84	73	57	78
July.....	128	161	103	115	138	103	138	141	91	108	90	85	120	78	61	83
August.....	129	156	103	126	137	114	153	138	82	97	77	86	102	80	65	100
September.....	120	147	93	119	143	116	173	141	70	105	58	76	107	62	67	116
October.....	133	160	112	122	138	113	158	137	91	109	84	96	96	58	84	101
November.....	149	188	129	121	152	125	173	152	100	119	97	96	108	74	90	107
December.....	148	175	133	123	135	103	163	131	93	105	93	86	98	79	82	97
1923																
January.....	156	196	129	135	153	124	161	155	107	127	111	88	108	100	86	92
February.....	131	154	114	121	131	105	163	129	108	98	122	82	93	80	77	97
March.....	140	168	118	132	139	97	199	134	100	123	105	76	91	65	89	117
April.....	135	173	98	133	144	119	201	137	136	120	162	90	86	59	94	112
May.....	140	180	101	131	163	117	240	154	129	165	132	102	111	75	103	126
June.....	139	182	101	131	144	145	198	136	120	175	118	95	81	81	89	108
July.....	120	146	89	126	136	116	186	130	96	129	87	100	86	93	74	111
August.....	139	182	95	135	137	126	176	133	67	93	63	64	89	86	78	108
September.....	129	158	100	129	146	148	169	143	89	160	71	89	93	82	81	103
October.....	156	185	131	147	163	176	199	157	122	251	96	110	100	75	94	122
November.....	159	194	137	138	150	172	182	144	111	213	91	109	95	77	95	169
December.....	170	194	170	134	146	163	173	140	114	198	95	110	87	86	86	96
1924																
January.....	158	168	167	130	147	166	164	142	146	243	130	128	96	102	82	69
February.....	151	175	139	130	155	169	171	154	145	220	145	105	107	91	80	83
March.....	162	196	137	147	140	152	160	136	139	172	150	69	96	68	70	85
April.....	135	165	100	138	144	150	163	141	129	160	133	103	102	54	81	83
May.....	191	216	166	188	161	154	167	162	143	171	137	144	107	74	98	90
June.....	138	167	110	135	142	140	134	144	110	129	109	102	94	87	79	80
July.....																
August.....																
September.....																
October.....																
November.....																
December.....																

¹ Compiled from British official reports by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. From April 1, 1923, South Ireland acquired Dominion status, so that trade statistics for the United Kingdom beginning with April, 1923, include only Great Britain, North Ireland, and the Isle of Man.

² Figures include reexports.

³ Figures for years 1913-1919, inclusive, are in linear yards.

⁴ See p. 217 for exchange rate on pound sterling.

Table 168.—FOREIGN TRADE OF THE UNITED KINGDOM¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	IMPORTS (values)				EXPORTS (values)				REEXPORTS (values)				EXPORTS OF KEY COMMODITIES ² (quantities)			
	Total	Food, drink, and to- bacco	Raw mate- rial	Man- ufac- tured arti- cles	Total	Food, drink, and to- bacco	Raw mate- rial	Man- ufac- tured arti- cles	Total	Food, drink, and to- bacco	Raw mate- rial	Man- ufac- tured arti- cles	Cotton piece goods	Woolen and worsted tissues	Iron and steel	Coal
1913 monthly av.....	64,061	24,184	23,485	16,134	43,770	2,716	5,825	34,281	9,131	1,329	5,336	2,455	565,415	14,718	414	6,117
1914 monthly av.....	58,053	24,995	19,711	13,374	35,893	2,412	4,893	28,219	7,956	1,453	4,488	2,007	478,763	13,417	324	4,920
1915 monthly av.....	73,491	31,740	23,881	15,121	32,072	2,090	4,363	24,411	8,255	1,867	4,540	1,835	398,417	12,460	270	3,628
1916 monthly av.....	79,042	34,931	28,066	15,766	42,190	2,458	5,362	32,783	8,131	1,756	4,095	2,271	438,318	15,432	279	3,196
1917 monthly av.....	88,680	37,893	32,067	18,214	43,923	1,361	5,597	35,301	5,806	620	3,615	1,566	415,001	13,871	195	2,916
1918 monthly av.....	109,678	47,491	38,207	23,343	41,785	1,001	5,083	33,880	2,579	336	1,194	1,048	308,321	8,208	137	2,646
1919 monthly av.....	133,513	58,938	53,834	22,219	66,553	2,775	10,107	52,663	13,729	3,575	7,571	2,575	294,782	13,706	190	2,937
1920 monthly av.....	161,379	64,291	59,292	37,902	111,289	4,241	12,138	93,394	18,534	3,842	10,219	4,437	379,188	22,178	290	2,078
1921 monthly av.....	90,669	47,382	22,598	20,425	59,316	3,122	5,322	49,048	8,921	2,520	4,171	2,220	242,038	9,562	143	2,055
1922 monthly av.....	83,694	39,429	24,853	19,160	60,041	3,027	8,501	47,452	8,648	1,815	4,588	2,236	348,862	15,438	284	5,350
1923 monthly av.....	91,472	42,568	27,079	21,426	63,944	3,639	10,898	48,336	9,885	2,049	5,564	2,264	315,692	17,710	301	5,874
1922																
January.....	76,488	33,972	24,565	17,710	63,147	2,861	7,032	51,824	8,459	2,155	4,015	2,285	339,346	15,813	254	4,021
February.....	69,275	32,257	20,220	16,576	58,335	2,754	6,869	48,000	10,174	2,276	5,323	2,575	252,276	11,995	224	4,014
March.....	87,879	45,261	22,095	20,309	64,581	3,270	8,465	51,760	10,154	2,709	5,015	2,428	301,293	15,057	296	5,201
April.....	80,661	40,097	21,404	18,962	55,508	3,011	7,376	44,336	9,200	2,323	4,704	2,168	362,598	14,602	258	4,087
May.....	88,814	43,075	25,358	20,207	58,045	3,045	8,757	45,073	8,965	2,152	4,548	2,204	341,959	16,585	273	5,057
June.....	84,208	39,936	25,242	18,857	52,146	3,044	7,671	40,565	8,720	1,611	4,787	2,230	312,435	16,145	237	4,794
July.....	81,784	38,817	24,237	18,579	60,419	2,806	8,041	48,455	8,317	1,436	4,795	2,081	443,937	17,305	282	5,064
August.....	82,661	37,762	24,141	20,326	60,032	3,105	8,900	47,149	7,504	1,288	4,110	2,105	378,353	17,632	270	6,146
September.....	76,944	35,555	21,848	19,244	62,511	3,154	10,099	48,361	6,381	1,399	3,103	1,869	396,368	13,834	279	7,083
October.....	85,015	38,617	26,409	19,726	60,399	3,066	9,211	47,010	8,277	1,453	4,456	2,350	354,690	12,877	348	6,196
November.....	95,600	45,501	30,223	19,587	66,491	3,408	10,101	51,964	9,148	1,583	5,200	2,351	399,117	16,484	373	6,571
December.....	94,912	42,292	32,499	19,838	58,883	2,796	9,493	44,932	8,479	1,391	4,969	2,108	360,965	17,521	341	5,955
1923																
January.....	99,700	47,398	30,288	21,707	66,939	3,364	9,372	53,135	9,798	1,687	5,938	2,172	400,598	22,280	354	5,647
February.....	83,855	37,141	26,739	19,462	57,510	2,864	9,470	44,324	9,823	1,360	6,492	2,021	342,980	17,718	318	5,903
March.....	90,002	40,726	27,732	21,226	60,921	2,646	11,564	45,935	9,086	1,639	5,886	1,858	337,906	14,466	379	7,180
April.....	86,417	41,772	22,939	21,446	62,871	3,224	11,717	46,922	12,422	1,592	8,618	2,207	316,736	12,082	388	6,841
May.....	89,479	43,631	23,741	21,562	71,555	3,177	14,005	52,801	11,773	2,167	7,069	2,507	410,381	16,561	425	7,654
June.....	89,308	44,086	23,652	21,179	62,884	3,940	11,540	46,534	10,955	2,323	6,200	2,311	391,313	17,924	367	6,589
July.....	76,818	35,188	20,991	20,272	59,504	3,131	10,835	44,734	8,800	1,711	4,619	2,464	316,601	20,543	308	6,767
August.....	88,743	44,070	22,338	21,774	60,103	3,428	10,223	45,446	6,129	1,232	3,337	1,559	330,485	19,122	324	6,580
September.....	82,656	38,150	23,579	20,874	63,836	4,010	9,821	48,937	8,110	2,121	3,798	2,182	345,828	18,207	335	6,316
October.....	99,915	44,828	30,879	23,674	71,323	4,780	11,585	53,582	11,147	3,334	5,098	2,708	371,778	16,535	389	7,433
November.....	101,585	46,805	32,116	22,301	65,768	4,677	10,386	49,364	10,171	2,835	4,864	2,464	350,143	17,046	394	6,670
December.....	109,190	47,018	39,959	21,632	64,115	4,430	10,056	48,012	10,397	2,627	5,063	2,689	323,551	19,134	355	5,874
1924																
January.....	101,259	40,739	30,208	20,060	64,235	4,515	9,530	48,782	13,311	3,236	6,920	3,141	354,000	22,656	338	5,411
February.....	96,705	42,296	32,539	20,076	67,975	4,594	9,970	52,662	13,231	2,918	7,725	2,586	397,573	20,139	332	5,075
March.....	103,729	47,505	32,132	23,714	61,103	4,140	9,321	46,715	12,701	2,287	7,682	2,431	354,303	14,984	289	5,190
April.....	86,165	40,009	23,485	22,316	62,867	4,062	9,450	48,277	11,771	2,132	7,107	2,520	378,153	12,069	337	5,663
May.....	122,067	52,325	38,918	30,288	70,261	4,191	9,723	55,422	13,091	2,267	7,267	3,535	395,022	16,300	407	5,480
June.....	88,501	40,421	25,810	21,823	62,024	3,614	7,800	49,458	10,024	1,715	5,613	2,494	347,208	19,274	325	4,882
July.....																
August.....																
September.....																
October.....																
November.....																
December.....																

See footnotes on opposite page.

Table 169.—COAL PRODUCTION IN FOREIGN COUNTRIES¹

(Relative numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	COAL										LIGNITE	
	United Kingdom ²	Germany ³	France ³	Belgium	Czechoslovakia	Poland ³	Netherlands	Japan	Canada	Union of South Africa	Germany	Czechoslovakia
	Relative to 1913											
1913 monthly average.....	100	100	100	100	100	100	100	100	100	100	100	100
1914 monthly average.....	92	85	67	73	-----	-----	103	105	91	96	96	-----
1915 monthly average.....	88	77	48	62	-----	-----	121	96	88	94	101	-----
1916 monthly average.....	89	84	52	74	-----	-----	138	107	96	114	108	-----
1917 monthly average.....	86	88	71	65	-----	-----	161	124	94	118	110	-----
1918 monthly average.....	79	84	64	61	-----	-----	181	132	100	112	115	-----
1919 monthly average.....	80	³ 61	³ 54	81	74	-----	181	147	91	117	108	74
1920 monthly average.....	80	³ 69	³ 85	98	78	67	210	137	88	130	123	86
1921 monthly average.....	86	³ 72	³ 94	95	82	79	210	109	78	131	141	92
1922 monthly average.....	86	³ 69	³ 106	93	69	230	244	115	74	111	157	81
1923 monthly average.....	97	³ 31	³ 117	100	81	374	285	124	89	135	128	70
1921												
September.....	73	73	100	99	80	82	223	101	83	135	143	92
October.....	75	76	98	100	72	84	238	108	83	123	145	84
November.....	80	74	97	95	81	89	233	112	78	125	144	97
December.....	83	75	107	103	77	88	239	123	83	124	152	98
1922												
January.....	79	77	104	98	86	91	238	107	69	98	151	90
February.....	77	72	100	92	49	86	212	112	72	75	139	51
March.....	91	85	112	103	90	107	247	125	86	103	169	105
April.....	77	71	96	91	68	84	224	123	47	101	146	65
May.....	88	77	101	90	72	91	246	119	52	124	157	92
June.....	71	57	100	88	62	94	230	118	63	122	144	81
July.....	83	61	103	88	65	³ 365	248	110	60	124	157	83
August.....	89	64	108	89	77	389	252	109	50	119	167	88
September.....	91	64	109	90	61	374	255	103	92	116	163	76
October.....	95	68	113	96	56	385	269	118	99	116	166	76
November.....	97	66	110	95	75	354	260	123	101	117	161	58
December.....	91	61	112	95	71	343	250	116	101	112	164	82
1923												
January.....	99	³ 55	123	105	77	404	280	123	109	123	125	83
February.....	91	46	77	84	74	360	255	117	97	114	114	77
March.....	106	48	90	101	66	420	294	117	96	127	155	90
April.....	91	34	90	96	101	368	288	134	91	134	126	71
May.....	104	26	103	95	90	334	265	129	95	146	131	67
June.....	99	22	128	103	91	387	274	133	96	141	144	67
July.....	90	21	127	98	97	402	291	122	67	138	145	73
August.....	89	19	133	101	61	407	295	118	103	143	174	49
September.....	94	21	130	99	75	379	280	118	77	134	129	³
October.....	106	23	143	110	84	⁷ 311	323	118	82	143	101	73
November.....	104	21	135	110	120	389	297	118	76	142	98	101
December.....	90	37	128	102	113	333	279	137	72	132	98	91
1924												
January.....	98	21	³ 145	115	118	369	313	127	78	135	131	104
February.....	100	21	141	111	115	349	294	-----	77	130	115	99
March.....	101	23	147	111	115	253	301	-----	-----	138	143	96
April.....	94	15	140	108	102	257	306	-----	-----	140	141	87
May.....	100	7	108	105	100	292	319	-----	-----	148	148	82
June.....	78	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

See footnotes on opposite page also.

¹Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from official sources.²Prorated from weekly reports.³Figures for France include lignite (averaging 56,000 tons per month in 1913). Beginning 1919, Alsace-Lorraine (averaging 203,000 tons monthly in 1919 and 264,000 tons in 1920) is included with France instead of with Germany and beginning 1920 the Saar district (784,000 tons per month) is similarly transferred. Upper Silesia, whose disorders were responsible for the curtailment of German production in May, 1921, was included as a whole with Germany until June, 1922, since which time only the part of Upper Silesia allotted to Germany is included.

Table 170.—COAL PRODUCTION IN FOREIGN COUNTRIES¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	COAL										LIGNITE	
	United Kingdom ²	Germany ³	France ⁴	Belgium	Czechoslovakia	Poland ⁵	Netherlands	Japan	Canada	Union of South Africa	Germany	Czechoslovakia
	Thousands of metric tons ⁶											
1913 monthly average.....	24,342	15,843	3,464	1,994	1,189	803	156	1,776	1,133	665	7,269	1,918
1914 monthly average.....	22,499	13,449	2,294	1,393	-----	-----	161	1,858	1,031	641	6,075	-----
1915 monthly average.....	21,443	12,239	1,628	1,181	-----	-----	189	1,707	1,003	626	7,329	-----
1916 monthly average.....	21,711	13,264	1,776	1,405	-----	-----	216	1,908	1,035	757	7,840	-----
1917 monthly average.....	21,044	13,079	2,410	1,243	-----	-----	251	2,197	1,062	785	7,062	-----
1918 monthly average.....	19,286	13,376	2,188	1,157	-----	-----	283	2,336	1,133	747	8,389	-----
1919 monthly average.....	19,458	⁷ 9,723	⁸ 1,822	1,540	874	-----	283	2,606	1,035	776	7,820	1,411
1920 monthly average.....	19,402	⁹ 10,950	⁸ 2,890	1,866	928	531	328	2,437	1,001	867	9,203	1,641
1921 monthly average.....	13,695	¹⁰ 11,351	⁸ 3,213	1,817	970	631	327	1,938	888	870	10,249	1,739
1922 monthly average.....	20,904	¹¹ 10,861	⁸ 3,596	1,770	825	1,850	381	2,049	815	735	11,428	1,559
1923 monthly average.....	23,605	¹² 4,927	3,982	1,910	969	3,007	445	2,197	1,009	901	9,338	1,351
1921												
September.....	17,877	11,607	3,393	1,876	949	659	348	1,792	947	899	10,379	1,766
October.....	18,355	11,977	3,337	1,906	861	672	372	1,920	939	818	10,567	1,618
November.....	19,524	11,708	3,309	1,818	964	711	364	1,983	887	832	10,479	1,860
December.....	20,247	11,923	3,632	1,965	914	703	373	2,191	944	824	11,029	1,883
1922												
January.....	19,293	12,166	3,533	1,872	1,028	729	371	1,894	787	653	10,979	1,718
February.....	18,842	11,456	3,390	1,760	584	692	330	1,995	818	490	10,091	974
March.....	22,263	13,418	3,807	1,968	1,067	861	386	2,212	980	684	12,269	2,018
April.....	18,854	11,289	3,278	1,726	808	675	350	2,191	533	660	10,634	1,827
May.....	21,366	12,120	3,442	1,708	854	734	384	2,113	594	827	11,437	1,758
June.....	17,381	9,038	3,415	1,675	740	753	359	2,096	715	813	10,487	1,559
July.....	20,213	9,589	3,513	1,669	778	¹³ 2,930	387	1,961	684	823	11,411	1,590
August.....	21,667	10,206	3,682	1,695	911	3,123	398	1,042	563	793	12,147	1,681
September.....	22,211	10,157	3,705	1,721	729	3,007	398	1,833	1,040	772	11,823	1,467
October.....	23,015	10,753	3,836	1,819	666	3,095	420	2,099	1,129	773	12,078	1,449
November.....	23,619	10,456	3,753	1,805	891	2,843	405	2,189	1,144	776	11,896	1,103
December.....	22,122	9,684	3,799	1,818	848	2,758	390	2,063	1,152	742	11,897	1,567
1923												
January.....	24,020	¹⁴ 8,781	4,200	1,994	912	3,243	437	2,189	1,236	810	9,104	1,585
February.....	22,229	7,238	2,609	1,604	880	2,894	398	2,084	1,106	761	8,289	1,474
March.....	25,794	7,651	3,051	1,924	786	3,370	458	2,084	1,094	842	11,258	1,733
April.....	22,151	5,396	3,063	1,822	1,198	2,959	450	2,376	1,032	859	9,118	1,390
May.....	25,391	4,144	3,507	1,813	1,068	2,683	414	2,284	1,074	971	9,534	1,299
June.....	24,203	3,408	4,352	1,970	1,077	3,107	428	2,358	1,089	940	10,496	1,278
July.....	21,812	3,349	4,312	1,857	1,156	3,227	451	2,160	766	916	10,572	1,393
August.....	21,756	3,030	4,517	1,927	731	3,265	460	¹⁵ 2,100	1,225	936	12,653	943
September.....	22,886	3,267	4,410	1,893	757	3,042	437	¹⁶ 2,100	869	889	9,404	¹⁶ 62
October.....	25,755	3,719	4,862	2,088	999	¹⁷ 2,497	604	¹⁶ 2,100	936	975	7,357	1,405
November.....	25,389	3,253	4,583	2,039	1,421	3,126	461	¹⁶ 2,100	858	946	7,119	1,930
December.....	21,872	5,906	4,365	1,936	1,340	2,671	435	¹⁶ 2,431	817	875	7,119	1,753
1924												
January.....	23,787	3,300	4,928	2,183	1,399	2,964	489	2,293	884	897	9,554	2,004
February.....	24,283	3,356	4,807	2,112	1,366	2,805	458	-----	877	865	8,327	1,908
March.....	24,616	3,571	5,017	2,108	1,372	¹⁸ 2,029	469	-----	1,240	918	10,391	1,836
April.....	22,960	2,369	4,765	2,049	1,215	¹⁹ 2,067	477	-----	801	930	10,251	1,675
May.....	24,313	1,066	²⁰ 3,693	1,999	1,190	²⁰ 2,347	497	-----	-----	931	10,789	1,568
June.....	18,999	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

See footnotes on opposite page also.

¹ One metric ton is equivalent to 2,204.6 pounds.
² Figures for 1923 represent a total of the production in Germany as reported in the yearbook of the *Miners' Union of Germany* and the production in the occupied Ruhr district (exclusive of mines under French administration), as reported in the *Moniteur des Intérêts Matériels*; data for January and February, 1924, include only coal produced in the occupied district.

³ Exclusive of the Saar Valley.

⁴ Production curtailed by strikes.

⁵ Includes upper Silesia beginning with July, 1922. The old territory produced 837,000 tons in July. The preliminary data for 1924 include only upper Silesia.

⁶ Upper Silesia, only.

⁷ Prorated from 5 months total; monthly distribution not available.

Table 171.—METAL PRODUCTION IN FOREIGN COUNTRIES¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	PIG IRON					STEEL INGOTS					ZINC	
	United Kingdom	Canada	France	Belgium	Luxemburg	United Kingdom	Canada	France	Belgium	Luxemburg	Stocks in United Kingdom	Production in Belgium
	Relative to 1913										Relative to Apr.-Dec. average, 1920	Relative to 1920
1913 monthly average.....	100	100	100	100	100	100	100	100	100	100		
1914 monthly average.....	87	69	52	58	72	102	71	56	57	96		
1915 monthly average.....	86	81	11	3	63	112	87	23	4	82		
1916 monthly average.....	88	104	29	5	77	120	122	41	4	109		
1917 monthly average.....	92	104	33	(?)	60	128	149	47	(?)	89		
1918 monthly average.....	88	106	25		50	125	161	28	(?)	72		
1919 monthly average.....	72	81	46	10	24	103	89	46	14	32		
1920 monthly average.....	78	96	64	45	27	118	106	62	51	50	100	100
1921 monthly average.....	25	60	65	35	38	47	64	63	32	62	70	79
1922 monthly average.....	48	38	97	65	66	70	47	94	63	115	21	134
1923 monthly average.....	73	87	102	88	55	111	85	105	93	96	46	173
1921												
September.....	18	52	56	19	42	67	64	60	17	76	72	71
October.....	28	60	59	23	47	63	83	52	16	82	68	78
November.....	32	57	68	29	44	69	86	72	23	70	62	88
December.....	32	48	69	36	48	60	49	76	31	81	56	105
1922												
January.....	34	38	72	45	48	51	38	80	39	76	50	117
February.....	35	40	74	44	46	66	48	80	41	75	37	110
March.....	46	50	89	57	63	86	34	93	52	101	28	127
April.....	46	40	88	55	62	63	25	82	47	99	27	121
May.....	48	27	102	57	67	72	18	92	58	113	23	126
June.....	43	35	96	56	68	63	38	90	55	123	20	118
July.....	47	38	99	61	71	74	72	93	56	127	19	128
August.....	48	33	103	74	70	82	69	100	74	130	17	137
September.....	50	30	106	79	72	87	41	103	83	134	16	141
October.....	56	44	116	85	78	88	62	109	89	138	12	157
November.....	58	42	118	83	73	94	60	104	86	131	3	160
December.....	62	43	118	77	75	85	54	105	82	133	3	168
1923												
January.....	66	49	112	80	67	98	55	103	87	122	2	152
February.....	64	52	71	73	42	111	54	73	77	73	1	161
March.....	74	77	73	82	45	126	102	80	90	78	4	185
April.....	76	100	81	83	45	117	107	90	83	78	5	178
May.....	84	121	91	80	41	128	120	101	84	72	7	174
June.....	81	118	103	83	42	120	110	108	92	73	7	171
July.....	77	98	100	90	58	98	85	101	89	95	5	170
August.....	70	111	112	96	64	91	121	114	104	109	4	158
September.....	65	59	111	94	60	109	76	113	95	105	3	170
October.....	69	88	118	95	63	110	77	120	105	125	5	180
November.....	70	74	124	99	65	117	63	124	106	121	6	184
December.....	73	71	130	101	72	102	47	133	101	99	5	196
1924												
January.....	75	76	135	101	76	109	47	137	113	146	5	199
February.....	72	71	136	100	78	120	82	140	110	150	4	189
March.....	78	93	147	111	88	128	108	145	118	154	4	201
April.....	72	100	150	116	88	111	120	143	118	155	3	184
May.....	76	101	152	119	87	127	124	151	122	150	3	189
June.....											3	181
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnotes on opposite page also.

¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from official reports, except zinc stocks in United Kingdom, and zinc production in Belgium reported by American Bureau of Metal Statistics; iron and steel production in United Kingdom reported by British Federation of Iron and Steel Manufacturers; Canadian production by Department of Trade and Commerce, Dominion Bureau of Statistics.

Table 172.—METAL PRODUCTION IN FOREIGN COUNTRIES ¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	PIG IRON					STEEL INGOTS					ZINC	
	United Kingdom	Canada	France	Belgium	Luxemburg	United Kingdom	Canada	France	Belgium	Luxemburg	Stocks in United Kingdom	Production in Belgium
	Thousands of long tons ⁴		Thousands of metric tons ⁵			Thousands of long tons ⁴		Thousands of metric tons ⁵			Short tons	
1913 monthly average.....	855	84	434	207	212	639	87	396	205	101		
1914 monthly average.....	744	58	224	121	152	653	62	221	116	97		
1915 monthly average.....	733	68	49	6	133	713	76	91	8	83		
1916 monthly average.....	754	87	124	11	163	766	106	163	8	110		
1917 monthly average.....	785	87	145	1	127	817	130	186	1	90		
1918 monthly average.....	756	89	109		106	799	140	151	1	73		
1919 monthly average.....	612	68	201	21	51	658	77	182	28	32		
1920 monthly average.....	667	81	276	93	58	755	92	246	104	50	² 25,477	7,740
1921 monthly average.....	218	50	280	73	81	302	56	250	65	63	17,945	6,106
1922 monthly average.....	408	32	419	134	140	485	41	373	130	116	5,430	10,393
1923 monthly average.....	620	73	443	182	117	707	74	416	190	97	1,182	13,420
1921												
September.....	158	44	244	40	88	429	56	236	35	77	18,374	5,500
October.....	236	50	256	47	100	405	72	206	33	83	17,275	6,019
November.....	272	48	295	61	94	443	75	277	47	71	15,738	6,861
December.....	275	40	301	74	102	351	43	302	64	82	14,297	8,122
1922												
January.....	288	32	312	94	102	328	33	315	80	77	12,761	9,092
February.....	300	34	323	92	97	419	42	316	84	76	9,335	8,743
March.....	390	42	385	118	133	549	30	367	106	101	7,140	9,860
April.....	394	34	383	114	131	404	22	324	97	100	6,796	9,359
May.....	408	23	442	119	142	462	16	364	118	114	5,979	9,733
June.....	369	29	416	115	144	400	33	358	113	124	5,221	9,160
July.....	399	32	428	127	150	473	63	369	115	128	4,504	9,877
August.....	412	28	447	154	149	521	60	397	151	131	4,454	10,026
September.....	430	25	462	163	152	556	36	407	171	135	4,108	10,880
October.....	482	37	503	175	165	565	54	430	182	139	2,990	12,133
November.....	494	35	514	172	154	601	52	410	177	132	842	12,401
December.....	534	36	513	160	159	546	47	415	169	134	707	13,040
1923												
January.....	568	41	486	165	142	624	48	408	179	123	441	11,739
February.....	543	44	306	151	88	707	47	290	157	74	221	12,500
March.....	634	65	310	170	95	803	89	316	164	79	938	14,319
April.....	652	84	350	172	96	749	93	355	170	79	1,387	13,791
May.....	714	102	393	166	86	821	104	399	172	73	1,906	13,492
June.....	693	99	447	172	90	768	96	427	189	74	1,880	13,239
July.....	655	82	436	167	123	624	74	400	152	96	1,342	13,183
August.....	600	93	486	190	135	583	105	452	213	110	1,128	12,230
September.....	559	75	482	194	127	695	66	446	194	106	889	13,172
October.....	593	74	514	196	134	702	67	477	216	126	1,158	13,966
November.....	598	62	536	205	138	750	55	493	217	122	1,557	14,209
December.....	627	60	565	209	153	653	41	526	207	100	1,333	15,201
1924												
January.....	637	64	586	209	162	694	41	541	231	147	1,210	15,366
February.....	613	60	590	206	165	768	71	555	226	151	1,092	14,660
March.....	668	78	640	230	187	817	94	573	241	156	961	15,545
April.....	618	84	651	240	186	712	104	567	241	157	754	14,253
May.....	651	85	658	247	184	810	108	599	251	152	703	14,605
June.....											751	14,010
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												

See footnote on opposite page also.

² Relative number less than 1.
³ Average for 9 months, April-December.

⁴ A long ton contains 2,240 pounds.
⁵ A metric ton is equivalent to 2,204.6 pounds.

Table 173.—EMPLOYMENT IN FOREIGN COUNTRIES ¹

(Relative numbers for base year in bold-faced type; numerical data on opposite page)

YEAR AND MONTH	UNITED KINGDOM		GERMANY	BELGIUM	NETHERLANDS	SWEDEN	NORWAY	DENMARK	CANADA	AUSTRALIA (quarterly)
	Trade unions	Compulsory insurance								
	Relative to 1913										Relative to 1919	Relative to 1913
1913 monthly average.....	100	100	100	100	100	100	100	100		100
1914 monthly average.....	100	99	96	99	88	98	99	97		98
1915 monthly average.....	101	102	100	-----	90	96	99	100	² 95	97
1916 monthly average.....	102	102	101	-----	99	100	101	103	¹ 102	101
1917 monthly average.....	102	102	102	-----	95	101	101	98	¹ 102	99
1918 monthly average.....	101	102	102	-----	95	100	100	89	¹ 102	101
1919 monthly average.....	100	-----	99	-----	96	99	100	97	100	100
1920 monthly average.....	100	100	99	-----	98	99	99	102	99	100
1921 monthly average.....	87	90	100	81	94	77	84	87	91	95
1922 monthly average.....	86	90	101	96	92	80	84	89	96	97
1923 monthly average.....	90	92	92	100	91	91	91	95	98	99
1921										
September.....	87	91	102	85	98	78	81	90	95	95
October.....	86	90	102	89	98	76	84	88	96	-----
November.....	86	87	102	88	95	75	82	86	92	-----
December.....	85	87	¹ 101	91	88	69	80	81	88	97
1922										
January.....	85	87	100	91	84	68	78	77	89	-----
February.....	85	88	100	92	82	71	76	72	93	-----
March.....	85	89	102	93	91	73	76	78	94	97
April.....	85	89	102	94	93	75	78	82	93	-----
May.....	85	90	102	96	94	80	84	91	95	-----
June.....	86	91	102	97	95	82	86	94	98	97
July.....	87	91	102	97	95	83	89	94	99	-----
August.....	87	91	102	98	96	86	90	96	100	-----
September.....	87	91	102	99	96	80	90	97	101	97
October.....	88	91	102	99	95	89	91	96	100	-----
November.....	88	91	101	99	91	87	90	92	97	-----
December.....	88	91	103	99	90	82	86	86	97	98
1923										
January.....	88	91	99	99	87	82	85	85	95	-----
February.....	89	91	98	100	89	83	89	83	97	-----
March.....	90	92	97	100	91	84	87	91	97	99
April.....	91	92	96	100	94	88	90	96	99	-----
May.....	91	93	97	99	95	94	92	93	99	-----
June.....	91	92	99	100	94	94	94	99	100	99
July.....	91	92	97	101	93	94	95	100	101	-----
August.....	91	91	96	101	92	96	95	100	101	-----
September.....	91	92	93	101	91	96	94	100	101	99
October.....	91	92	83	101	92	96	93	100	99	-----
November.....	91	92	79	100	91	95	92	96	97	-----
December.....	92	93	74	99	87	90	87	91	96	100
1924										
January.....	93	91	76	99	82	90	92	85	96	-----
February.....	94	93	77	99	87	91	93	85	95	-----
March.....	94	93	86	101	89	90	94	88	97	99
April.....	94	94	92	89	97	93	-----	98	98	-----
May.....	95	94	94	-----	98	97	-----	102	96	-----
June.....	95	94	-----	-----	-----	-----	-----	-----	-----	-----
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

See footnotes on opposite page also.

¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from official sources. Canadian figures furnished direct by Dominion Department of Labour, Employment Service of Canada. The figures, except in the case of British compulsory insurance, which relate to the operations of the Government labor bureau, represent the percentage of trade-union members employed. They have been converted, by inverting, from the original figures showing percentage unemployed.

Table 174.—EMPLOYMENT IN FOREIGN COUNTRIES ¹

[Base year in bold-face type; relative numbers on opposite page]

YEAR AND MONTH	UNITED KINGDOM		GERMANY	BELGIUM	NETHERLANDS	SWEDEN	NORWAY	DENMARK	CANADA	AUSTRALIA (quarterly)
	Trade unions	Compulsory insurance								
Per cent employed										
1913 monthly average.....	97.9	96.4	97.1	97.3	94.9	95.6	98.4	92.5	-----	93.5
1914 monthly average.....	97.7	95.8	92.8	96.1	83.8	93.3	97.6	90.1	-----	91.7
1915 monthly average.....	98.9	98.8	96.8	-----	85.4	92.2	97.9	92.3	² 92.1	90.7
1916 monthly average.....	99.6	98.4	97.8	-----	94.2	95.8	90.2	95.1	³ 98.1	91.2
1917 monthly average.....	99.4	98.4	99.0	-----	90.4	96.1	99.1	90.8	³ 98.1	92.9
1918 monthly average.....	99.2	98.8	98.8	-----	90.0	95.6	98.6	82.6	³ 98.5	91.2
1919 monthly average.....	97.6	-----	96.3	-----	91.1	94.5	98.4	80.3	96.6	93.4
1920 monthly average.....	97.6	96.2	96.2	-----	92.8	91.6	97.7	94.2	95.4	93.5
1921 monthly average.....	84.7	86.3	97.2	78.4	89.1	73.9	82.7	80.1	87.5	88.8
1922 monthly average.....	84.6	86.7	98.5	93.5	87.5	76.9	83.1	82.1	93.0	90.7
1923 monthly average.....	88.5	88.6	89.8	97.3	86.8	87.0	89.6	87.8	95.1	93.0
1921										
September.....	85.2	87.8	98.7	82.3	93.2	74.2	82.9	83.4	91.5	88.6
October.....	84.4	87.2	98.8	86.4	93.1	72.8	82.9	81.6	92.6	-----
November.....	84.1	84.3	98.6	86.1	90.0	71.4	80.7	79.2	88.9	-----
December.....	83.5	83.8	⁴ 98.4	88.6	83.4	66.1	79.1	74.8	84.9	90.5
1922										
January.....	83.2	83.8	96.7	88.8	80.0	65.2	76.5	71.1	86.1	-----
February.....	83.7	84.8	97.3	89.9	78.1	67.9	74.9	66.9	89.4	-----
March.....	83.7	85.6	98.9	90.8	85.9	69.4	74.9	72.1	90.4	90.8
April.....	83.0	85.6	99.1	91.1	88.1	71.4	76.8	76.0	89.6	-----
May.....	83.6	86.5	99.3	93.0	89.5	76.7	82.2	83.0	91.3	-----
June.....	84.3	87.3	99.4	94.0	90.5	78.5	84.5	86.8	91.7	90.4
July.....	85.4	87.7	99.4	94.6	90.6	79.8	87.5	87.1	95.9	-----
August.....	85.6	88.0	99.3	95.6	90.8	82.6	88.5	88.9	96.4	-----
September.....	85.4	88.0	99.2	96.2	91.0	84.7	88.9	89.4	97.2	90.4
October.....	86.0	88.0	98.6	96.1	90.5	84.9	89.5	88.7	96.1	-----
November.....	85.8	87.6	98.0	96.2	89.0	82.9	88.2	84.8	93.8	-----
December.....	86.0	87.8	97.2	96.2	85.6	78.3	84.9	79.7	93.9	91.4
1923										
January.....	86.3	87.3	95.8	96.1	82.9	78.6	83.9	78.5	92.2	-----
February.....	86.9	88.2	94.8	96.9	84.6	79.2	87.6	76.8	93.6	-----
March.....	87.7	88.9	94.4	97.4	86.3	80.1	83.5	84.0	93.2	92.8
April.....	88.7	89.1	93.0	97.6	89.6	84.4	88.8	88.5	95.4	-----
May.....	88.7	89.3	93.8	96.4	90.4	89.4	90.7	89.9	95.5	-----
June.....	88.9	89.0	95.9	97.4	89.2	90.2	92.1	91.9	96.6	92.9
July.....	88.9	88.7	96.5	97.8	88.6	90.3	93.1	92.6	97.1	-----
August.....	88.6	88.2	93.7	98.1	87.1	91.3	93.6	92.4	97.8	-----
September.....	88.7	88.3	90.1	98.5	86.8	91.9	92.4	92.6	98.0	92.6
October.....	89.1	88.3	80.9	98.1	87.0	91.8	91.4	92.4	95.2	-----
November.....	89.5	88.5	76.6	97.3	86.1	90.9	90.5	88.6	93.8	-----
December.....	90.1	89.3	71.8	96.4	82.7	85.9	86.0	81.0	92.8	93.8
1924										
January.....	91.1	89.1	73.5	96.3	77.6	86.4	90.9	79.0	92.5	-----
February.....	91.9	89.3	74.9	96.5	⁵ 82.7	86.8	91.8	78.7	92.2	-----
March.....	92.2	90.1	83.4	98.0	⁶ 84.9	86.2	92.2	81.6	93.3	92.4
April.....	92.5	90.3	89.6	96.4	⁶ 91.8	88.5	-----	90.7	94.9	-----
May.....	93.0	90.5	91.4	-----	⁶ 92.7	92.5	-----	93.9	92.6	-----
June.....	92.8	90.6	-----	-----	-----	-----	-----	-----	-----	-----
July.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
August.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
September.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
October.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

See footnotes on opposite page also.

¹ December.² Average of quarters, March, June, September, and December.³ Yearly figures are quarterly averages.⁴ The report for December covers 6,075,755 organized workers of whom only 97,687, or 1.6 per cent, were unemployed.⁵ Preliminary figures.

Table 175.—CANADIAN FINANCE AND TRADE ¹

[Relative numbers for base year in bold-faced type; numerical data on opposite page]

YEAR AND MONTH	BANK CLEARINGS.	BUSINESS FAILURES		BOND ISSUES			EMPLOYMENT SERVICE OF CANADA					FOREIGN TRADE ²				
		Firms	Liabilities	Government and provincial	Municipal	Corporation bonds	Employment index	Applications	Vacancies	Placements		TOTAL (value)		EXPORTS OF KEY COMMODITIES (quantities)		
										Regular	Casual	Imports	Exports	Canned salmon	Cheese	Wheat
		Relative to 1913						Rel. to Jan., 1920	Relative to 1920			Relative to 1913				
1913 monthly av..	100	100	100	100	100	100						100	100	100	100	100
1914 monthly av..	85	159	185	161	73	59						92	121	290	93	126
1915 monthly av..	82	144	194	405	57	31						68	125	164	88	72
1916 monthly av..	111	97	95	393	43	57						76	206	233	124	157
1917 monthly av..	132	61	82	1,271	25	44						126	313	229	127	189
1918 monthly av..	144	45	75	1,312	51	10						144	421	208	113	150
1919 monthly av..	174	34	61	1,457	27	83						137	336	226	98	42
1920 monthly av..	210	54	133	220	46	62	100.0	100	100	100	100	159	341	292	81	78
1921 monthly av..	181	131	304	303	73	83	87.0	107	87	77	151	185	321	146	86	129
1922 monthly av..	168	178	344	613	75	109	88.6	110	97	81	122	111	200	207	86	136
1923 monthly av..	180	160	309	570	75	176	94.8	118	112	95	146	120	251	153	74	214
1924 monthly av..												133	273	256	75	256
1922																
January.....	168	224	495	483	23	65	78.9	102	57	39	138	92	150	110	12	73
February.....	143	203	441	None.	110	107	81.9	90	56	35	137	97	150	72	36	67
March.....	167	139	320	51	29	156	80.6	101	76	54	139	142	194	106	27	72
April.....	150	136	317	2,668	186	105	83.3	95	91	71	112	85	104	56	8	21
May.....	186	170	354	141	123	272	89.2	110	104	85	140	118	224	62	24	170
June.....	163	238	110	10	45	88	91.1	98	68	77	103	110	233	68	55	140
July.....	158	140	207	170	41	102	93.1	97	91	70	94	109	229	101	135	113
August.....	145	164	279	4	60	50	93.7	159	182	162	110	120	237	75	133	138
September.....	156	156	259	127	45	7	94.6	130	149	120	126	108	232	445	149	110
October.....	186	166	362	452	94	124	95.8	156	141	141	152	120	330	330	153	449
November.....	202	204	333	8	19	62	95.1	102	73	67	104	136	420	100	129	660
December.....	194	207	389	3,246	130	168	86.3	79	61	46	106	126	357	170	68	485
1923																
January.....	167	215	435	191	165	219	89.5	111	83	51	218	122	209	127	24	116
February.....	133	211	338	None.	266	423	89.9	89	77	39	235	117	187	168	3	85
March.....	149	193	430	161	113	90	87.6	91	79	49	192	164	248	129	4	79
April.....	157	151	316	237	47	52	91.4	106	106	79	135	122	173	113	5	61
May.....	190	161	201	208	64	259	97.3	118	118	99	157	151	242	208	21	142
June.....	169	153	359	587	48	171	99.5	103	102	88	125	151	306	135	50	265
July.....	165	143	209	None.	36	70	100.2	106	105	92	107	138	269	78	103	151
August.....	162	136	222	None.	11	15	100.0	176	185	188	110	141	259	78	160	136
September.....	280	140	208	1,131	90	66	99.5	162	192	170	122	128	219	202	173	63
October.....	153	152	254	908	21	280	98.8	165	158	157	136	136	322	475	171	347
November.....	239	149	582	204	18	123	95.7	107	82	78	101	129	442	478	122	766
December.....	196	114	150	3,186	18	347	88.7	86	59	48	113	117	308	304	62	685
1924																
January.....	173	186	553	188	223	819	90.6	107	84	50	222	119	224	298	18	147
February.....	159	163	443	45	56	211	90.7	120	102	43	390	111	217	259	12	140
March.....	147	139	344	192	23	85	89.3	84	65	47	123	155	298	451	7	160
April.....	157	116	195				91.3	95	89	69	124	108	158	95	4	73
May.....	178	128	300				95.2					129	335	147	14	492
June.....	156	98	84				95.9					119	361	162	25	287
July.....																
August.....																
September.....																
October.....																
November.....																
December.....																

See footnotes on opposite page also.

¹ Data on operations of Canadian employment service prorated from weekly reports of Dominion Department of Labor, *Employment Service of Canada*; foreign trade from Department of Trade and Commerce, *Dominion Bureau of Statistics*; issues of Canadian bonds compiled by *The Financial Post*; bank clearings and business failures from *Bradstreet's*; employment index number, showing conditions reported by an average of about 5,800 firms employing about 775,000 workers in 1923 in manufacturing, construction, mining, logging, and services, compiled by *Dominion Bureau of Statistics*.

Table 176.—CANADIAN FINANCE AND TRADE¹

[Base year in bold-faced type; relative numbers on opposite page]

YEAR AND MONTH	BANK CLEARINGS	BUSINESS FAILURES		BOND ISSUES			EMPLOYMENT SERVICE OF CANADA				FOREIGN TRADE ²				
		Firms	Liabilities	Government and provincial	Municipal	Corporation bonds	Applications	Vacancies	Placements		TOTAL (value)		EXPORTS OF KEY COMMODITIES (quantities)		
									Regular	Casual ³	Imports	Exports	Canned salmon	Cheese	Wheat
		Millions of dollars	Number	Thousands of dollars			Number				Thousands of dollars		Thousands of pounds		Thousands of bushels
1913 monthly av...	\$775	152	\$1,388	\$4,422	\$9,647	\$6,171					\$55,334	\$31,422	1,757	12,942	8,375
1914 monthly av...	659	241	2,562	7,118	7,032	3,644					51,600	37,953	5,092	12,078	10,540
1915 monthly av...	637	219	2,698	17,901	5,542	1,888					37,966	39,287	2,888	11,442	5,693
1916 monthly av...	859	148	1,312	17,385	4,158	3,540					42,350	64,559	4,095	10,081	13,145
1917 monthly av...	1,021	93	1,138	56,198	2,365	2,708					70,538	98,268	4,026	10,492	15,804
1918 monthly av...	1,115	68	1,035	58,009	4,917	628					50,204	132,161	3,648	14,573	12,533
1919 monthly av...	1,351	52	843	64,429	2,583	5,121					76,643	105,730	3,076	12,684	3,454
1920 monthly av...	1,627	82	1,845	9,749	4,466	3,846	41,533	40,185	30,502	6,588	88,711	107,222	5,127	10,533	6,468
1921 monthly av...	1,400	199	4,221	13,395	7,052	5,121	44,240	35,002	23,376	9,926	103,347	100,869	2,561	11,135	10,776
1922 monthly av...	1,304	271	4,771	27,125	7,290	6,729	45,690	39,157	24,766	8,027	62,317	62,827	3,637	11,104	11,374
1923 monthly av...	1,395	243	4,285	25,190	7,227	10,880	40,098	45,082	28,931	9,616	66,582	78,858	2,683	9,546	17,923
1923 monthly av...											74,486	85,709	4,503	9,732	21,405
1922															
January.....	1,304	340	6,873	21,370	2,182	4,000	42,233	23,000	11,825	9,118	51,476	47,098	1,035	1,520	6,103
February.....	1,110	309	6,121	None.	10,645	6,633	37,345	22,571	10,624	9,002	51,291	47,004	1,266	4,708	5,602
March.....	1,298	212	4,445	2,250	2,842	9,730	42,144	30,655	16,319	9,182	79,379	60,847	1,601	3,533	6,042
April.....	1,165	207	4,400	118,000	17,925	6,475	39,432	36,452	21,770	7,391	47,695	32,652	960	1,050	1,740
May.....	1,442	263	5,247	6,234	11,878	16,765	45,892	41,690	25,785	9,253	66,121	70,459	1,089	3,156	14,207
June.....	1,267	362	1,529	450	4,387	5,454	40,816	35,382	23,439	6,801	61,669	73,107	1,192	7,693	11,760
July.....	1,223	213	2,868	7,500	3,990	6,315	40,486	36,606	23,970	6,176	60,757	71,821	1,767	17,470	9,487
August.....	1,127	250	3,873	175	5,784	3,095	65,857	73,179	49,271	7,275	67,355	74,456	1,325	17,179	11,587
September.....	1,206	242	5,144	5,600	4,370	450	54,007	59,763	36,615	8,296	60,318	72,934	7,827	10,230	9,233
October.....	1,440	252	5,018	20,000	9,078	7,650	64,699	56,797	43,010	10,003	66,875	103,965	5,806	19,759	37,593
November.....	1,563	310	4,619	375	1,814	3,800	42,404	29,337	20,586	6,859	70,264	131,826	1,758	10,636	25,316
December.....	1,500	315	5,534	143,550	12,579	10,383	32,877	24,456	13,971	6,973	70,265	112,038	2,660	8,816	40,629
1923															
January.....	1,295	327	6,034	8,450	15,904	13,536	46,131	33,389	15,539	14,385	68,080	65,635	2,239	3,142	9,740
February.....	1,028	320	4,693	None.	25,665	26,095	36,866	30,939	12,013	15,497	65,268	58,646	2,959	428	7,129
March.....	1,152	293	5,975	7,125	10,935	5,550	37,820	31,827	15,005	12,636	91,926	77,787	2,271	562	6,614
April.....	1,218	220	4,384	10,500	4,493	3,225	44,082	42,393	24,047	8,856	68,151	54,328	1,979	610	5,143
May.....	1,470	245	2,790	9,200	6,212	15,975	49,167	47,297	30,174	10,319	84,255	76,049	3,655	2,676	11,932
June.....	1,309	232	4,979	25,965	4,672	10,580	42,880	41,067	26,807	8,266	84,633	96,238	2,373	6,479	22,229
July.....	1,281	218	2,906	None.	3,477	4,350	43,859	42,244	28,073	7,026	77,074	84,478	1,362	13,297	12,665
August.....	1,253	207	3,085	None.	1,091	900	73,033	74,440	57,481	7,221	78,820	81,330	1,378	20,667	11,419
September.....	2,170	213	2,889	50,000	8,718	4,050	67,097	77,066	51,740	8,060	71,351	68,758	3,545	22,335	5,300
October.....	1,185	231	3,521	40,150	2,048	17,300	68,322	63,500	47,957	8,960	76,341	101,300	8,340	22,164	29,071
November.....	1,851	226	8,077	9,000	1,737	7,583	44,359	32,676	23,652	6,657	72,081	139,005	8,296	15,808	64,197
December.....	1,518	174	2,084	140,892	1,775	21,410	35,559	23,833	14,677	7,474	65,456	124,916	5,331	8,036	57,378
1924															
January.....	1,339	283	7,675	8,300	21,545	50,510	44,613	23,571	15,237	14,631	68,568	70,355	5,228	2,278	12,322
February.....	1,236	248	6,140	2,000	5,435	13,050	49,915	41,016	13,249	25,668	62,134	68,332	4,519	1,505	11,770
March.....	1,142	212	4,769	8,500	2,218	5,221	34,897	26,104	14,388	8,135	86,622	93,615	7,927	924	13,446
April.....	1,215	177	2,710				39,401	35,670	21,058	8,146	60,200	49,518	1,671	510	6,685
May.....	1,380	194	4,167								72,658	105,311	2,585	1,867	41,228
June.....	1,210	149	1,170								66,396	88,328	2,835	3,214	24,675
July.....															
August.....															
September.....															
October.....															
November.....															
December.....															

See footnote on opposite page also.

¹ Placements are termed casual when employment lasts 1 week or less.² Yearly figures represent the monthly averages for the Canadian fiscal year which ends March 31 of the year indicated.³ January, 1920.

Table 177.—CANADIAN INDUSTRY ¹

[Base year in bold-faced type]

YEAR AND MONTH	NEWSPRINT PAPER				BUILDINGS	RAILROAD OPERATIONS ²		NEWSPRINT PAPER				BUILDINGS	RAILROAD OPERATIONS ²	
	Production	Shipments	Stocks	Exports	Contracts awarded	Freight carried 1 mile	Net operating revenue	Production	Shipments	Stocks	Exports	Contracts awarded	Freight carried 1 mile	Net operating revenue
	Relative to 1919				Relative to 1913			Short tons				Thousands of dollars	Thousands of tons	Dollars
	RELATIVE NUMBERS							NUMERICAL DATA						
					100	100	100					\$32,013	1,919,413	\$6,224,251
1913 monthly av.				22	100	100	100				12,233			
1914 monthly av.				44	63	96	86				24,382	20,163	1,838,608	5,342,357
1915 monthly av.				55	22	77	70				30,394	6,993	1,471,776	4,342,664
1916 monthly av.				70	26	122	111				38,601	8,276	2,349,614	6,915,408
1917 monthly av.				82	22	135	118				45,026	7,070	2,593,892	7,323,404
1918 monthly av.	91	92	106	91	26	135	75	61,527	62,386	13,352	50,425	8,320	2,585,756	4,683,726
1919 monthly av.	100	100	100	100	49	117	43	67,284	67,922	12,597	55,203	15,836	2,245,883	2,650,772
1920 monthly av.	109	108	85	108	67	136	7	73,601	73,250	10,687	59,469	21,301	2,605,616	419,703
1921 monthly av.	101	99	135	114	63	114	48	67,738	67,342	17,045	62,969	20,011	2,199,492	3,034,176
1922 monthly av.	135	134	84	114	84	115	63	90,546	91,013	10,600	63,077	26,820	2,202,005	3,895,609
1923 monthly av.	156	154	119	152	80	136	66	105,163	104,270	14,948	83,877	25,687	2,602,303	4,138,222
1924 monthly av.						153	97						2,933,282	6,030,605
1921														
September	103	100	135	111	61	138	101	68,983	68,164	17,030	61,207	19,566	2,643,289	6,287,477
October	112	116	106	119	59	178	160	75,481	70,056	13,399	65,708	18,997	3,423,734	9,969,263
November	111	108	115	121	52	153	103	74,537	73,380	14,482	67,055	16,639	2,930,166	6,393,645
December	117	117	110	132	60	133	53	78,599	79,433	13,896	72,660	19,118	2,553,683	3,862,288
1922														
January	121	123	93	123	26	99	(³)	81,418	83,555	11,727	67,701	8,392	1,901,153	4,861,527
February	116	118	76	128	33	105	(³)	78,294	80,476	9,535	70,729	10,718	2,012,090	4,151,403
March	128	129	63	172	45	127	57	85,973	87,572	7,919	95,196	14,465	2,436,349	3,578,849
April	124	122	69	111	98	90	21	83,731	82,924	8,726	61,453	31,428	1,728,754	1,315,876
May	140	140	66	137	115	112	63	94,502	94,812	8,375	75,783	36,827	2,151,584	3,936,176
June	138	138	55	157	118	102	40	92,588	93,901	6,893	86,480	37,620	1,953,603	2,464,101
July	134	126	91	139	93	93	41	90,282	85,447	11,513	77,004	29,694	1,776,785	2,630,761
August	146	144	94	152	91	98	66	98,141	97,764	11,813	84,024	20,187	1,888,302	4,094,401
September	140	136	112	144	101	157	117	94,444	92,210	14,083	79,558	32,313	3,005,156	7,257,399
October	145	143	112	148	82	225	188	97,467	97,362	14,085	81,552	26,270	4,320,575	11,728,536
November	144	142	118	171	70	218	149	97,148	96,232	14,913	94,532	22,453	4,182,245	9,249,154
December	138	147	61	155	164	168	40	92,563	99,002	7,623	85,506	52,472	3,227,123	2,501,974
1923														
January	148	139	92	150	31	135	11	99,342	94,585	11,614	82,789	9,840	2,595,848	695,415
February	136	134	85	153	42	104	(³)	91,686	90,795	10,741	84,395	13,311	1,997,768	4,192,159
March	159	155	101	206	62	125	32	107,227	105,376	12,677	113,450	19,954	2,404,896	1,963,713
April	151	150	98	142	96	120	66	101,654	101,805	12,357	78,378	30,843	2,452,829	4,111,566
May	168	162	108	179	127	144	68	111,486	110,196	13,610	98,901	40,697	2,754,693	4,236,288
June	161	160	107	168	158	137	67	108,514	108,591	13,853	92,852	50,674	2,624,218	4,167,074
July	156	152	118	168	96	103	67	104,932	103,545	14,927	92,959	30,842	2,074,722	4,195,732
August	169	166	124	189	86	101	82	113,584	112,818	15,631	104,568	27,488	1,930,355	5,106,032
September	152	146	148	165	73	146	110	102,486	99,118	18,670	90,930	23,382	2,811,878	6,841,799
October	170	166	160	182	94	233	232	114,475	112,996	20,123	100,722	30,078	4,479,787	14,448,533
November	165	163	159	187	49	238	201	110,839	110,736	20,047	103,195	15,632	4,569,783	12,535,742
December	142	148	120	172	67	204	131	95,726	100,624	15,123	94,824	21,507	3,923,709	8,156,484
1924														
January	163	159	131	170	20	129	28	109,875	107,966	16,493	93,708	6,538	2,473,895	1,771,445
February	166	162	144	180	66	129	24	111,664	109,901	18,195	99,621	21,249	2,481,524	1,472,878
March	167	164	154	231	36	139	86	112,538	111,262	19,388	127,583	11,584	2,665,992	5,323,691
April	172	168	167	291	94	118	56	115,572	113,931	20,983	160,745	30,199	2,267,328	3,455,058
May	175	173	165	195	103			117,833	117,651	20,734	107,784	32,967		
June	160	167	122	173	82			107,667	113,212	15,336	95,717	26,185		
July					74							23,818		
August														
September														
October														
November														
December														

¹ Production, shipments, and mill stocks of newsprint, comprising practically total production of Canada, furnished by the News Print Service Bureau; exports of newsprint paper and railroad operations compiled by Canadian Department of Trade and Commerce; building contracts from McLean Building Reports (Ltd.).

² Annual figures cover all railroads in Canada, averaged for the fiscal period ending March 31 of the year indicated; monthly reports cover all railroads with annual operating revenues of \$500,000 or over, which include 98 per cent of the total revenues of all roads.

³ Deficit.

Table 178.—RETAIL SALES¹

[Base year in bold-faced type]

YEAR AND MONTH	RESTAURANT SALES			INTERNAL-REVENUE TAX COLLECTIONS ON SALES					RESTAURANT SALES				INTERNAL-REVENUE TAX COLLECTIONS ON SALES				
	Total, 2 chains	Childs Co. ²	Waldorf System, Inc.	Fire-arms and shells ³	Jew-elry, watch-es, and clocks ⁴	Thea-ter admis-sions ⁵	Cap-ital issues, and con-vey-ances ⁶	Cap-ital stock trans-fers ⁷	Total, 2 chains		Childs Co. ¹	Waldorf System, Inc.	Fire-arms and shells ³	Jew-elry, watch-es, and clocks ⁴	Thea-ter admis-sions ⁵	Cap-ital issues, and con-vey-ances ⁶	Cap-ital stock trans-fers ⁷
									Stores oper-ated	Sales								Number	Thousands of dollars
	Rel. to 1920	Rel. to 1913	Rel. to 1920	Relative to 1919					NUMERICAL DATA								
RELATIVE NUMBERS								NUMERICAL DATA									
1918 mo. av.....		² 173								¹ \$1,228							
1919 mo. av.....		195		⁸ 100	100	100	100	100		1,384		⁹ \$320	1,198	5,408	3,578	1,018	
1920 mo. av.....	100	257	100	137	187	134	142	81	160	\$2,618	1,828	\$790	440	2,239	7,247	5,102	820
1921 mo. av.....	99	250	104	84	149	127	112	70	175	2,594	1,774	820	268	1,782	6,892	4,022	715
1922 mo. av.....	105	283	122	100	131	104	91	81	189	2,744	1,864	964	320	1,696	5,603	3,257	823
1923 mo. av.....	116	273	140	134	162	115	107	71	206	3,036	1,933	1,103	363	1,825	6,238	3,826	721
1922																	
January.....	102	245	116	70	302	119	99	76	185	2,660	1,742	918	224	3,614	6,453	3,533	771
February.....	92	223	104	31	222	108	78	68	185	2,402	1,584	818	98	2,665	5,867	2,802	694
March.....	103	250	117	46	103	116	91	85	185	2,704	1,776	928	149	1,231	6,285	3,258	664
April.....	100	243	114	48	90	101	87	84	185	2,630	1,726	904	164	1,074	5,439	3,099	850
May.....	104	244	124	94	104	108	95	112	187	2,714	1,732	982	300	1,240	5,818	3,399	1,141
June.....	100	236	119	120	110	103	94	107	188	2,614	1,673	941	335	1,318	5,547	3,356	1,097
July.....	101	240	119	81	107	85	92	88	188	2,640	1,704	942	259	1,277	4,621	3,307	898
August.....	108	261	123	183	102	87	84	64	189	2,825	1,854	971	588	1,223	4,710	3,013	649
September.....	111	265	129	67	91	89	84	62	192	2,902	1,880	1,022	214	1,085	4,789	3,001	632
October.....	114	270	134	174	101	100	90	78	193	2,976	1,918	1,058	558	1,211	5,396	3,237	798
November.....	109	258	130	199	111	101	93	92	195	2,859	1,831	1,028	639	1,327	5,485	3,340	932
December.....	115	274	134	85	128	126	104	75	197	3,001	1,946	1,055	272	1,529	6,825	3,734	762
1923																	
January.....	113	268	135	81	358	125	135	78	199	2,971	1,905	1,066	261	4,235	6,766	4,831	794
February.....	103	242	124	61	215	109	103	86	200	2,696	1,716	980	197	2,670	5,877	3,700	879
March.....	119	279	143	88	113	124	110	86	201	3,167	1,990	1,187	281	1,352	6,700	3,922	876
April.....	113	265	136	68	115	112	116	104	202	3,016	1,883	1,133	218	1,381	6,051	4,145	1,063
May.....	117	271	146	121	122	122	119	74	203	3,076	1,923	1,153	388	1,467	6,582	4,247	758
June.....	112	259	139	142	133	117	115	82	205	2,939	1,841	1,098	456	1,591	6,344	4,121	831
July.....	113	261	140	194	129	95	107	66	208	2,955	1,852	1,103	622	1,550	5,141	3,842	672
August.....	121	288	144	108	129	103	96	48	209	3,178	2,042	1,136	347	1,546	5,561	3,425	484
September.....	120	284	143	161	97	91	87	43	209	3,142	2,014	1,128	516	1,162	4,933	3,130	435
October.....	122	287	147	71	137	129	100	51	209	3,201	2,040	1,161	227	1,643	7,000	3,565	615
November.....	115	270	138	157	138	127	95	55	209	3,006	1,918	1,089	502	1,653	6,849	3,413	589
December.....	122	293	148	76	142	130	100	77	214	3,194	2,079	1,115	243	1,700	7,018	3,567	788
1924																	
January.....	117	277	139	46	413	140	117	88	215	3,062	1,967	1,095	147	4,912	7,577	4,173	895
February.....	111	257	138	28	223	125	98	89	216	2,918	1,827	1,091	89	2,675	6,739	3,517	906
March.....	117	273	142	40	114	128	104	76	219	3,062	1,939	1,123	128	1,360	6,921	3,718	770
April.....	113	266	136	49	124	132	108	69	219	2,962	1,887	1,075	158	1,491	7,163	3,850	763
May.....	116	267	144	39	125	122	107	66	221	3,031	1,896	1,135	136	1,560	6,572	3,815	674
June.....	109	256	132						221	2,866	1,820	1,046					
July.....																	
August.....																	
September.....																	
October.....																	
November.....																	
December.....																	

¹ Data on restaurant sales from Childs Co. and Waldorf System, Inc.; tax collections from Bureau of Internal Revenue, Treasury Department.
² The base year, 1913, showed a monthly average of \$710,000; monthly averages for intervening years may be found in the October issue (No. 26), pages 58 and 59.
³ Taxable at 10 per cent of selling price, excluding sales to Federal Government or political subdivisions. (Acts of 1918 and 1921 identical on this item.)
⁴ Taxable at 5 per cent on selling price of both real and imitation jewelry. (Acts of 1918 and 1921 identical on this item.)
⁵ Includes cabarets and concerts. The rate of tax under the act of 1921 (represented by data for 1922) is "1 cent for each 10 cents or fraction thereof of the amount paid for admission," payable by the person paying such admission, except "where the amount paid for admission is 10 cents or less, no tax shall be paid." The act of 1918 provided for the same rate of taxation but allowed no exceptions and, hence, the data from January, 1922, forward are not quite as comprehensive as the earlier data. However, the variance is not such as will prohibit comparison.
⁶ New issues of bonds of indebtedness, including renewals taxable at 5 cents per \$100 or fraction thereof; capital stock issues taxable at same rate, except where certificates have no par value taxed at the rate of 5 cents per share, but if actual value is more than \$100, 5 cents per \$100 or fraction thereof and where under \$100 at the rate of 1 cent per \$20 or fraction thereof. (Under the Revenue Act of 1918 no-par issues were taxable at 5 cents per \$100 or fraction thereof. Otherwise the acts of 1918 and 1921 are practically identical.) Conveyances evidencing the transfer of land or realty are taxable at 50 cents per \$500 or fraction of the consideration thereof, exclusive of the value of any lien or encumbrance on the property.
⁷ All sales or agreements to sell capital stock are taxable at 2 cents per \$100 share or fraction thereof, or where shares are without par value, at 2 cents per share. (Under the Revenue Act of 1918 transfers of no-par stock with actual value in excess of \$100 were taxed at 2 cents per share of \$100 actual value or fraction thereof.)
⁸ Six months' average, July to December, inclusive.

SOURCES OF DATA

SOURCE	DATA	CURRENT PUBLICATION ¹	DATE OF PUBLICATION
I.—REPORTS FROM GOVERNMENT DEPARTMENTS, FEDERAL, STATE, AND FOREIGN			
ARGENTINE MINISTER OF AGRICULTURE	Cereal exports from Argentina	Estadística Agro-Pecuaría	Monthly.
AUSTRALIAN COMMONWEALTH'S BUREAU OF CENSUS AND STATISTICS.	Price index for Australia	Federal Reserve Bulletin	Second week of month.
BANK OF JAPAN	Price index for Japan	Federal Reserve Bulletin	Second week of month.
BRITISH BOARD OF TRADE	Price index for United Kingdom	British Board of Trade Journal	Monthly.
CANADIAN DEPARTMENT OF LABOR	Price index for Canada	Labour Gazette (Canadian)	Monthly.
	Employment in Canadian trade-unions	Labour Gazette (Canadian)	Semimonthly.
	Operations of Canadian employment service	Labour Gazette (Canadian)	Semimonthly.
CANADIAN DEPARTMENT OF TRADE AND COMMERCE.	Foreign trade of Canada	Foreign trade of Canada	Monthly.
	Canadian railroad operations	Operating Revenues, etc., of Railways *	Monthly.
	Canadian iron and steel production	Press releases *	Not published.
FEDERAL FARM LOAN BOARD	Agricultural loans by land banks	Not published.	Monthly.
FEDERAL RESERVE BANK OF ATLANTA	Wholesale trade	Business Conditions	Monthly.
FEDERAL RESERVE BANK OF BOSTON	Savings deposits in First Fed. Res. Dist.	Monthly Review	Monthly.
FEDERAL RESERVE BANK OF CHICAGO	Savings deposits in Seventh Fed. Res. Dist.	Business Conditions	Monthly.
	Agricultural pumps	Business Conditions	Monthly.
FEDERAL RESERVE BANK OF CLEVELAND.	Savings deposits in Fourth Fed. Res. Dist.	Business Review	Monthly.
FEDERAL RESERVE BANK OF DALLAS	Wholesale trade	Business Conditions	Monthly.
FEDERAL RESERVE BANK OF KANSAS CITY.	Wholesale trade	Business Conditions	Monthly.
FEDERAL RESERVE BANK OF MINNEAPOLIS.	Retail sales of lumber by rural yards	Business Conditions	Monthly.
FEDERAL RESERVE BANK OF NEW YORK.	Foreign exchange rates and index	Fed. Res. Bull. and daily statement *	Daily and monthly.
FEDERAL RESERVE BANK OF PHILADELPHIA.	Savings deposits in Second Fed. Res. Dist.	Monthly Review	Monthly.
FEDERAL RESERVE BANK OF RICHMOND.	Savings deposits in Third Fed. Res. Dist.	Business and Financial Conditions	Monthly.
FEDERAL RESERVE BANK OF SAN FRANCISCO.	Wholesale trade	Business and Financial Conditions	Monthly.
	Savings deposits in Fifth Fed. Res. Dist.	Business and Agricultural Conditions	Monthly.
	Wholesale trade	Business and Agricultural Conditions	Monthly.
FEDERAL RESERVE BOARD	Savings deposits in Twelfth Fed. Res. Dist.	Business Conditions	Monthly.
	Wholesale trade	Business Conditions	Monthly.
	Automobile registrations	Business Conditions	Monthly.
	Foreign exchange index numbers	Federal Reserve Bulletin	Monthly (second week of month).
	Debits to individual accounts	Fed. Res. Bull. and weekly press releases *	Sunday papers and monthly.
	Condition of Federal reserve banks	Fed. Res. Bull. and weekly press releases *	Fri. morning papers and monthly.
	Condition of reporting member banks	Fed. Res. Bull. and weekly press releases *	Fri. afternoon papers and monthly.
	Money held outside U. S. Treasury and Federal reserve system to July 1, 1922.	Federal Reserve Bulletin	Monthly.
	Wholesale price index numbers	Federal Reserve Bulletin	Monthly.
	Department store trade; in cooperation with National Retail Dry Goods Association.	Federal Reserve Bulletin	Monthly.
	Index numbers of department store, mail-order, and chain-store trade.	Federal Reserve Bulletin	Monthly.
	Barley and rye receipts	Federal Reserve Bulletin	Monthly.
	Sales of loose leaf tobacco	Federal Reserve Bulletin	Monthly.
	Index of ocean freight rates	Federal Reserve Bulletin	Monthly.
	Index numbers of production	Federal Reserve Bulletin	Monthly.
	Wholesale trade	Federal Reserve Bulletin	Monthly.
FRENCH MINISTRY OF LABOR AND SOCIAL WELFARE.	Price index for France	Bulletin de la Satisque Generale	Monthly.
ILLINOIS DEPARTMENT OF LABOR	Employment in Illinois	The Employment Bulletin	Monthly.
INDIAN DEPARTMENT OF STATISTICS	Price index for India	Federal Reserve Bulletin	Second week of month.
INTERSTATE COMMERCE COMMISSION	Railway revenues and expenses	Preliminary statement Class I roads	Monthly.
	Telephone operating revenue and income	Operations of large telephone companies	Monthly.
	Telegraph operations and income	Not published.	Not published.
	Express operations and income	Not published.	Not published.
MASSACHUSETTS DEPARTMENT OF LABOR AND INDUSTRIES.	Massachusetts employment	Monthly statement *	Monthly.
MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES.	Milk receipts at Boston	Not published.	Not published.
NEW YORK STATE DEPARTMENT OF LABOR.	New York State factory employment and earnings.	Labor Market Bulletin and press releases *	Monthly.
NEW YORK STATE DEPARTMENT OF PUBLIC WORKS.	New York State canal traffic	Annual report	Yearly.
PANAMA CANAL	Panama Canal traffic	The Panama Canal Record	Last weekly issue of month.
PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY.	Unemployment in Pennsylvania	Semimonthly report *	Semimonthly.
U. S. CIVIL SERVICE COMMISSION	Government employment	Not published.	Not published.
U. S. DEPARTMENT OF AGRICULTURE: BUREAU OF ANIMAL INDUSTRY.	Beef, pork, and lamb production	Crops and Markets	Monthly supplement.
U. S. DEPARTMENT OF AGRICULTURE: BUREAU OF AGRICULTURAL ECONOMICS.	Prices of farm products to producers	Crops and Markets	Monthly supplement.
	Wool stocks in dealers' hands	Crops and Markets	Monthly supplement.
	Crop production	Crops and Markets and press releases *	Releases about 1st of month (cotton) and 10th (other crops).
	Cold-storage holdings and fish frozen	Crops and Markets	Monthly supplement.
	Movement of cattle, hogs, and sheep	Crops and Markets	Monthly supplement.
	Receipts of butter, cheese, eggs, and poultry	Crops and Markets	Weekly.
	Production of dairy products	Crops and Markets	Quarterly.
	Car lot shipments of fruits and vegetables	Crops and Markets	Monthly supplement.
	Farm labor, wages, supply, etc.	Crops and Markets	Monthly supplement.
	World crop production	Foreign crops and markets *	Weekly.
	Livestock on farms	Crops and Markets	Annually.
	Total lumber production from 1913 to 1920	Production of Lumber, Lath, and Shingles.	Yearly.
	Wood pulp production, 1914 and 1916	Pulp Wood Consumption and Wood-Pulp Production.	Yearly.
FOREST SERVICE.	Cotton ginned	Preliminary report on ginnings *	Semimonthly during season.
U. S. DEPARTMENT OF COMMERCE: BUREAU OF THE CENSUS.	Cotton consumed and on hand	Preliminary report on cotton consumed	15th of month.
	Active textile machinery	Wool machinery and cotton spindles *	20th of month.
	Leather, hides, shoes, production and stocks	Census of hides, skins, and leather *	First week of month.
	Cottonseed and cottonseed oil	Preliminary report on cottonseed *	15th of month.
	Hosiery statistics	Press release *	30th of month.
	Men's and boys' clothing	Press release *	30th of month.
	Malleable castings	Press release *	30th of month.
	Wheat flour production from May, 1923	Press release *	30th of month.
	Pyroxylin coated textiles	Press release *	30th of month.
	Stokers, sales from January, 1923	Press release *	29th of month.
	Stocks of tobacco held	Statement on stocks of leaf tobacco	One month after end of quarter.
	Wool consumption	Press release *	30th of month.
	Wool stocks	Press release *	One month after end of quarter.
	Work clothing	Press release *	30th of month.
	Floor and wall tile	Press release *	30th of month.
	Enameled sanitary ware	Press release *	30th of month.

* Multigraphed or mimeographed sheets.

¹ This is not necessarily the source of the figures published in the SURVEY, as many of them are obtained direct from the compilers prior to publication in the respective journals. This column and the right-hand column have been added to assist readers in obtaining current statistics between publication dates of the SURVEY.

SOURCES OF DATA—Continued

SOURCE	DATA	CURRENT PUBLICATION	DATE OF PUBLICATION
I.—REPORTS FROM GOVERNMENT DEPARTMENTS, FEDERAL, STATE, AND FOREIGN—Continued			
U. S. DEPARTMENT OF COMMERCE: BUREAU OF THE CENSUS (Con.)	Produc. indexes of raw materials and manfrs. Fats and oils, production, consumption, and stocks. Fabricated struc. steel sales from Apr., 1922. Automobile production from July, 1921. Wood chemical operations. Steel castings sales. Steel furniture shipments. Locomotive shipments and unfilled orders. Earnings of public utilities. Plumbing goods price index. Architectural terra cotta. Fish catch at principal fishing ports. All imports and exports. Fuel loaded for consumption by vessels at principal clearing ports. Tonnage of vessels, entered and cleared in United States foreign trade. Data on trade, employment and coal and iron production of foreign countries. Wholesale price of wool. Warehouse stocks of rice. Vessels under construction completed, and lost. Building material price indexes. Wheat flour production, prior to July, 1920.	Survey of Current Business. Statistics of fats and oils * Press release * Survey of Current Business. Press release * Press release * Monthly statement. Monthly Sum. Foreign Commerce (Pt. I) * Not published. Monthly Sum. Foreign Commerce (Pt. II) * Various foreign sources. Wholesale Prices. Mon. 3 um. Foreign Commerce (Pt. II) * Commerce Reports. Not published. No longer published.	Monthly. Quarterly (one month after end of quarter). 15th of month. 20th of month. 30th of month. 20th of month. 20th of month. 10th of month. Monthly. 10th of month. 15th of month. Last week of month. Middle of next month. Yearly. Monthly. First weekly issue of month (Monday). Second week of month. Monthly. 20th of month. Second or third weekly issue of mo. 25th of month. End of month. End of month. Annually. Monthly. First week of month. Every 4 or 5 weeks. Monthly. Wholesale Prices of Commodities. Monthly Labor Review. Monthly Labor Review. Monthly Labor Review. Postal Savings News Bulletin. Statement of Postal Receipts * Not published. Daily Statement of the U. S. Treasury. Circulation of money. Not published. Not published. Statement of tax-paid products * Classified collections of Internal Revenue. Monthly statistical report. Monthly statistical report. Not published. Not published in form used. Bulletin on Wisconsin labor market *.
BUREAU OF FISHERIES. BUREAU OF FOREIGN AND DOMESTIC COMMERCE.	Refined petroleum products, production, etc. Explosives, production, shipments, etc. Portland cement, production, etc. Coal and coke production. Crude petroleum, production, etc. Electric power production. Consumption of fuel by public utility plants. Figures on nonferrous metal production. Patents granted. Visitors to National Parks.	Refinery statistics * Explosive statistics * Report on Portland cement output * Weekly report on production of coal * Preliminary statistics on petroleum * Production of electric power * Production of electric power * Mineral Resources. Not published. Not published.	Second week of month. Monthly. 20th of month. Second or third weekly issue of mo. 25th of month. End of month. End of month. Annually. Monthly.
BUREAU OF NAVIGATION. BUREAU OF STANDARDS. U. S. GRAIN CORPORATION. U. S. DEPARTMENT OF THE INTERIOR: BUREAU OF MINES.	Number on pay roll—United States factories. Employment agency operations.	Industrial Survey * Report of Activities of State and Municipal Employment Agencies. Not published.	First week of month. Every 4 or 5 weeks.
BUREAU OF IMMIGRATION. BUREAU OF LABOR STATISTICS.	Immigration and emigration statistics. Wholesale prices of commodities, including farm products, food, clothing, metals, etc. Wholesale price index. Retail price index of foods. Retail coal prices. United States postal savings. Postal receipts. Passports issued. Government debt, receipts and disbursements. Money in circulation from July 1, 1922. Domestic receipts of gold at mint. Oleomargarine production. Consumption of manufactured tobacco, snuff, cigars, cigarettes, and oleomargarine. Internal Revenue taxes on specified articles.	Wholesale Prices of Commodities. Monthly Labor Review. Monthly Labor Review. Monthly Labor Review. Postal Savings News Bulletin. Statement of Postal Receipts * Not published. Daily Statement of the U. S. Treasury. Circulation of money. Not published. Not published. Statement of tax-paid products * Classified collections of Internal Revenue.	Monthly. Monthly. Monthly. 12th of month. 7th of month. 10th of month. Last day of month. Monthly. First week of month. 25th of month.
U. S. PATENT OFFICE. DIVISION OF NATIONAL PARKS. U. S. DEPARTMENT OF LABOR: EMPLOYMENT SERVICE.	Iron ore movement. Sault Ste. Marie Canal traffic. Ohio River cargo traffic. Barge traffic on Mississippi River. Agricultural loans. Wisconsin factory earnings and employment.	Monthly statistical report. Monthly statistical report. Not published. Not published in form used. Bulletin on Wisconsin labor market *.	Monthly during season. Monthly during season. Monthly. 15th of month.
MISSISSIPPI WARRIOR SERVICE. WAR FINANCE CORPORATION. WISCONSIN INDUSTRIAL COMMISSION.			
II.—REPORTS FROM TRADE ASSOCIATIONS AND PRIVATE ORGANIZATIONS (Excluding individual firms reporting data to be combined with other firms or trade associations)			
ABERTHAW CONSTRUCTION CO. ABRASIVE PAPER AND CLOTH MANUFACTURERS' EXCHANGE. ASSOCIATED CORN PRODUCTS MANUFACTURERS. AMERICAN BUREAU OF METAL STATISTICS. AMERICAN FACE BRICK ASSOCIATION. AMERICAN NEWSPAPER PUBLISHERS' ASSOCIATION. AMERICAN IRON AND STEEL INSTITUTE. AMERICAN PETROLEUM INSTITUTE. AMERICAN PIG IRON ASSOCIATION. AMERICAN RAILWAY ASSOCIATION (Car Service Division). AMERICAN TELEPHONE AND TELEGRAPH CO. AMERICAN WALNUT MANUFACTURERS' ASSOCIATION. AMERICAN WASHING MACHINE MANUFACTURERS' ASSOCIATION. AMERICAN WRITING PAPER COMPANY. AMERICAN ZINC INSTITUTE. ANTHRACITE BUREAU OF INFORMATION. ASSOCIATED KNIT UNDERWEAR MANUFACTURERS' ASSOCIATION. ASSOCIATION OF LIFE INSURANCE PRESIDENTS. AUTOMOBILE MANUFACTURERS' ASSOCIATION. BOSTON, CAPE COD AND NEW YORK CANAL CO.	Building costs. Sale of abrasive paper and cloth. Corn ground into starch, glucose, etc. Copper, silver, and lead production. Zinc production in Belgium. Zinc stocks in United Kingdom. Face brick production, stocks, etc. Stocks of newsprint paper. Steel ingot production. Gasoline and kerosene consumption. Merchant pig iron production, etc. Freight car surplus and shortage. Car loadings and bad-order cars. Stockholders in the company. Walnut lumber and logs. Washing machine sales. Purchases and sales of paper. Produc. and stocks zinc, retorts operating. Anthracite shipments and stocks. Knit underwear production. New life insurance business. Premium collections. Distribution of assets. Automobile accessory sales. Cape Cod Canal traffic.	Construction trade papers. Not published. Not published. Not published. Not published. Trends in the Face Brick Industry. Monthly report. Press release to trade papers * Bulletin. Not published. Car Surpluses and Shortages * Information Bulletin * Financial papers. Not published. Not published. Not published. Press release to trade papers * Statement of anthracite shipments * Monthly report * Not published. Not published. Not published. No longer published. Not published.	Monthly. Monthly. 7th of month. Monthly. Monthly. Weekly. Weekly. Third week of month. Quarterly. 13th of month. 15th of month. Monthly. Monthly.

* Multigraphed or mimeographed sheets.

1 Imports and exports of gold and silver in Part II.

SOURCES OF DATA—Continued

SOURCE	DATA	CURRENT PUBLICATION	DATE OF PUBLICATION
II.—REPORTS FROM TRADE ASSOCIATIONS AND PRIVATE ORGANIZATIONS—Continued (Excluding individual firms reporting data to be combined with other firms or trade associations)			
BOSTON CHAMBER OF COMMERCE.....	Receipts of wool at Boston.....	Trade papers.....	Daily.
BRIDGE BUILDERS AND STRUCTURAL SOCIETY.	Fabricated structural steel sales before April, 1922.	No longer published.....	
BUREAU OF RAILWAY ECONOMICS.....	Number of tons carried 1 mile.....	Summary of operating statistics.....	Monthly.
	Average receipts per ton-mile.....	Not published.....	
	Passengers carried 1 mile.....	Summary of operating statistics.....	Monthly.
	Railway employment.....	Not published.....	
	Locomotives in bad order.....	Not published.....	
	Per cent of earnings on valuation.....	Not published.....	
	Redwood lumber production, etc.....	Not published.....	
	Sugar pine lumber production, etc.....	Not published.....	
CALIFORNIA REDWOOD ASSOCIATION..			
CALIFORNIA WHITE AND SUGAR PINE ASSOCIATION.			
CHICAGO BOARD OF TRADE.....	Wheat, corn and oats, receipts, etc.....	Trade papers.....	Daily.
CHILDS CO.....	Restaurant sales.....	Monthly report.....	Monthly.
CLEVELAND TRUST CO.....	Automobile production, monthly, January, 1920, to June, 1921.	Not published currently.....	
COMPAGNIE UNIVERSELLE DU CANAL MARITIME DE SUEZ.	Suez Canal traffic.....	Le Canal de Suez.....	5th, 15th, and 25th of month.
CONTAINER CLUB.....	Production of paper box board through April, 1923.	Not published.....	
CREDIT CLEARING HOUSE.....	Credit conditions.....	Credit.....	Weekly.
DAIRYMEN'S LEAGUE COOPERATIVE ASSOCIATION, INC.	Milk deliveries to milk plants.....	Not published.....	
E. W. DODGE CORP.....	Building statistics—Contracts awarded.	Statement on Building Statistics.....	Monthly.
EMPLOYERS' ASSOCIATION OF DETROIT.	Detroit factory employment.....	Weekly press release.....	
ENAMELED SANITARY MANUFACTURERS' ASSOCIATION.	Enameled sanitary ware.....	Not published.....	
FEDERATION OF IRON AND STEEL MANUFACTURERS (British).	British iron and steel production.....	Trade papers.....	Second week of month
FELT MANUFACTURERS ASSOCIATION..	Roofing felt production, stocks, etc.....	Not published.....	
FINE COTTON GOODS EXCHANGE.....	Fine cotton goods production and sales.....	Trade papers.....	
FIRE EXTINGUISHER EXCHANGE.....	Shipments of fire extinguishers.....	Not published.....	
FOUNDRY EQUIPMENT MANUFACTURERS' ASSOCIATION.	Foundry equipment production.....		Monthly.
HARDWOOD MANFRS. INSTITUTE.....	Stocks and unfilled orders hardwood lumber..	Monthly report.....	
HAYFARDS, G. M., & CO.....	Fall River Mill dividends.....	Bradstreets.....	Quarterly.
HYDRAULIC SOCIETY.....	Hydraulic machinery shipments, etc.....	Not published.....	
ILLUMINATING GLASSWARE GUILD.....	Illuminating glassware production, orders, etc.	Not published.....	
IOWA-NEBRASKA CANNERS' ASSOCN..	Unsold stock of sweet corn.....	Weekly report *.....	Weekly.
JACKSONVILLE CHAMBER OF COMMERCE	Turpentine and rosin receipts.....	Naval Stores Review.....	Weekly.
JONES BROS. TEA CO.....	Sales.....	Financial papers.....	Monthly.
LAKE SUPERIOR IRON ORE ASSOCN..	Consump., stocks, and shipments, iron ore..	Monthly report*.....	
LEATHER BRITING EXCHANGE.....	Sales of leather belting.....	Monthly report (not published).....	
LIFE INSURANCE SALES RESEARCH BUREAU.	Life insurance sales.....	Monthly release.....	18th of month.
MAPLE FLOORING MANFRS. ASSOCN..	Maple flooring production, etc.....	Not published.....	
MCLEAN BUILDING REPORTS, LTD.....	Canadian building contracts.....	Canadian Building Review.....	Monthly.
MERCHANTS' EXCHANGE OF ST. LOUIS.	Receipts and shipments of lead and zinc.....	Receipts and shipments at St. Louis.....	3d of month.
	Mississippi River traffic.....	Not published.....	
	Hardwood and softwood lumber, production and shipments.	Not published.....	
	Linseed oil and oil-cake shipments.....	Monthly statements.....	
MICHIGAN HARDWOOD MANUFACTURERS' ASSOCIATION.	Unfilled orders and shipments of furniture.....	Not published in form used.....	
MINNEAPOLIS CHAMBER OF COMMERCE.	Brass faucets, orders and shipments.....	Not published.....	
NATIONAL ALLIANCE OF CASE GOODS ASSOCIATION.	Button stocks, activity, etc.....	Weekly report.....	Weekly.
NATIONAL ASSOCIATION OF BRASS MANUFACTURERS.	Chair shipments and unfilled orders.....	Not published in form used.....	
NATIONAL ASSOCIATION OF BUTTON MANUFACTURERS.	Production of paper box board through April, 1923.	Not published.....	
NATIONAL ASSOCIATION OF CHAIR MANUFACTURERS.	Agricultural pumps.....	Business conditions (Chicago Federal Reserve). Not published.....	Monthly.
NATIONAL ASSOCIATION OF CORRUGATED AND FIBER BOX MANFRS.	Finished cotton goods, billings, orders, shipments, and stocks.	Not published.....	
NATIONAL ASSOCIATION OF FARM EQUIPMENT MANUFACTURERS.	Hat production, etc., and stocks of fur.....	Not published.....	
NATIONAL ASSOCIATION OF FINISHERS OF COTTON FABRICS.	Production, shipments, and unfilled orders of piano benches and stools.	Not published.....	
NATIONAL ASSOCIATION OF HAT MANUFACTURERS.	Steel furniture shipments.....	Not published.....	
NATIONAL ASSOCIATION OF PIANO BENCH AND STOOL MANUFACTURERS.	Sheet-metal production and stocks.....	Not published.....	
NATIONAL ASSOCIATION OF STEEL FURNITURE MANUFACTURERS.	1913 figures for active textile machinery.....	No longer published.....	
NATIONAL ASSOCIATION OF SHEET AND TIN PLATE MANUFACTURERS.	Production and shipments of passenger cars and trucks.	Traffic bulletin* (production figures not published). Not published.....	Second week of month.
NATIONAL ASSOCIATION OF WOOL MANUFACTURERS.	Glass bottle production index.....	Not published.....	
NATIONAL AUTOMOBILE CHAMBER OF COMMERCE.	Production of paper box board since April, 1923	Not published.....	
NATIONAL BOTTLE MANFRS. ASSOCN..	Credit conditions.....	Not published.....	
NATIONAL CONTAINER ASSOCIATION.....	Cast of living.....	Monthly press release.....	21st of month.
NATIONAL ELECTRICAL CREDIT ASSOCIATION.	Machine-tool orders, etc.....	Not published.....	
NAT. INDUS. CONFERENCE BOARD.....	Paving-brick production, etc.....	Monthly report.....	
NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION.			
NATIONAL PAVING BRICK MANUFACTURERS' ASSOCIATION.			
NATIONAL RETAIL DRY GOODS ASSO..	Department store trade (see Fed. Res. Bd.)	Federal Reserve Bulletin.....	Monthly.
NATIONAL WOOD CHEMICAL ASSO.....	Production of wood alcohol and acetate of lime.	Not published.....	
NEW ORLEANS BOARD OF TRADE.....	Rice distribution through New Orleans.....	Monthly report.....	First week of month.
NEW ORLEANS COTTON EXCHANGE.....	Cotton receipts into sight.....	Monthly report.....	First week of month.
NEWS PRINT SERVICE BUREAU.....	Canadian newsprint production, etc.....	Monthly bulletin.....	
	United States newsprint data since June, 1923.	Monthly bulletin.....	
	Coffee receipts, stocks, etc.....	Monthly statement.....	
NEW YORK COFFEE AND SUGAR EX..	Stocks of tin.....	Trade papers.....	First week of month.
NEW YORK METAL EXCHANGE.....	Indexes of stock and bond prices.....	The Index.....	First week of month.
NEW YORK TRUST COMPANY.....	North Carolina pine, production, etc.....	Not published.....	Monthly.
NORTH CAROLINA PINE ASSOCIATION.	Hemlock and hardwood lumber production, etc.	Not published.....	
NORTHERN HEMLOCK AND HARDWOOD MANUFACTURERS' ASSOCIATION.	Northern pine lumber and lath.....	Not published.....	
NORTHERN PINE MANFRS. ASSOCN..	Oak flooring, production, etc.....	Not published.....	
OAK FLOORING MANFRS. ASSOCN.....			

* Multigraphed or mimeographed sheets.

SOURCES OF DATA—Continued

SOURCE	DATA	CURRENT PUBLICATION	DATE OF PUBLICATION
II.—REPORTS FROM TRADE ASSOCIATIONS AND PRIVATE ORGANIZATIONS—Continued (Excluding individual firms reporting data to be combined with other firms or trade associations)			
OHIO FOUNDRYMEN'S ASSOCIATION.....	Ohio foundry iron production.....	Monthly report* (not published).....	
OPTICAL MANUFACTURERS' ASSOCN.....	Spectacle frames and mountings, sales, etc.....	Not published.....	
PACIFIC CANNED FISH BROKERS' ASSOCIATION.....	Shipments of canned salmon.....	Not published.....	Monthly.
PENNSYLVANIA RAILROAD CO.....	Stockholders in the company.....	Financial papers.....	Quarterly.
PENSACOLA CHAMBER OF COMMERCE.....	Turpentine and rosin receipts.....	Naval Stores Review.....	Weekly.
PHILADELPHIA MILK EXCHANGE.....	Milk receipts at Philadelphia.....	Not published.....	
PORTLAND CEMENT ASSOCIATION.....	Cement paving contracts.....	Concrete Highway Magazine.....	Monthly.
PREPARED ROOFING MANFBS. ASSOCN.....	Shipments of prepared roofing.....	Not published.....	
PULLMAN COMPANY.....	Pullman passenger traffic.....	Not published.....	
REFRACTORIES MANUFACTURERS' ASSOCIATION.....	Fire-clay brick production, etc.....	Not published.....	
RICE MILLERS' ASSOCIATION.....	Silica brick production, etc.....	Not published.....	
ROPE PAPER SACK MANFBS. ASSOCN.....	Rice receipts, stocks, etc.....	Monthly report.....	
RUBBER ASSOCIATION OF AMERICA.....	Shipments of rope paper sacks.....	Not published.....	
RUBBER GROWERS' ASSOCIATION.....	Automobile tires, tubes, and raw material.....	Monthly reports (not published).....	Monthly.
SALES BOOK MANUFACTURERS' ASSOCIATION.....	Rubber stocks in England.....	Bulletin of Rubber Growers Association.....	
SAVANNAH BOARD OF TRADE.....	Shipments of sales books.....	Not published.....	
SAVINGS BANKS ASSOCIATION OF STATE OF NEW YORK.....	Turpentine and rosin receipts.....	Naval Stores Review.....	Weekly.
SILK ASSOCIATION OF AMERICA.....	Savings banks deposits in New York State.....	Not published.....	
SOUTHERN FURNITURE MANUFACTURERS' ASSOCIATION.....	Raw silk consumption, etc.....	Monthly press release to trade papers*.....	5th of month.
SOUTHERN PINE ASSOCIATION.....	Furniture shipments and unfilled orders.....	Not published in form used.....	
STEEL BARREL MANFBS. ASSOCN.....	Yellow pine production and stocks.....	Not published in form used.....	
STEEL FOUNDERS' SOCIETY.....	Steel barrel shipments, orders, etc.....	Monthly reports* (not published).....	
STOKER MANUFACTURERS' ASSOCN.....	Sales of steel castings.....	Not published.....	
STRUCTURAL STEEL SOCIETY.....	Sales of stokers through December, 1922.....	No longer published.....	
TANNERS' COUNCIL.....	Sales of fabricated structural steel.....	Not published.....	
TUBULAR PLUMBING GOODS ASSOCN.....	Leather production through May, 1922.....	Not published.....	
TWIN CITY MILK PRODUCERS' ASSOCN.....	Tubular plumbing sales.....	Semiweekly reports.....	
U. S. STEEL CORPORATION.....	Milk production, Minnesota.....	Not published.....	10th of month.
	Unfilled orders.....	Press release*.....	Monthly.
	Earnings.....	Press release*.....	Quarterly.
	Stockholders.....	Financial papers.....	Occasionally.
	Wages of common labor.....	Special reports.....	Monthly.
UNITED TYPOTHETAE OF AMERICA.....	Printing activity.....	Typothetae Bulletin.....	
WALDORF SYSTEM, INC.....	Restaurant sales.....	Monthly press release*.....	
WEST COAST LUMBERMEN'S ASSOCN.....	Douglas fir lumber production, etc.....	Not published.....	
WEBBING MANUFACTURERS' EXCH.....	Sales of elastic webbing.....	Not published.....	
WESTERN PINE MANUFACTURERS' ASSOCIATION.....	Western pine lumber production, etc.....	Not published.....	

SOURCE	DATA	DATE OF PUBLICATION
III.—REPORTS FROM TECHNICAL PERIODICALS		
AMERICAN METAL MARKET.....	Composite pig iron and steel prices.....	First or second week of month (daily).
THE ANNALIST.....	New York stock sales.....	First weekly issue of month (Mondays).
	New York closing stock prices.....	Weekly (Mondays).
THE BOND BUYER.....	Foreign exchange rates, 1914 to 1918.....	Weekly (Mondays).
	State and municipal bond issues.....	First weekly issue of month (Saturdays).
BRADSTREET'S.....	Municipal bond yields.....	First weekly issue of month (Saturdays).
	Visible supply of wheat and corn.....	Weekly (Saturdays).
	Bank clearings, United States and Canada.....	First weekly issue of month (Saturdays).
	Wholesale price index.....	Second weekly issue of month (Saturdays).
	Business failures, Canada.....	First weekly issue of month (Saturdays).
BULLETIN DE LA STATISTIQUE GENERALE.....	Price index for France.....	Monthly.
CHEMICAL AND METALLURGICAL ENGINEERING.....	Chemical price index.....	Weekly (Wednesdays).
COAL AGE.....	Mine price of bituminous coal.....	Weekly (Thursdays).
COMMERCIAL AND FINANCIAL CHRONICLE.....	Cotton (visible supply) and interest rates.....	Weekly (Saturdays).
	Mail order and chain store sales.....	Second or third weekly issue of month (Saturdays).
DOW, JONES & CO. (WALL STREET JOURNAL).....	New corporate securities.....	Last issue of month.
	New York bond sales and prices.....	First week of month (daily).
DUN'S REVIEW.....	Mexican petroleum shipments.....	20th of month (daily).
ELECTRICAL WORLD.....	Business failures and wholesale price index.....	First weekly issue of month (Saturdays).
ENGINEERING AND MINING JOURNAL-PRESS.....	Sales of electrical energy, central stations.....	First weekly issue of month (Saturdays).
ENGINEERING NEWS RECORD.....	Rand gold production and silver prices.....	Second weekly issue of month (Saturdays).
FINANCIAL POST.....	Construction cost and volume index.....	First weekly issue of month.
FRANKFURTER ZEITUNG.....	Canadian bond issues.....	Weekly (Thursdays).
HAY TRADE JOURNAL.....	Price index for Germany.....	Monthly.
IRON AGE.....	Hay receipts.....	Weekly (Fridays).
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IRON TRADE REVIEW.....	Composite finished steel price.....	Weekly (Thursdays).
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LONDON ECONOMIST.....	Railway freight car orders.....	First weekly issue of month (Thursdays).
LUMBER.....	Price index for United Kingdom.....	10th of month.
MANUFACTURERS' RECORD.....	Price indices of lumber.....	First weekly issue of month (Fridays).
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MODERN MILLER.....	Milk receipts at Greater New York.....	Monthly.
NAVAL STORES REVIEW.....	Argentine visible supply of wheat and corn.....	Weekly.
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PUBLICATIONS OF THE DEPARTMENT OF COMMERCE

Recent publications of the Department of Commerce having the most direct interest to readers of the *SURVEY OF CURRENT AFFAIRS* are listed below. A complete list may be obtained by addressing the Division of Publications, Department of Commerce, Washington. Copies of the publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington, at the prices stated. If no price is mentioned, the publication is distributed free.

OFFICE OF THE SECRETARY

Property Accounting.—Department Circular No. 204 (Third Edition), June 4, 1924.
Orders and Regulations for Protection of Fisheries of Alaska.—Department Circular No. 251 (tenth edition), June 21, 1924.
Amplified Practice Recommendation No. 1: Paving Bricks (revision).—This pamphlet is a revision of a former one and contains further recommendations of the brick industry toward standardization and elimination of waste.

BUREAU OF THE CENSUS

(Circulars giving plan of publication and distribution of census publications, as the Director of the Census.)

State Compendiums, 1920.—Georgia, 183 pages, price 35¢; Massachusetts, 225 pages, price 40¢; New Hampshire, 80 pages, price 15¢; District of Columbia, 49 pages, price 10¢; Massachusetts, 176 pages, price 30¢. Each compendium contains descriptive statistics of population, agriculture, manufactures, and commerce for the State named. A summary for the United States is also given, with a map showing the centers of population, agricultural products, and manufactures.
Cotton Production in the United States.—Crop Report No. 23. Showing cotton ginned from the crop of 1923, for the United States, the several States, and individual counties, comparative figures for previous years. 37 pages, price 5¢.
Report—Census of Electrical Industries: Telegraphs, 1922.—Statistics of commercial and land telegraph systems, commercial systems, government telegraph and cable lines, and commercial wireless systems. 29 pages, price 5¢.
Preliminary reports.—Statements summarizing statistics for various industries, census of manufactures, 1923; "Assessment of property and tax levies, 1922"; "Taxes, 1922"; "Public debt of Federal, State, city, and all local governments, 1922"; "Estimated value of national wealth, 1922." Statistics of production for a number of industries are issued monthly.

BUREAU OF FOREIGN AND DOMESTIC COMMERCE

Monthly Summary of Foreign Commerce of the United States, 1924.—Parts I and II. Owing to the advanced cost of printing it has been necessary to advance the subscription price of the Monthly Summary from \$1 to \$1.25 a year. The single-copy price of Part I will be 10¢, and of Part II, 5¢.
Commerce Reports.—A weekly survey of foreign trade, summaries of world conditions, and articles on situational commodities in foreign countries. Quarto, 72 pages. 10 cents per copy; \$3 per year (\$5 for foreign).
Trade and Economic Reviews, 1923.—These reviews are based on annual reports of trade and industries submitted by foreign consular officers. The following have been issued since the July announcement: No. 8, Sweden; No. 9, British India; No. 10, United Kingdom; Bradford.
Wool, Leather, and Hides in Great Britain, by Norman American trade commissioner. Special Agents Series No. 26; 201 pages.
Importation of Samples and Advertising Matter to Latin America and the West Indies, prepared in the Division of Foreign Tariffs.—Trade Information Bulletin No. 250; 54 pages.
Marketing Canadian Wheat, by Theo. D. Hammatt, special agent.—Trade Information Bulletin No. 251; 123 pages. In this bulletin, which is No. 8 of the survey of world trade in agricultural products, the Canadian method of marketing is described in detail.
World Trade in Chromite, by H. M. Hoar.—Trade Information Bulletin No. 252; 33 pages. This report constitutes a part of the investigation of essential raw materials authorized by Congress.
Textile Dyestuffs Industry, by Frank B. Gorin, special agent.—Trade Information Bulletin No. 253; 21 pages. The industry since the war have been endeavoring to build up a

self-sufficient dyestuff industry. In this report the development of the industry is outlined, and statistics of trade in coal-tar dyes are given for 1920 and 1921.

Nicaragua, a Review of Commerce and Industries, 1918-1923, prepared in the Latin-American Division.—Trade Information Bulletin No. 255, 16 pages.

Trade of the United States in 1923 according to International Statistical Classification, prepared in the Division of Statistics.—Trade Information Bulletin No. 256; 9 pages.

The Republic of Panama, prepared in the Latin American Division.—Trade Information Bulletin No. 257; 15 pages.

The Brazil Nut or Castanha Industry, by A. Ogdon Pierrot, special agent.—Trade Information Bulletin No. 259; 14 pages.

BUREAU OF FISHERIES

Fisheries of Key West and the Clam Industry of Southern Florida, by William C. Schroeder, scientific assistant. Document No. 962; 74 pages.

BUREAU OF STANDARDS

American Logging and Sawmill Safety Code.—Handbook No. 5 (October, 1923) 140 pages with 58 illustrations. Price, 60¢.

Nickel and Its Alloys.—Second edition, revised. Circular No. 100; 162 pages with illustrations and tables. Price, 40¢.

National Standard Petroleum Oil Tables (May 29, 1924).—Circular No. 154; 175 pages. Price, 30¢.

United States Government Specifications:

Turpentine, Circular No. 86.

Olive-drab paint (semipaste and ready-mixed). Circular No. 165.

Tent duck, grey. Circular No. 167.

Roofing—Type 4AWS, Circular No. 170; type 3ACS, Circular No. 172; type 4ACS, Circular No. 173; type 5ACS, Circular No. 174; type 3TCS, Circular No. 178; type 5TWS, Circular No. 179.

Installation of metal flashings and other metal fittings with built-up bituminous roofing. Circular No. 180.

Installation of plastic flashings with built-up bituminous roofing. Circular No. 181.

The above specifications have been officially adopted by the Federal Specifications Board as a standard in purchasing materials for use by Government departments and other Government establishments.

BUREAU OF NAVIGATION

American Documented Seagoing Merchant Vessels of 500 Gross Tons and Over, August 1, 1924. Serial No. 81. This list contains the names of all American steam and sailing merchant vessels of 500 gross tons and over, with tonnage, year built, name of owner, and home port. Price, 10 cents a copy; annual subscription price, 75¢.

Radio Service Bulletin, August 1, 1924.—No. 88. Contains list of new stations, changes in preceding lists, and information concerning radio regulations, current publications, and other matters. Price, 5¢ a copy; annual subscription price, 25¢.

NOTE.—All orders for radio publications listed by the Bureau of Navigation and inquiries concerning these publications should be addressed to the Superintendent of Documents, Government Printing Office, Washington, D. C. Do not make remittances to the Bureau of Navigation or to radio inspectors.

COAST AND GEODETIC SURVEY

United States Coast Pilot, 1924.—Atlantic Coast, Section C. Sandy Hook to Cape Henry, including Delaware and Chesapeake Bays. Second edition; 31 pages, with map. Price, 75¢.

Manual of the Harmonic Analysis and Prediction of Tides, by Paul Schureman.—Special Publication No. 98; 416 pages, with numerous tables and illustrations. Price, \$1.

Geodetic Operations in the United States and Outlying Possessions, January 1, 1922, to December 31, 1923, by William Bowie.—Special Publication No. 104; 28 pages, with illustrations.

LIGHTHOUSE SERVICE

Buoy Lists, 1924.—First District, Maine and New Hampshire (corrected to June 5). Seventeenth District, Oregon and Washington (corrected to June 25). Price, 20¢ each.

DEPARTMENT OF COMMERCE

HERBERT HOOVER, Secretary of Commerce

BUREAU OF THE CENSUS

WILLIAM M. STEUART, Director

Chief functions

The taking of the decennial census covering population, agriculture, manufactures, mines and quarries, and forest products.

Decennial report on national wealth, public debt, and taxation, including principal financial statistics of Federal, State, county, city, and township governments.

Annual financial statistics of State and municipal governments, including sources of revenue, objects of payments, debt, tax levies.

Decennial statistics relating to inmates of institutions, including paupers, insane, prisoners, and juvenile delinquents.

A quinquennial census of agriculture, a biennial census of manufactures, a quinquennial census of electrical public utilities, including electric railways, light and power stations, telephones, telegraphs, etc.

Annual statistics of births, deaths, marriages, and divorces.

Quarterly statistics of leaf tobacco stocks and of production, stocks, and consumption of fats and oils.

Monthly or semimonthly statistics of cotton ginning; cotton stocks and consumption; the production, stocks, and consumption of hides and leather; the production of shoes; and statistics of active textile machinery and of production in an increasing number of other industries.

The compilation and publication, in the "Survey of Current Business," of monthly commercial and industrial statistics.

BUREAU OF FOREIGN AND DOMESTIC COMMERCE

JULIUS KLEIN, Director

Chief functions

The compilation of timely information concerning world market conditions and openings for American products in foreign countries secured through commercial attachés and trade commissioners of the Department of Commerce and the foreign service of the Department of State. The distribution of such information to American business through weekly "Commerce reports," special bulletins, confidential circulars, the news and trade press, correspondence, and personal contact.

The maintenance of commodity, technical, and geographical divisions to afford special service to American export industries.

The compilation and distribution of names of possible buyers and agents for American products in all parts of the world and publication of weekly lists of specific sales opportunities abroad.

The maintenance of district and cooperative offices in 33 cities in the United States to expedite delivery of market information to business men and to keep the department advised as to the urgent requirements of American trades and industries.

The publication of official statistics on imports and exports.

The study of the processes of domestic trade and commerce, with a view to their improvement and the dissemination of information obtained for the benefit of the public, as well as of those directly concerned.

BUREAU OF STANDARDS

GEORGE K. BURGESS, Director

Chief functions

Custody of standards of measurement, quality, performance, or practice adopted or recognized by the Government. Development and construction of such standards when necessary. Testing and calibration of apparatus and comparison of standards used by scientific or other institutions with those in the custody of the bureau.

Determination of physical constants and properties of materials.

The testing of materials and establishment of standards and processes in cooperation with commercial firms or organizations.

Industrial researches covering structural, engineering, and miscellaneous materials, radio, radium, mechanical appliances, sugar technology, leather, paper, rubber, and textiles; clay products, glass, and refractories, metals and metallurgy, and similar groups of subjects.

The collection and dissemination of information showing improved methods in building, planning, and construction, including building materials and codes and such other matters as may encourage, improve, and cheapen construction and housing.

Studies on simplified commercial practices and establishment of such practices through cooperative business organizations.

The Bureau publishes six series of scientific and technical publications, reporting the results of its researches and giving technical data fundamental to industry.

The Director has supervision of the preparation of technical specifications through the Federal Specifications Board.

BUREAU OF FISHERIES

HENRY O'MALLEY, Commissioner

Chief functions

The propagation of useful food fishes, including lobsters, oysters, and other shellfish, and their distribution to suitable waters.

Investigations of fish culture, fish diseases, and for the conservation of fishery resources and the development of commercial fisheries.

The study of the methods of the fisheries and fishery industries and the utilization of fishery products.

The collection of statistics of fisheries.

The administration of the Alaska salmon fisheries, the fur-seal herd on the Pribilof Islands, and the law for the protection of sponges off the coast of Florida.

BUREAU OF LIGHTHOUSES

GEORGE R. PUTNAM, Commissioner

Chief functions

The establishment and maintenance of lighthouses, lightships, buoys, and other aids to navigation on the sea and the lake coast and on the rivers of the United States, including Alaska, Hawaiian Islands, and Porto Rico.

The publication of Light Lists, Buoy Lists, and Notices to Mariners, including information regarding all aids to navigation maintained by the Lighthouse Service.

COAST AND GEODETIC SURVEY

E. LESTER JONES, Director

Chief functions

The survey of the coasts of the United States and the publication of charts needed for the navigation of the adjacent waters, including Alaska, the Philippine Islands, Hawaii, Porto Rico, the Virgin Islands, and the Canal Zone.

A comprehensive geodetic system, extending into the interior, connects and coordinates the surveys of the coasts, and is designed to furnish accurately determined points and elevations in all parts of the country. These are available as a basis for Federal, State, and municipal surveys, and engineering projects of every kind. The magnetic declination has been determined at a large number of stations throughout the country, and the results are available for the use of surveyors and engineers.

The technical operations include base measures, triangulation, traverse, precise leveling, the determination of latitude and azimuth, the determination of difference of longitude by telegraph or radio, magnetic observations and researches, the preparation of magnetic maps, the determination of the force of gravity, topography, hydrography, deep-sea soundings, water temperatures, tidal and current observations.

The results are published in the form of charts on various scales, annual reports, coast pilots, tide tables (published annually in advance), current tables, digests of geodetic publications, and special publications.

BUREAU OF NAVIGATION

D. B. CARSON, Commissioner

Chief functions

General superintendence of commercial marine and merchant seamen.

Supervision of registering, enrolling, licensing, numbering, etc., of vessels under the United States flag, and the annual publication of a list of such vessels.

The enforcement of the navigation and steamboat inspection laws and the laws governing radio communication, as well as duties connected with fees, fines, tonnage taxes, refunds, etc., originating under such laws.

STEAMBOAT INSPECTION SERVICE

GEORGE UHLER, Supervising Inspector General

Chief functions

The inspection of vessels, the examination and licensing of the officers of vessels, and the administration of laws relating to such vessels and their officers. The certification of able seamen who form the crews of merchant vessels.

The inspection of vessels, including the types of boilers; the testing of all materials subject to tensile strain in marine boilers; the inspection of hulls and of life-saving equipment.

The investigation of violations of the steamboat-inspection laws.