



# SURVEY OF CURRENT BUSINESS

COMPILED BY

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

No. 15

NOVEMBER

1922

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### SUMMARY FOR SEPTEMBER.

On the whole, industrial activity in September was maintained at about the same level as in other recent months. Figures reported to this department show that, with the resumption of coal mining and the settlement of the railroad strike, there has been increased activity in many industries. Reports also indicate that the consumptive demand for merchandise has been greatly stimulated by the cooler weather and more settled conditions.

Since the settlement of the strike, bituminous coal production has remained relatively steady at about 10,000,000 tons per week. This rate of production, while more than sufficient for current consumption, does not permit the accumulation of the necessary reserves against the demand of colder weather. Bituminous production is clearly limited by the transportation facilities. Anthracite production is averaging about 2,000,000 tons per week and is capable of but little further expansion.

The railroad situation is becoming more and more the key to industrial activity. In addition to the shortage of cars for coal, reports indicate that the movement of crops, building material, and other products is being delayed. Freight-car loadings are the largest since the fall of 1920. The net available sur-

plus of idle freight cars, which a few months ago amounted to hundreds of thousands of cars, has completely disappeared, and in its place the railroads report a shortage of more than 100,000 cars beyond those available to supply the demand.

Iron and steel production recovered somewhat in September from the low point reached in August, although it is not yet back to the level of a few months ago. Unfilled orders of the United States Steel Corporation continued to increase, reaching a total of 6,692,000 tons at the end of September. The prices of all iron and steel products rose sharply last month.

Cotton consumption declined slightly in September, but the total of 495,344 bales is still above the monthly average for this year. Exports of cotton remained at an abnormally low level.

Many movements, including building construction, automobile production, and certain foodstuffs, are showing the effects of seasonal conditions.

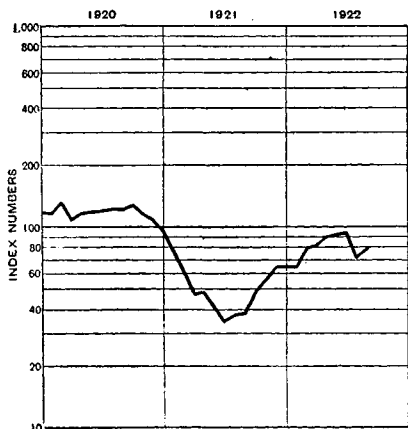
Prices remained relatively steady, with advances in some groups offset by declines in others.

Employment conditions continued to improve. More men were employed in New York and Wisconsin state factories last month than at any time since November, 1920.

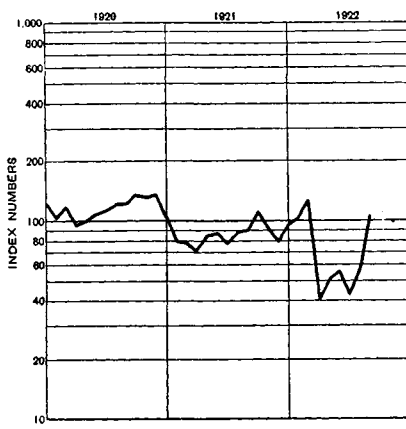
# BUSINESS INDICATORS.

[1913 monthly average=100. See explanation on inside front cover.]

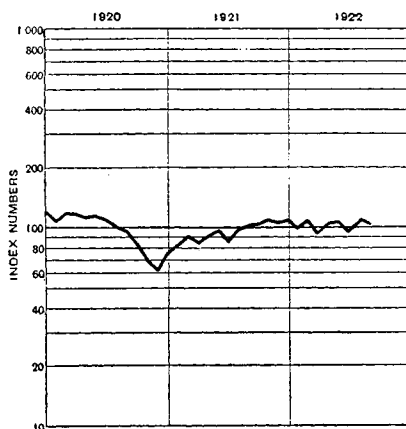
**PIG-IRON PRODUCTION.**



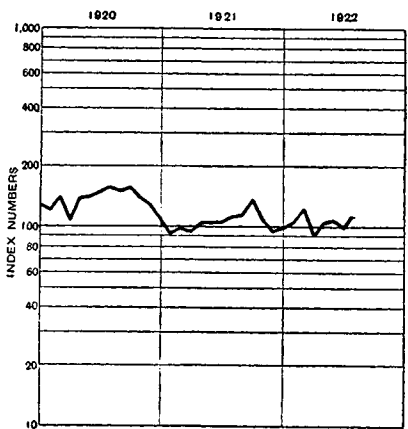
**BITUMINOUS COAL PRODUCTION.**



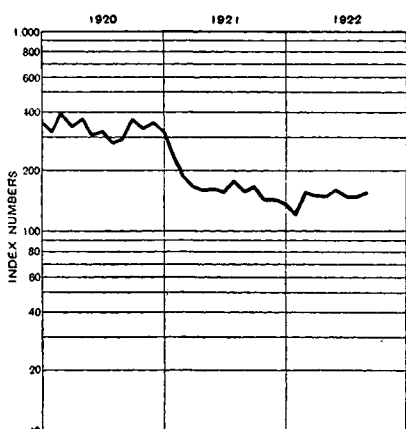
**COTTON CONSUMPTION.**



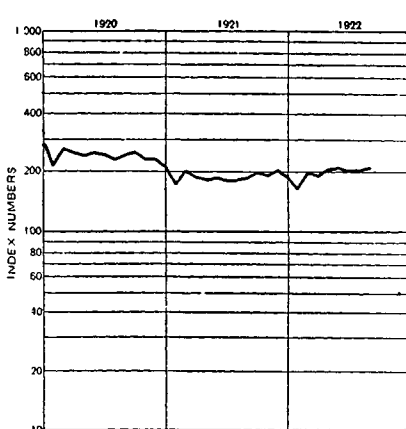
**NET FREIGHT TON-MILES.**



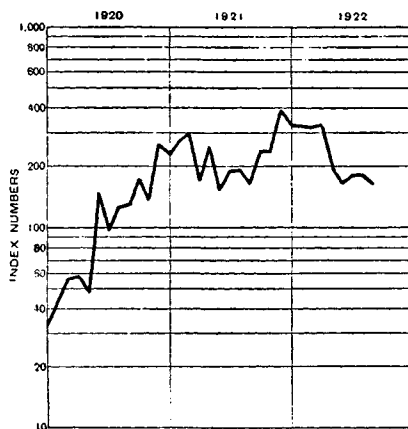
**EXPORTS (VALUES).**



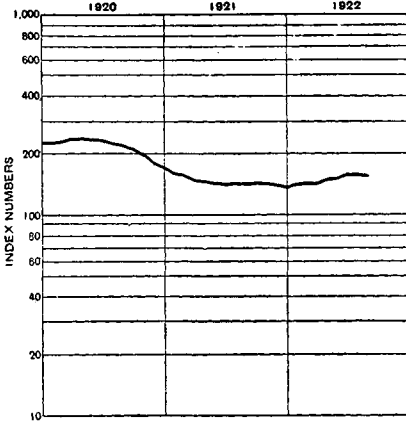
**BANK CLEARINGS OUTSIDE NEW YORK CITY (VALUES).**



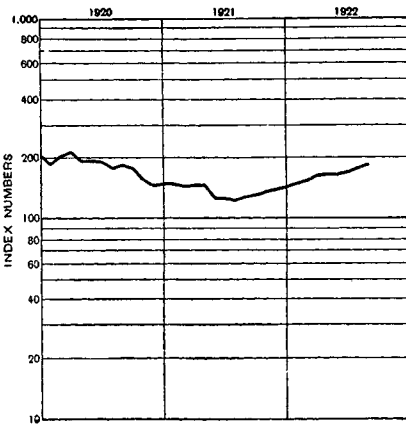
**DEFAULTED LIABILITIES (VALUES).**



**WHOLESALE PRICES.**



**PRICE OF 25 INDUSTRIAL STOCKS.**



## BUSINESS INDICATORS.

The following table gives comparative index 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 index 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 index 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 index numbers, compared to previous months, does reflect the present tendency in each item and will give a basis for business judgment.

COMMODITY.	MONTHLY AVERAGE.			1921					1922								
	1919	1920	1921	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.
<b>1913 monthly average=100.</b>																	
<b>Production:</b>																	
Pig iron.....	100	119	54	37	38	49	55	64	64	64	79	81	90	92	94	71	79
Steel ingots.....	111	135	66	52	53	73	75	65	72	79	107	111	123	119	113	100	108
Copper.....	105	99	39	21	21	24	22	18	25	37	61	75	90	93	89	99	94
Anthracite coal.....	96	97	99	98	97	103	93	81	82	89	115	(*)	(*)	1	2	2	65
Bituminous coal.....	96	116	87	89	90	112	92	79	94	103	126	40	51	56	43	56	103
Crude petroleum.....	152	178	189	198	176	172	183	203	208	197	225	216	224	220	225	225	219
Cotton (consumption).....	108	117	85	97	101	103	109	106	109	98	108	93	103	105	95	109	103
Beef.....	131	121	109	118	119	125	114	99	111	98	119	106	124	125	119	127	.....
Pork.....	120	111	116	94	87	99	118	133	144	123	118	105	133	149	117	109	.....
<b>Unfilled orders:</b>																	
Steel Corporation.....	101	170	90	77	77	73	72	72	72	70	76	86	89	95	98	101	113
<b>Stocks:</b>																	
Crude petroleum.....	105	109	152	162	165	166	170	177	187	199	211	224	234	244	249	259	260
Cotton (mills and warehouses).....	164	155	183	144	172	206	223	223	203	188	171	151	128	105	87	83	138
<b>Prices:</b>																	
<b>Wholesale index, all commodities</b>																	
(Dept. Labor).....	206	226	147	142	141	142	141	140	138	141	142	143	148	150	155	155	153
Retail food (Dept. Labor).....	186	203	153	155	153	153	152	150	142	142	139	139	139	141	142	139	140
Retail coal, bitum. (Dept. Labor).....	147	207	197	193	193	192	190	189	182	179	179	177	175	175	.....	.....	.....
Farm crops (Dept. Agriculture) <sup>1</sup> .....	234	238	109	108	110	104	98	97	98	105	112	115	118	119	118	114	110
Farm live stock (Dept. Agriculture).....	198	168	107	113	101	98	92	91	95	108	117	115	118	119	119	112	109
<b>Business finances:</b>																	
Defaulted liabilities.....	42	108	230	189	163	234	235	385	325	320	315	322	195	168	176	177	162
Price 25 industrial stocks.....	182	184	136	121	127	130	136	140	143	149	153	163	166	166	170	178	184
Price 25 railroad stocks.....	75	67	64	64	65	64	65	66	65	68	70	74	76	74	77	82	83
<b>Banking:</b>																	
Bank clearings, New York City.....	249	257	205	185	199	203	213	234	219	195	237	238	244	255	233	215	219
Bank clearings, outside N. Y. City.....	216	246	191	181	187	200	192	203	190	166	200	191	205	210	201	202	209
Commercial paper interest rate.....	94	127	113	103	102	97	90	89	85	84	83	79	74	70	65	68	72
<b>Distribution:</b>																	
Imports (value).....	218	294	140	130	120	126	141	159	145	144	171	145	169	174	169	181	155
Exports (value).....	319	331	181	177	157	166	142	143	135	121	156	150	149	161	146	146	153
Sales, mail-order houses.....	264	264	188	150	188	222	211	217	175	161	211	196	194	174	154	157	190
<b>Transportation:</b>																	
Freight, net ton-miles.....	121	137	105	111	113	134	107	94	99	104	120	90	102	106	99	111	.....
<b>1919 monthly average=100.</b>																	
<b>Production:</b>																	
Lumber <sup>2</sup> .....	100	100	85	94	92	97	98	89	90	95	103	108	126	132	122	130	126
Building contracts (floor space).....	100	72	69	76	89	87	81	76	65	64	111	125	128	130	111	116	95
<b>Stocks:</b>																	
Beef.....	100	70	43	27	25	27	33	35	33	31	29	27	24	21	20	20	22
Pork.....	100	97	85	85	61	45	43	51	60	67	74	76	83	94	91	81	62
<b>Business finances:</b>																	
Bond prices index (40 issues).....	100	86	87	86	88	87	90	93	102	102	104	107	108	108	109	111	112
<b>Banking:</b>																	
Debits to individual accounts, outside New York City.....	100	118	91	85	89	95	85	100	95	84	99	94	92	98	93	90	94
Federal Reserve, bills discounted.....	100	132	91	77	72	68	66	61	44	37	33	30	29	24	20	21	22
Federal Reserve, total reserves.....	100	97	122	127	131	134	137	137	140	141	142	143	143	144	145	146	146

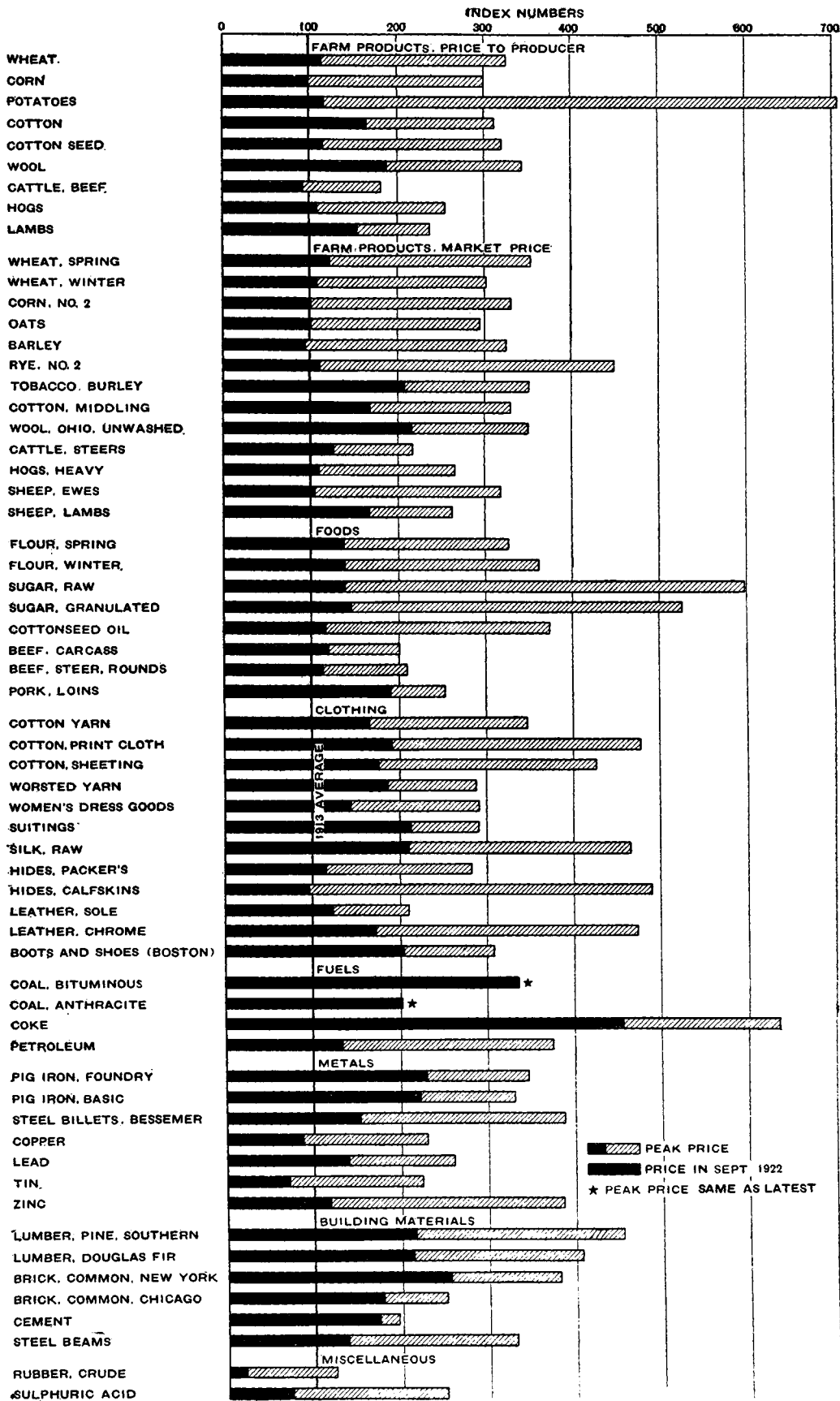
<sup>1</sup> Monthly prices are for the 15th of the month indicated.

<sup>2</sup> 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 11,190,000,000 board feet, compared with a total lumber production for the country of 24,552,000,000 board feet reported by the census.

<sup>3</sup> Less than 1.

COMPARISON OF PRESENT WHOLESALE PRICES WITH PEAK AND PRE-WAR.

[Relative prices 1913=100.]



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

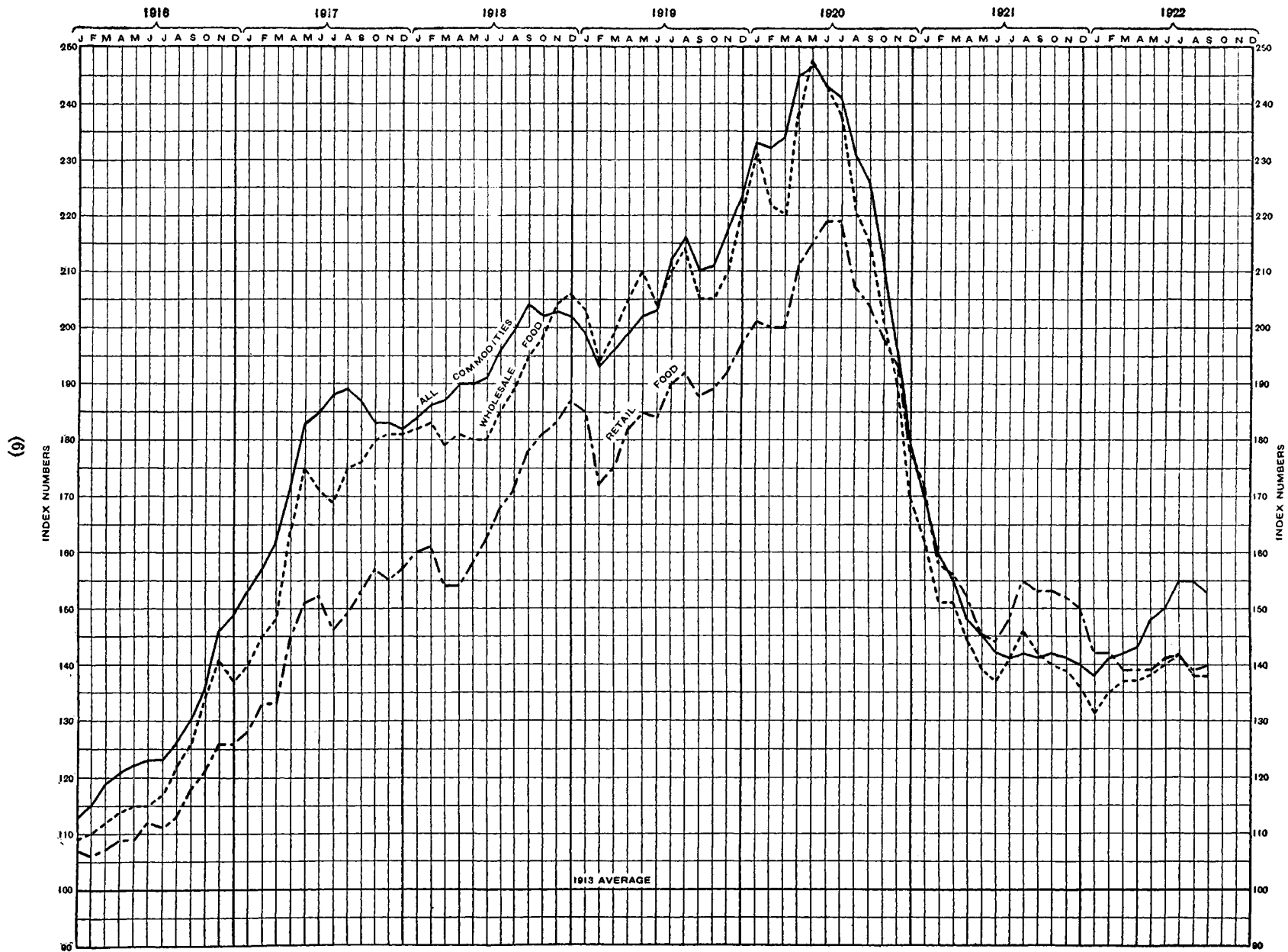
NOTE.—Prices to the producer on farm products are from *U. S. Department of Agriculture, Bureau of Markets and Crop Estimates*. All other prices are from *U. S. Department of Labor, Bureau of Labor Statistics*, except market price of wool compiled by *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*. As far as possible all quotations represent prices to the producer or at the mill. See diagram on opposite page.

COMMODITIES.	Date and maximum relative price.	July, 1922.	Aug., 1922.	Sept., 1922.	Per cent increase (+) or decrease (-) in Sept. from Aug.	
		Relative price.				
		(1913 average=100.)				
<b>Farm products—Average price to producer:</b>						
Wheat.....	June, 1920	326	123	111	114	+ 2.7
Corn.....	July, 1920	300	104	101	100	- 1.0
Potatoes.....	June, 1920	706	192	147	117	-20.4
Cotton.....	July, 1920	312	173	176	167	- 5.1
Cotton seed.....	May, 1920	321	169	149	116	-22.1
Wool.....	July, 1918	344	195	189	189	0.0
Cattle, beef.....	May, 1919	183	98	93	92	- 1.1
Hogs.....	July, 1919	256	122	114	110	- 3.5
Lambs.....	Apr., 1920	239	157	154	155	+ 0.6
<b>Farm products—Market price:</b>						
Wheat, No. 1, northern, spring (Chicago).....	May, 1920	354	142	129	124	- 3.9
Wheat, No. 2, red, winter (Chicago).....	May, 1920	302	117	107	109	+ 1.9
Corn, contract grades, No. 2, cash (Chicago).....	Sept., 1917	331	103	100	102	+ 2.0
Oats, contract grades, cash (Chicago).....	June, 1920	296	99	89	102	+14.6
Barley, fair to good, malting (Chicago).....	Mar., 1918	325	103	91	94	+ 3.3
Rye, No. 2, cash (Chicago).....	Mar., 1918	451	135	114	112	- 1.8
Tobacco, burley, good leaf, dark red (Louisville).....	Mar., 1919	352	208	208	208	0.0
Cotton, middling upland (New York).....	Apr., 1920	331	175	171	168	- 1.8
Wool, unwashed, fine (Ohio).....	Mar., 1920	350	218	218	218	0.0
Cattle, steers, good to choice, corn fed (Chicago).....	Mar., 1919	218	114	122	126	+ 3.3
Hogs, heavy (Chicago).....	July, 1919	266	121	104	110	+ 5.8
Sheep, ewes (Chicago).....	Apr., 1918	319	117	114	105	- 7.9
Sheep, lambs (Chicago).....	Feb., 1920	263	163	160	167	+ 4.4
<b>Food:</b>						
Flour, standard patents (Minneapolis).....	May, 1920	328	170	153	138	- 9.8
Flour, winter straights (Kansas City).....	May, 1917	363	162	144	139	- 3.5
Sugar, 96° centrifugal (New York).....	May, 1920	598	147	148	138	- 6.8
Sugar, granulated, in barrels (New York).....	May, 1920	526	154	158	146	- 7.6
Cottonseed oil, prime summer yellow (New York).....	July, 1919	374	147	136	117	-14.0
Beef, fresh carcass good native steers (Chicago).....	Sept., 1920	201	114	120	120	0.0
Beef, fresh steer rounds No. 2 (Chicago).....	July, 1920	211	130	125	114	- 8.8
Pork, loins, fresh (Chicago).....	Sept., 1919	254	160	173	191	+10.4
<b>Clothing:</b>						
Cotton yarns, carded, white, northern, mule spun, 22-1 cones (Boston).....	May, 1920	348	166	170	167	- 1.8
Cotton, print cloth, 27 inches, 64 x 60-7.60 yards to pound (Boston).....	Apr., 1920	478	191	188	191	+ 1.6
Cotton, sheeting, brown, 4/4 Ware Shoals L. L. (New York).....	May, 1920	427	172	174	176	+ 1.1
Worsted yarns: 2/32's crossbred stock, white, in skein (Boston).....	Jan., 1920	289	180	180	187	+ 3.9
Women's dress goods, storm serge, all-wool, double warp, 50 inches (New York).....	Oct., 1918	292	145	145	145	0.0
Suitings, wool, dyed blue, 55-56 inches, 16-ounce Middlesex (Boston).....	July, 1920	291	198	213	213	0.0
Silk, raw Japanese, Kansai No. 1 (New York).....	Jan., 1920	466	194	195	210	+ 7.7
Hides, green salted, packer's, heavy native steers (Chicago).....	Aug., 1919	283	99	109	116	+ 6.4
Hides, calfskins, No. 1, country, 8 to 15 pounds (Chicago).....	Aug., 1919	490	99	97	97	0.0
Leather, sole, hemlock, middle, No. 1 (Boston).....	Mar. 1917	211	124	124	124	0.0
Leather, chrome calf, dull or bright, "B" grades (Boston).....	Nov., 1919	473	161	161	173	+ 7.5
Boots and shoes, men's black calf, blucher (Massachusetts).....	Mar., 1920	308	209	209	205	- 1.9
Men's dress welt tan calf (St. Louis).....	Aug., 1919	292	145	145	152	+ 4.8
<b>Fuels:</b>						
Coal, bituminous, Pittsburgh, mine run—Kanawha (Cincinnati).....	Sept., 1922	336	245	302	336	+11.3
Coal, anthracite, chestnut (New York tidewater).....	Oct., 1921	201				
Coke, Connellsville (range of prompt and future) furnace—at ovens.....	Aug., 1920	637	441	525	456	-13.1
Petroleum, crude, Kansas-Oklahoma—at wells.....	Mar., 1920	375	206	134	134	0.0
<b>Metals:</b>						
Pig iron, foundry No. 2, northern (Pittsburgh).....	July, 1917	346	163	202	229	+13.4
Pig iron, basic, valley furnace.....	Sept., 1920	330	165	181	222	+22.7
Steel billets, Bessemer (Pittsburgh).....	July, 1917	388	136	140	153	+ 9.3
Copper ingots, electrolytic, early delivery (New York).....	Mar., 1917	230	87	87	87	0.0
Lead, pig, desilverized, for early delivery (New York).....	June, 1917	261	131	133	140	+ 5.3
Tin, pig, for early delivery (New York).....	May, 1918	224	70	72	72	0.0
Zinc, slab, western, early delivery (New York).....	June, 1915	386	103	113	118	+ 4.4
<b>Building materials and miscellaneous:</b>						
Lumber, pine, southern, yellow flooring, 1 x 4, "B" and better (Hattiesburg district).....	Feb., 1920	455	196	200	215	+ 7.5
Lumber, Douglas fir, No. 1, common, s 1 s, 1 x 8 x 10 (State of Washington).....	Jan., 1920	407	158	170	212	+18.4
Brick, common red, domestic building (New York).....	Feb., 1920	381	307	290	255	-12.1
Brick, common building, salmon, run of kiln (Chicago).....	Oct., 1920	251	186	177	178	+ 0.6
Cement, Portland, net without bags to trade, f. o. b. plant (Chicago district).....	Sept., 1920	195	158	163	173	+ 6.1
Steel beams, mill (Pittsburgh).....	June, 1917	331	109	116	137	+18.1
Rubber, Para Island, fine (New York).....	Jan., 1913	124	21	22	21	- 4.5
Sulphuric acid, 66 degrees (New York).....	Feb., 1916	250	71	70	74	+ 5.7

# COMPARISON OF WHOLESALE AND RETAIL FOOD PRICE INDEX NUMBERS.

WITH INDEX OF ALL COMMODITIES AT WHOLESALE.

(U. S. Department of Labor Index.)



## BUSINESS CONDITIONS IN SEPTEMBER.

The following pages present a review by principal industries of the more important statistics shown in the table on the "Trend of business movements" and in the detailed tables which make up the bulk of this number. Summaries of production, stocks, sales, and price changes are also given.

### PRODUCTION.

Production on the whole remained relatively stationary during September, with advances in some commodities offset by declines in others. Furthermore, with the beginning of the fall months there was a seasonal slackening in the output of many commodities. On the basis of the number of increases or decreases in production without reference to the commodity or the extent of change, the September record is less favorable than for other recent months.

Of the 52 commodities for which September production figures are available on a 1919 base, 18 showed increases over August, 30 declined, and 4 remained the same. During the month of August, of these same commodities, 39 advanced, 12 declined, and 1 showed no change. The increases in September were largely in the foodstuffs, fuel, and metal groups, while building materials, paper, automobiles, etc., contained many declines, a large number of which are distinctly seasonal movements.

Compared with September a year ago, there were 48 advances, 3 declines, and 1 without change. The declines occurred in oleomargarine and cottonseed-oil production and in anthracite coal. Comparison with the 1919 average shows 32 advances and 20 declines.

In connection with a comparison of productive activity, it is of interest to note the figures on the per cent of full-time capacity operations so far reported for a few industries in connection with the 1921 census of manufactures. The 1921 schedule asked the manufacturers to report the per cent of full-time capacity operation on which their plants were run in 1921. These figures, weighted with the value of the products of each firm, are being averaged for each industry. Up to the time of writing reports have been issued for 26 industries, the value of whose products totaled \$2,865,481,717 in 1921 and \$4,353,476,309 in 1919. Compared to the value of all manufactured products in 1919 of \$62,418,078,773, these industries represent approximately 7 per cent of the total. Although too small to be of any particular significance, the average of the full-time capacity operation of these industries weighted with the 1921 value of their products is equal to 58.9 per cent. The table at the top of the next page gives the list of these industries with their 1921 operating percentages and the value of their products in the two census years.

### COURSE OF PRODUCTION SINCE 1919.

	RELATIVE PRODUCTION (1919=100).								RELATIVE PRODUCTION (1919=100).								
	Maximum since end of 1919.	Minimum since end of 1919.	1920 average.	1921 average.	Aug., 1921.	Sept., 1921.	Aug., 1922.	Sept., 1922.	Maximum since end of 1919.	Minimum since end of 1919.	1920 average.	1921 average.	Aug., 1921.	Sept., 1921.	Aug., 1922.	Sept., 1922.	
<b>FOODSTUFFS:</b>																	
Wheat flour.....	125	64	82	91	120	120	111	.....	<b>LUMBER:</b>								
Beef products.....	109	67	92	83	90	90	97	.....	Yellow pine.....	131	69	94	99	104	103	126	117
Pork products.....	151	58	93	97	78	73	91	.....	Western pine.....	172	20	121	67	93	76	158	158
Lamb and mutton.....	110	58	80	94	101	103	85	.....	North Carolina pine.....	162	33	98	88	92	95	160	161
Sugar (meltings).....	178	40	104	92	127	81	166	96	California white and sugar pine.....	272	8	121	78	143	122	272	.....
Oleomargarine.....	126	26	103	60	61	61	40	55	California redwood.....	174	57	122	109	134	118	136	130
Cottonseed oil.....	340	7	100	164	45	153	20	151	Douglas fir.....	130	44	102	79	88	90	127	127
Condensed milk.....	121	20	76	71	88	73	95	.....	Michigan hardwoods.....	122	27	89	60	44	32	60	62
Butter.....	201	64	99	120	151	121	201	.....	Michigan softwoods.....	120	28	82	59	56	48	96	97
Cheese.....	169	41	86	85	105	90	127	.....	Northern hardwoods.....	161	21	105	88	57	25	69	62
Ice cream.....	468	41	111	110	171	139	207	.....	Hemlock.....	120	33	91	57	76	52	87	83
Corn products.....	135	38	93	90	107	113	104	113	Oak flooring.....	273	42	106	123	156	148	273	237
<b>CLOTHING:</b>									Maple flooring.....	130	47	103	83	84	75	130	125
Cotton (consumption).....	114	57	109	87	90	93	102	96	<b>PAPER:</b>								
Sole leather.....	95	63	82	79	86	80	70	.....	Mechanical wood pulp.....	143	55	109	87	61	55	91	85
Boots and shoes.....	108	96	.....	.....	.....	.....	102	.....	Chemical wood pulp.....	138	64	117	79	75	78	107	106
<b>FUELS:</b>									Newsprint.....	116	69	110	89	89	86	116	109
Anthracite coal.....	119	(?)	101	99	102	97	2	68	Book paper.....	126	64	121	79	78	82	115	115
Bituminous coal.....	137	41	121	89	90	92	68	107	Wrapping paper.....	130	77	120	94	97	102	128	122
Beehive coke.....	127	11	110	30	16	18	34	38	Paper board.....	135	65	119	85	85	90	128	122
By-product coke.....	123	62	122	79	66	68	86	107	Fine paper.....	121	55	113	71	66	72	115	110
Crude petroleum.....	148	112	117	124	130	116	148	143	Corrugated paper boxes <sup>6</sup> .....	142	30	104	65	70	78	132	142
Gasoline.....	173	98	123	130	131	126	167	.....	Solid fiber paper boxes <sup>5</sup> .....	142	18	104	89	106	94	136	122
Kerosene.....	110	71	99	83	74	79	94	.....	<b>STONE, CLAY, AND SAND PRODUCTS:</b>								
Gas and fuel.....	151	93	146	127	123	124	149	.....	Silica brick.....	130	13	106	40	27	33	60	91
Lubricating oil.....	135	89	124	104	94	98	126	.....	Clay fire brick.....	127	43	120	63	52	49	102	96
Electric power.....	125	98	113	105	105	104	125	125	Face brick.....	132	34	100	100	118	91	104	114
<b>METALS:</b>									Cement.....	174	61	125	122	153	150	174	171
Pig iron.....	132	34	119	54	37	39	71	80	Glass bottles.....	124	48	104	69	50	50	78	79
Steel ingots.....	140	33	121	57	46	48	90	97	<b>BUILDING EQUIPMENT:</b>								
Copper.....	94	17	94	37	20	20	94	89	Baths, enamel.....	238	65	149	120	163	157	227	219
Zinc.....	126	38	105	47	38	38	82	87	Lavatories, enamel.....	235	86	112	127	135	145	206	193
Silver.....	129	80	100	95	85	89	118	113	Sinks, enamel.....	200	80	110	122	134	134	174	166
Gold (receipts).....	181	79	88	113	131	79	145	126	Buildings (contracted for).....	130	30	72	69	76	89	116	95
<b>TOBACCO:</b>									<b>TRANSPORTATION VEHICLES:</b>								
Cigars <sup>4</sup> .....	128	75	112	96	106	104	109	106	Automobiles, passenger.....	190	61	114	93	121	105	180	135
Cigarettes <sup>4</sup> .....	144	64	84	96	116	108	144	125	Motor trucks.....	99	32	102	46	50	52	92	71
Manufactured tobacco <sup>4</sup> .....	119	50	94	91	104	98	117	105	Locomotives.....	135	9	89	50	43	48	68	53
									Ships.....	79	2	67	30	22	26	3	.....

<sup>1</sup> Since November, 1921.  
<sup>2</sup> Less than 1.

<sup>3</sup> Since Jan. 1, 1921.

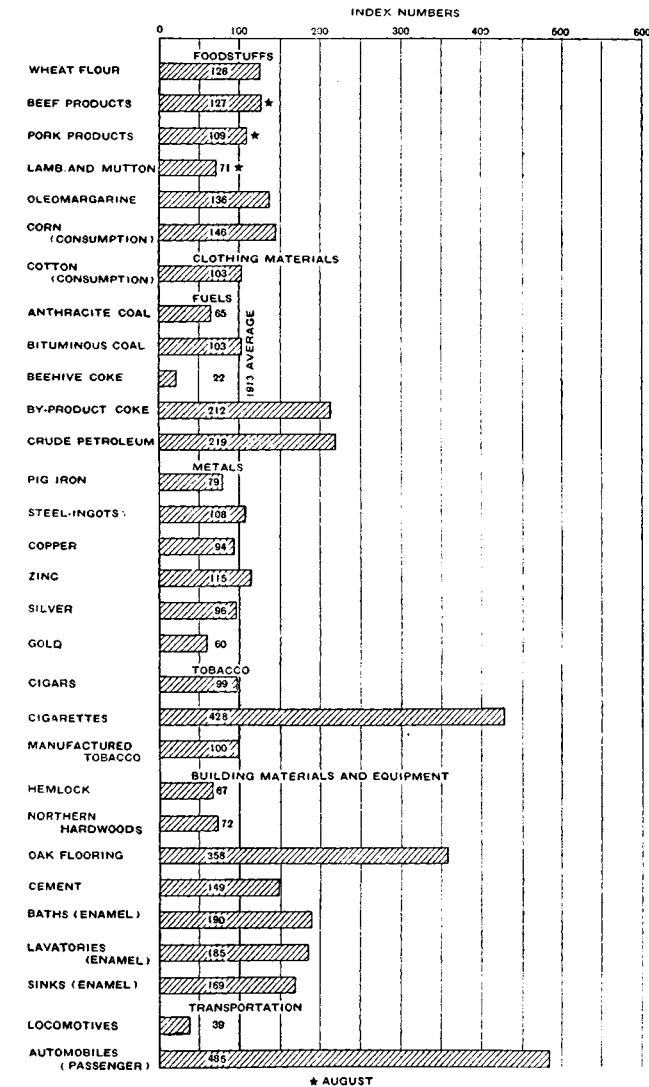
<sup>4</sup> As represented by tax-paid withdrawals.

<sup>5</sup> Relative to last 6 months of 1919.  
<sup>6</sup> Since July 1, 1921.

COMPARISON OF ADVANCE REPORTS FROM 1921 CENSUS OF MANUFACTURES.

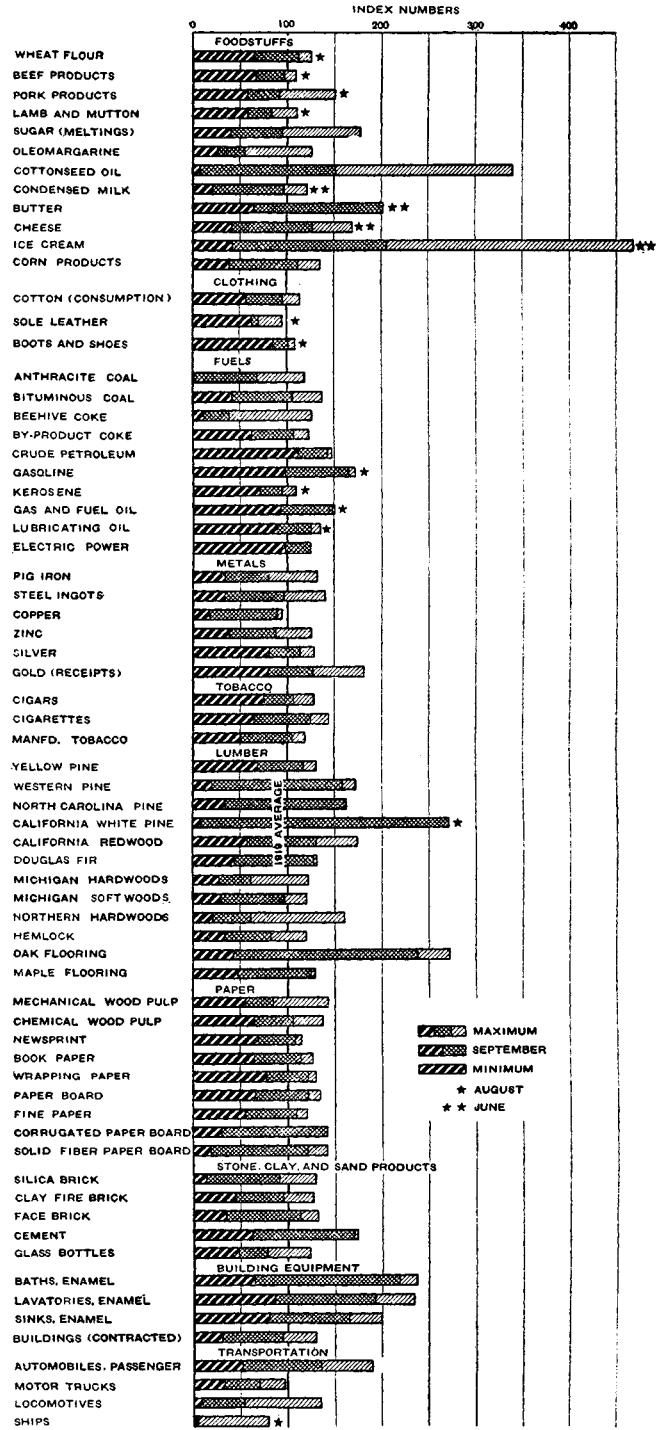
INDUSTRY.	Per cent full-time capacity.	VALUE OF PRODUCT.	
		1921	1919
		Thousands of dollars.	
Aircraft.....	27.6	\$6,617	\$14,373
Ammunition.....	47.6	32,263	88,038
Automobiles.....	58.3	1,666,140	2,387,903
Bicycles.....	38.0	9,530	24,497
Cane sugar refining.....	65.0	469,212	730,987
Carbon black.....	87.4	5,533	3,994
Cash register calculating machine.....	63.4	53,527	83,539
Cast-iron pipe.....	52.5	43,899	50,235
Chocolate and cocoa products.....	80.0	77,931	139,258
Cleaning and polishing rice.....	46.5	41,213	90,038
Cotton lace.....	60.0	25,805	29,397
Essential oils.....	56.0	3,271	5,698
Firearms.....	47.5	12,510	30,181
Glucose and starch.....	47.0	80,063	186,256
Horseshoes.....	69.0	1,932	3,367
Locomotives.....	35.0	100,245	156,270
Motorcycles.....	44.0	13,568	28,609
Needles, pins, hooks and eyes.....	69.0	18,896	29,305
Organs.....	70.0	10,174	5,973
Photographic apparatus.....	45.0	5,445	9,384
Rubber boots and shoes.....	66.0	93,626	116,917
Rubber belting and hose.....	66.6	14,741	34,211
Sand, lime, brick.....	49.0	1,117	1,663
Typewriters and supplies.....	54.5	41,621	52,738
Washing machines, clothes wringers.....	44.9	30,074	40,771
Windmills.....	48.2	6,530	9,933
Total.....		\$2,865,482	\$4,353,476

COMPARISON OF SEPTEMBER PRODUCTION WITH PRE-WAR. [Relative monthly production 1913=100.]



COURSE OF PRODUCTION SINCE 1919.

[Relative monthly production 1919=100.]



STOCKS.

There was a further tendency for stocks to decline in September, although a number of seasonal increases occurred. Of the 42 commodities listed in the accompanying table and for which comparative figures are available back to 1919, there were 19 increases, 22 decreases, and 1 without change. Compared to a year ago, there were 14 increases, 27 decreases, and 1 without change. Practically all building materials show very much smaller stocks than were carried a year ago.



STOCKS OF COMMODITIES COMPARED WITH PRE-WAR.

[Taken at end of each month.]

	RELATIVE STOCKS (1913=100).					
	1920 average.	1921 average.	1921		1922	
			Aug.	Sept.	Aug.	Sept.
Wheat (visible).....	127	134	96	170	86	154
Corn (visible).....	71	255	161	158	119	166
Oats (visible).....	89	270	247	355	220	207
Coffee.....	89	89	89	89	48	50
Cotton (total).....	155	196	144	172	83	138
Crude petroleum.....	109	152	162	165	259	260
Pig iron (merchant) <sup>1</sup> .....	38	84	84	79	21	20
Zinc.....	99	195	213	200	53	46
Tin.....	183	127	95	95	152	67
Oak flooring.....	258	375	393	371	234	235
Cement <sup>2</sup> .....	80	91	74	62	51	42
Tobacco.....	114	131	<sup>3</sup> 125	140	<sup>3</sup> 138	123
Flaxseed.....	33	74	66	64	3	12

<sup>1</sup> Relative to 1914.    <sup>2</sup> Relative to stocks at end of 1913.    <sup>3</sup> July 1.

STOCKS OF COMMODITIES SINCE 1919.

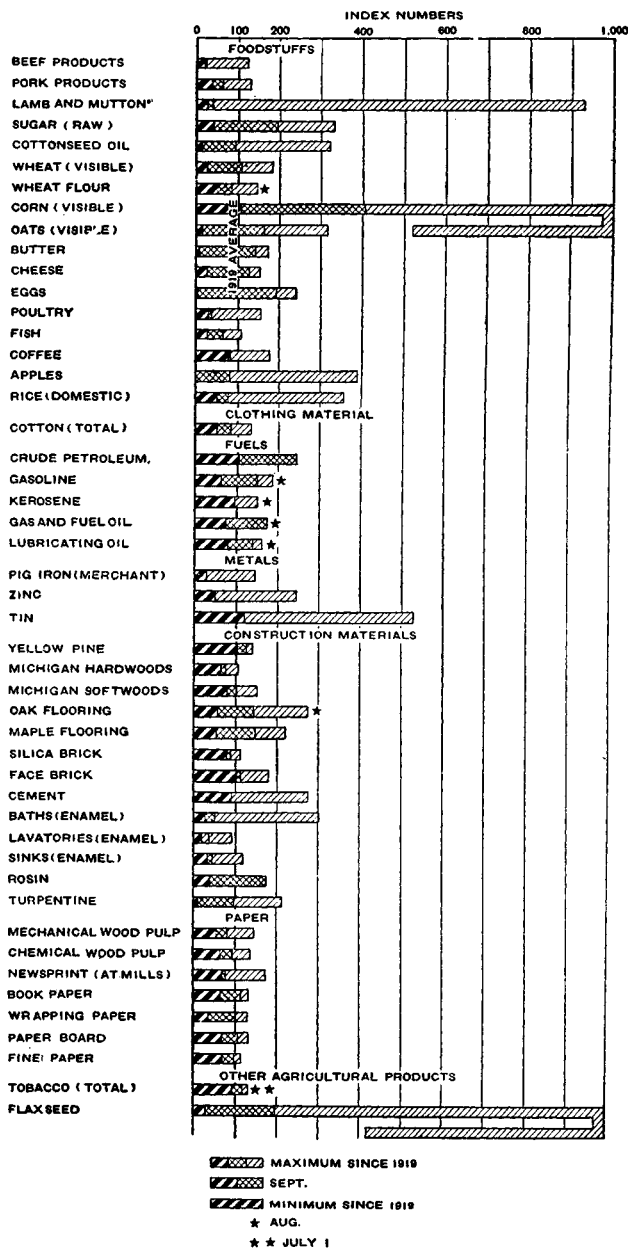
[Taken at end of each month.]

	RELATIVE STOCKS (1919=100).							
	Maximum since 1919.	Minimum since 1919.	1920 average.	1921 average.	Aug., 1921.	Sept., 1921.	Aug., 1922.	Sept., 1922.
<b>FOODSTUFFS:</b>								
Beef products.....	124	20	70	43	28	25	20	22
Pork products.....	129	38	97	85	85	61	81	62
Lamb and mutton.....	928	25	183	324	70	71	40	42
Sugar (raw).....	332	44	110	157	140	144	276	189
Cottonseed oil.....	321	12	127	158	27	85	17	92
Wheat (visible).....	184	23	89	93	87	118	60	107
Wheat flour.....	149	54	95	76	89	88	86	.....
Corn (visible).....	1,482	108	174	622	392	385	291	405
Oats (visible).....	316	16	69	211	271	277	172	161
Butter.....	174	6	89	81	139	136	169	145
Cheese.....	156	28	99	79	121	117	139	128
Eggs.....	240	( <sup>1</sup> )	82	101	186	153	235	192
Poultry.....	156	30	70	72	30	38	42	39
Fish <sup>2</sup> .....	110	27	73	72	77	88	52	66
Coffee.....	177	78	146	145	145	112	78	81
Apples.....	391	54	181	162	.....	46	.....	81
Rice (domestic).....	360	50	159	159	86	85	50	77
<b>CLOTHING MATERIALS:</b>								
Cotton (total).....	136	51	95	120	88	105	51	84
<b>FUELS:</b>								
Crude petroleum.....	241	101	104	145	154	157	247	248
Gasoline.....	189	61	98	134	120	109	149	.....
Kerosene.....	153	106	126	134	130	124	95	.....
Gas and fuel oil.....	173	75	89	151	161	160	177	.....
Lubricating oil.....	162	81	85	143	150	143	137	.....
<b>METALS:</b>								
Pig iron (merchant).....	146	33	60	132	133	125	33	31
Zinc.....	247	58	108	212	231	216	58	50
Tin.....	528	130	332	232	173	173	276	122
<b>CONSTRUCTION MATERIALS:</b>								
Yellow pine.....	143	102	127	129	131	126	119	129
Michigan hardwoods.....	108	67	72	98	106	105	72	73
Michigan softwoods.....	152	80	105	141	148	142	86	101
Oak flooring.....	277	59	161	234	245	232	146	146
Maple flooring.....	222	55	103	199	202	187	151	150
Silica brick.....	115	81	103	107	100	101	86	89
Face brick.....	181	107	140	153	160	141	102	113
Cement <sup>3</sup> .....	276	102	170	193	158	132	109	90
Baths (enamel).....	301	29	50	179	116	75	54	50
Lavatories (enamel).....	95	21	31	78	92	85	42	38
Sinks (enamel).....	122	34	53	89	103	102	47	46
Rosin <sup>4</sup> .....	175	41	104	164	171	169	171	175
Turpentine <sup>4</sup> .....	215	13	109	149	170	179	83	95
<b>PAPER:</b>								
Mechanical wood pulp.....	143	55	78	108	108	89	102	82
Chemical wood pulp.....	138	64	63	99	99	91	98	96
Newsprint (at mills).....	175	71	97	125	113	126	83	79
Book paper.....	131	66	75	115	111	112	118	116
Wrapping paper.....	130	36	48	101	115	103	114	100
Paper board.....	132	70	79	117	116	108	110	106
Fine paper.....	112	74	79	101	103	98	103	98
<b>OTHER AGRICULTURAL PRODUCTS:</b>								
Tobacco (total).....	132	92	102	117	<sup>5</sup> 112	.....	.....	.....
Flaxseed.....	1,578	27	550	1,242	1,092	1,065	44	198

<sup>1</sup> Index number less than 1.    <sup>2</sup> On 15th of month.    <sup>3</sup> Relative to stocks at end of 1919.    <sup>4</sup> Relative to season beginning Apr. 1, 1919.    <sup>5</sup> Oct. 1.

COURSE OF COMMODITY STOCKS SINCE 1919.

[Relative stocks 1919=100.]



SALES.

The increased demand for goods as indicated in current reports is reflected in the figures on commodity sales as reported in this bulletin. Of the 14 individual commodities listed in the accompanying table, 9 showed increased sales in September, compared with August, while 5 decreased. The commodities showing decreases in sales in September are merchant pig iron, structural steel, oak flooring, redwood lumber, and leather belting. Compared with a year ago, every one of these commodities except merchant pig iron shows a marked increase in sales.

Other distribution movements for the most part continued to maintain or to increase their recent improved condition.

## COMPARISON OF SALES IN DIFFERENT LINES OF BUSINESS.

	RELATIVE SALES (1919=100).							
	Maximum since end of 1919.	Minimum since end of 1919.	1920 average.	1921 average.	Aug., 1921.	Sept., 1921.	Aug., 1922.	Sept., 1922.
<b>INDIVIDUAL COMMODITIES:</b>								
Pig iron (merchant).....	351	14	97	34	49	66	52	43
Freight cars.....	1,575	8	333	97	9	28	81	518
Structural steel.....	178	27	101	66	62	89	122	116
Baths, enamel.....	215	12	53	59	89	82	118	114
Lavatories, enamel.....	262	27	73	77	87	92	131	135
Sinks, enamel.....	222	25	65	73	81	88	117	128
Sanitary pottery.....	171	7	34	43	42	53	171	205
Oak flooring.....	260	23	54	119	129	141	220	187
Maple flooring.....	135	17	36	63	75	68	84	85
Redwood lumber.....	157	21	77	74	83	87	121	96
Clay fire brick.....	174	33	120	45	47	50	102	116
Leather belting.....	129	35	98	42	48	44	83	67
Abrasive paper and cloth.....	148	40	111	65	72	77	109	.....
Fine cotton goods.....	127	5	26	81	117	120	72	129
Elastic webbing.....	129	25	87	81	89	94	.....	.....
Paper.....	147	71	127	89	91	97	129	.....
Printing <sup>1</sup> .....	168	106	148	121	120	121	116	.....
Optical goods <sup>1</sup> .....	143	47	114	73	60	73	85	96
<b>DISTRIBUTION MOVEMENT:</b>								
Wholesalers <sup>2</sup> .....	107	62	99	87	96	95	106	104
Mail-order houses <sup>1</sup> .....	136	90	102	71	60	71	59	72
Chain stores <sup>1</sup> .....	242	82	118	124	116	114	131	136
<b>SERVICES:</b>								
Postal receipts <sup>1</sup> .....	145	95	113	113	105	111	116	124
Telephone receipts <sup>1</sup> .....	154	114	123	147	148	146	165	.....
Telegraph tolls <sup>1</sup> .....	125	98	120	106	108	110	120	.....
<b>Railroad revenues—</b>								
Passengers <sup>1</sup> .....	135	84	109	98	111	102	103	.....
Freight <sup>1</sup> .....	162	91	122	110	119	119	110	.....
<b>Advertising—</b>								
Magazine.....	144	58	122	78	70	78	79	101
Newspaper.....	129	85	114	103	85	100	92	105
<b>SECURITIES:</b>								
Stocks.....	110	35	72	55	42	49	68	84
Bonds.....	178	67	105	94	74	106	101	95
Municipal bonds (new) <sup>1</sup> .....	489	61	100	180	189	166	127	.....
Life insurance <sup>1</sup> .....	122	87	120	102	90	87	106	97

<sup>1</sup> Items based on value. <sup>2</sup> Relative proportion of orders to total transactions.

## PRICES.

The wholesale price index of the Department of Labor showed a drop of two points in September, bringing it to 153, compared to 100 as the 1913 average. This decline was due entirely to the drop in the prices of fuel, particularly coal. The group of fuel and lighting declined 10 per cent during the month, while all other groups showed an increase with the exception of foods and chemicals and drugs, which showed no change. The index of metals and metal products increased 6.3 per cent and building materials rose 4.7 per cent.

Both Dun's and Bradstreet's index numbers, in which fuel and lighting have relatively little weight, showed increases for the month of September. The regrouping of the Department of Labor prices by the Federal Reserve Board shows a decrease of 2.9 per cent in agricultural products for the month; a decline of 9.6 per cent in mineral products and a total decline for all raw materials of 2.9 per cent.

The retail food price index of the Department of Labor rose one point, or to 140 in September. The quarterly figures on the cost of living compiled by the Bureau of Labor Statistics showed a decline of 0.2 per cent in the total during the third quarter of this year. The index number stands at 166.3, compared to 100 in 1913. There was an increase of 5.4 per cent in the cost of fuel and light as compared with the second

quarter and a rise of 0.1 per cent in the cost of housing. Other items declined slightly or remained stationary.

The monthly index of the cost of living compiled by the National Industrial Conference Board rose one point in September. This index number now stands at 156, compared with 165 a year ago.

The prices of individual commodities as given on pages 4 and 5 show clearly the declines which occurred in farm products and foods, and the marked increases in metals and building materials. Of the 9 farm products on which relative prices to the producer are given, 6 declined; 2, wheat and lambs, increased; and 1, wool, showed no change in September. The decline of 20.4 per cent in the price the farmer received for potatoes and 22.1 per cent in the prices of cottonseed are particularly marked. Both declines are largely seasonal, but the former is due especially to the very large crop.

Of the 52 remaining wholesale market prices shown in the table on page 4, 27 advanced, 15 declined, and 10 remained unchanged. A month ago these same 52 commodities showed 23 advances, 20 declines, and 9 without change. The most marked increases in September occurred in pig iron, lumber, and steel beams.

## TEXTILES.

Receipts of wool at Boston in September totaled only 21,304,000 pounds, or approximately half the amount received in August. This seasonal decline makes the September receipts the smallest for any month since last December. Total receipts so far this year are about 15 per cent greater than for the same months of 1921.

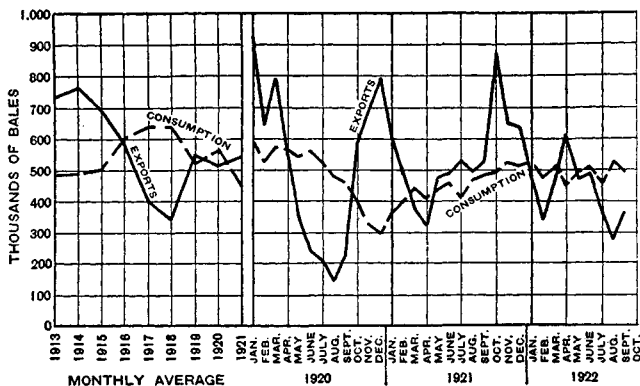
Woolen and worsted machinery showed a marked increase in activity compared to recent months. This increase occurred in all classes of machines. Prices of wool and of woolen manufactures showed little change compared with the last few months.

The Bureau of the Census is now compiling monthly figures on the mill consumption of wool exclusive of the American Woolen Co. and a few small firms who are not disposed to submit their figures voluntarily. This has necessitated omitting any comparison with monthly figures prior to 1921, when the American Woolen Co. was reporting. Furthermore, the figures on annual consumption compiled from production, plus imports, less exports for the years 1913 to 1918, have also been omitted from the tables, since such figures are hardly comparable with the present monthly compilations. The consumption figures now being compiled are sufficient to give the general trend of this movement.

A small decline occurred in the consumption of cotton by textile mills in September, although the total of 495,344 bales is slightly above the average consumption for the preceding eight months of this year. Exports of cotton were some 95,000 bales greater than the very low record in August, but still far below what they were a year ago. September

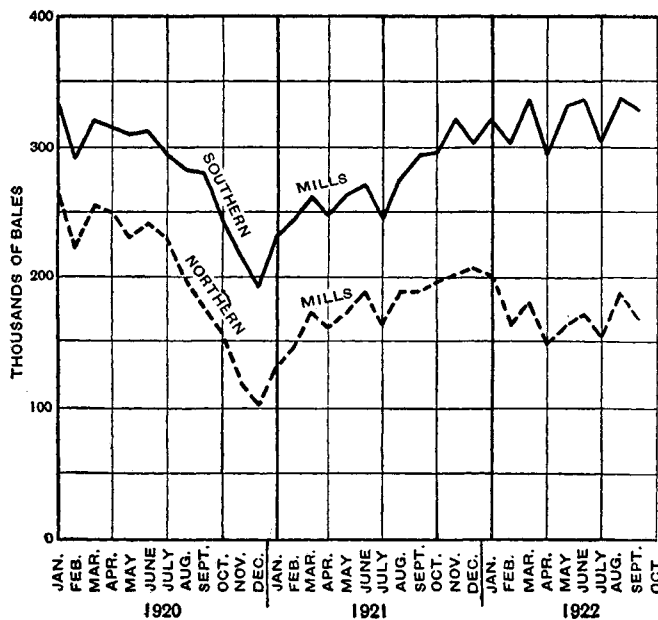
exports amounted to 368,890 bales. The average monthly exports for the first nine months of this year have been approximately 430,000 bales. For the same period last year exports averaged 480,000 bales per month, while in the pre-war years exports averaged more than 700,000 bales per month. Thus, while domestic consumption of cotton is about on a level with the pre-war figures, exports average only about 60 per cent of the 1913 movement.

EXPORTS AND CONSUMPTION OF COTTON.



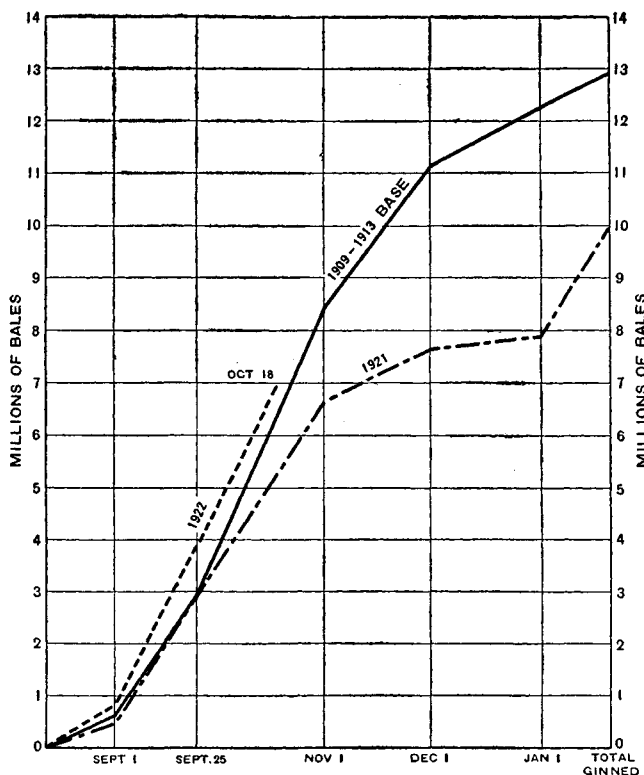
Stocks of cotton showed the customary seasonal increase during September. The rise in mill stocks amounted to only 40,000 bales, but warehouse stocks at the end of September totaled 3,218,000 bales, or more than double the warehouse stocks a month previous. There was a slight drop in the New York price of cotton, while the price of cotton manufactures remained relatively stationary, compared with August.

COTTON CONSUMPTION IN NORTHERN AND SOUTHERN MILLS.



Imports of cotton in the first 21 days of September, the period covered by the import record of that month, amounted to only 4,628 bales, or 68 per cent less than the comparatively low figure for August. Total imports in the first 9 months of this year have been 69 per cent larger than during the same months of 1921. Exports of cotton cloth totaled 51,302,000 square yards in September, a slight increase over August, but less than in other recent months.

COTTON GINNED TO SPECIFIED DATES.



There was a slight decline in the production of knit underwear during September according to the association report. Shipments also fell off, but orders received and unfilled orders on hand increased. Compared with a year ago, this industry is on a very much better basis. The production of fine cotton goods in New England increased somewhat in September while sales were 78 per cent greater than in August.

Silk consumption, as measured by warehouse withdrawals, totaled 34,212 bales in September, or only a little below the high record attained in August. Stocks of raw silk showed a large increase in September, with a total of 36,795 bales on hand. This is the largest holding reported since December, 1920. The New York price of raw silk increased more than 50 cents per pound in September.

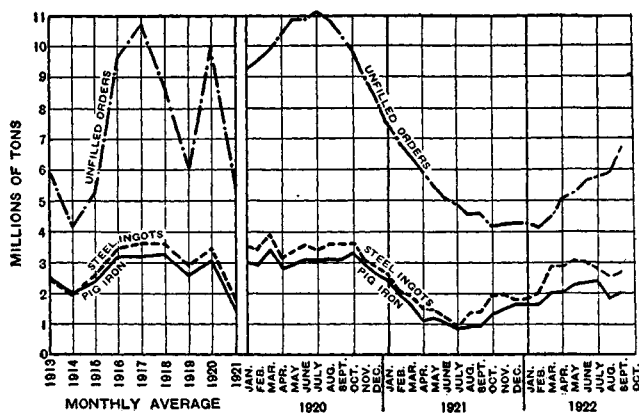
## METALS.

The production of both pig iron and steel ingots recovered somewhat after the decline in August, due to the fuel situation. The September pig-iron production totaled 2,034,000 tons, or 218,000 tons more than in August, but still below the recent peak of 2,405,000 tons reached in July. Steel-ingot production, prorated to 100 per cent, rose from 2,532,000 tons in August to 2,714,000 tons in September, but is below the maximum reached in May of 3,099,000 tons. Ingot production, so far this year, is nearly 70 per cent ahead of the same months of 1921, while pig-iron production is 50 per cent greater. Merchant pig-iron production increased in September, but shipments, unfilled orders, and stocks all declined.

Exports of iron and steel declined sharply in September, giving the lowest figure since the latter months of 1921. Exports so far this year are about one-third less than for the same months of 1921.

Unfilled orders of the United States Steel Corporation continued to increase in September, reaching a total of 6,692,000 tons, or 742,000 tons more than at the end of August. The movement of iron ore through the Sault Ste. Marie Canal showed a decline of nearly 2,300,000 tons compared with August. The prices of all iron and steel products rose sharply during September. Pig iron continued to show the largest increases. The composite figure compiled by the Iron Age showed a rise of 17 per cent over August.

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



The production and shipments of sheets decreased in September compared with August, but sales and unfilled orders both increased.

Sales of structural steel showed a slight seasonal decline in September. The tonnage booked during that month was equivalent to 61.9 per cent of the shop capacity. Figures compiled by the Department of Commerce from 137 identical fabricators for each of the last six months indicate the recent trend in this industry. The total shop capacity of the 137 firms was equal to 218,155 tons per month. The actual sales reported were as follows:

## FABRICATED STRUCTURAL STEEL SALES.

(Reported by 137 firms with a capacity of 218,155 tons per month.)

MONTH.	Tonnage booked.	Per cent of capacity.
April.....	188,873	86.6
May.....	170,166	78.0
June.....	151,511	69.5
July.....	140,829	64.6
August.....	141,561	64.9
September.....	135,069	61.9

Shipments of locomotives declined in September compared to the preceding months, but unfilled orders increased. There was a very large increase in the orders for domestic freight cars. According to the figures compiled by the Iron Trade Review, freight-car orders in the first 9 months of this year have totaled 126,020, compared to only 8,000 in the corresponding months of last year.

Copper production in September totaled 95,665,000 pounds, or about 5 per cent less than in August. The August output represented the maximum production for the 21 months for which these monthly figures are available. For the 9 months of this year, copper production has totaled 677,367,000 pounds, which is about two-thirds more than the production in the corresponding period of 1921. Exports of copper decreased in September continuing the downward movement noted last month. Total exports in September amounted to 58,167,000 pounds.

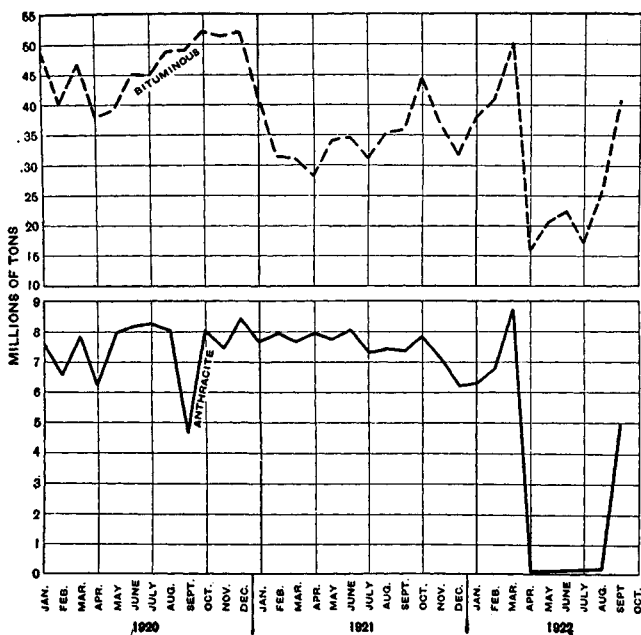
The production of zinc increased in September, reaching the highest figure recorded since November, 1920. Stocks continued to decline, and at 37,612,000 pounds established a new low record for recent years. Both receipts and shipments at St. Louis were less than in August. Stocks of tin also declined in September.

The prices of zinc and lead rose during September, while tin declined slightly and copper showed no significant change.

## FUEL.

The resumption of bituminous mining at the beginning of September caused the output for the month to rise to 40,964,000 tons, compared to 22,328,000 tons in August. The September production is the largest since October a year ago except for March, when stocks were being built up in anticipation of the strike. Bituminous production has been maintained at an average of about 10,000,000 tons a week ever since the settlement of the strike. The present rate of production is limited only by the ability of the railroads to handle the product. The production of bituminous coal in the first nine months of 1922 has amounted to 267,627,000 tons, compared to 302,804,000 tons in same months of 1921. Bituminous production is thus only 11.6 per cent behind last year's production; but consumption is much greater this year, and more bituminous must be used as a substitute for anthracite. The rate of production increased slightly in the first two weeks of October, due to better transportation facilities.

COAL PRODUCTION.



Anthracite production increased from 161,000 tons in August to 4,979,000 tons in September. Mining in the anthracite field was not resumed until the second week in September, consequently the output for the month is considerably below the 7,000,000 to 8,000,000 tons normally produced. Recent reports show that anthracite production is now averaging about 2,000,000 tons per week. Anthracite production so far this year has amounted to only 27,178,000 tons or 60.8 per cent less than was produced in the corresponding months last year.

Coke production, both beehive and by-product, increased in September. The total production by both processes was 2,850,000 tons, compared to 2,333,000 tons in August.

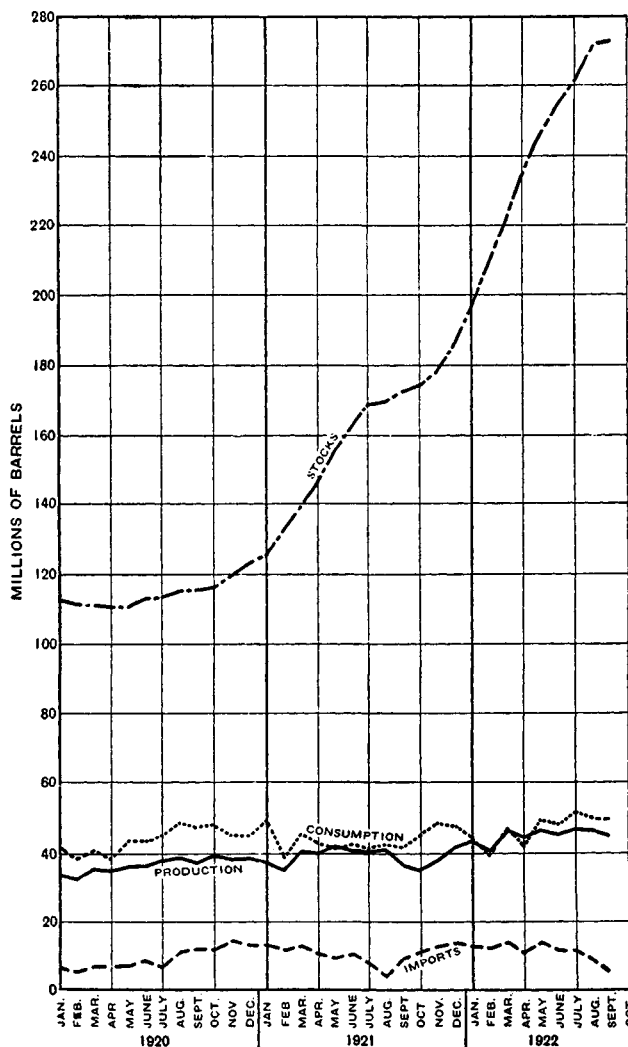
Exports of coal and coke showed a marked increase in September. The total for bituminous of 1,175,000 tons is the largest for any month of this year except March.

Prices of coal and coke were slightly lower in September, and since the 1st of October still greater recessions have occurred. The weighted mine average price, compiled by the Coal Age from 14 representative fields, reached its maximum of \$6.73 per ton the last of July. Since that time this price has declined to \$4.19 in the last week of October. Before the strike this mine average price was about \$2.20. The success of the measures adopted to control the price of coal during the strike may be judged from the fact that in August, 1920, the mine average price rose to above \$9.50, while during the recent strike, with supply conditions infinitely worse, the maximum reached was \$6.73.

The production of crude petroleum in September amounted to 45,246,000 barrels, a slight decline, com-

pared with the four preceding months. Production so far this year has exceeded the corresponding months of 1921 by about 50,000,000 barrels, or nearly 15 per cent. September consumption amounted to 49,610,000 barrels, compared to 50,141,000 barrels in August. Stocks of crude petroleum again increased, and at 273,264,000 barrels represents a new high mark. The price of Kansas-Oklahoma crude remained unchanged at \$1.25 per barrel, which is 50 per cent less than the price in the early months of this year.

PRODUCTION, CONSUMPTION, IMPORTS, AND STOCKS OF PETROLEUM.

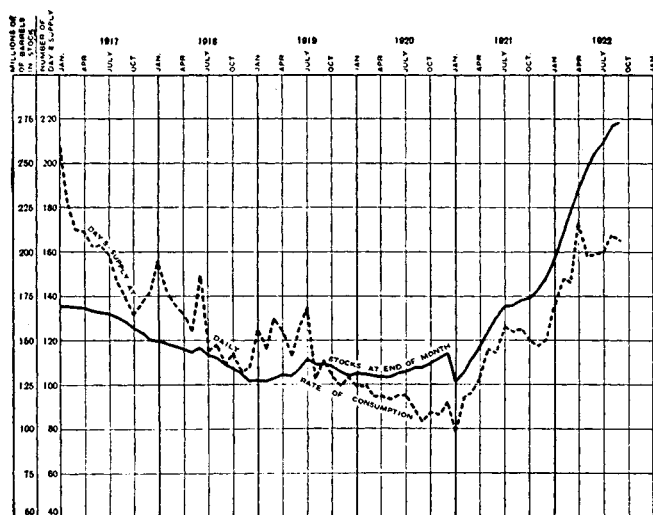


The production of gasoline in August, the latest month available, totaled 549,958,000 gallons, or 20,000,000 gallons less than the high mark reached in July. Gasoline consumption made a large increase, and at 583,688,000 gallons in August marks the largest figure so far recorded for this movement. Gasoline stocks declined and were nearly 200,000,000 gallons below the peak reached last April. Exports of gasoline declined in August but rose again in September.

The production of kerosene during August amounted to 184,383,000 gallons, a decline of about 6 per cent, compared to the relatively high figure recorded in

July. Stocks declined nearly 30,000,000 gallons during August. The production of both lubricating oil and gas and fuel oil also declined in August.

STOCKS OF PETROLEUM AS REPORTED AND AS TRANSLATED INTO DAYS' SUPPLY.



**PAPER AND PULP.**

The production of newsprint paper declined in September from the high point reached in August. However, the output of 125,402 tons is considerably above the average and is far ahead of any month of last year. Shipments totaled 126,494 tons, while consumption by publishers increased nearly 10 per cent over August. Stocks showed little change. There was a slight increase in the spot market price, while contract prices showed a small decline.

Paper purchases by printers were considerably heavier in August than in the preceding months. Printing activity was also greater.

A further increase occurred in the production of corrugated board for paper box containers, compared with preceding months. The production of solid fiber board declined slightly. In the folding box and label industries declines occurred in both production and new orders, although these movements were on a much higher level than a year ago.

**AUTOMOBILES.**

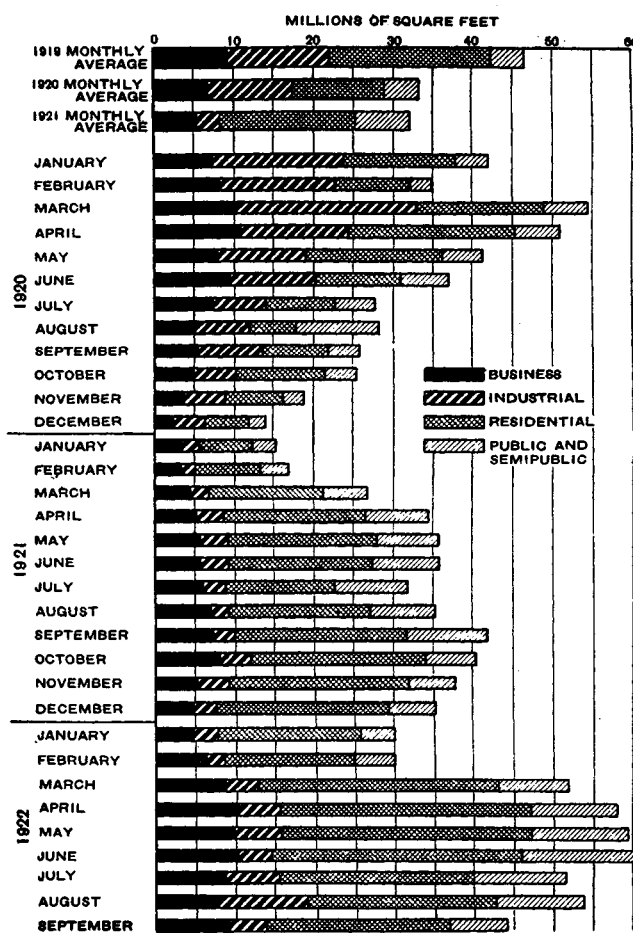
The production of automobiles and trucks declined in September, compared to preceding months. The production of passenger cars totaled 186,562, the lowest figure recorded since March. Truck production dropped from 24,200 in August to 18,843. The maximum monthly production for the year was recorded in June, with totals of 263,027 passenger cars and 25,984 trucks. The September drop was partly sea-

sonal and partly due to the closing of the Ford factory for a part of the month because of fuel shortage.

**BUILDING OPERATIONS.**

The cost of building construction continued to rise during September. The price of building material to contractors as reported to the Department of Commerce from some 50 cities showed further increases during the month. The index number for the cost of material in a six-room frame house rose from 189 in August to 193 in September. For a six-room brick house the index of material costs rose from 193 to 197. In November, 1921, these index figures were 166 and 173 for a frame and brick house, respectively. In both instances the average cost for 1913 is taken as 100. The index number of the cost of a standard concrete factory building as compiled by the Aberthaw Construction Co. rose from 190 in August to 192 in September. This latter index includes not only cost of material, but also the cost of labor. A year ago the index of the cost of a concrete factory building stood at 160, compared to an index number of 265 when building costs were at their peak in July, 1920.

VOLUME OF BUILDING CONTRACTS AWARDED, BY CLASSES.



Contracts awarded for building construction in the 27 northeastern cities showed a seasonal decline in September, both in amount of floor space and in the total cost. The total floor space included in the contracts awarded in September amounted to 44,275,000 square feet, compared with 54,019,000 square feet in August. The total floor space in contracts awarded during the first nine months of 1921 has amounted to 440,589,000 square feet, an increase of 61 per cent over the corresponding months of 1921. The total value of contracts awarded in September was \$271,493,000, a decline of about \$50,000,000 from the total for August. Contracts awarded for residential buildings were approximately the same both in floor space and value in August and September. Contracts for industrial buildings showed a marked decrease in the latter month.

Fire losses in September, according to figures compiled by the New York Journal of Commerce, reached the highest total hitherto recorded. The total value of these losses for the month is given as \$41,515,000, or almost double the losses reported for August. Fire losses during the first nine months of 1922 have exceeded the losses in the corresponding months of last year by more than 17 per cent.

#### BUILDING MATERIALS.

On the whole there was a slight decline in the production of lumber during September. The most important drop was that shown by southern pine, where the production on the basis reported in this bulletin declined from 479,138,000 feet in August to 445,258,000 feet in September. The production of Douglas fir showed no significant change from the preceding month, although the September total of 477,222,000 feet was a fraction of a per cent greater than the output in August. The remaining species of lumber so far reported showed no significant change with the exception of northern pine lumber and lath. In each of these two latter items production declined nearly 20 per cent compared with August.

In most instances shipments of lumber were smaller in September than in August, due to transportation difficulties. Stocks of lumber, where reported, showed a very material increase during the past month. Mill stocks of southern pine increased approximately 90,000,000 feet during the month, while stocks of western pine showed an increase of 125,000,000 feet. The September price of "B" and better southern pine rose from \$46.12 per thousand feet in August to \$49.45 in September. A year ago this grade of lumber was selling at \$35.79. No. 1 common Douglas fir showed a price increase of 18 per cent in September. The present price of \$19.50 per thousand feet is almost double the price for the same grade of lumber a year ago.

The first decline reported for many months in the production of flooring occurred in September. The output of oak flooring was 13.6 per cent less than in August, while maple flooring declined 4.1 per cent. Shipments also declined in both species. Orders booked showed a significant decline in the case of oak flooring, but for maple there was a slight increase in this item. Stocks on hand showed practically no change from the preceding month.

The production of clay fire brick declined slightly in September compared with August, but the output is still greater than in any other month during the past year. Shipments increased in September and, with a total of 52,693,000 bricks, represent the peak of this movement since the closing months of 1920. There was a slight decline in stocks on hand, but a significant increase in new orders and in unfilled orders at the end of the month. The production of silica brick increased 33 per cent in September and establishes a new high record for this commodity since the close of 1920. The production of face brick also increased during September, although the output was not so great as in the months of May, June, and July. Shipments were smaller than in any recent month, while stocks and unfilled orders both increased.

The production of Portland cement in September amounted to 11,424,000 barrels. This was a slight decline from the maximum output of 11,664,000 barrels reached in August. Shipments were considerably smaller in September, while a further very marked decline occurred in stocks. The total stocks reported at the end of September amounted to only 4,723,000 barrels, which may be compared with the maximum reported last April of 14,470,000 barrels. The price of cement continued to increase in September, and is now higher than at any time since January, 1921.

Shipments of sanitary enamel ware declined in September with the exception of miscellaneous items. Stocks of enamel ware showed further marked seasonal declines.

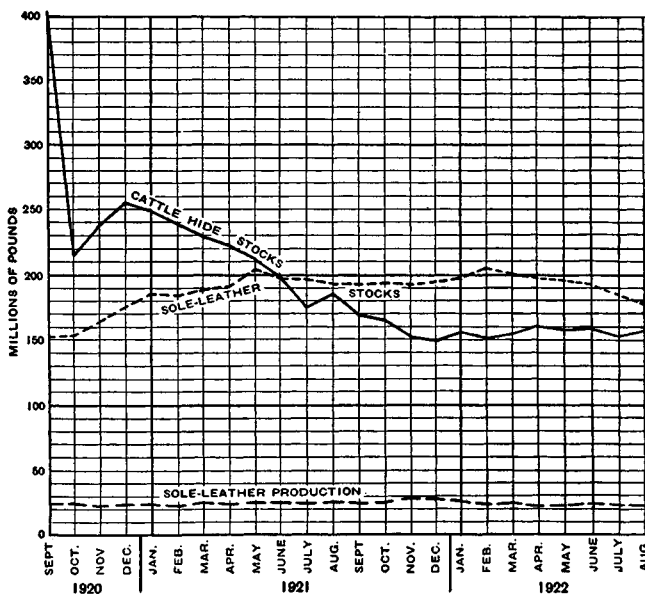
Orders received for sanitary pottery, as reported by the association, increased over 19 per cent in September, compared with August. This industry appears to be on a much higher level than at any time in the past three years.

#### LEATHER.

Figures compiled by the Bureau of the Census show a slight decline in the production of sole leather in September, compared to August, while the output of skivers and of oak and union harness both increased. The figures now compiled on these three movements by the Bureau of Census are not exactly comparable with the figures reported by the Tanners' Council up to and including May, 1922. The Census figures are much more complete and represent approximately the

entire industry, while the Tanners' Council figures covered only about 80 per cent. In order to give some measure of the trend of these movements, index numbers for recent months have been calculated by using chain relatives. The index numbers thus represent the same percentage increases or decreases from month to month as the statistics show, but do not take account of the absolute increase due to the inclusion of more forms.

STOCKS OF CATTLE HIDES (PACKER) AND PRODUCTION AND STOCKS OF LEATHER (SOLE AND BELTING).



Exports of sole leather declined nearly 20 per cent, compared with August. Exports of upper leather showed no significant change. The total exports of sole leather during the first nine months of this year have exceeded the exports in the corresponding months of last year by 50 per cent, while upper leather exports have been 120 per cent greater.

Sales of leather belting declined in September from the high point reached in August. Exports of boots and shoes fell off slightly. This latter movement has been only half as large so far this year as a year ago.

Prices of hides and leather tended slightly higher in September, although the price of hemlock sole remained unchanged.

#### NAVAL STORES.

Net receipts of both turpentine and rosin at the three principal points declined in September after the rise recorded in August. For the year to date the receipts of rosin have been 37 per cent greater while receipts of turpentine were 6 per cent less than a year ago. Stocks of both commodities increased in September. Stocks of rosin were slightly higher than a year ago, while stocks of turpentine were only about half as great as in September, 1921.

#### OIL SEEDS.

Stocks of cottonseed showed the usual seasonal increase in September with a total quantity of 403,223 tons on hand, compared to 390,970 tons a year ago. The production of cottonseed oil in September was 98,609,000 pounds, compared to 99,803,000 pounds in September, 1921. Stocks of cottonseed oil were slightly larger than a year ago. The price of refined oil declined during the month.

Receipts of flaxseed at Minneapolis and Duluth were much larger than a year ago, while shipments were less. Stocks of seed declined at Minneapolis but increased at Duluth. Shipments of linseed oil were more than double this movement in August and much larger than a year ago. Shipments of linseed-oil cake showed even larger increases over the corresponding periods than in the case of oil. For the year to date both movements were below the nine months of 1921.

#### CEREALS.

Exports of wheat and flour in September were equivalent to 31,839,000 bushels, a decrease of 18 per cent, compared with August. Exports in the first nine months of this year have been 41 per cent less than in the corresponding months of 1921. Receipts and shipments of wheat in the principal markets were also less in September than in August and considerably smaller than in the month of September last year. To a considerable extent a slower movement of wheat this year is due to transportation difficulties, although the unsatisfactory price has kept much of it off the market. The price of No. 1 northern wheat at Chicago declined again in September, reaching a price of \$1.13, compared with \$1.37 for the same grade of wheat a year ago. There was a slight increase in the Chicago price of No. 2 winter, but this, too, is well below the corresponding price a year ago. The price of flour at both Minneapolis and Kansas City declined in September.

Exports of corn, including meal, showed a further marked decline in September. The total exports, equivalent to 9,769,000 bushels, were nearly 27 per cent less than the August movement. Receipts at principal markets increased during the month, although shipments were slightly less. A further increase occurred in grindings of starch and glucose manufacturers. A slight rise occurred in the Chicago price of No. 2 corn, which now stands about 10 cents a bushel more than the price prevailing a year ago.

Exports of oats, including meal, amounted to 4,870,000 bushels in September. This is the largest export of oats recorded for any month in recent years. The export movement of oats for the nine months of this year totals 27,757,000 bushels, which is 320 per cent greater than the exports in the corresponding months of 1921.



Exports of rye, including flour, also showed a very large increase in September, with a total equivalent to 11,163,000 bushels. This is the largest export movement of rye recorded for any single month. Exports of barley also increased during September.

The exports of all cereals, including flour and meal as grain, were equivalent to 61,312,000 bushels in September, compared to 60,284,000 bushels in August and 67,642,000 bushels in September, 1921. Measured in this way, our cereal exports so far this year are nearly 14 per cent less than in the corresponding period of 1921.

A marked seasonal increase occurred in the movement of rice during September. Receipts at mills were more than double the receipts in August. Shipments from the mills were 50 per cent greater than in the preceding month. Stocks of domestic rice in the hands of mills and dealers increased over 54 per cent in September compared with August.

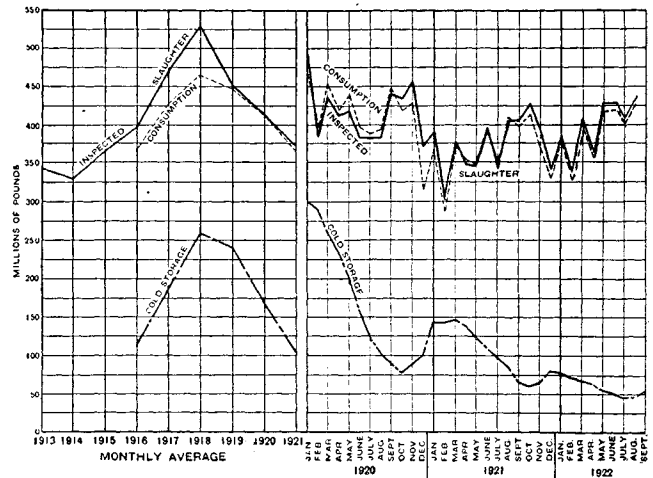
**MEATS AND LIVE STOCK.**

Receipts and shipments of both cattle and hogs at the primary markets were considerably larger in September than in August. This was particularly true with movements of cattle, where receipts showed an increase of over 10 per cent and shipments were approximately 20 per cent larger than in the preceding months. Shipments of stocker and feeder cattle increased 27 per cent and the total of 597,000 head may be compared with 395,000 head reported in this movement a year ago. There was a slight decrease in the number of hogs slaughtered during September, although this movement is considerably in excess of the slaughter in September a year ago. Exports of pork products declined in September. In the first nine months of this year exports of pork products have been 20.8 per cent less than in the corresponding months of the preceding year. In the same period exports of beef have declined 10.5 per cent. Storage holdings of pork declined during September and are now on approximately the same level as a year ago. There was an increase of 11 per cent in the storage holdings of beef last month. Prices of both cattle and hogs increased during September. In both instances prices are now considerably better than they were a year ago. Corn-fed cattle at Chicago were quoted in September at \$10.71 per hundred, compared with \$8.38 a year ago. Heavy hogs sold last month at an average of \$9.17, compared with \$7.95 in September, 1921.

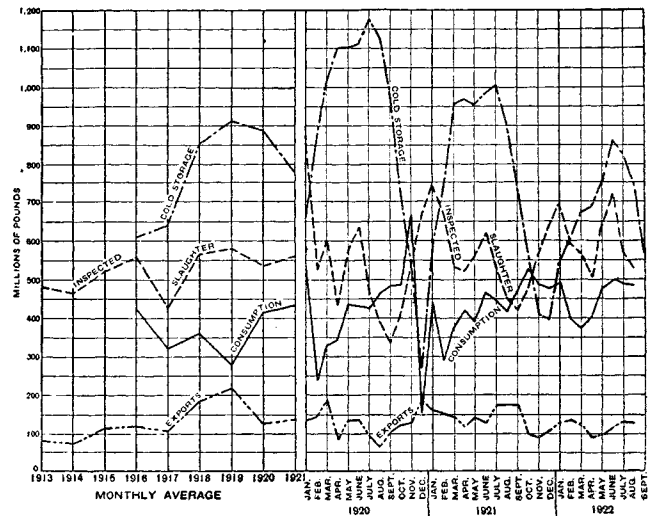
Receipts and shipments of sheep also increased during September. Stocker and feeder shipments were approximately 50 per cent greater than in August and about the same level as in September last year. Prices of sheep in Chicago declined slightly, but lambs brought the highest average price since last April.

Receipts of poultry at five principal markets showed a seasonal increase of about 10 per cent in September. Cold-storage holdings of poultry declined slightly last month.

**INSPECTED SLAUGHTER, CONSUMPTION, AND COLD-STORAGE HOLDINGS OF BEEF PRODUCTS.**



**INSPECTED SLAUGHTER, CONSUMPTION, EXPORTS AND COLD-STORAGE HOLDINGS OF PORK PRODUCTS.**



**OTHER FOODSTUFFS.**

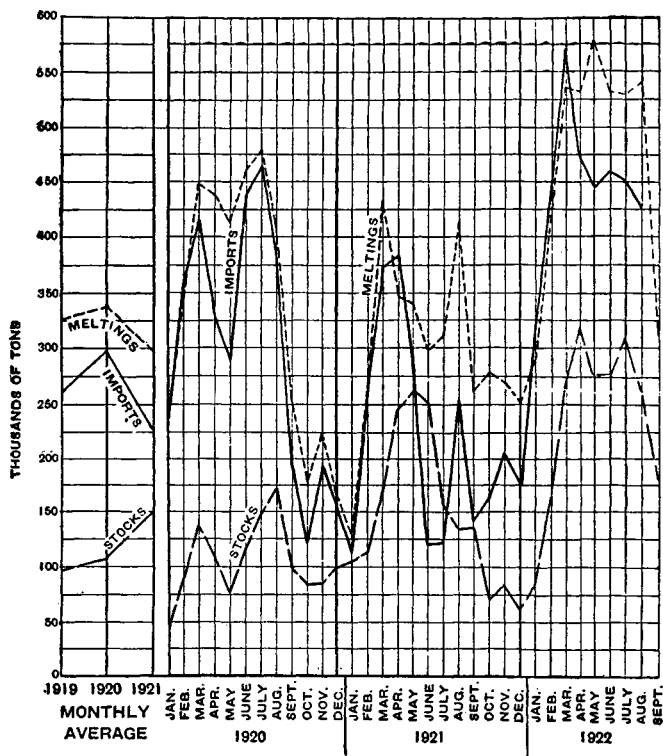
The usual seasonal decline occurred in the receipts of eggs at the principal markets. As usual, a further decline occurred in the holdings of storage eggs during September; however, storage holdings were still a million and a half cases greater than the average for this season of the year. Storage holdings of both butter and cheese also declined during the past month. Average prices were slightly higher than in August.

Exports of condensed and evaporated milk amounted to 10,549,000 pounds in September, which is a decline of about 6 per cent below the August exports and nearly 30 per cent less than the exports in September last year.

Meltings of raw sugar declined from 540,000 long tons in August to 313,000 long tons in September. This is a decrease of 42 per cent for the month, although total meltings so far this year have been 50 per cent greater than in the same period a year ago. Stocks of raw sugar also declined during September, while exports dropped from 89,824 tons to 12,870 tons. Prices of both raw and refined sugar declined in New York, while the average retail price reported by the Department of Labor dropped 2 per cent compared with August.

Further seasonal declines occurred in the Cuban movement of raw sugar. Stocks at the end of September were down to 341,329 tons, compared with stocks amounting to 1,183,488 tons at the end of September last year. Exports of raw sugar from Cuba in September totaled 213,728 tons, which was nearly 40 per cent less than the exports in August, but was almost twice as large as the corresponding movement in September last year.

IMPORTS, MELTINGS, AND STOCKS OF RAW SUGAR.



Beginning with July, 1922, the Bureau of the Census has undertaken to compile monthly reports on the production and stocks of sugar. Up to the time of writing, reports have been issued for the months of July and August. The accompanying table gives the more important figures from these reports. The data from refiners for the months of July and August are not strictly comparable. The July report includes returns from all refiners in the United States except Arbuckle Bros., while for the August report no returns were received either from Arbuckle Bros. or from the Federal Sugar Refining Co.

PRODUCTION AND STOCKS OF SUGAR.

[All figures in short tons of 2,000 pounds.]

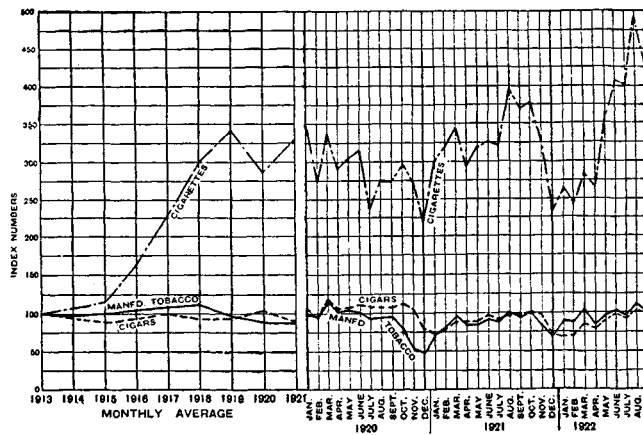
	July.	August.
REFINERIES.		
Production refined.....	500,116	541,104
Sales of granulated by refiners:		
For domestic use.....	432,417	306,687
For export.....	60,217	6,069
Total.....	492,634	312,756
Refiners' stocks of granulated:		
Beginning of month.....	127,070	93,808
End of month.....	95,889	132,474
Raw, received by refiners:		
Imported.....	561,538	570,138
Domestic.....	1,433	3,106
Raw, used by refiners.....	538,328	588,080
Refiners' stocks of raw:		
Beginning of month.....	300,163	293,804
End of month.....	324,763	278,701
CANE SUGAR FACTORIES.		
Production.....	4,447	1,108
Stocks, beginning of month.....	12,407	10,898
Stocks, end of month.....	10,660	4,737
BEET SUGAR FACTORIES.		
Production.....		5,836
Stocks, beginning of month.....	149,786	92,662
Stocks, end of month.....	88,289	54,977

TOBACCO.

Production in the tobacco manufacturing industry underwent a considerable decline in all branches, as compared with August, but was still materially higher than a year ago. Exports increased and the price of Burley tobacco remained unchanged. Stocks of tobacco declined from the previous quarterly report at the end of June and were also lower than a year ago, except for cigar tobacco.

RELATIVE PRODUCTION OF CIGARS, CIGARETTES, AND MANUFACTURED TOBACCO.

[Average monthly production 1913=100.]



WATER TRANSPORTATION.

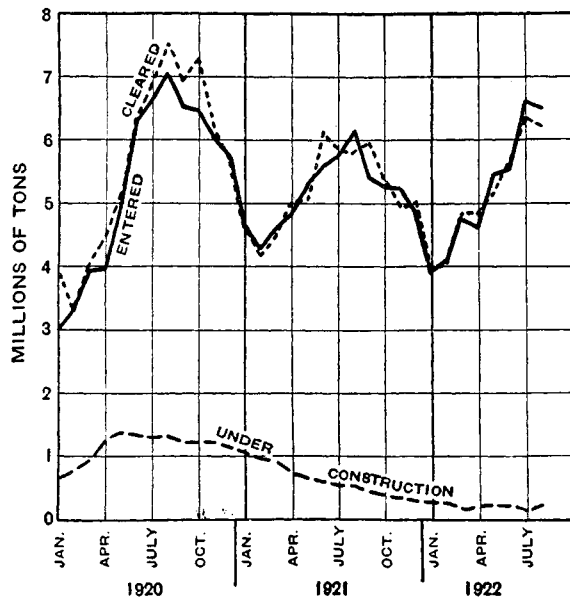
Traffic through the Panama Canal in August was slightly less than the record figure for July. The total cargo movement amounted to 1,166,000 tons, which makes August the second largest month since the canal has been in operation. The tonnage carried in American vessels showed a large increase over recent months, and at 563,000 tons was the largest for any month since the middle of 1920.

Traffic through the Sault Ste. Marie canals amounted to 10,986,000 tons in September, a slight increase over August and 4,500,000 tons more than the corresponding movement in September last year, but still considerably below the 1920 movement when the September tonnage totaled 12,425,000.

Traffic on the New York State canals amounted to 281,000 tons in September, compared with 321,000 tons in August and 269,000 tons in September, 1921.

Ocean freight rates to the United Kingdom and to Europe declined in September, according to the weighted index figures compiled by the Federal Reserve Board.

ENTRANCES AND CLEARANCES OF VESSELS IN UNITED STATES FOREIGN TRADE, AND SHIPS UNDER CONSTRUCTION.



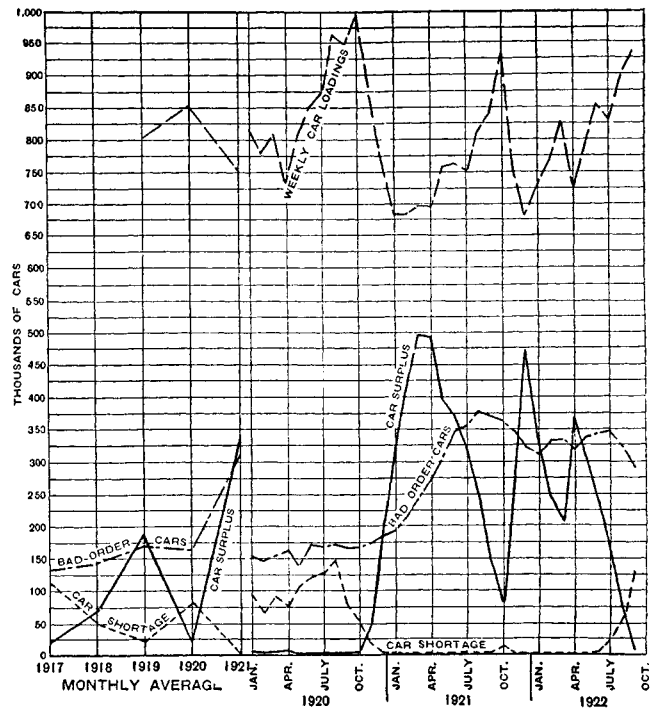
**RAILROAD TRANSPORTATION.**

There was a further marked increase in railroad freight traffic during September. The average weekly car loadings for the month were 934,816, which was an increase of 4.4 per cent over August. Coal loadings, which rose from an average of 98,499 cars in August to 170,512 cars in September, were largely responsible for this increase, although loadings of live stock and miscellaneous freight also increased. In September last year the average weekly total loading amounted to 840,318 cars, or almost 100,000 cars less than in September this year. In the third week of October this year total loadings exceeded 1,000,000 cars, which, with the exception of four weeks in the fall of 1920, is the greatest on record.

The number of surplus idle freight cars declined from 70,455 in August to only 5,843 in September. A year ago there were 172,420 idle cars, while only three months ago, at the end of June, idle cars amounted to 339,225. In place of this surplus of cars there is a constantly increasing shortage that

can not be filled. At the end of last April the railroads reported that there were requests for only 842 cars which were not filled. At the end of August the railroads lacked 58,670 cars to meet their demands, and at the end of September this shortage had increased to 130,325 cars, an increase for the month of 122 per cent. More than half of this number consisted of box cars, while about one-fourth were coal cars.

SHORTAGE, SURPLUS, BAD-ORDER, AND TOTAL LOADINGS OF FREIGHT CARS.

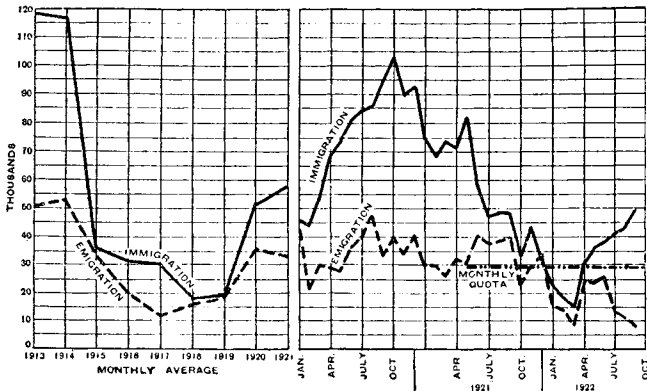


The total operating revenue of class 1 railroads for August was \$473,877,000, an increase of about \$50,000,000 compared with August. This increase practically all occurred in freight revenue. Operating expenses in August amounted to \$387,100,000, an increase of over 22 per cent compared with July, and by far the heaviest operating expense for any month of this year. The net operating income was, therefore, reduced to \$52,580,000, compared with \$69,239,000 in July, \$76,594,000 in June, and \$90,160,000 in August last year. The number of Pullman passengers carried in September was 2,990,000, representing a decline of 3.4 per cent from August, but an increase over September of last year.

**LABOR.**

There was a further increase in the number of workers employed in New York and Wisconsin state factories. The total factory pay roll in New York state increased 4.5 per cent, reaching an index number of 221, compared to 100 in 1914. Unemployment in Pennsylvania declined, reaching a new low record.

IMMIGRATION, EMIGRATION, AND IMMIGRATION QUOTA.

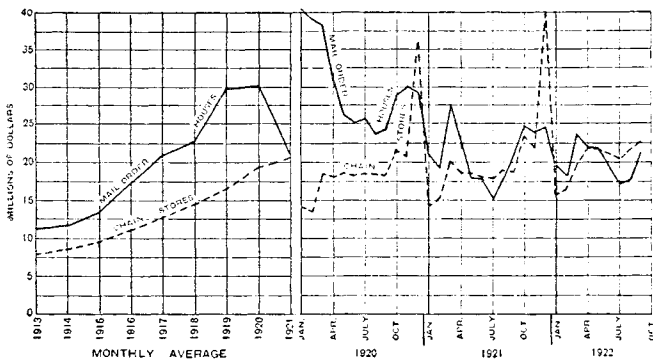


DISTRIBUTION MOVEMENT.

Reports received during recent weeks indicate a marked and significant improvement in the demand for commodities by consumers. This has brought about a much more active condition in both wholesale and retail trade. After a lapse of many months there has been a resumption of rural buying in recent weeks. The combined sales of the two large mail-order houses showed an increase of over 21 per cent in September compared with August.

Chain-store sales also increased in September. This was particularly marked in the case of shoe chains, where a seasonal increase of over 45 per cent was noted, and in music chains, where sales increased nearly 20 per cent for the month. In practically every instance September sales this year were significantly above those in the corresponding month of last year.

SALES OF MAIL-ORDER HOUSES AND CHAIN STORES.



Department-store sales increased 21 per cent in September, with an index number of 103 for the month compared to 93 in September last year. Magazine advertising for the month of October showed another increase of nearly 20 per cent, making the total linage 1,485,000 compared to 1,325,000 in October last year. A corresponding seasonal increase occurred in the September newspaper advertising. Postal receipts increased 6.5 per cent in September.

PUBLIC FINANCE.

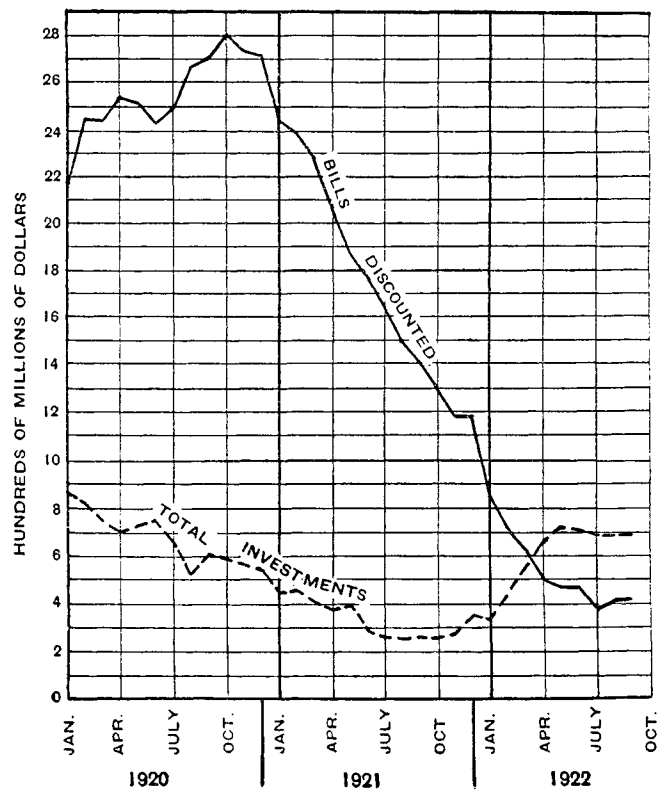
The total interest-bearing debt of the United States showed a further decrease in September. The total debt at the end of the month was \$22,558,000,000, or \$243,000,000 less than the month before. Within the past twelve months the interest-bearing debt has been reduced \$1,117,000,000.

Customs receipts in September totaled \$53,135,000, compared with \$39,012,000 in August. Custom receipts so far this year have been 43.4 per cent greater than a year ago. Ordinary receipts in September totaled \$454,809,000, an increase of 110 per cent over August, due to the income-tax installment, but far less than in September last year, when receipts totaled \$689,328,000. Ordinary disbursements also increased in September and were considerably larger than a year ago. A further increase occurred in the amount of money in circulation. The per capita amount is given as \$41.04 in September, compared with \$39.93 in August and \$213.11 in September last year.

BANKING AND FINANCE.

Debits to individual bank accounts showed a significant increase in September, both in New York City and outside. Preliminary reports indicate that still further increases will be shown by the October figures. Both debits and bank clearings were considerably higher than in the corresponding month of last year.

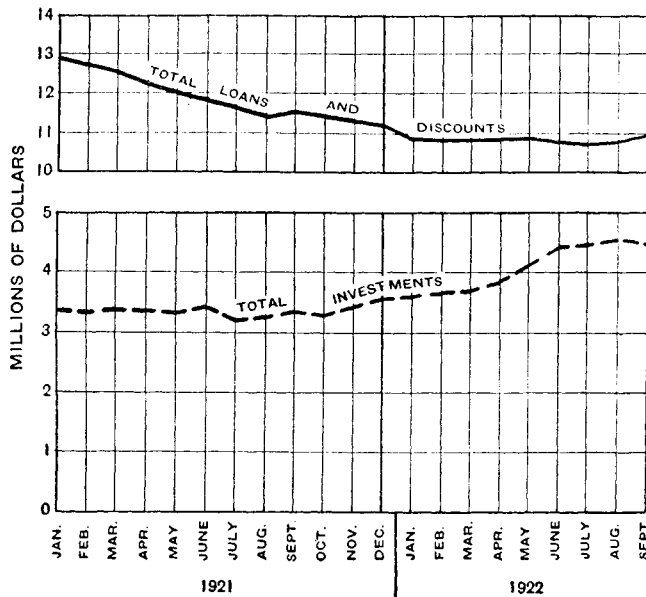
BILLS DISCOUNTED AND TOTAL INVESTMENTS OF FEDERAL RESERVE BANKS.



Bills discounted by the Federal reserve banks showed further increases in September. The total of \$420,000,000 may be compared with the low point of \$380,000,000 in July, 1922, and with \$1,403,000,000 in September last year. There were slight increases in the notes in circulation and in the total reserves of the Federal reserve banks. Total deposits declined slightly, and the reserve ratio dropped from 79.2 to 78.4. A year ago this ratio stood at 69.0.

Federal reserve member bank loans and discounts increased approximately 2 per cent in September, while member bank investments declined for the first time in more than a year.

LOANS AND DISCOUNTS AND TOTAL INVESTMENTS OF FEDERAL RESERVE MEMBER BANKS.



Interest rates on both call and time loans showed a marked increase. The rate on 60 to 90 day commercial paper rose from 3.93 per cent in August to 4.18 for September. The low point in interest rates was reached in July, when the average for time loans stood at 3.78 per cent.

Savings banks statistics from seven Federal Reserve districts showed an increase in deposits in six districts and a decline in one (Philadelphia). United States postal savings deposits showed a further decline.

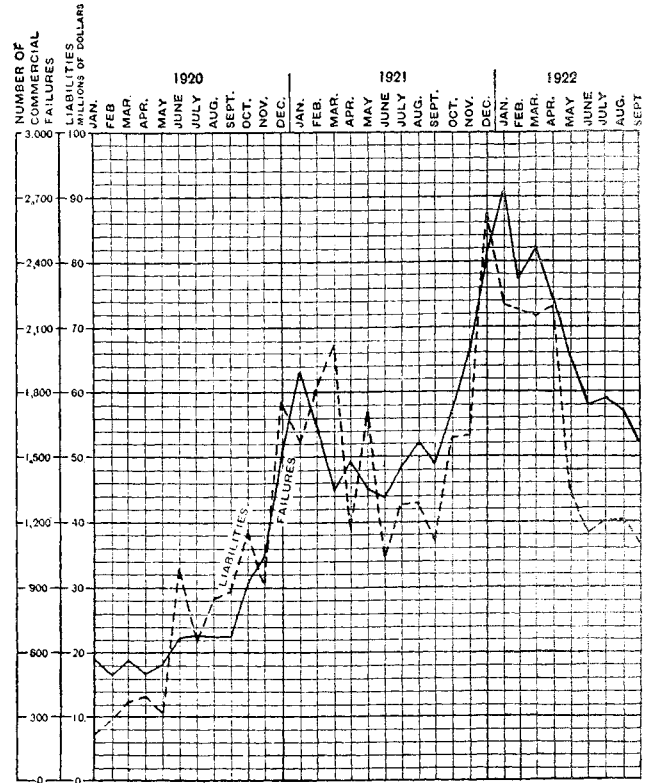
**LIFE INSURANCE.**

Reports compiled by the principal life insurance companies showed a further decrease of 6 per cent in the amount of new insurances written in September compared with August. The total insurance written by these companies, which represent about 77 per cent of the total insurance outstanding, has amounted to \$4,620,606,000 in the first nine months of this year. This is an increase of more than 9 per cent over the new business written in the corresponding months of 1921. The largest increase has occurred in group insurance, which for the nine months is 127 per cent greater than last year.

**BUSINESS FINANCES.**

The number of failures reported for September was 1,566, a decrease of 8.6 per cent compared with August, and the smallest reported for any month in more than a year. Total liabilities amounted to \$36,908,000, which is also less than either the liabilities in the preceding month or the corresponding month a year ago.

NUMBER OF BUSINESS FAILURES AND AMOUNT OF DEFAULTED LIABILITIES.



Dividend and interest payments in September totaled \$3,566,507,000, showing a seasonal increase of over 47 per cent, compared with August. New capital issues also showed a marked increase in September compared either with the preceding month or with September last year. For the first three quarters of 1922 new capital issues have been one-third greater than in the corresponding period of 1921.

There were further increases in the prices of both industrial and railroad stocks on the New York Exchange during September. The average price of 25 industrials stood at 107.02 in September compared with 103.68 in August and 74.10 in September last year. Compared with the average prices in 1913 these 25 industrials now show an increase of 84 per cent, while the 25 railroad stocks average 17 per cent less than the corresponding price in 1913. Stock sales on the New York Exchange totaled 21,775,000 shares in September, an increase of 22 per cent over August, but considerably less than the sales in the months of March to June of this year.

Bond sales on the New York Exchange showed a marked decrease compared with August. The total

sales of miscellaneous bonds amounted to \$203,184,000, a decline of nearly 9 per cent from the total in August. Bond prices continued to rise according to the index numbers compiled by Dow, Jones & Co. The combined index for prices and yield for 40 representative bonds stood at 77.47 in September, compared to 76.80 in August and 60.74 in September last year.

Receipts of gold at the mint showed a decline of 13 per cent in September, although the total for the nine months of this year is considerably above the corresponding figure for last year. Imports of gold totaled \$29,316,000 in September, an increase of nearly \$10,000,000 over August. Imports of gold so far this year have amounted to \$214,408,000, which is 62 per cent less than the imports in the first nine months of 1921. The Rand output of gold remained practically the same as in August.

The production of silver in September amounted to 5,325,000 fine ounces. This is a decline of 4.3 per cent, compared with the output in August, but other than that it represents the largest production for any month in almost two years. Imports of silver increased in September and for the nine months of this year are 20 per cent greater than a year ago. The price of silver increased slightly both at New York and at London.

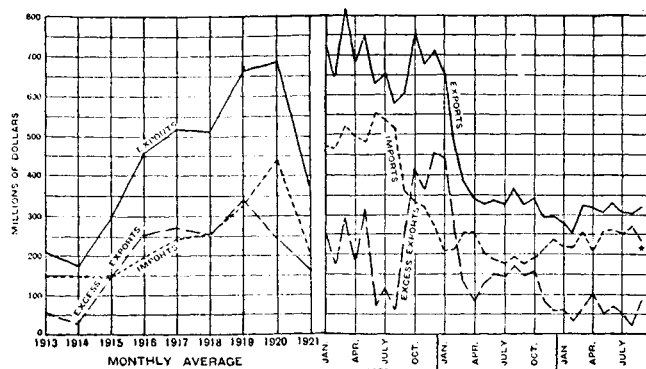
#### FOREIGN TRADE.

Exports in September were valued at \$317,000,000, an increase of nearly 5 per cent over August, but somewhat less than in September last year. Imports were reported for only the first 21 days of September—up to the time the new tariff law went into effect. During this period imports were received to the value of \$232,000,000. It is probable that from \$80,000,000 to \$100,000,000 more would be added to the September figures if they covered the full calendar month.

Foreign exchange rates declined on the average during September. The rate on sterling fell off 3 cents, while small declines occurred in Italian, Belgium, and Swiss rates. Rates for France and the Netherlands remained unchanged. Canadian exchange rose to par, while Argentine and Brazilian rates were lower. The revised index of foreign exchange compiled by the

Federal Reserve Board fell off one point, standing at 68, compared to 100 as par.

#### IMPORTS AND EXPORTS OF THE UNITED STATES.



\* Covers only the first 21 days in September.

#### TRADE OF FOREIGN COUNTRIES.

Because of the large size of this publication and the increasing amount of available domestic data, it has been decided to discontinue the tables on the trade of foreign countries with the exception of Great Britain and Canada. An understanding of the movements in these two latter countries is of particular significance to domestic trade. Those who wish to follow the trade of other foreign countries will find the figures given currently in Commerce Reports, published weekly by this department.

Trade of the United Kingdom showed a marked decline in imports in September and an increase in exports. For the nine months of 1922 British imports are 12 per cent less than a year ago, while exports are 1.4 per cent greater. Large increases have occurred in the exports of many important commodities. Coal exports so far this year are 240 per cent greater than last year. Iron and steel exports have increased over 100 per cent, while exports of textile manufactures are from 60 to 70 per cent greater.

Canadian trade declined in both imports and exports in September compared with the high record of August. Exports of canned salmon and cheese increased. Wheat exports declined from the August figure, but they are still considerably larger than a year ago.

## INDEXES OF PRODUCTION AND MARKETING.

In recent numbers of the Survey there have been published detailed discussions of certain index numbers of production and marketing dealing particularly with raw materials. The following tables give the recent figures for each of these index numbers, compared with the corresponding months of 1921. The methods of compiling these indices and the weighting factors used are discussed in detail in the issues of the Survey referred to.

**INDEX OF PRODUCTION OF RAW MATERIALS.<sup>1</sup>**  
[Relative production 1919=100.]

	1921		1922			
	Aug.	Sept.	June.	July.	Aug.	Sept.
Total.....	<sup>2</sup> 110.6	120.2	<sup>2</sup> 91.5	90.1	106.8	.....
Minerals (total).....	<sup>2</sup> 98.2	93.3	<sup>2</sup> 85.6	<sup>2</sup> 84.4	<sup>2</sup> 91.5	114.8
Animals.....	96.4	94.9	113.6	105.7	101.0	71.4
Crops.....	<sup>2</sup> 126.8	151.2	75.6	79.4	114.9	163.9
Forestry.....	93.0	88.9	<sup>2</sup> 127.9	115.9	124.8	.....

<sup>1</sup> For complete table and discussion see September (No. 13) issue of the Survey.  
<sup>2</sup> Revised.

**INDEX NUMBERS OF MINERAL PRODUCTION.<sup>1</sup>**  
[Relative production 1919=100.]

	1921		1922			
	Aug.	Sept.	June.	July.	Aug.	Sept.
Total production <sup>2</sup> .....	<sup>2</sup> 98.2	93.3	<sup>2</sup> 85.6	84.4	91.5	114.8
Petroleum.....	129.9	116.1	144.5	147.8	147.5	143.5
Bituminous coal.....	92.5	94.0	58.4	44.5	58.5	107.3
Anthracite coal.....	101.6	100.6	1.1	1.6	2.2	67.8
Iron ore.....	100.6	82.9	160.0	205.3	205.2	152.9
Copper.....	20.0	19.5	88.8	84.9	94.1	89.2
Lead.....	93.2	91.5	108.2	107.4	<sup>2</sup> 117.5	123.1
Zinc.....	38.8	38.1	151.3	<sup>2</sup> 168.4	166.7	175.8
Gold.....	94.5	57.1	78.0	93.8	104.8	90.9
Silver.....	85.1	89.2	100.8	91.9	117.7	112.7
Total, excluding lead, gold, and silver.....	<sup>2</sup> 98.6	93.9	<sup>2</sup> 85.3	83.9	90.6	115.1

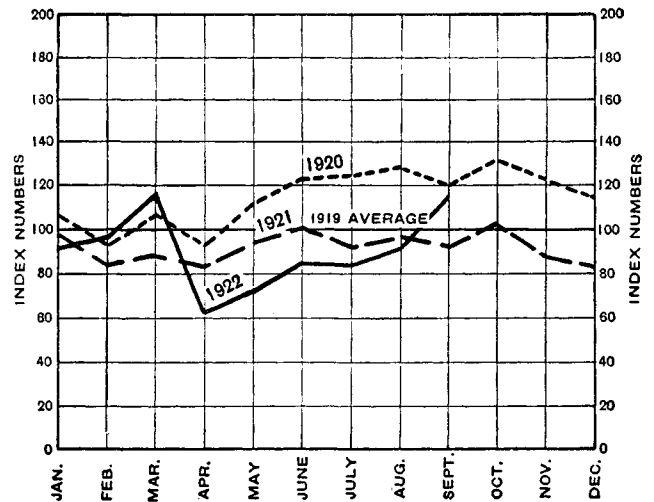
<sup>1</sup> For complete table and discussion see September (No. 13) issue of the Survey.  
<sup>2</sup> Revised.

**INDEX OF MINING PRODUCTION.<sup>1</sup>**  
[Relative production, 1909-1913=100.]

	1921		1922			
	Aug.	Sept.	June.	July.	Aug.	Sept.
Total.....	<sup>2</sup> 103.5	97.2	<sup>2</sup> 97.3	93.6	106.8	123.4
Petroleum.....	226.6	202.6	252.0	257.8	<sup>2</sup> 257.4	250.3
Bituminous coal.....	<sup>2</sup> 99.4	101.0	62.8	47.9	<sup>2</sup> 62.9	115.3
Anthracite coal.....	<sup>2</sup> 103.6	102.6	1.2	1.6	2.2	69.2
Iron ore.....	113.0	93.0	<sup>2</sup> 170.6	230.6	230.4	171.6
Copper.....	22.4	21.9	99.6	95.2	<sup>2</sup> 105.4	100.0
Lead.....	102.8	100.9	119.3	118.4	<sup>2</sup> 129.5	135.8
Zinc.....	61.9	60.9	241.7	269.0	<sup>2</sup> 266.3	280.9
Gold.....	60.0	36.3	49.6	59.6	66.6	57.7
Silver.....	79.6	83.5	94.3	86.0	110.2	105.5
Total, excluding lead, gold, and silver.....	<sup>2</sup> 109.8	102.7	<sup>2</sup> 101.0	101.9	<sup>2</sup> 109.8	134.9

<sup>1</sup> For complete table and discussion see May (No. 9) issue of the Survey.  
<sup>2</sup> Revised.

**INDEX OF MINERAL PRODUCTION.**  
[Monthly average production 1919=100.]

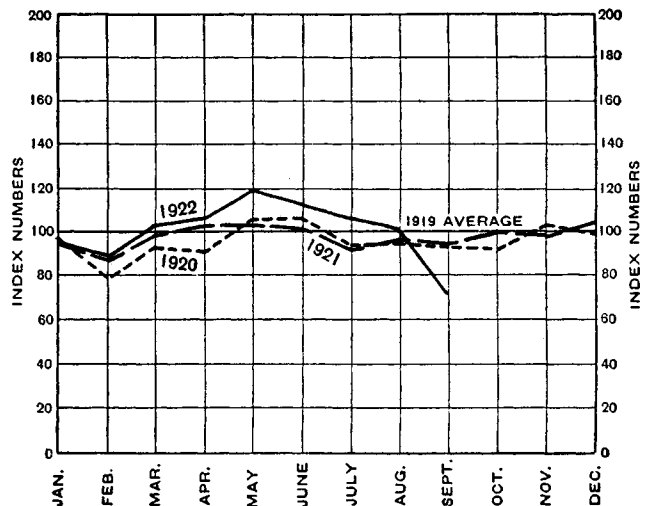


**INDEX OF MARKETINGS OF ANIMAL PRODUCTS.<sup>1</sup>**  
[Relative marketings 1919=100.]

	1921		1922			
	Aug.	Sept.	June.	July.	Aug.	Sept.
Total.....	96.4	94.9	113.6	105.7	101.0	71.4
Wool.....	153.3	82.7	164.3	227.3	122.4	48.2
Cattle and calves.....	91.0	92.9	85.7	83.3	104.7	115.6
Hogs.....	71.1	71.0	101.0	79.7	81.3	81.9
Sheep.....	110.4	115.6	75.1	74.0	86.1	98.9
Eggs.....	92.6	77.4	162.4	<sup>2</sup> 131.4	86.5	68.6
Poultry.....	76.4	92.9	81.8	84.4	78.6	87.0
Fish.....	99.5	85.7	90.8	107.9	116.2	101.8
Milk.....	119.0	120.8	132.1	128.8	122.9	119.2

<sup>1</sup> For complete table and discussion see June (No. 10) issue of the Survey.  
<sup>2</sup> Revised.

**INDEX OF MARKETINGS OF ANIMAL PRODUCTS.**  
[Relative monthly marketings 1919=100.]



INDEX OF FORESTRY PRODUCTION.<sup>1</sup>

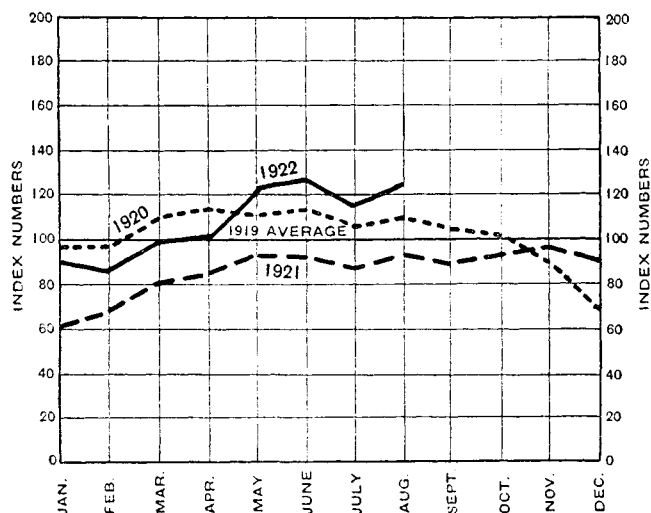
[Relative production 1919=100.]

	1921		1922			
	Aug.	Sept.	June.	July.	Aug.	Sept.
Yellow pine.....	98.2	97.5	127.1	115.2	122.6	114.9
Western and sugar pine and white fir.....	109.3	90.9	162.2	146.0	193.9	
Douglas fir.....	89.2	91.6	132.5	129.1	129.0	129.4
Redwood.....	142.5	124.9	145.4	114.9	144.2	138.3
Hemlock.....	69.0	49.8	117.3	288.9	87.0	
Maple, birch, and beech.....	53.0	28.3	73.1	63.2	69.2	
Total lumber.....	92.8	88.2	127.7	2115.9	124.4	
Pulp wood.....	62.5	66.7	109.2	287.9	99.2	
Gum.....	190.4	172.4	193.1	193.9	297.5	188.5
Distilled wood.....	225.7	21.4	272.6	81.8	82.1	
Grand total.....	93.0	88.9	2127.9	115.9	124.8	

<sup>1</sup> For complete table and discussion see August (No. 12) issue of the Survey.  
<sup>2</sup> Revised.

INDEX OF FORESTRY PRODUCTION.

[Relative monthly production 1919=100.]



INDEX OF CROP MARKETINGS.<sup>1</sup>

[Relative production 1919=100.]

	1921		1922			
	Aug.	Sept.	June.	July.	Aug.	Sept.
Grand total.....	126.8	152.7	275.6	79.4	114.9	163.9
Corn.....	195.9	243.8	207.8	173.2	162.6	235.4
Wheat.....	218.0	195.0	66.7	125.5	192.6	183.3
Oats.....	211.2	98.7	91.1	87.3	131.7	116.4
Barley.....	82.5	65.7	42.2	29.5	53.2	65.6
Rye.....	155.7	137.6	45.7	35.9	353.2	300.4
Rice.....	166.9	126.0	7.3	3.5	73.7	149.2
Total grains.....	205.9	193.4	99.5	125.9	177.8	190.2
Potatoes (white).....	107.4	173.5	2147.5	122.5	115.9	154.9
Sweet potatoes.....	170.7	256.6	21.6	33.3	156.9	308.7
Tomatoes.....	88.6	235.5	499.3	154.6	190.6	307.7
Onions.....	2117.7	193.2	254.3	74.6	2126.1	243.3
Cabbage.....	66.9	135.4	110.2	28.1	62.2	157.7
Celery.....	48.8	96.1	17.5	36.1	62.9	134.6
Total vegetables.....	107.3	181.2	2160.3	112.3	121.5	179.6
Apples.....	49.8	193.4	17.5	33.1	263.4	185.5
Peaches.....	284.2	198.5	128.0	2281.4	418.3	502.8
Citrus fruit.....	66.9	67.8	71.4	44.8	35.3	35.0
Grapes.....	133.5	662.0		10.6	138.6	746.4
Pears.....	659.8	469.5		167.7	725.2	757.9
Watermelons.....	476.5	76.1	599.2	659.0	329.5	60.3
Cantaloupes.....	325.9	117.2	571.0	511.4	307.1	187.8
Strawberries.....	1.3	1.9	396.7	5.6		
Total fruits.....	130.5	209.9	90.0	93.2	2145.1	260.4
Cotton.....	59.0	112.3	48.2	237.4	52.0	132.6
Cottonseed.....	37.0	157.2	5.1	4.3	25.8	193.3
Total cotton products.....	55.7	119.5	41.8	232.5	48.1	141.6
Hay.....	57.8	51.4	69.2	49.8	69.7	76.9
Tobacco.....	64.4	58.9	1.5	2.4	61.7	63.8
Flaxseed.....	84.4	126.6	48.5	27.5	251.4	187.8
Cane sugar.....	49.4	25.3	25.3	32.0	48.3	22.6
Total miscellaneous.....	61.7	56.3	28.9	22.3	63.2	70.0

<sup>1</sup> For complete table and discussion see July (No. 11) issue of the Survey.  
<sup>2</sup> Revised figures.



## 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 index 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:

*August, 1922.*—This column gives the August figures corresponding to those for September shown in the next column—in other words, cover the previous month, and in some cases, where indicated by a footnote, refer to the previous quarter; that is, ending June 30, 1922.

*September, 1922.*—In this column are given the figures covering the month of September, or, as in the case of stocks, etc., the situation on September 30 or October 1. In a few cases (usually where returns are reported quarterly only) the figures are for the quarter ending September 30 or the condition on that date. Where this column is left blank, no figures for September were available at the time of going to press (November 7).

*Corresponding month, August or September, 1921.*—The figures in this column present the situation exactly a year previous to those in the "September, 1922," column (that is, generally September, 1921), but where no figures are available for September, 1922, the August, 1921, figures have been inserted in this column for comparison with the August, 1922, figures. In the case of quarterly figures, this column shows the corresponding quarter of 1921.

*Cumulative total through latest month.*—These columns set forth, for those items that can properly be cumulated, the cumulative total for the first nine months of the calendar years 1921 and 1922, respectively, except where the September, 1922, figures are lacking, in which case the cumulative total for eight months in each year is given.

*Percentage increase (+) or decrease (-) cumulative 1922 from 1921.*—This column shows the per cent by which the cumulated total for the first nine months of 1922 is greater (+) or less (-) than the total for the corresponding period of 1921.

*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 index 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 prewar 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.

*Index numbers.*—In order to visualize the trend of each movement, index or relative numbers are given for the last four months and for two corresponding months of a year ago. These index 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 index number will be greater than 100. If the converse is true the index number will be less than 100. The difference between 100 and any index number gives at once the per cent increase or decrease compared with the base period. Index numbers may also be used to compute the approximate per cent increase or decrease from one month to the next.

*Percentage increase (+) or decrease (-) September from August.*—The last column shows the per cent increase or decrease of the figure for the last month compared with the preceding month.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.						Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage increase (+) or decrease (-), Sept. from Aug.	
	August, 1922	Septem-ber, 1922	Corre-sponding month, August or Septem-ber, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.		1921			1922	1921		1922				
				1921	1922					Aug.	Sept.	June.	July.	Aug.		Sept.
<b>TEXTILES.</b>																
<b>Wool.</b>																
Consumption by textile mills....thous. of lbs..	57,340	54,771	49,824	373,002	473,163	+ 26.9	1921	109	113	119	106	130	124	4.5		
Receipts at Boston:																
Domestic.....thous. of lbs..	21,809	8,594	14,740	106,779	164,700	+ 54.2	1913	203	109	217	300	162	64	- 60.6		
Foreign.....thous. of lbs..	20,825	12,710	2,288	187,879	174,445	- 7.2	1913	75	43	140	583	395	241	- 39.0		
Total.....thous. of lbs..	42,635	21,304	17,028	294,659	339,146	+ 15.1	1913	167	91	195	380	227	114	- 50.0		
Imports unmanufactured.....thous. of lbs..	34,472	27,892	14,592	288,047	277,789	- 3.6	1913	125	115	134	265	272	220	- 19.1		
Machinery activity (1st of following month):																
Looms, wide.....per ct. of hours active..	63.6	72.4	74.2				<sup>1</sup> 1920-21	126	122	105	103	104	119	+ 14.4		
Looms, narrow.....per ct. of hours active..	58.3	71.3	72.5				<sup>1</sup> 1920-21	124	130	108	112	105	128	+ 21.9		
Looms, carpet and rug.....per ct. of hours active..	76.8	80.9	65.5				<sup>1</sup> 1920-21	124	142	156	152	166	175	+ 5.4		
Sets of cards.....per ct. of hours active..	88.8	91.3	79.0				<sup>1</sup> 1920-21	125	126	145	140	141	145	+ 2.8		
Combs.....per ct. of hours active..	85.5	93.2	97.6				<sup>1</sup> 1920-21	118	127	105	104	111	121	+ 9.0		
Spinning spindles—																
Woolen.....per ct. of hours active..	86.2	88.1	79.1				<sup>1</sup> 1920-21	124	125	142	136	136	139	+ 2.2		
Worsted.....per ct. of hours active..	71.4	84.0	92.2				<sup>1</sup> 1920-21	123	129	96	92	100	117	+ 17.0		
Looms and spindles (1st of following month):																
Woolen spindles...per ct. of active to total..	83	85	78				1913	101	101	112	109	108	110	+ 1.9		
Worsted spindles.....per ct. of active to total..	75	81	91				1913	124	123	92	92	101	109	+ 7.9		
Wide looms.....per ct. of active to total..	65	72	76				1913	105	103	86	86	88	97	+ 10.2		
Narrow looms.....per ct. of active to total..	68	76	74				1913	99	104	92	99	93	104	+ 11.8		
Carpet looms.....per ct. of active to total..	79	82	69				1913	88	101	115	115	116	121	+ 4.3		

<sup>1</sup> Twelve months' average, November, 1920, to October, 1921, inclusive.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.	
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.			BASE YEAR OR PERIOD.	1921		1922		Aug.		Sept.
				1921	1922			Aug.	Sept.	June.	July.			
<b>TEXTILES—Continued.</b>														
<b>Wool—Continued.</b>														
<b>Prices:</b>														
Raw wool to producer, all grades.....dolls. per lb.	.316	.316	.155			1913	92	93	196	195	189	189	0.0	
Unwashed, fine Ohio, Boston.....dolls. per lb.	.48	.48	.29			1913	127	132	214	218	218	218	0.0	
Worsted yarn.....dolls. per lb.	1.450	1.450	1.150			1913	148	148	184	180	180	187	+ 3.6	
Wool dress goods.....dolls. per yd.	.815	.815	.885			1913	157	157	145	145	145	145	0.0	
Men's suitings.....dolls. per yd.	3.285	3.285	2.835			1913	184	184	198	198	213	213	0.0	
<b>Cotton.</b>														
Consumption by textile mills.....bales.	527,404	495,344	484,718	3,871,944	4,449,757	+ 14.9	1913	97	101	105	95	109	103	- 6.1
Stocks, end of month:														
Mills.....thous. of bales.	1,025	1,065	1,018			1913	75	76	99	91	76	79	+ 3.9	
Warehouses.....thous. of bales.	1,550	3,218	4,312			1913	197	245	110	85	88	183	+107.6	
Visible supply.....thous. of bales.	1,597	2,228	3,944			1913	121	129	84	93	52	73	+ 39.5	
Imports, unmanufactured.....bales.	14,480	4,628	6,362	133,927	226,548	+ 69.2	1913	28	31	62	42	71	23	- 68.0
Exports, unmanufactured.....bales.	273,308	368,890	532,839	4,322,191	3,864,909	- 10.6	1913	58	73	68	51	38	51	+ 35.0
Manufactured goods:														
Cotton cloth exports.....thous. of sq. yds.	50,068	51,302	62,290	393,871	448,671	+ 13.9	1913	152	168	170	163	135	138	+ 2.5
Fabric consump. by tire mfrs.....thous. of lbs.	11,006	9,132	7,581	60,735	82,508	+ 35.8	1921	166	113	151	144	164	136	- 17.0
Machinery activity:														
Spindles—														
Active.....thousands.	32,499	33,297	33,875	293,504	292,820	- 0.2	1913	109	112	105	106	107	110	+ 2.5
Total activity.....mills. of hours.	8,033	7,761	7,379											- 3.4
Activity per spindle.....hours.	217	209	202											- 3.7
<b>Prices:</b>														
Raw cotton to producer.....dolls. per lb.	.211	.200	.198			1913	105	165	170	173	176	167	- 5.2	
Raw cotton, New York.....dolls. per lb.	.219	.215	.204			1913	109	160	173	175	171	168	- 1.8	
Cotton yarn.....dolls. per lb.	.420	.412	.396			1913	122	160	161	166	170	167	- 1.9	
Print cloth.....dolls. per yd.	.065	.066	.058			1913	137	168	188	191	188	191	+ 1.5	
Sheeting.....dolls. per yd.	.107	.108	.093			1913	118	152	162	172	174	176	+ 0.9	
<b>Fine Cotton Goods.</b>														
Production.....pieces.	410,838	414,782	386,929	3,032,570	3,408,930	+ 12.4	1919	94	101	105	98	107	108	+ 1.0
Sales.....pieces.	322,396	574,439	537,402	3,393,693	2,881,366	- 15.1	1919	117	120	116	21	72	129	+ 78.2
<b>Knit Underwear.</b>														
Production.....doz.	619,200	579,600	620,100	4,134,600	5,646,700	+ 36.6	1920	101	105	110	91	105	98	- 6.4
Orders received.....doz.	636,300	657,900	1,368,900	5,328,200	6,054,300	+ 13.7	* 1920	706	1,356	695	777	630	652	+ 3.4
Shipments.....doz.	823,500	780,300	663,300	3,831,300	5,924,700	+ 54.6	* 1920	134	145	130	155	179	170	- 5.2
Cancellations.....doz.	18,900	11,700	9,000	65,700	135,900	+106.8	* 1920	15	18	35	20	39	24	- 38.1
Unfilled orders, end of month.....thous. of doz.	1,578	1,688	1,726				* 1920	159	344	290	253	314	336	+ 7.0
<b>Silk.</b>														
Imports, raw.....thous. of lbs.	5,982	4,230	5,445	37,235	38,940	+ 4.6	1913	202	191	178	144	210	148	- 28.5
Consumption, raw.....bales.	34,772	34,212	31,229	250,585	263,640	+ 5.2	* 1920	184	175	166	140	195	192	- 1.6
Stocks, raw, end of month.....bales.	32,515	36,795	23,036				* 1920	37	45	52	54	63	72	+ 13.2
Prices, raw, Japanese, N. Y.....dolls. per lb.	7.105	7.644	5.978				1913	148	164	201	194	195	210	+ 7.6
<b>Burlap and Fiber.</b>														
Imports:														
Burlap.....thous. of lbs.	25,747	40,100	31,409	350,614	378,498	+ 8.0	1909-13	101	93	214	108	76	118	+ 55.7
Fiber (unmanufactured).....long tons.	20,542	22,145	11,760	197,978	181,115	- 8.5	1909-13	46	41	83	58	72	77	+ 7.8
<b>METALS.</b>														
<b>Iron and Steel.</b>														
Iron-ore movement.....thous. of short tons.	8,936	6,658	3,610	21,835	32,615	+ 49.4	1913	82	68	124	167	167	125	- 25.5
Production:														
Pig iron.....thous. of long tons.	1,816	2,034	986	12,232	18,299	+ 49.6	1913	37	38	92	94	71	79	+ 12.0
Steel ingots.....thous. of long tons.	2,532	2,714	1,343	13,858	23,519	+ 69.7	1913	52	53	119	113	100	108	+ 7.2

\* Six months' average, July to December, inclusive.

\* Eleven months' average, February to December, inclusive.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage in-crease (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			1921	1922									
<b>METALS—Continued.</b>																		
<b>Iron and Steel—Continued.</b>																		
<b>Merchant pig iron:</b>																		
Production.....thous. of long tons..	192	221	108	1,435	2,119	+ 47.7	1914	26	29	75	66	51	58	+ 15.1				
Sales.....thous. of long tons..	223	182	280	1,181	3,095	+162.1	1914	63	85	83	74	68	55	- 18.4				
Shipments.....thous. of long tons..	296	256	224	1,509	2,922	+ 93.6	1914	60	67	111	115	89	77	- 13.5				
Unfilled orders.....thous. of long tons..	1,065	929	1,132				1914	80	87	106	95	82	71	- 12.8				
<b>Stocks, merchant furnaces.....thous. of long tons..</b>																		
	159	151	599				1914	84	79	41	32	21	20	- 5.0				
<b>Stocks, steel plants.....thous. of long tons..</b>																		
	45	31	160				1921	95	85	49	38	24	16	- 31.1				
<b>Exports (comparable).....thous. of long tons..</b>																		
	119	109	95	1,841	1,338	-27.3	1913	33	41	77	56	52	48	- 8.4				
<b>Imports.....thous. of long tons..</b>																		
	50	76	13	85	319	+275.3	1913	37	50	147	273	188	288	+ 52.0				
<b>Unfilled orders, Steel Corp., end of month.....thous. of long tons..</b>																		
	5,950	6,692	4,561				1913	77	77	95	98	101	113	+ 12.5				
<b>Foundry production, Ohio...per ct. of normal..</b>																		
	71.97	62.68	14.94				1921	117	72	245	283	348	303	- 12.9				
<b>Wholesale prices:</b>																		
<b>Pig iron—</b>																		
<b>Foundry No. 2,</b>																		
<b>Northern.....dolls. per long ton..</b>																		
	32.37	36.65	22.96				1913	137	143	162	163	202	229	+ 13.2				
<b>Basic, Valley furnace.....dolls. per long ton..</b>																		
	26.600	32.625	19.125				1913	124	130	170	165	181	222	+ 22.7				
<b>Steel billets, Bessemer.....dolls. per long ton..</b>																		
	36.10	39.50	29.00				1913	115	113	136	136	140	153	+ 9.4				
<b>Iron and steel.....dolls. per long ton..</b>																		
	39.71	43.79	35.34				1913	137	134	140	142	151	166	+ 10.3				
<b>Composite pig iron.....dolls. per long ton..</b>																		
	27.74	32.48	20.99				1913	132	136	158	159	180	211	+ 17.1				
<b>Composite steel.....dolls. per 100 lbs..</b>																		
	2.36	2.51	2.37				1913	144	138	129	130	137	146	+ 6.4				
<b>Composite finished steel.....dolls. per 100 lbs..</b>																		
	2.29	2.43	2.25				1913	141	136	130	131	138	146	+ 6.1				
<b>Structural steel beams.....dolls. per 100 lbs..</b>																		
	1.80	2.10	1.90				1913	123	123	106	109	116	137	+ 16.7				
<b>Locomotives.</b>																		
<b>Shipments:</b>																		
Total.....number..	151	119	106	1,156	760	- 34.3	1913	31	35	37	42	49	39	- 21.2				
Domestic.....number..	130	113	51	733	585	- 20.2	1920	40	46	61	111	118	103	- 13.1				
Foreign.....number..	21	6	55	423	175	- 58.6	1920	57	62	53	7	24	7	- 71.4				
<b>Unfilled orders:</b>																		
Domestic.....number..	926	1,347	102				1920	16	11	55	80	104	151	+ 45.5				
Foreign.....number..	109	116	107				1920	21	25	21	23	25	27	+ 6.4				
<b>Freight cars:</b>																		
Orders, domestic.....number..	1,620	10,350	550	8,000	126,020	( <sup>5</sup> )	1913	1	5	125	130	15	99	+538.9				
<b>Stokers.</b>																		
Sales.....number..	160	115	110	699	1,101	+ 57.5	1919	50	47	47	76	68	49	- 28.1				
Sales.....horsepower..	83,310	40,505	36,401	267,692	514,238	+ 92.1	1919	85	69	71	133	158	77	- 51.3				
<b>Finished Iron and Steel.</b>																		
<b>Sheets, blue, black, and galvanized:</b>																		
Production.....per ct. of capacity..	87.2	80.4	43.6				1920	53	60	119	100	120	111	- 7.5				
Shipments.....per ct. of capacity..	82.2	75.4	41.0				1920	51	56	115	101	113	104	- 8.0				
Sales.....per ct. of capacity..	67.0	75.0	57.0				1920	60	94	181	96	110	123	+ 11.8				
Unfilled orders.....per ct. of capacity..	144.9	150.3	94.8				1920	26	32	61	56	49	51	+ 4.1				
Unsold stocks.....per ct. of capacity..	7.3	8.4	18.2				1920	917	791	383	348	317	365	+ 15.1				
<b>Steel barrels:</b>																		
Shipments.....barrels..	244,271	206,448	117,112	924,394	1,723,763	+ 86.5	1921	139	105	238	197	218	184	- 15.5				
Production.....per ct. of capacity..	41.2	37.0	16.6				1921	132	95	230	230	237	213	- 10.1				
Unfilled orders.....barrels..	309,044	322,632	240,616				1921	105	103	182	143	132	138	+ 4.4				
Structural steel, sales.....long tons..	aa116,820	aa111,420	85,995	489,174	1,773,060	+262.5	1913	66	96	140	130	131	124	- 4.6				
<b>Copper.</b>																		
Production.....thous. of lbs..	a100,838	95,665	20,927	406,471	577,367	+ 66.6	1913	21	21	93	89	99	94	- 5.1				
Exports.....thous. of lbs..	62,612	58,167	60,170	428,724	569,860	+ 32.9	1913	59	85	93	90	89	83	- 7.1				
Wholesale price, electrolytic.....dolls. per lb..	.138	.138	.120				1913	75	76	87	87	87	87	0.0				

<sup>2</sup> Six months' average, July to December, inclusive.

<sup>4</sup> Ten months' average, March to December, inclusive.

<sup>5</sup> Very large percentage increase.

<sup>a</sup> Revised.

<sup>aa</sup> These figures are recomputed to a normal capacity of the industry previously estimated at 180,000 tons, in order to make them comparable with figures compiled by the Structural Steel Society prior to April, 1922. The plant capacity, as shown by the Census Bureau summary of reporting firms, since April, is considerably higher, being 218,155 tons for 137 firms reporting in September.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>METALS—Continued.</b>																		
<b>Zinc.</b>																		
Production.....thous. of lbs..	62,846	66,268	28,734	315,856	501,394	+ 58.7	1913	51	50	99	110	109	115	+ 5.4				
Stocks, end of month.....thous. of lbs..	43,258	37,612	162,270				1913	213	200	73	70	53	46	- 13.1				
Receipts, St. Louis.....thous. of lbs..	13,355	11,791	17,585	106,263	163,423	+ 53.8	1913	27	64	101	61	48	43	- 11.7				
Shipments, St. Louis.....thous. of lbs..	22,364	16,882	25,402	165,110	198,197	+ 20.0	1913	64	89	83	46	79	59	- 24.5				
Price, slab, prime western.....dolls. per lb..	.066	.069	.048				1913	80	81	98	103	113	118	+ 4.5				
<b>Tin.</b>																		
Stocks, end of month.....long tons..	2,806	1,236	1,756				1913	95	95	128	196	152	67	- 56.0				
Imports.....thous. of lbs..	8,219	7,379	5,796	34,084	94,030	+175.9	1913	54	61	131	133	86	77	- 10.2				
Wholesale price, pig tin.....dolls. per lb..	.325	.323	.268				1913	59	60	70	70	72	72	- 0.6				
<b>Lead.</b>																		
Receipts, St. Louis.....thous. of lbs..	16,112	19,245	11,098	92,707	157,179	+ 69.5	1913	256	203	369	265	294	351	+ 19.4				
Shipments, St. Louis.....thous. of lbs..	12,284	10,935	4,553	44,563	81,117	+ 82.0	1913	56	52	129	80	140	125	- 11.0				
Wholesale price, pig, desilverized.....dolls. per lb..	.059	.062	.046				1913	100	105	133	131	133	140	+ 5.1				
<b>FUEL AND POWER.</b>																		
<b>Coal and Coke.</b>																		
<b>Production:</b>																		
Bituminous coal.....thous. of short tons..	22,328	40,964	a 35,893	302,804	267,629	- 11.6	1913	89	90	56	43	56	103	+ 83.5				
Anthracite coal.....thous. of short tons..	161	4,979	a 7,385	69,302	27,178	- 60.8	1913	98	97	1	2	2	65	( <sup>o</sup> )				
Beehive coke.....thous. of short tons..	539	606	289	4,246	4,790	+ 12.8	1913	9	10	16	16	19	22	+ 12.4				
By-product coke.....thous. of short tons..	1,794	2,244	1,423	14,558	19,703	+ 35.3	1913	131	134	244	235	169	212	+ 25.1				
Public-utility electric power.....mills. of kw. hours..	4,063	4,056	3,375	29,815	34,329	+ 15.1	1919	105	104	118	119	125	125	- 0.2				
<b>Coal and Coke.</b>																		
<b>Exports:</b>																		
Bituminous.....thous. of long tons..	426	1,175	1,212	17,482	6,208	- 64.5	1909-13	154	110	49	33	39	107	+175.8				
Anthracite.....thous. of long tons..	29	89	287	3,235	1,139	- 64.8	1909-13	130	100	14	6	10	31	+207.9				
Coke.....thous. of long tons..	26	35	18	200	255	+ 27.5	1909-13	25	24	40	38	36	48	+ 34.6				
<b>Wholesale prices:</b>																		
<b>Bituminous—</b>																		
<b>Kanawha, f. o. b.</b>																		
Cincinnati.....dolls. per short ton..	6.64	7.39	4.10				1913	186	186	232	245	302	336	+ 11.3				
Mine average.....dolls. per short ton..	5.92	5.04	2.37				1913	197	193	273	380	481	410	- 14.9				
Coke, Connellsville.....dolls. per short ton..	12.80	11.13	3.19				1913	115	131	277	441	525	456	- 13.0				
<b>Retail prices:</b>																		
Bituminous, Chicago.....dolls. per short ton..	9.22	10.83	6.92				1913	178	144	184	185	192	225	+ 17.5				
Anthracite, chestnut, New York.....dolls. per short ton..	15.33	14.79	13.34				1913	192	191	189	189	220	212	- 3.5				
<b>Petroleum.</b>																		
<b>Crude petroleum:</b>																		
Production.....thous. of bbls..	a 46,521	45,246	36,508	354,263	405,616	+ 14.5	1913	198	176	220	225	225	219	- 2.7				
Stocks, end of month.....thous. of bbls..	a 271,901	273,264	172,874				1913	162	165	244	249	259	260	+ 0.5				
Consumption.....thous. of bbls..	a 50,141	49,610	41,574	386,116	419,214	+ 8.6	1913	195	191	221	232	230	227	- 1.1				
Imports.....thous. of bbls..	a 8,385	6,465	9,139	86,925	101,858	+ 17.2	1913	226	616	821	707	565	436	- 22.9				
Shipments from Mexico.....thous. of bbls..	13,868	11,367	17,634	127,396	149,020	+ 17.0	1913	259	817	786	791	642	526	- 18.0				
Price, Kansas-Oklahoma.....dolls. per bbl..	1.25	1.25	1.00				1913	107	107	241	206	134	134	0.0				
Oil wells completed.....number..	1,709	1,572	788	11,853	13,303	+ 12.2	1913	60	49	104	113	107	99	- 8.0				
<b>Gasoline:</b>																		
Production.....thous. of gals..	549,958		431,577	3,424,761	3,947,313	+ 15.3	1919	131	126	159	173	167						
Exports.....thous. of gals..	36,010	44,846	35,055	396,834	447,993	+ 12.9	1919	156	114	176	191	117	146	+ 24.5				
Domestic consumption.....thous. of gals..	583,688		503,513	2,959,961	3,456,453	+ 16.8	1919	176	153	177	198	204						
Stocks, end of month.....thous. of gals..	703,738		567,646				1919	120	109	175	164	149						
<b>Kerosene oil:</b>																		
Production.....thous. of gals..	184,383		143,652	1,263,100	1,432,512	+ 13.4	1919	74	79	89	99	94						
Stocks.....thous. of gals..	285,520		389,893				1919	130	124	106	108	95						

a Revised.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage in-crease (+) or de-crease (-), Sept. from Aug.		
	August, 1922	Septem-ber, 1922	Corre-spond-ing month, August or Septem-ber, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921	1922	1921		1922			Aug.	Sept.
				Aug.	Sept.					June.	July.	Aug.	Sept.			
<b>FUEL AND POWER—Continued.</b>																
<b>Petroleum—Continued.</b>																
Gas and fuel oil:																
Production.....thous. of gals..	944,289		784,450	6,376,606	7,003,062	+ 9.8	1919	123	124	142	151	149				
Stocks.....thous. of gals..	1,366,612		1,243,446				1919	161	160	172	176	177				
Lubricating oil:																
Production.....thous. of gals..	88,824		66,473	573,256	630,298	+ 10.0	1919	94	98	114	130	126				
Stocks.....thous. of gals..	220,668		242,530				1919	150	143	141	140	137				
<b>PAPER AND PRINTING.</b>																
<b>Wood Pulp.</b>																
Mechanical:																
Production.....short tons..	109,870	102,350	66,965	955,511	1,151,557	+ 20.5	1919	61	55	123	103	91	85	- 6.8		
Consumption and shipment...short tons..	139,935	132,667	95,894	947,471	1,142,439	+ 20.6	1919	85	79	115	108	116	110	- 5.2		
Stocks, end of month.....short tons..	157,515	127,198	137,672				1919	108	89	125	122	102	82	- 19.2		
Imports.....short tons..	13,545	19,153	28,958	101,603	131,736	+ 29.7	1909-13	100	176	97	104	82	116	+ 41.4		
Chemical:																
Production.....short tons..	172,700	170,329	126,514	1,067,095	1,450,242	+ 35.9	1919	75	78	102	96	107	106	- 1.4		
Consumption and shipment...short tons..	171,898	171,452	131,174	1,061,336	1,450,766	+ 36.7	1919	77	82	101	97	107	107	- 0.3		
Stocks, end of month.....short tons..	52,442	51,319	48,782				1919	99	91	99	96	98	96	- 2.1		
Imports.....short tons..	83,562	71,748	65,206	288,793	652,022	+125.8	1909-13	173	255	309	355	327	281	- 14.1		
<b>Newsprint Paper.</b>																
Production.....short tons..	133,236	125,402	98,898	910,870	1,069,619	+ 17.4	1919	89	86	111	105	116	109	- 5.9		
Shipments.....short tons..	134,490	126,494	95,785	905,392	1,074,743	+ 18.7	1919	88	83	112	107	117	110	- 5.9		
Imports.....short tons..	81,780	66,570	72,004	562,701	714,648	+ 27.0	1913	405	393	460	439	446	363	- 18.6		
Exports.....short tons..	1,940	2,299	1,117	13,275	21,366	+ 60.9	1913	35	31	81	59	54	64	+ 18.5		
Stocks, end of month:																
Total.....short tons..	260,111	260,923	248,461				1919	107	109	99	101	114	114	+ 0.3		
At mills.....short tons..	19,902	18,810	30,241				1919	113	126	98	88	83	79	- 5.5		
Jobbers.....short tons..	5,642	6,255	5,229				1919	60	60	60	59	65	72	+ 10.9		
Publishers.....short tons..	193,623	193,812	187,872				1919	120	121	107	110	125	125	+ 0.1		
In transit to publishers.....short tons..	40,944	42,046	25,119				1919	62	61	75	83	100	103	+ 2.7		
Consumption.....short tons..	157,655	172,802	140,758	1,293,167	1,485,400	+ 14.9	1919	93	99	118	112	111	122	+ 9.6		
Prices:																
Contract, domestic.....dolls. per 100 lbs..	3.522	3.504	4.886				1919	128	131	96	95	95	94	- 0.5		
Contract, Canadian.....dolls. per 100 lbs..	3.500	3.510	4.388				1919	131	120	96	95	96	96	- 0.3		
Spot market, domestic...dolls. per 100 lbs..	3.643	3.660	4.185				1919	120	98	81	83	85	85	+ 0.5		
<b>Other Paper.</b>																
Book:																
Production.....short tons..	87,922	87,782	62,416	509,511	707,500	+ 38.9	1919	78	82	110	98	115	115	- 0.2		
Stocks.....short tons..	37,473	36,717	35,586				1919	111	112	131	122	118	116	- 2.0		
Paperboard:																
Production.....short tons..	195,115	198,248	160,207	1,161,527	1,575,000	+ 35.6	1919	85	99	113	102	120	122	+ 1.6		
Stocks.....short tons..	59,627	57,899	58,962				1919	116	108	123	118	110	106	- 2.9		
Wrapping:																
Production.....short tons..	74,315	70,329	59,095	456,332	609,519	+ 33.6	1919	97	102	118	113	128	122	- 5.4		
Stocks.....short tons..	62,444	54,843	56,313				1919	115	103	130	127	114	100	- 12.2		
Fine:																
Production.....short tons..	33,081	31,576	20,555	167,398	264,678	+ 58.1	1919	66	72	109	97	115	110	- 4.5		
Stocks.....short tons..	37,889	36,213	35,994				1919	103	98	105	102	103	98	- 4.4		
Total, all grades (including newsprint):																
Production.....short tons..	635,107	623,088	477,926	3,769,749	5,124,748	+ 35.9	1919	86	93	115	107	123	121	- 1.9		
Stocks.....short tons..	264,480	249,516	272,807				1919	115	114	123	117	111	104	- 5.7		
Exports (total printing).....short tons..	3,288	3,624	1,948	31,842	32,199	+ 1.1	1919	18	13	30	24	21	23	+ 10.2		
<b>Paper Boxes.</b>																
Corrugated board:																
Production (Container Club).....thous. of sq. ft..	141,097	151,516	83,548	519,135	1,055,246	+103.3	<sup>2</sup> 1919	70	78	116	120	132	142	+ 7.4		
Production <sup>b</sup> .....thous. of sq. ft..	115,582	113,749												- 1.6		
Machinery activity...per cent of normal..	72	78	54													

<sup>1</sup> Six months' average, July to December, inclusive.<sup>2</sup> Figures furnished by the National Association of Corrugated and Fiber Box Manufacturers.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>PAPER AND PRINTING—Continued.</b>																		
<b>Paper Boxes—Continued.</b>																		
Solid fiber board:																		
Production (Container Club).....thous. of sq. ft..	68,172	61,841	47,361	378,113	491,155	+ 29.9	1919	106	94	95	114	134	122	- 9.3				
Production <sup>b</sup> .....thous. of sq. ft..	34,406	35,381												+ 2.8				
Machinery activity.....per cent of normal..	96	88	81															
Folding boxes:																		
Production.....per cent of capacity..	80.3	74.1	48.9				1921	110	107	156	155	175	161	- 8.0				
New orders.....per cent of capacity..	72.4	66.2	65.4				1921	111	137	168	180	151	138	- 8.4				
Labels:																		
Production.....per cent of capacity..	98.6	89.6	57.0				1921	138	146	163	176	253	230	- 9.1				
New orders.....per cent of capacity..	94.1	68.0	61.4				1921	126	139	243	203	213	154	- 27.7				
<b>Printing.</b>																		
Activity, weighted.....index number.....							Sept., 1920	84	80	88	76	87						
Paper purchases, quantities.....index number.....							1918	86	92	109	116	123						
Paper purchases, value.....index number.....							1918	83	82	96	102	109						
Sales.....index number.....							1918	150	151	137	132	145						
<b>RUBBER.</b>																		
Crude:																		
Imports.....thous. of lbs..	54,332	44,345	34,546	257,255	470,589	+ 82.9	1913	343	358	528	589	563	459	- 18.4				
Consumption by tire mfrs.....thous. of lbs..	33,739	28,051	19,476	159,804	249,238	+ 56.0	1921	171	109	221	157	188	157	- 16.9				
Wholesale price, Para, N. Y. .dolls. per lb..	0.176	0.171	0.174				1913	20	22	21	21	22	21	- 2.8				
Tires:																		
Production—																		
Pneumatic.....thousands..	2,905	2,505	1,929	16,295	22,633	+ 38.9	1921	167	106	156	136	160	138	- 13.8				
Solid.....thousands..	84	83	37	294	538	+ 83.0	1921	158	106	187	202	238	234	- 1.2				
Inner tubes.....thousands..	3,808	3,501	3,275	20,062	27,087	+ 35.0	1921	196	145	139	136	169	155	- 8.1				
Domestic shipments—																		
Pneumatic.....thousands..	3,030	2,502	2,048	17,869	21,319	+ 19.3	1921	152	107	164	141	159	131	- 17.4				
Solid.....thousands..	69	68	50	408	492	+ 20.6	1921	152	114	144	137	158	152	- 1.4				
Inner tubes.....thousands..	4,220	3,559	2,646	21,428	26,335	+ 22.9	1921	166	115	173	158	184	155	- 15.7				
Stocks, end of month—																		
Pneumatic.....thousands..	4,629	4,612	3,341				1921	93	79	120	115	110	109	- 0.4				
Solid.....thousands..	190	200	162				1921	94	70	74	76	82	87	+ 5.3				
Inner tubes.....thousands..	5,207	5,165	3,828				1921	80	84	135	124	114	113	- 0.8				
<b>AUTOMOBILES.</b>																		
Production:																		
Passenger cars.....number..	249,225	186,562	144,669		1,696,341		1919	121	105	190	162	180	135	- 25.1				
Trucks.....number..	24,200	18,843	13,648		178,886		1919	50	52	99	81	92	71	- 22.1				
Shipments:																		
By railroad.....carloads..	32,814	26,288	19,002	151,096	250,852	+ 66.0	1920	99	91	158	139	157	126	- 19.9				
Driveaways.....number of machines..	36,754	30,322	13,840	113,446	214,743	+ 89.3	1920	39	35	78	72	94	77	- 17.5				
By boat.....number of machines..	10,096	8,754	2,959	18,494	44,826	+142.4	1920	77	63	168	150	215	186	- 13.3				
<b>GLASS AND OPTICAL GOODS.</b>																		
Bottles, production.....index number.....																		
							1919	50	50	84	73	78	79	+ 1.3				
Illuminating glassware:																		
Net orders.....per ct. of capacity..	41.1	55.1	34.0				<sup>6</sup> 1921	71	93	132	101	112	150	+ 33.9				
Actual production.....per ct. of capacity..	28.7	43.7	22.6				<sup>6</sup> 1921	41	62	108	76	79	121	+ 53.2				
Shipments billed.....per ct. of capacity..	33.1	42.6	26.2				<sup>6</sup> 1921	54	73	114	93	93	119	+ 28.0				
Spectacle frames and mountings:																		
Sales (shipments).....index number.....							1913	179	218	277	210	252	285	+ 13.1				
Unfilled orders (value).....index number.....							1919	27	35	29	31	30	46	+ 53.3				

<sup>a</sup> Revised.

<sup>b</sup> Figures furnished by the National Association of Corrugated and Fiber Box Manufacturers.

<sup>c</sup> Twelve months' average, May, 1921, to April, 1922, inclusive.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.	
				1921	1922			Aug.	Sept.					
<b>BUILDING AND CONSTRUCTION.</b>														
<b>Building Costs.</b>														
<b>Building materials:</b>														
Frame house..... index number.....							1913			178	181	189	193	+ 2.1
Brick house..... index number.....							1913			181	184	193	197	+ 2.1
Building costs..... index number.....							1913	193	188	170	173	185	189	+ 2.2
Concrete factory costs..... index number.....							1914	160	157	171	174	190	192	+ 1.1
Hotel building costs..... index number.....							1913	108	164	161				
Loft office building costs..... index number.....							1913	171	166	166				
Subdivided office building costs..... index number.....							1913	167	163	159				
<b>Construction and Losses.</b>														
Building volume..... index number.....							1913	94	114	187	118	154	129	
<b>Contracts awarded, floor space:</b>														
Business buildings..... thous. of sq. ft..	7,793	9,074	7,174	47,508	76,224	+ 60.4	1919	75	78	111	95	84	98	+ 16.4
Industrial buildings..... thous. of sq. ft..	11,262	4,569	2,706	24,746	47,692	+ 92.7	1919	18	21	34	54	88	36	- 69.4
Residential buildings..... thous. of sq. ft..	23,712	23,059	21,709	138,023	230,873	+ 67.3	1919	89	108	156	121	118	114	- 2.8
Educational buildings..... thous. of sq. ft..	5,228	3,644	4,238	30,642	46,740	+ 52.5	1919	233	221	425	360	273	190	- 30.3
Hospitals and institutions..... thous. of sq. ft..	1,712	714	1,987	8,723	9,252	+ 6.1	1919	239	540	234	379	465	194	- 58.3
Public buildings..... thous. of sq. ft..	270	198	501	2,357	2,774	+ 17.7	1919	87	291	281	263	157	115	- 26.7
Social and recreational buildings..... thous. of sq. ft..	2,555	1,855	1,990	13,869	15,944	+ 15.0	1919	128	157	255	113	202	147	- 27.4
Religious and memorial buildings..... thous. of sq. ft..	1,337	1,035	1,222	7,273	10,326	+ 42.0	1919	204	275	360	323	301	233	- 22.6
Grand total..... thous. of sq. ft..	54,019	44,275	41,702	273,677	440,589	+ 61.0	1919	76	89	130	111	116	95	- 18.0
<b>Contracts awarded, value:</b>														
Business buildings..... thous. of dolls..	38,122	45,907	41,259	248,264	408,458	+ 64.5	1919	104	122	152	130	113	136	+ 20.4
Industrial buildings..... thous. of dolls..	67,374	26,385	11,283	122,658	248,812	+ 102.9	1919	25	26	47	75	158	62	- 60.8
Residential buildings..... thous. of dolls..	100,883	101,428	95,303	596,974	994,039	+ 66.5	1919	114	135	193	154	143	143	+ 1.0
Educational buildings..... thous. of dolls..	32,055	21,214	26,459	188,146	258,600	+ 37.4	1919	281	266	444	409	322	213	- 33.8
Hospitals and institutions..... thous. of dolls..	9,383	5,331	11,878	54,096	64,696	+ 19.6	1919	148	364	172	338	287	163	- 43.1
Public buildings..... thous. of dolls..	2,603	1,325	2,620	17,764	27,622	+ 55.4	1919	133	234	216	1,237	233	118	- 49.0
Public works and utilities..... thous. of dolls..	49,825	50,379	35,414	369,813	468,299	+ 26.6	1919	107	85	138	189	119	120	+ 1.1
Social and recreational buildings..... thous. of dolls..	12,446	12,005	11,693	89,104	96,695	+ 8.5	1919	122	168	200	146	179	172	- 3.5
Religious and memorial buildings..... thous. of dolls..	8,889	7,259	7,778	48,049	70,234	+ 46.1	1919	198	249	340	323	284	232	- 18.3
Grand total..... thous. of dolls..	322,007	271,493	246,186	1,746,466	2,640,203	+ 51.1	1919	103	115	160	163	150	126	- 15.7
Fire losses..... thous. of dolls..	21,580	41,515	25,502	249,614	292,623	+ 17.2	1919	115	114	108	164	96	185	+ 92.3
<b>Lumber.</b>														
<b>Southern pine:</b>														
Production..... M ft. b. m..	479,138	445,258	391,948	3,290,241	3,943,411	+ 22.9	1917	94	93	118	105	113	105	- 7.1
Stocks, end of month..... M ft. b. m..	1,117,534	1,207,900	1,183,042				1917	89	86	80	80	81	88	+ 8.1
Price, "B" and better..... dolls. per M ft. b. m..	46.12	49.45	35.79				1913	141	155	198	196	200	215	+ 7.2
<b>Douglas fir:</b>														
Production (computed)..... M ft. b. m..	475,878	477,222	337,973	2,484,886	3,961,345	+ 59.4	1917	94	97	140	136	136	137	+ 0.3
Shipments (computed)..... M ft. b. m..	430,215	415,442	316,486	2,601,723	3,781,695	+ 45.4	1917	113	98	160	138	133	129	- 3.4
Price, No. 1 common..... dolls. per M ft. b. m..	16.50	19.50	10.50				1913	114	114	147	158	179	212	+ 18.2
<b>California redwood:</b>														
Production..... M ft. b. m..	49,335	47,312	42,721	343,014	414,858	+ 20.9	1918	129	113	133	105	132	126	- 4.1
Shipments..... M ft. b. m..	42,517	43,903	29,817	225,784	367,117	+ 62.6	1918	119	105	163	105	149	154	+ 3.3
Orders received..... M ft. b. m..	48,661	38,509	35,024	222,009	394,134	+ 77.5	1918	116	121	147	110	169	134	- 20.9
<b>California white pine:</b>														
Production..... M ft. b. m..	131,500		69,240	290,305	431,000	+ 48.5	1918	132	112	177	170	250		
Shipments..... M ft. b. m..	68,128		36,150	193,175	310,975	+ 61.0	1918	113	115	167	127	214		
Stocks..... M ft. b. m..	430,529		403,083				1918	151	122	130	145	161		
<b>Michigan softwood:</b>														
Production..... M ft. b. m..	10,836	10,901	5,403	61,751	73,617	+ 19.2	1917	37	31	72	51	63	63	+ 1.0
Shipments..... M ft. b. m..	8,882	9,345	11,048	52,821	69,962	+ 32.4	1917	41	62	48	43	50	53	+ 5.2
Stocks, end of month..... M ft. b. m..	45,798	53,607	75,431				1917	74	71	47	58	43	50	+ 17.0

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-) Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>BUILDING AND CONSTRUCTION—Con.</b>																		
<b>Lumber—Continued.</b>																		
<b>Michigan hardwood:</b>																		
Production.....M ft. b. m..	12,575	13,057	6,815	132,534	119,117	- 10.1	1917	34	25	51	44	45	47	+ 3.8				
Shipments.....M ft. b. m..	16,073	13,100	9,708	68,670	103,149	+ 50.2	1917	26	31	33	40	51	42	- 18.4				
Stocks, end of month.....M ft. b. m..	121,257	122,956	177,676				1917	80	79	59	57	54	55	+ 1.4				
<b>Western pine:</b>																		
Production.....M ft. b. m..	175,630	176,195	84,984	710,805	1,069,499	+ 50.4	1917	92	75	145	125	155	155	+ 0.3				
Shipments.....M ft. b. m..	161,840	133,116	91,996	637,298	1,208,248	+ 89.5	1917	82	83	158	141	147	121	- 17.7				
Stocks, end of month.....M ft. b. m..	796,220	925,412	1,101,300				1920	127	125	86	90	90	105	+ 16.2				
<b>North Carolina pine:</b>																		
Production.....M ft. b. m..	54,600	55,230	32,396	236,936	472,290	+ 99.3	1913	92	95	158	162	160	161	+ 1.2				
Shipments.....M ft. b. m..	59,930	61,180	30,758	222,712	458,580	+105.9	1913	89	96	163	166	186	190	+ 2.1				
<b>Northern pine:</b>																		
<b>Lumber—</b>																		
Production.....M ft. b. m..	65,741	52,803	43,767	345,092	442,544	+ 28.2	1920	134	109	163	154	163	131	- 19.7				
Shipments.....M ft. b. m..	64,980	56,363	39,920	218,634	432,298	+ 97.7	1920	62	80	116	114	130	112	- 13.3				
<b>Lath—</b>																		
Production.....M ft. b. m..	18,877	15,324	16,795	86,179	126,143	+ 46.4	1920	134	175	212	207	197	160	- 18.8				
Shipments.....M ft. b. m..	21,936	21,948	12,708	95,364	106,774	+ 12.0	1920	261	200	171	214	345	345	0.0				
<b>Northern hemlock:</b>																		
Production.....M ft. b. m..	26,112	25,073	15,705	172,382	220,192	+ 27.7	1913	61	42	90	77	69	67	-4.0				
Shipments.....M ft. b. m..	29,570	32,333	25,544	146,492	236,506	+ 61.4	1913	59	70	108	85	81	89	+9.3				
<b>Northern hardwood:</b>																		
Production.....M ft. b. m..	22,522	20,412	8,196	315,473	243,979	- 22.7	1913	66	29	90	75	80	72	-9.4				
Shipments.....M ft. b. m..	43,103	39,080	24,377	142,164	295,808	+108.1	1913	86	96	160	162	170	154	-9.2				
Exports, planks, scantling, joists..M ft. b. m..	123,233	106,943	100,585	821,610	1,201,690	+ 46.3	1909-13	59	56	85	65	69	60	- 13.2				
<b>Flooring.</b>																		
<b>Oak flooring:</b>																		
Production.....M ft. b. m..	27,669	23,903	14,900	98,220	198,432	+102.0	1913	235	223	352	361	415	358	- 13.6				
Shipments.....M ft. b. m..	27,037	25,672	16,837	104,316	207,526	+ 98.9	1913	261	280	477	404	450	427	- 5.0				
Orders booked.....M ft. b. m..	25,971	21,991	16,667	104,290	207,095	+ 98.6	1913	250	273	401	350	425	360	- 15.3				
Stocks, end of month.....M ft. b. m..	21,054	21,120	33,415				1913	393	371	225	230	234	235	+ 0.3				
Unfilled orders, end of month..M ft. b. m..	37,173	35,957	9,552				1913	134	132	530	492	513	496	- 3.3				
<b>Maple flooring:</b>																		
Production.....M ft. b. m..	13,047	12,518	7,510	66,641	97,175	+ 45.8	1919	84	75	118	104	130	125	- 4.1				
Shipments.....M ft. b. m..	14,002	12,705	9,472	66,205	105,208	+ 58.9	1919	80	80	121	109	118	107	- 9.3				
Orders booked.....M ft. b. m..	11,950	12,093	9,632	71,555	109,049	+ 52.4	1919	75	68	98	78	84	85	+ 1.2				
Stocks, end of month.....M ft. b. m..	23,272	23,111	28,893				1919	202	187	173	159	151	150	- 0.7				
Unfilled orders, end of month..M ft. b. m..	22,668	22,397	10,868				1919	28	28	69	65	59	58	- 1.2				
<b>Brick.</b>																		
<b>Clay fire brick:</b>																		
Production.....thousands..	51,828	48,839	24,641	288,017	391,970	+ 36.1	1919	52	49	95	93	102	96	- 5.8				
Shipments.....thousands..	49,075	52,693	25,931	257,421	376,007	+ 46.1	1919	52	51	90	91	97	104	+ 7.4				
Stocks, end of month.....thousands..	162,876	156,899	141,017				1919	103	102	111	114	117	113	- 3.7				
New orders.....thousands..	52,300	59,771	25,512	187,485	432,710	+130.8	1919	47	50	112	108	102	116	+ 14.3				
Unfilled orders.....thousands..	74,399	79,511	27,033				1919	29	29	61	72	79	85	+ 6.9				
<b>Silica brick:</b>																		
Production.....thousands..	9,666	12,861	4,633	49,075	89,864	+ 83.1	1919	27	33	82	81	69	91	+ 33.1				
Shipments.....thousands..	11,687	11,332	3,883	40,969	90,763	+121.5	1919	27	28	76	89	83	81	- 3.0				
Stocks, end of month.....thousands..	35,743	37,103	42,341				1919	100	101	93	90	86	89	+ 3.8				
<b>Face brick:</b>																		
Production.....thousands..	46,849	51,674	41,066	297,062	402,711	+ 35.6	1919	118	91	132	116	104	114	+ 10.3				
Stocks, in sheds and kilns.....thousands..	91,339	100,559	125,850				1919	160	141	133	123	102	113	+ 10.1				
Unfilled orders.....thousands..	75,825	80,886	40,387				1919	55	47	104	105	88	94	+ 6.7				
Shipments.....thousands..	46,710	43,621	34,848	244,463	372,716	+ 52.5	1920	128	108	175	156	144	135	- 6.4				
<b>Prices:</b>																		
Common red, New York.dolls. per thous..	19.00	16.75	15.25				1913	225	232	307	307	290	255	- 11.8				
Common salmon, Chicago.dolls. per thous..	8.72	8.80	8.46				1913	172	171	178	186	177	178	+ 0.9				

\* Ten months' average, March to December, inclusive.



## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>BUILDING AND CONSTRUCTION—Con.</b>																		
<b>Cement.</b>																		
Production.....thous. of bbls..	11,664	11,424	10,027	72,307	81,563	+ 12.8	1913	133	131	147	151	152	149	- 2.1				
Shipments.....thous. of bbls..	14,361	12,444	11,329	74,045	88,684	+ 19.8	1913	167	152	182	187	194	168	- 13.3				
Stocks, end of month.....thous. of bbls..	45,746	4,723	6,953				1913	74	62	96	75	51	42	- 17.8				
Price, Portland.....dolls. per bbl..	1.64	1.75	1.59				1913	170	159	158	158	163	173	+ 6.7				
<b>Sanitary Ware.</b>																		
Baths, enamel:																		
Orders shipped.....number..	78,435	75,766	54,377	344,823	633,752	+ 83.8	1919	163	157	238	204	227	219	- 3.4				
Stocks.....number..	22,775	21,195	31,474				1919	116	75	90	71	54	50	- 6.9				
Orders received.....number..	82,536	79,722	57,024	345,489	819,779	+137.3	1919	89	82	184	142	118	114	- 3.4				
Lavatories, enamel:																		
Orders shipped.....number..	94,219	88,161	66,328	520,640	802,732	+ 54.2	1919	135	145	224	184	206	193	- 6.4				
Stocks.....number..	58,483	52,826	118,272				1919	92	85	49	45	42	38	- 9.7				
Orders received.....number..	98,765	99,232	67,381	492,164	1,047,972	+112.9	1919	87	92	221	151	134	135	+ 0.5				
Sinks, enamel:																		
Orders shipped.....number..	95,235	90,456	73,101	576,344	827,437	+ 43.6	1919	134	134	197	160	174	166	- 5.0				
Stocks.....number..	59,400	58,034	127,822				1919	103	102	66	56	47	46	- 2.3				
Orders received.....number..	102,617	112,951	77,359	553,368	1,093,086	+ 97.5	1919	81	88	189	141	117	128	+ 11.1				
Miscellaneous, enamel:																		
Orders shipped.....number..	42,634	47,450	37,268	299,043	398,013	+ 33.1	1919	125	131	171	142	150	167	+ 11.3				
Stocks.....number..	59,088	49,975	94,134				1919	132	118	83	79	74	63	- 15.4				
Orders received.....number..	56,516	57,813	38,359	275,088	532,077	+ 93.4	1919	88	92	177	147	135	138	+ 2.3				
Sanitary pottery:																		
Orders received.....number pieces per kiln..	737	880	227	1,308	4,329	+231.0	1919	42	53	97	129	171	205	+ 19.4				
<b>Abrasive Paper and Cloth.</b>																		
Domestic sales.....reams..	77,838	79,945	54,929	391,850	643,614	+ 64.3	1919	76	81	108	106	114	117	+ 2.7				
Foreign sales.....reams..	6,184	12,388	4,540	36,592	67,693	+ 85.0	1919	42	50	70	105	67	135	+ 99.5				
<b>HIDES AND LEATHER.</b>																		
<b>Hides.</b>																		
Imports:																		
Total hides and skins.....thous. of lbs..	59,881	50,587	32,806	268,958	358,763	+ 33.4	1909-13	89	77	105	93	140	118	- 15.5				
Calfskins.....thous. of lbs..	6,229	6,689	5,427	38,076	32,384	- 14.9	1909-13	86	82	63	53	91	98	+ 7.4				
Cattle hides.....thous. of lbs..	37,192	30,220	16,327	143,967	208,246	+ 44.6	1909-13	81	85	138	125	194	158	- 18.7				
Goat skins.....thous. of lbs..	5,540	4,369	6,772	43,951	56,155	+ 27.8	1909-13	123	83	92	59	68	53	- 21.1				
Sheep skins.....thous. of lbs..	8,841	7,144	3,222	34,500	42,926	+ 24.4	1909-13	107	61	100	28	167	135	- 19.2				
Stocks, end of month:																		
Total hides and skins.....thous. of lbs..	342,500	349,648	386,430				1921	95	90	79	79	79	81	+ 2.1				
Cattle hides.....thous. of lbs..	259,982	267,232	301,094				1921	95	89	77	77	77	79	+ 2.8				
Calf and kip skins.....thous. of lbs..	54,282	56,229	53,821				1921	91	92	92	92	93	96	+ 3.6				
Sheep and lamb skins.....thous. of lbs..	28,236	26,187	31,515				1921	106	96	83	73	86	80	- 7.3				
Prices:																		
Green salted, packer's heavy native steers.....dolls. per lb..	.201	.213	.141				1913	76	77	91	99	109	116	+ 6.0				
Calfskins, country No. 1.....dolls. per lb..	.182	.183	.160				1913	86	85	81	99	97	97	+ 0.5				
<b>Leather.</b>																		
Production:																		
Sole.....thous. of backs, bends, and sides.	71,509	71,491	1,507	12,771	12,999	+ 1.8	1919	86	80	72	74	80	79	- 1.2				
Skivers.....doz..	30,629	31,934	20,683	142,258	192,203	+ 35.1	1919	143	138	112	108	131	137	+ 4.6				
Oak and union harness.....stuffed sides.	7130,103	7131,265	49,507	496,763	861,275	+ 73.4	1919	51	52	101	98	109	110	+ 0.9				
Finished sole and belting.....thous. of lbs..	22,822	25,266	25,683	222,211	217,235	- 2.2	1921	105	100	92	92	89	98	+ 10.7				
Finished upper.....thous. of sq. ft..	76,067	73,170	67,545	486,407	633,958	+ 30.3	1921	121	116	113	108	131	126	- 3.8				
Stocks, end of month:																		
Sole and belting.....thous. of lbs..	177,672	174,682	193,043				1921	100	100	99	96	92	90	- 1.7				
Upper.....thous. of sq. ft..	407,794	413,250	408,038				1921	97	96	103	102	96	68	+ 1.3				
Stocks, in process of tanning:																		
Sole and belting.....thous. of lbs..	97,873	97,555	112,462				1921	98	101	89	88	88	88	- 0.3				
Upper.....thous. of sq. ft..	165,277	164,191	177,126				1921	106	108	97	99	101	100	- 0.7				

<sup>a</sup> Revised.

<sup>7</sup> Not exactly comparable with monthly figures prior to July, 1922. The index numbers have been computed by chain relatives and take account of the percentage variation rather than the absolute variation in the figures, and hence show the trend of the movement irrespective of the change in the number of firms reporting.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage in-crease (+), or de-crease (-) Sept. from Aug.				
	August, 1922	Septem-ber, 1922	Corre-spond-ing month, August or Septem-ber, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>HIDES AND LEATHER—Continued.</b>																		
<b>Leather—Continued.</b>																		
<b>Exports:</b>																		
Sole.....thous. of lbs..	1,064	858	858	8,650	12,954	+ 49.8	1913	33	33	71	85	41	33	- 19.4				
Upper.....thous. of sq. ft..	6,478	6,438	3,822	27,311	60,328	+120.9	1913	36	43	91	76	73	73	- 0.6				
<b>Prices:</b>																		
Sole, hemlock, middle No. 1. dolls. per lb..	.350	.350	.340				1913	121	121	128	124	124	124	0.0				
Chrome calf, "B" grades. dolls. per sq. ft..	.435	.465	.525				1913	195	195	158	161	161	173	+ 6.9				
<b>Leather Products.</b>																		
<b>Belting sales:</b>																		
Quantity.....thous. of lbs..	591	475	312				1919	48	44	60	69	83	67	- 19.6				
Amount.....thous. of dolls..	967	797	525				1919	42	38	53	57	71	58	- 17.6				
<b>Boots and shoes:</b>																		
Production.....thous. of pairs..	28,077	28,961					1919			93	84	102	105	+ 3.1				
Exports.....thous. of pairs..	434	421	417	7,777	3,843	- 50.6	1913	129	50	54	46	52	50	- 3.0				
<b>Wholesale prices—</b>																		
<b>Men's black calf, blucher,</b>																		
Massachusetts.....dolls. per pair..	6.50	6.40	7.00				1913	225	225	209	209	209	205	- 1.5				
<b>Men's dress welt, tan calf,</b>																		
St. Louis.....dolls. per pair..	4.60	4.81	5.00				1913	158	158	145	145	145	152	+ 4.6				
<b>Women's black kid, Goodyear</b>																		
welt, St. Louis.....dolls. per pair..	4.15	4.23	5.00				1913	167	167	138	138	138	141	+ 1.9				
<b>CHEMICALS.</b>																		
<b>Production:</b>																		
Acetate of lime.....thous. of lbs..	8,532		2,937	33,126	65,182	+ 96.7	1920	24	29	62	72	70						
Wood alcohol.....galls..	480,200		155,020	2,223,669	3,678,970	+ 65.4	1920	24	31	69	75	76						
Consumption, wood, carbonized.....cords..	55,430		17,744	247,245	407,376	+ 64.7	1920	23	29	66	74	73						
Stocks, wood.....cords..	938,720		697,566				1920	82	81	107	112	111						
<b>Imports:</b>																		
Potash.....long tons..	24,288	3,359	14,023	58,346	205,703	+252.6	1909-13	41	66	130	250	115	16	- 86.2				
Nitrate of soda.....long tons..	42,474	52,081	19,646	334,955	321,407	- 4.0	1909-13	77	46	115	73	98	121	+ 22.6				
<b>Exports:</b>																		
Sulphuric acid.....thous. of lbs..	673	258	621	10,071	10,943	+ 0.2	1909-13	177	101	404	169	110	42	- 61.7				
Dyes and dyestuffs.....thous. of dolls..	464	374	453	5,483	3,750	- 31.6	1909-13	2,110	1,564	1,194	1,454	1,604	1,292	- 19.4				
Total fertilizer.....long tons..	97,525	55,518	105,358	667,024	708,383	+ 6.2	1909-13	52	102	64	56	94	54	- 43.1				
<b>Price index numbers:</b>																		
Crude drugs.....index number..							1914	126	123	177	178	177	182	+ 2.8				
Essential oils.....index number..							1914	142	138	133	130	135	131	- 3.0				
Drugs and pharmaceuticals. index number..							1914	123	119	115	115	115	121	+ 5.2				
Chemicals.....weighted index number..							1913	158	147	157	156	152	149	- 2.0				
Price, sulphuric acid 66° N. Y. dolls. per 100 lbs..	.70	.70	.90				1913	90	90	80	71	70	74	0.0				
<b>NAVAL STORES.</b>																		
<b>Turpentine:</b>																		
Net receipts.....barrels..	34,346	29,797	29,204	195,507	183,148	- 6.3	1919-20	222	192	205	212	225	196	- 13.2				
Stocks.....barrels..	25,849	29,601	55,509				1919-20	170	179	35	53	83	95	+ 14.5				
<b>Rosin:</b>																		
Net receipts.....barrels..	106,008	100,522	86,008	511,743	700,299	+ 36.7	1919-20	162	154	180	176	190	180	- 5.2				
Stocks.....barrels..	329,268	335,702	324,486				1919-20	171	169	149	160	171	175	+ 2.0				
<b>FATS AND OILS.</b>																		
<b>Total vegetable oils:</b>																		
Exports.....thous. of lbs..	2,584	4,279	8,239	229,471	52,527	- 77.1	1913	21	28	10	8	9	15	+ 65.6				
Imports.....thous. of lbs..	38,830	27,452	45,177	216,492	480,175	+121.8	1913	70	211	246	237	182	128	- 29.3				
<b>Oleomargarine:</b>																		
Production.....thous. of lbs..	13,043		17,112	139,215	112,403	- 19.3	1913	141	136	104	101	108						
Consumption.....thous. of lbs..	11,754	16,113	17,723	151,737	123,677	- 18.5	1913	150	149	85	126	99	136	+ 37.1				
<b>Cottonseed.</b>																		
Cottonseed stocks.....tons..	55,995	403,223	390,970				1919	24	76	4	3	11	79	+620.1				
<b>Cottonseed oil:</b>																		
Stocks.....thous. of lbs..	10,039	54,906	51,167				1919	27	85	20	12	17	92	+446.9				
Production.....thous. of lbs..	13,354	98,609	99,803	796,069	429,166	- 46.1	1919	45		11	9	20	151	+638.4				
Price, New York.....dolls. per lb..	.099	.085	.099				1913	121	136	154	147	136	117	- 14.1				

## TREND OF BUSINESS MOVEMENTS—Continued.

	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage increase (+) or decrease (-), Sept. from Aug.
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		1922		
				1921	1922			Aug.	Sept.	June.	July.	Aug.	Sept.	
<b>FATS AND OILS—Continued.</b>														
<b>Flaxseed.</b>														
<b>Receipts:</b>														
Minneapolis.....thous. of bush..	368	895	559	3,755	2,854	- 24.0	1913	37	59	24	12	39	95	+143.2
Duluth.....thous. of bush..	21	527	399	2,614	1,217	- 53.4	1913	28	39	14	9	2	51	( <sup>5</sup> )
<b>Shipments:</b>														
Minneapolis.....thous. of bush..	77	175	197	893	795	- 11.0	1913	129	126	18	32	49	112	+127.3
Duluth.....thous. of bush..	47	189	309	3,043	977	- 67.9	1913	23	28	5	14	4	17	+302.1
<b>Stocks:</b>														
Minneapolis.....thous. of bush..	70	21	928	.....	.....	.....	1913	461	398	22	6	30	9	- 70.0
Duluth.....thous. of bush..	9	334	978	.....	.....	.....	1913	32	36	5	1	( <sup>6</sup> )	12	( <sup>5</sup> )
<b>Linseed oil:</b>														
Shipments from Minneapolis.thous. of lbs..	5,536	11,237	8,316	75,790	65,196	- 14.0	1913	64	55	54	38	36	74	+103.0
<b>Linseed-oil cake:</b>														
Shipments from Minneapolis.thous. of lbs..	5,297	15,164	8,060	134,480	77,311	- 42.5	1913	66	27	12	14	18	50	+186.3
<i>Following figures are quarterly.</i>														
<b>Crude vegetable oil:</b>														
Production.....thous. of lbs..	202,045	294,453	325,521	1,306,804	984,294	- 24.6	1919	57	56	35	.....	.....	51	+ 45.7
Consumption.....thous. of lbs..	316,395	297,309	326,390	1,403,608	1,136,996	- 19.0	1919	73	51	50	.....	.....	47	- 6.0
Stocks.....thous. of lbs..	297,830	283,997	253,595	.....	.....	.....	1919	54	50	59	.....	.....	56	- 4.6
<b>Refined vegetable oil:</b>														
Production.....thous. of lbs..	141,128	111,421	179,066	970,151	602,275	- 37.9	1919	66	38	30	.....	.....	24	- 21.0
Consumption.....thous. of lbs..	176,337	239,911	305,542	901,793	661,099	- 26.7	1919	93	85	49	.....	.....	67	+ 36.1
Stocks.....thous. of lbs..	254,089	96,279	126,385	.....	.....	.....	1919	117	45	66	.....	.....	34	- 62.1
<b>Cottonseed oil—crude:</b>														
Production.....thous. of lbs..	43,768	119,195	142,990	779,050	426,956	- 45.2	1919	43	40	12	.....	.....	33	+172.3
Consumption.....thous. of lbs..	95,775	64,025	128,850	877,287	461,588	- 47.3	1919	88	39	29	.....	.....	19	- 33.2
Stocks.....thous. of lbs..	12,194	54,906	50,576	.....	.....	.....	1919	34	45	11	.....	.....	49	+350.3
<b>Peanut oil—crude and virgin:</b>														
Production.....thous. of lbs..	6,831	1,236	9,833	28,291	19,141	- 32.3	1919	53	45	31	.....	.....	6	- 81.9
Consumption.....thous. of lbs..	8,487	6,260	13,354	34,919	26,299	- 24.6	1919	19	25	16	.....	.....	12	- 26.2
Stocks.....thous. of lbs..	4,876	1,141	8,121	.....	.....	.....	1919	61	34	20	.....	.....	5	- 76.6
<b>Coconut or copra oil—crude:</b>														
Production.....thous. of lbs..	47,444	34,217	34,439	77,401	135,065	+ 74.5	1919	37	64	88	.....	.....	63	- 27.9
Consumption.....thous. of lbs..	62,046	73,597	64,992	179,294	206,091	+ 14.9	1919	50	62	59	.....	.....	70	+ 18.6
Stocks.....thous. of lbs..	131,001	108,557	77,219	.....	.....	.....	1919	45	50	84	.....	.....	70	- 17.1
<b>Corn oil—crude:</b>														
Production.....thous. of lbs..	23,917	26,626	25,004	59,702	77,527	+ 29.8	1919	78	103	98	.....	.....	109	+ 11.3
Consumption.....thous. of lbs..	21,306	23,307	19,568	48,811	73,517	+ 50.6	1919	71	87	95	.....	.....	104	+ 9.4
Stocks.....thous. of lbs..	7,073	8,139	7,335	.....	.....	.....	1919	73	91	88	.....	.....	101	+ 15.1
<b>Linseed oil:</b>														
Production.....thous. of lbs..	70,349	103,400	107,716	345,284	298,690	- 13.5	1919	105	95	62	.....	.....	91	+ 47.0
Consumption.....thous. of lbs..	92,605	89,096	65,324	169,963	256,097	+ 50.6	1919	141	138	196	.....	.....	188	- 3.8
Stocks.....thous. of lbs..	97,034	69,036	69,601	.....	.....	.....	1919	127	106	148	.....	.....	106	- 28.9
<b>Fish oil:</b>														
Production.....thous. of lbs..	8,892	44,433	23,384	27,007	55,265	+104.6	1919	31	284	108	.....	.....	540	+399.7
Consumption.....thous. of lbs..	31,324	38,720	17,139	41,786	86,431	+106.8	1919	137	175	320	.....	.....	395	+ 23.6
Stocks.....thous. of lbs..	48,412	59,547	53,637	.....	.....	.....	1919	136	120	109	.....	.....	133	+ 23.0
<b>Animal fats:</b>														
Production.....thous. of lbs..	516,487	456,441	419,742	1,428,381	1,503,104	+ 5.2	1919	135	114	141	.....	.....	124	- 11.6
Consumption.....thous. of lbs..	129,838	131,879	153,237	462,633	406,337	- 12.1	1919	108	106	90	.....	.....	91	+ 1.6
Stocks.....thous. of lbs..	247,235	161,034	189,089	.....	.....	.....	1919	232	137	179	.....	.....	117	- 34.9
<b>Greases:</b>														
Production.....thous. of lbs..	97,772	83,206	77,492	255,236	279,801	+ 9.6	1919	127	111	140	.....	.....	119	- 14.9
Consumption.....thous. of lbs..	60,635	57,658	42,174	125,941	179,527	+ 42.5	1919	89	82	118	.....	.....	112	- 4.9
Stocks.....thous. of lbs..	57,445	45,029	99,407	.....	.....	.....	1919	157	148	85	.....	.....	67	- 21.6
<b>Derivatives:</b>														
Production.....thous. of lbs..	398,792	465,527	429,836	950,262	1,347,575	+ 41.8	1919	101	162	151	.....	.....	176	+ 16.7
Consumption.....thous. of lbs..	189,511	237,138	193,489	543,284	636,638	+ 17.1	1919	88	93	91	.....	.....	114	+ 21.5
Stocks.....thous. of lbs..	188,476	126,595	141,169	.....	.....	.....	1919	99	77	103	.....	.....	69	- 32.8

<sup>5</sup> Very large percentage increase.<sup>6</sup> Index number less than one.<sup>7</sup> Previous quarter, June 30.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>FATS AND OILS—Continued.</b>																		
<b>Oil, Seed, and Nuts.</b>																		
<i>Reported quarterly.</i>																		
<b>Peanuts, hulled:</b>																		
Consumption.....short tons..	9 3,046	893	1,584	8,731	7,431	- 14.8	1919	9 12	4	9				3	- 70.7			
Stocks.....short tons..	9 344	191	970				1919	9 13	9	3				2	- 44.5			
<b>Copra:</b>																		
Consumption.....short tons..	9 31,741	26,964	26,382	57,867	99,549	+ 72.0	1919	9 33	63	75				64	- 15.9			
Stocks.....short tons..	9 10,507	6,542	10,849				1919	9 13	49	47				29	- 37.7			
<b>Corn germs:</b>																		
Consumption.....short tons..	9 35,086	33,279	35,012	85,078	107,829	+ 26.7	1919	9 74	96	96				91	- 5.2			
Stocks.....short tons..	9 510	641	370				1919	9 48	44	61				76	+ 25.7			
<b>Flaxseed:</b>																		
Consumption.....short tons..	9 96,358	156,316	162,747	517,643	440,642	- 14.8	1919	9 103	94	66				90	+ 62.2			
Stocks.....short tons..	9 24,852	50,763	53,354				1919	9 169	179	83				170	+104.8			
<b>FOODSTUFFS.</b>																		
<b>Wheat.</b>																		
<b>Production, monthly estimate:</b>																		
Winter.....thous. of bush..	<sup>10</sup> 541,809	<sup>11</sup> 541,809	<sup>11</sup> 543,879				1909-13	<sup>10</sup> 123	<sup>11</sup> 123	123	123	<sup>10</sup> 123	<sup>11</sup> 123		0.0			
Spring.....thous. of bush..	<sup>10</sup> 268,314	<sup>11</sup> 268,314	<sup>11</sup> 196,776				1909-13	<sup>10</sup> 80	<sup>10</sup> 80	107	113	<sup>10</sup> 109	<sup>11</sup> 109		0.0			
Total.....thous. of bush..	<sup>10</sup> 810,123	<sup>11</sup> 810,123	<sup>11</sup> 740,665				1909-13	<sup>10</sup> 108	<sup>11</sup> 108	117	119	<sup>10</sup> 118	<sup>11</sup> 118		0.0			
Exports, including flour.....thous. of bush..	38,964	31,839	38,950	295,873	172,956	- 41.5	1913	562	327	153	160	327	267		- 18.3			
Visible supply.....thous. of bush..	44,097	78,958	87,197				1913	96	170	95	79	86	154		+ 79.1			
Receipts, principal markets.....thous. of bush..	60,644	57,735	61,406	345,304	283,988	- 17.8	1919	218	195	67	126	193	183		- 4.8			
Shipments, principal markets.....thous. of bush..	48,846	32,081	40,300	229,970	197,630	- 14.1	1919	263	202	110	108	245	161		- 34.3			
<b>Wheat flour:</b>																		
Production.....thous. of bbls..	12,271	12,540	13,349	88,286	88,050	- 0.3	1914	137	138	84	106	126	129		+ 2.2			
Consumption.....thous. of bbls..	10,080	11,081	11,654	73,059	77,185	+ 5.6	1919	124	143	90	97	124	136		+ 9.9			
Stocks.....thous. of bbls..	8,100	8,300	8,265				1919	89	88	58	75	86	88		+ 2.5			
<b>Prices:</b>																		
No. 1, northern Chicago.....dolls. per bush..	1.178	1.129	1.365				1913	142	150	137	142	129	124		- 4.2			
No. 2, red winter, Chicago.....dolls. per bush..	1.057	1.071	1.276				1913	125	130	118	117	107	109		+ 1.3			
Flour, standard patents, Minneapolis.....dolls. per bbl..	6.995	6.344	8.318				1913	177	182	164	170	153	138		- 9.3			
Flour, winter straights, Kansas City.....dolls. per bbl..	5.525	5.360	6.681				1913	167	174	167	162	144	139		- 3.0			
<b>Corn.</b>																		
Production, monthly estimate.....mills. of bush..	<sup>10</sup> 2,853	<sup>11</sup> 2,896	<sup>11</sup> 3,152				1909-13	<sup>10</sup> 117	<sup>11</sup> 116	111	106	<sup>10</sup> 105	<sup>11</sup> 107		+ 1.5			
Exports, including meal.....thous. of bush..	12,325	9,769	18,937	107,532	143,044	+ 33.0	1913	331	448	280	341	292	231		- 20.7			
Visible supply.....thous. of bush..	10,007	13,952	13,262				1913	161	158	393	265	119	166		+ 39.4			
Receipts, principal markets.....thous. of bush..	24,380	35,296	36,561	251,217	299,905	+ 19.4	1919	196	244	208	173	163	235		+ 44.8			
Shipments, principal markets.....thous. of bush..	21,728	19,136	26,961	176,056	207,172	+ 17.7	1919	244	305	220	294	246	216		- 11.9			
Grindings (starch and glucose).....thous. of bush..	5,650	6,108	6,092	39,760	49,101	+ 23.5	1913	138	145	127	126	135	146		+ 8.1			
Prices, contract grades, No. 2, Chicago.....dolls. per bush..	.622	.635	.538				1913	91	86	98	103	100	102		+ 2.1			
<b>Other Grains.</b>																		
<b>Oats:</b>																		
Production, monthly est.....thous. of bush..	<sup>10</sup> 1,230	<sup>11</sup> 1,230	<sup>11</sup> 1,079				1909-13	<sup>10</sup> 95	<sup>11</sup> 95	111	111	<sup>10</sup> 109	<sup>11</sup> 109		0.0			
Receipts, principal markets.....thous. of bush..	25,371	22,418	19,016	168,300	160,654	- 4.5	1913	197	92	85	81	123	108		- 11.6			
Visible supply.....thous. of bush..	38,355	35,968	61,824				1913	347	355	245	211	220	207		- 6.2			
Exports, including meal.....	2,286	4,870	678	6,615	27,757	+319.6	1913	56	22	236	153	76	161		+113.0			
Prices, contract grades, Chicago.....dolls. per bush..	.335	.384	.384				1913	96	102	99	99	89	102		+14.6			
<b>Barley:</b>																		
Production, monthly est.....thous. of bush..	<sup>10</sup> 196,431	<sup>11</sup> 196,431	<sup>11</sup> 163,399				1909-13	<sup>10</sup> 90	<sup>11</sup> 90	105	107	<sup>10</sup> 108	<sup>11</sup> 108		0.0			
Receipts, principal markets.....thous. of bush..	4,121	5,081	5,086	32,033	27,482	- 14.2	1913	71	56	36	25	45	56		+ 23.9			
Exports.....thous. of bush..	2,086	3,671	5,357	20,410	13,168	- 35.5	1913	315	367	79	172	143	251		+ 76.0			
Price, fair to good, malting, Chicago.....dolls. per bush..	.568	.590	.607				1913	101	97	97	103	91	94		+ 3.9			

<sup>9</sup> Previous quarter, ending June 30.

<sup>10</sup> October 1 estimate.

<sup>11</sup> November 1 estimate.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage increase (+) or decrease (-), Sept. from Aug.
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		1922		
				1921	1922			Aug.	Sept.	June.	July.	Aug.	Sept.	
<b>FOODSTUFFS—Continued.</b>														
<b>Other Grains—Continued.</b>														
<b>Rye:</b>														
Production, monthly est. . . . .	10 79,623	11 79,623	11 64,332	.....	.....	.....	1909-13	10 184	11 184	228	228	10 228	11 228	0.0
Receipts, principal markets . . . . .	14,085	11,980	5,488	23,536	41,413	+ 76.0	1913	480	424	141	111	1,088	926	- 14.9
Exports, including flour . . . . .	4,623	11,163	3,720	25,480	36,318	+ 42.5	1913	2,070	2,400	3,215	1,803	2,983	7,207	+141.5
Price, No. 2, Chicago . . . . .	.723	.715	1,060	.....	.....	.....	1913	168	167	139	135	114	112	- 1.1
<b>Total Grains.</b>														
Total production, estimate . . . . .	105,169,350	115,212,059	115,198,603	.....	.....	.....	1909-13	10 110	11 110	113	110	10 109	11 110	+ 0.8
Total grain exports, incl. flour . . . . .	60,284	61,312	67,642	455,910	393,243	- 13.7	1913	435	326	208	209	290	295	+ 1.7
Car loadings of grain and grain products . . . . .	56,177	51,308	55,272	.....	.....	.....	1919	154	142	102	129	144	132	- 8.7
<b>Other Crops.</b>														
<b>Rice:</b>														
Receipts at mills . . . . .	449	909	768	6,636	5,086	- 23.4	1919	161	126	7	3	74	149	+102.4
Shipments, total from mills . . . . .	51,965	79,047	75,204	911,554	592,322	- 35.0	1919	149	123	46	44	85	129	+ 52.1
Shipments, through New Orleans . . . . .	22,683	24,397	27,144	311,855	205,339	- 34.2	1919	150	107	56	53	89	96	+ 7.6
Stocks, end of month—														
Domestic, at mills and dealers . . . . .	40,228	62,141	68,634	.....	.....	.....	1919	86	85	94	63	50	77	+ 54.5
Foreign, in warehouses . . . . .	10,700	.....	7,127	.....	.....	.....	1919	41	28	51	49	42	.....	.....
Imports . . . . .	2,066	5,129	2,520	51,570	44,481	- 13.7	1919	52	19	25	15	15	38	+148.3
Exports . . . . .	26,118	11,942	54,577	489,440	322,106	- 34.2	1919	197	174	149	105	83	38	- 54.3
<b>Apples:</b>														
Production, monthly est. . . . .	10 203,667	11 205,539	11 102,290	.....	.....	.....	1909-13	62	58	114	117	115	116	+ 0.9
Cold-storage holdings . . . . .	.....	1,397	792	.....	.....	.....	1919	.....	46	3	.....	.....	81	.....
Car-lot shipments . . . . .	4,312	12,607	13,146	40,926	35,237	- 13.1	1919	193	480	18	35	63	186	+192.4
Potatoes, car-lot shipments . . . . .	17,389	23,244	26,040	147,991	174,262	+ 17.8	1919	174	277	148	122	116	155	+ 33.7
Onions, car-lot shipments . . . . .	2,201	4,234	3,362	18,179	17,632	- 3.0	1919	193	185	54	75	126	243	+ 92.4
Citrus fruit, car-lot shipments . . . . .	1,908	1,888	3,661	69,692	48,420	- 30.5	1919	67	68	71	45	35	35	- 1.0
Hay production, mo. est. . . . .	10 92,886	11 92,886	11 94,619	.....	.....	.....	1909-13	10 121	11 143	141	141	10 141	11 141	0.0
<b>Cattle and Beef.</b>														
Receipts, primary markets . . . . .	2,149	2,373	a 1,906	14,132	16,005	+ 13.3	1919	91	93	86	83	105	116	+ 10.4
Shipments, primary markets . . . . .	1,035	1,241	a 911	5,726	6,880	+ 20.2	1919	95	102	78	75	116	139	+ 19.9
Shipments, stocker and feeder . . . . .	469	597	a 395	2,140	2,967	+ 38.6	1919	81	90	72	51	107	136	+ 27.3
Slaughter . . . . .	1,106	1,107	986	8,319	9,001	+108.2	1919	87	86	93	88	97	97	+ 0.1
Exports of beef products . . . . .	13,751	13,832	18,568	150,753	134,959	- 10.5	1913	136	136	146	112	101	102	+ 0.6
Cold-storage holdings of beef (1st of following month) . . . . .	a 48,291	53,566	a 59,822	.....	.....	.....	1919	28	25	21	20	20	22	+ 10.9
Inspected slaughter production . . . . .	437,813	.....	406,110	2,911,410	3,191,658	+ 9.6	1913	118	119	125	119	127	.....	.....
Apparent consumption . . . . .	425,163	.....	a 407,509	2,875,382	3,124,759	+ 8.7	1919	91	89	94	89	95	.....	.....
<b>Prices, Chicago:</b>														
Cattle, corn-fed . . . . .	10.375	10.713	8.375	.....	.....	.....	1913	103	98	104	114	122	126	+ 3.3
Beef, fresh native steers . . . . .	15.50	15.50	16.00	.....	.....	.....	1913	124	123	112	114	120	120	0.0
Beef, steer rounds, No. 2 . . . . .	16.40	14.90	14.40	.....	.....	.....	1913	122	110	123	130	125	114	- 9.1
<b>Hogs and Pork.</b>														
Receipts, primary markets . . . . .	3,037	3,062	a 2,655	30,270	30,960	+ 2.3	1919	71	71	101	80	81	82	+ 0.8
Shipments, primary markets . . . . .	1,065	1,153	a 951	10,418	10,869	+ 4.3	1919	78	80	93	86	89	97	+ 8.3
Shipments, stocker and feeder . . . . .	31	33	41	385	442	+ 14.8	1919	31	55	76	41	41	44	+ 6.5
Slaughter . . . . .	1,976	1,917	a 1,697	19,825	20,097	+ 1.4	1919	68	67	106	76	78	76	- 3.0
Exports, pork products . . . . .	127,667	120,124	173,989	1,363,806	1,080,733	- 20.8	1913	213	212	146	163	156	146	- 5.9
Inspected slaughter production . . . . .	525,889	.....	451,662	4,822,292	4,627,999	- 4.0	1913	94	87	149	117	109	.....	.....
Apparent consumption . . . . .	485,361	.....	a 424,972	3,253,391	3,605,402	+ 10.8	1919	152	169	178	175	173	.....	.....
Cold-storage holdings, pork products, (1st of following month) . . . . .	a 739,425	565,146	a 557,016	.....	.....	.....	1919	85	61	94	91	81	62	- 23.6
<b>Prices:</b>														
Hogs, heavy, Chicago . . . . .	8.688	9.169	7.950	.....	.....	.....	1913	116	95	122	121	104	110	+ 5.5
Pork, loins, fresh, Chicago . . . . .	25.60	28.40	27.40	.....	.....	.....	1913	192	184	135	160	173	191	+ 10.6

a Revised.

10 October 1 estimate.

11 November 1 estimate.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage in-crease (+) or de-crease (-), Sept. from Aug.
	August, 1922	Septem-ber, 1922	Corre-sponding month, August or Septem-ber, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.	
				1921	1922			Aug.	Sept.	June.	July.			
<b>FOODSTUFFS—Continued.</b>														
<b>Sheep and Mutton.</b>														
Receipts, primary markets..... thousands..	1,951	2,241	2,618	17,394	15,188	- 12.7	1919	110	116	75	74	86	99	+ 14.9
Shipments, primary markets..... thousands..	904	1,241	1,428	7,690	7,256	- 5.6	1919	93	118	64	59	75	103	+ 37.3
Shipments, stocker and feeder..... thousands..	350	524	555	1,651	2,006	+ 21.5	1919	70	96	31	35	61	91	+ 49.7
Slaughter..... thousands..	1,021	1,008	1,200	9,725	7,904	- 18.7	1919	127	114	88	91	97	96	- 1.3
Inspected slaughter production.. thous. of lbs.	37,430		44,433	325,120	272,340	- 16.2	1913	85	86	70	65	71		
Cold-storage holdings, lamb and mutton (1st of following month)..... thous. of lbs.	a 3,376	3,539	5,993				1919	70	71	44	39	40	42	+ 4.8
Prices:														
Sheep, ewes, Chicago... dolls. per 100 lbs..	5.344	4.938	3.156				1913	66	67	100	117	114	105	- 7.6
Sheep, lambs, Chicago... dolls. per 100 lbs..	12.438	13.031	8.813				1913	125	113	147	163	160	167	+ 4.8
<b>Fish.</b>														
Total catch..... thous. of lbs..	20,167	17,671	14,870	127,327	154,295	+ 21.2	1919	99	86	91	108	116	102	- 12.4
Cold-storage holdings, 15th of mo. thous. of lbs..	32,227	40,796	a 54,469				1919	77	88	34	41	52	66	+ 26.6
<b>Poultry.</b>														
Receipts at 5 markets..... thous. of lbs..	15,571	17,229	18,400	126,450	142,528	+ 12.7	1919	76	93	82	84	79	87	+ 10.6
Cold-storage holdings (1st of following month)..... thous. of lbs..	a 27,671	25,883	25,602				1919	30	38	52	46	42	30	- 6.5
<b>Dairy Products.</b>														
Condensed and evaporated milk:														
Exports..... thous. of lbs..	11,247	10,549	38,061	217,082	149,579	- 31.1	1919	43	54	22	12	16	15	- 6.2
Receipts at 5 markets:														
Butter..... thous. of lbs..	62,494	46,419	50,546	451,128	531,978	+ 17.9	1919	136	110	203	202	136	101	- 25.7
Cheese..... thous. of lbs..	19,819	17,729	14,841	137,551	155,399	+ 13.0	1919	79	91	140	147	122	109	- 10.5
Eggs..... thous. of cases..	1,028	815	919	13,079	14,609	+ 11.7	1919	93	77	162	131	87	69	- 20.7
Cold-storage holdings (1st of following month):														
Creamery butter..... thous. of lbs..	a 112,039	96,367	a 90,116				1916-20	164	160	120	183	199	171	- 14.0
American cheese..... thous. of lbs..	a 53,625	49,455	a 45,163				1916-20	125	121	89	125	144	133	- 7.8
Case eggs..... thous. of cases..	a 9,608	7,868	a 6,269				1916-20	195	170	266	275	260	213	- 18.1
Wholesale prices at 5 markets:														
Butter..... dolls. per lb..	.362	.410	.425				1919	76	72	64	62	61	69	+ 13.3
Cheese..... dolls. per lb..	.200	.216	.200				1919	64	64	61	65	65	70	+ 8.0
Fluid milk:														
Receipts—														
Boston (including cream)..... thous. of qts..	15,402						1919	110	108	129	125	118		
Greater New York..... thous. of cans..	2,302	2,233	2,262	19,707	20,224	+ 2.6	1913	149	151	165	161	154	149	- 3.0
Production—														
Minneapolis district..... thous. of qts..	11,042	10,396	9,767	113,727	122,308	+ 7.5	1919	165	137	224	189	155	146	- 5.9
<b>Sugar.</b>														
Receipts, Louisiana crop..... long tons..	3,939	1,842	2,063	20,553	24,692	+ 20.1	1913	25	13	13	16	24	11	- 53.2
Imports, raw..... long tons..	425,960	174,232	141,103	2,206,169	3,766,594	+ 70.7	1913	145	80	264	257	242	99	- 59.1
Meltings, raw..... long tons..	540,024	312,909	262,817	2,798,365	4,287,292	+ 52.5	1919	127	81	164	163	166	96	- 42.1
Stocks, raw, end of month..... long tons..	262,959	180,577	137,390				1919	140	144	290	324	276	189	- 31.3
Exports, refined..... long tons..	89,824	12,870	35,617	350,886	857,357	+144.3	1909-13	2,012	1,206	5,560	3,010	3,042	436	- 85.7
Prices:														
Wholesale, 96° centrifugal, N. Y..... dolls. per lb..	.052	.048	.043				1913	134	123	131	147	148	138	- 7.7
Wholesale, refined, N. Y..... dolls. per lb..	.067	.063	.056				1913	137	131	137	154	158	146	- 6.0
Retail, average 51 cities..... index number..							1913	136	133	129	138	147	144	- 2.0
Cuban movement:														
Receipts at Cuban ports..... long tons..	183,441	90,378	63,030	3,479,788	3,754,722	+ 7.9	1919	40	19	104	89	56	27	- 50.7
Exports..... long tons..	349,979	213,728	98,745	3,117,074	3,541,537	+ 13.6	1919	87	30	166	162	108	66	- 38.9
Stocks..... long tons..	460,987	341,329	1,183,488				1919	190	184	131	101	72	53	- 26.0

a Revised.

## TREND OF BUSINESS MOVEMENTS—Continued.

	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>FOODSTUFFS—Continued.</b>																		
<b>Coffee.</b>																		
Imports.....thous. of lbs..	69,166	59,318	63,546	987,594	859,015	- 13.0	1909-13	125	84	126	120	91	78	- 14.2				
Visible supply:																		
World.....thous. of bags..	8,775	8,513	8,920				1913	77	76	73	73	74	72	- 3.0				
United States.....thous. of bags..	904	940	1,306				1913	89	69	57	59	48	50	+ 4.0				
Receipts, total, Brazil.....thous. of bags..	1,089	948	1,156	9,426	7,704	- 18.3	1913	127	121	46	69	114	99	- 12.9				
Clearances:																		
Total, Brazil, for world.....thous. of bags..	1,041	1,083	1,218	8,877	8,771	- 1.2	1913	101	123	76	74	105	109	+ 4.0				
Total, Brazil, for U. S.....thous. of bags..	425	554	514	4,262	3,935	- 7.7	1913	79	131	86	83	108	141	+ 30.4				
<b>Tea.</b>																		
Imports.....thous. of lbs..	9,657	7,938	8,391	46,848	60,010	+ 28.1	1909-13	95	102	65	87	117	96	- 17.8				
<b>TOBACCO.</b>																		
Production (tax-paid withdrawals):																		
Large cigars.....millions..	641	626	614	5,044	4,958	- 1.7	1913	99	97	98	93	102	99	- 2.3				
Small cigarettes.....millions..	6,374	5,554	4,791	38,738	40,998	+ 5.8	1913	396	370	409	405	492	428	- 12.9				
Manufactured tobacco and snuff.....thous. of lbs..	41,476	37,108	34,803	293,278	324,279	+ 10.6	1913	100	94	103	96	112	100	- 10.5				
Exports:																		
Unmanufactured leaf.....thous. of lbs..	28,958	33,102	33,009	403,880	295,785	- 26.8	1909-1913	168	105	95	103	92	105	+ 14.3				
Cigarettes.....thousands..	1,052,855	1,148,533	787,162	6,299,782	8,686,094	+ 37.9	1913	342	407	610	362	545	594	+ 9.1				
Sales at loose-leaf warehouses.....thous. of lbs..	50,655	52,413	48,421	634,061	286,630	- 54.8	1919	64	59	1	2	62	64	+ 3.5				
Price, wholesale, Burley good leaf, dark red, Louisville.....dolls. per 100 lbs..	27.50	27.50	27.50				1913	208	208	208	208	208	208	0.0				
Stocks (reported quarterly):																		
Chewing, smoking, snuff, export.....mills. of lbs..	9 1,120	993	1,136				1913	9 152	140	138			122	- 11.3				
Cigar tobacco.....mills. of lbs..	9 414	383	338				1913	9 97	91	112			103	- 7.5				
Total, including imported.....mills. of lbs..	9 1,616	1,457	1,547				1913	9 135	125	131			118	- 9.8				
<b>TRANSPORTATION—WATER.</b>																		
<b>Cargo Traffic.</b>																		
Panama Canal:																		
In American vessels.....thous. of long tons..	564		380	3,096	3,833	+ 23.8	1915	209	211	264	264	309						
In British vessels.....thous. of long tons..	336		202	2,271	2,427	+ 6.9	1915	110	114	146	200	183						
Total cargo traffic.....thous. of long tons..	1,166		839	7,098	8,165	+ 15.0	1915	206	185	240	297	286						
Sault Ste. Marie Canal.....thous. of short tons..	10,286	10,986	6,482	37,310	43,529	+ 16.7	1913	75	65	81	103	103	110	+ 6.8				
New York State canals.....thous. of short tons..	321	281	269				1913	91	124	61		86	76	- 12.5				
Mississippi River:																		
Receipts at St. Louis.....short tons..							1913	131	40	144								
Shipments from St. Louis.....short tons..							1913	934	978	427								
Government barge line.....tons..	52,125		58,345	266,115	497,556	+ 87.0	1919	668	507	795	819	597						
<b>Vessels in Foreign Trade.</b>																		
Entered in U. S. ports:																		
American.....thous. of net tons..	3,035	2,808	2,676	22,933	22,593	- 1.5	1913	245	228	222	271	259	239	- 7.5				
Foreign.....thous. of net tons..	3,505	3,470	2,759	23,845	25,267	+ 6.0	1913	101	85	90	105	107	106	- 1.0				
Total.....thous. of net tons..	6,540	6,273	5,435	46,779	47,860	+ 2.3	1913	139	122	125	149	147	141	- 4.0				
Cleared from U. S. ports:																		
American.....thous. of net tons..	2,903	3,050	3,092	22,202	22,729	+ 0.3	1913	206	247	210	244	232	244	+ 5.1				
Foreign.....thous. of net tons..	3,274	3,429	2,903	24,966	24,854	- 0.4	1913	100	90	94	102	101	106	+ 4.7				
Total.....thous. of net tons..	6,178	6,479	5,995	47,169	47,583	+ 0.9	1913	129	134	126	141	138	145	+ 4.9				
<b>Index of Ocean Freight Rates.</b>																		
United States Atlantic to—																		
United Kingdom, weighted index number.....							Jan. 1920	42.9	41.8	27.5	28.8	29.2	27.0	- 7.5				
All Europe.....weighted index number.....							Jan. 1920	36.7	36.0	25.7	25.9	24.6	23.4	- 4.9				
<b>Ship Construction.</b>																		
Vessels under construction,thous. of gross tons..	249	255	440				1920	44	38	18	19	22	22	+ 2.4				
New vessels completed.....thous. of gross tons..	12	16	90	1,114	217	- 80.5	1919	22	26	5	6	3	5	+ 33.3				

<sup>9</sup> Previous quarter, June 30.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage increase (+) or decrease (-), Sept. from Aug.
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922				
				1921	1922			Aug.	Sept.	June.	July.	Aug.	Sept.	
<b>TRANSPORTATION—RAIL.</b>														
<b>Freight Cars.</b>														
<b>Surplus:</b>														
Box.....number..	3,850	201	42,093				1919	84	51	73	26	5	( <sup>9</sup> )	- 94.8
Coal.....number..	54,566	3,486	98,048				1919	173	130	195	174	72	5	- 93.6
Total.....number..	70,455	5,843	172,420				1919	130	91	179	92	37	3	- 91.7
<b>Shortage:</b>														
Box.....number..	35,819	66,529	2,478				1919	3	13	7	87	189	350	+ 85.7
Coal.....number..	13,835	38,954	142				1919	2	3	75	158	329	92	+181.6
Total.....number..	58,670	130,325	3,621				1919	3	15	20	103	243	539	+122.1
Bad order cars, total (1st of following month).....number..	321,674	291,654	364,372				1913	248	241	215	229	213	193	- 9.3
<b>Car loadings (weekly average):</b>														
Total.....cars..	873,369	934,816	840,318				1919	101	105	106	103	109	117	+ 7.0
Grain and grain products.....cars..	56,177	51,308	55,272				1919	154	142	102	129	144	132	- 8.7
Live stock.....cars..	29,665	35,026	29,907				1919	84	91	89	81	90	106	+ 18.1
Coal.....cars..	98,499	170,512	162,882				1919	88	92	53	43	56	97	+ 73.1
Forest products.....cars..	57,838	56,871	46,443				1919	79	82	110	97	102	100	- 1.7
Ore.....cars..	66,264	52,448	28,554				1919	85	76	144	170	177	140	- 20.8
Merchandise and miscellaneous.....cars..	556,560	559,981	512,322				1919	103	108	119	116	118	119	+ 0.6
Freight carried.....mills. of ton-miles..	30,453		30,381	222,296	227,509	+ 2.3	1913	111	113	106	99	111		
<b>Railroad Operations.</b>														
<b>Revenue:</b>														
Freight.....thous. of dolls..	326,486		a 353,815	2,539,370	2,491,204	- 1.9	1913	200	200	188	169	185		
Passengers.....thous. of dolls..	101,502		a 109,192	793,090	705,066	- 11.1	1913	190	175	167	175	176		
Total, operating.....thous. of dolls..	473,877		a 505,732	3,645,238	3,528,502	- 3.2	1913	198	195	186	174	186		
Operating expense.....thous. of dolls..	387,100		a 382,106	3,107,246	2,806,452	- 9.7	1913	210	208	200	187	213		
Net operating income.....thous. of dolls..	52,580		a 90,160	306,064	471,184	+ 53.9	1913	151	146	128	116	88		
Receipts per ton-mile.....index number..							1913	179	179	174				
Pullman passengers carried.....thousands..	3,063	2,900	2,890	24,070	23,867	- 0.8	1913	143	139	144	140	148	144	- 3.4
<b>LABOR.</b>														
<b>Number employed:</b>														
New York State.....thousands..	501	511	461	4,156	4,378	+ 5.3	1914	93	96	103	103	105	107	+ 2.0
Wisconsin.....index number..							<sup>12</sup> 1915	92	94	110	107	109	110	+ 0.9
<b>Total pay roll:</b>														
New York State.....thous. of dolls..	12,580	13,145	11,550	108,537	108,257	- 0.3	1914	190	194	205	204	212	221	+ 4.5
Wisconsin.....index number..							<sup>12</sup> 1915	186	180	219	200	217	221	+ 1.8
<b>Av. weekly earnings,</b>														
Wisconsin.....index number..							<sup>12</sup> 1915	202	192	200	186	200	200	0.0
<b>Unemployment, Pennsylvania</b>														
(1st of following month).....number..	82,790	56,052	276,675				<sup>13</sup> 1921	107	105	47	38	31	21	- 32.3
<b>Employment agency operations:</b>														
Workers registered.....number..	233,140	225,896	204,940		2,043,089		<sup>14</sup> 1921	102	101	128	118	115	112	- 3.1
Jobs registered.....number..	224,335	239,751	131,359		1,655,740		<sup>14</sup> 1921	101	112	216	182	192	205	+ 6.9
Workers placed.....number..	169,711	179,644	107,354		1,285,724		<sup>14</sup> 1921	101	114	202	169	180	190	+ 5.9
Average applicants per job.....number..	1.04	1.06	1.56				<sup>14</sup> 1921	101	90	60	65	60	61	+ 1.7
Immigration.....number..	42,735	49,877	48,814	572,133	300,950	- 47.4	1913	41	41	30	35	36	42	+ 16.7
Emigration.....number..	10,448	7,525	45,752	310,819	153,468	- 50.6	1913	75	90	53	29	20	15	- 28.6
<b>PRICE INDEX NUMBERS.</b>														
<b>Farm prices:</b>														
Crops (1st of month).....index number..							1913	108	110	119	118	114	110	- 3.5
Live stock (1st of month).....index number..							1913	113	101	119	119	112	109	- 2.7
<b>Wholesale prices:</b>														
<b>Department of labor—</b>														
Farm products.....index number..							1913	123	124	131	135	131	133	+ 1.5
Food, etc.....index number..							1913	146	142	140	142	138	138	0.0
Cloths and clothing.....index number..							1913	171	178	179	180	181	183	+ 1.1
Fuel and lighting.....index number..							1913	184	181	225	254	271	244	- 10.0

a Revised.

<sup>8</sup> Index number less than 1.<sup>12</sup> First quarter of year.<sup>13</sup> Nine months' average, April to December, inclusive.<sup>14</sup> September, 1921.



## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage in-crease (+) or de-crease (-), Sept. from Aug.
	August, 1922	Septem-ber, 1922	Corre-spond-ing month, August or Septem-ber, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922				
				1921	1922			Aug.	Sept.	June.	July.	Aug.	Sept.	
<b>PRICE INDEX NUMBERS—Continued.</b>														
Wholesale prices—Continued.														
Department of labor—Continued.														
Metals and metal														
							1913	117	116	120	121	126	134	+ 6.3
							1913	156	156	167	170	172	180	+ 4.7
							1913	129	131	122	121	122	124	+ 1.6
House-furnishing														
							1913	179	179	176	173	173	173	0.0
							1913	119	118	114	114	115	116	+ 0.9
							1913	142	141	150	155	155	153	- 1.3
Fed. Reserve Board (Dept. Labor prices)—														
							1913	123	141	146	147	138	134	- 2.9
							1913	114	105	123	130	127	132	+ 3.9
							1913	152	154	186	188	191	199	+ 4.2
							1913	169	168	211	241	261	236	- 9.6
							1913	135	137	159	171	173	168	- 2.9
							1913	125	126	127	129	129	132	+ 2.3
							1913	157	155	151	154	149	150	+ 0.7
							1913	142	141	150	155	155	153	- 1.3
Federal Reserve Board Index—														
							1913	104	106	124	129	127	128	+ 0.8
							1913	127	149	163	165	162	157	- 3.1
							1913	146	146	161	165	165	164	- 0.6
Dun's (1st of following month).....index number.....														
							1913	134	134	144	143	142	145	+ 2.1
Bradstreet's (1st of following month).....index number.....														
							1913	120	121	131	131	131	136	+ 3.8
							1913	155	153	141	142	139	140	+ 0.7
Retail prices, food.....index number.....														
Cost of living:														
Bureau of Labor Statistics (quarterly)—														
							1913	144.7	153.1	141.0			139.8	- 0.9
							1913	222.6	192.1	172.3			171.3	- 0.6
							1913	159.0	160.0	160.9			161.1	+ 0.1
							1913	181.6	180.7	174.4			183.8	+ 5.4
							1913	247.7	224.7	202.9			202.9	0.0
							1913	208.8	207.8	201.5			201.1	- 0.2
							1913	180.4	177.3	166.6			166.3	- 0.2
Cost of living:														
National Industrial Conference Board—														
							Jy. 1914	148	155	141	142	139	140	+ 0.7
							Jy. 1914	169	169	165	165	165	165	0.0
							Jy. 1914	159	157	153	154	153	155	+ 1.3
							Jy. 1914	179	179	174	174	181	187	+ 3.3
							Jy. 1914	183	183	174	172	172	172	0.0
							Jy. 1914	162	165	155	156	155	156	+ 0.6
Foreign wholesale prices:														
United Kingdom—														
							1913	194	191	163	163	159		
							1913	179	183	163	163	158	156	- 1.3
							1913	195	194	169	171	168	165	- 1.8
France—														
							1913	331	344	325	325	331	329	- 0.6
							1913	302	301	303	306	297	292	- 1.7
Italy (Bachi).....index number.....														
							1913	542	580	531	558	571		
							1913	198	192	164	165	163	158	- 3.1
Sweden.....index number.....														
							Jy. 1914	177	181	160	161	163	163	0.0
Switzerland.....index number.....														
Canada:														
Canadian—														
							1913	174	172	165	166	164		
							1913	166	158	153	154	148	144	- 2.7

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>PRICE INDEX NUMBERS—Continued.</b>																		
Foreign wholesale prices—Continued.																		
Australia.....index number.....							Jy., 1914	160	160	156	157	155	158		+ 1.9			
India (Calcutta).....index number.....							Jy., 1914	184	187	183	181	178						
Japan:																		
Bank of Japan (Tokyo) index number.....							1913	199	207	197	201	195						
U. S. Fed. Res. Bd.....index number.....							1913	177	192	184	192	184	176		- 4.3			
<b>DISTRIBUTION MOVEMENT.</b>																		
Mail-order houses, total sales.....thous. of dolls..	17,709	21,464	21,163	181,214	181,831	+ 0.3	1913	159	188	174	154	157	190		+ 21.2			
Sears, Roebuck & Co.....thous. of dolls..	12,156	14,375	14,800	127,368	121,279	- 4.8	1913	157	186	137	154	153	180		+ 18.3			
Montgomery Ward & Co.....thous. of dolls..	5,553	7,089	6,363	53,345	59,552	+ 11.6	1913	166	192	261	154	168	214		+ 27.7			
Chain stores, total sales.....thous. of dolls..	21,676	22,621	18,842	161,269	182,517	+ 13.2	1913	242	239	265	263	272	284		+ 4.4			
F. W. Woolworth Co.....thous. of dolls..	12,960	13,507	11,325	95,922	109,241	+ 13.9	1913	211	205	225	228	235	245		+ 4.2			
S. S. Kresge Co.....thous. of dolls..	5,122	5,424	4,300	36,892	42,345	+ 14.8	1913	390	389	448	444	464	491		+ 3.9			
McCrary Stores Corp.....thous. of dolls..	1,369	1,386	1,069	9,375	11,136	+ 18.8	1913	249	238	271	287	304	308		+ 1.2			
S. H. Kress & Co.....thous. of dolls..	2,225	2,304	2,148	19,039	19,795	+ 4.0	1913	244	239	279	251	248	257		+ 3.6			
J. C. Penney Co.....thous. of dolls..	3,424	4,753	4,263	31,497	31,090	- 1.3	1913	1,526	1,940	1,813	1,455	1,556	2,160		+ 38.8			
United Cigar Stores Co.....thous. of dolls..	6,064	6,421	6,231	55,738	52,460	- 5.9	1913	250	253	241	247	246	260		+ 5.7			
Owl Drug Co.....thous. of dolls..	938	891	846	7,651	7,712	+ 0.8	1913	271	260	274	275	289	274		- 5.0			
Music (4 chains).....index number.....							1919	72	82	81	79	99	118		+ 19.2			
Grocery (16 chains).....index number.....							1919	121	118	133	129	137	138		+ 0.7			
Drug (7 chains).....index number.....							1919	119	119	124	126	127	128		+ 0.8			
Cigar (3 chains).....index number.....							1919	127	128	106	127	127	135		+ 6.3			
Shoe (5 chains).....index number.....							1919	86	103	123	101	87	118		+ 35.6			
Total department-store sales (176 stores).....index number.....							1919	83	93	106	78	85	103		+ 21.2			
American Wholesale Corporation, total sales.....thous. of dolls..	3,073	2,764	4,276	26,862	22,175	- 17.8	1913	286	313	135	254	225	202		- 10.1			
Magazine advertising (for following month).....thous. of lines..	1,485	1,907	1,467	<sup>15</sup> 14,818	<sup>15</sup> 15,187	+ 2.5	1913	108	120	110	102	121	156		+ 28.4			
Newspaper advertising.....thous. of lines..	77,393	87,904	84,153	753,569	782,654	+ 3.9	1919	85	100	108	93	92	105		+ 13.6			
Postal receipts.....thous. of dolls..	21,372	22,764	20,407	178,905	195,742	+ 9.4	1919	105	111	121	106	116	124		+ 6.5			
<b>PUBLIC FINANCE.</b>																		
U. S. interest-bearing debt.....mills. of dolls..	22,795	22,558	23,675				1919	94	94	90	90	90	89		- 1.0			
Liberty and Victory Loans and War Saving securities.....mills. of dolls..																		
	17,534	17,584	19,717				1919	95	95	88	86	85	85		+ 0.3			
Customs receipts.....thous. of dolls..	39,012	53,135	23,357	236,509	339,074	+ 43.4	1913	99	88	146	141	147	200		+ 36.2			
Ordinary receipts.....thous. of dolls..	216,778	454,809	689,328	3,798,253	2,671,206	- 29.7	1913	402	1,142	784	340	359	754		+109.8			
Ordinary disbursements.....thous. of dolls..	218,026	304,132	266,524	3,487,414	2,275,555	- 34.7	1913	512	468	553	384	383	535		+ 39.5			
Money held outside U. S. Treasury and Federal Reserve System:																		
Total.....mills. of dolls..	4,394	4,521	4,672				1919	96	95	89	88	89	92		+ 2.9			
Per capita.....dollars..	39.93	41.04	43.11				1919	95	94	87	86	87	89		+ 2.8			
<b>BANKING AND FINANCE.</b>																		
<b>Banking.</b>																		
Debits to individual accounts:																		
New York City.....mills. of dolls..	18,287	19,215	16,102	151,418	177,654	+ 17.3	1919	75	79	108	97	90	94		+ 5.1			
Outside New York City.....mills. of dolls..	15,817	16,522	15,517	141,835	148,190	+ 4.5	1919	85	88	98	93	90	94		+ 4.5			
Bank clearings:																		
New York City.....mills. of dolls..	16,938	17,285	15,079	143,006	162,001	+ 13.3	1913	185	199	255	233	215	219		+ 2.0			
Outside New York City.....mills. of dolls..	12,342	12,817	11,466	103,209	108,519	+ 5.1	1913	181	187	210	201	202	209		+ 3.8			
Federal Reserve Banks:																		
Bills discounted.....mills. of dolls..	404	420	1,403				1919	77	72	24	20	21	22		+ 4.0			
Total investments.....mills. of dolls..	691	690	263				1919	43	44	120	118	117	117		- 0.1			
Notes in circulation.....mills. of dolls..	2,153	2,243	2,457				1919	95	94	81	81	82	86		+ 4.2			
Total reserves.....mills. of dolls..	3,196	3,203	2,879				1919	127	131	144	145	146	146		+ 0.2			
Total deposits.....mills. of dolls..	1,882	1,840	1,717				1919	87	89	100	97	97	95		- 2.3			
Reserve ratio.....per cent..	79.2	78.4	69.0				1919	133	137	154	158	158	156		- 1.2			

c Includes Woolworth, Kresge, McCrary, and Kress only.

<sup>15</sup> Cumulative for period, January to October, inclusive.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage increase (+) or decrease (-), Sept. from Aug.
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		1922		
				1921	1922			Aug.	Sept.	June.	July.	Aug.	Sept.	
<b>BANKING AND FINANCE—Continued.</b>														
<b>Banking—Continued.</b>														
Federal Reserve member banks:														
Total loans and discounts...mills. of dolls..	10,761	10,988	11,573	.....	.....	.....	1921	96	97	90	90	90	92	+ 2.1
Total investments.....mills. of dolls..	4,532	4,468	3,384	.....	.....	.....	1921	97	101	131	132	135	133	- 1.4
Net demand deposits.....mills. of dolls..	10,942	11,085	9,866	.....	.....	.....	1919	94	93	105	104	103	105	+ 1.3
Interest rates:														
New York call loans.....per cent..	4.00	4.48	5.15	.....	.....	.....	1913	179	162	130	122	126	141	+ 12.0
Commercial paper, 60-90 days.....per cent..	3.93	4.18	5.90	.....	.....	.....	1913	103	102	70	65	68	72	+ 6.3
Saving deposits (balance to credit of depositors):														
Boston Federal Reserve														
district.....thous. of dolls..	1,104,435	1,108,924	1,061,285	.....	.....	.....	1920	102	102	106	106	107	107	+ 0.4
New York Federal Reserve														
district.....thous. of dolls..	1,728,310	1,744,493	1,657,028	.....	.....	.....	1920	108	108	113	113	113	114	+ 0.9
Philadelphia Federal Reserve														
district.....thous. of dolls..	422,128	420,090	409,904	.....	.....	.....	1920	106	105	109	109	108	108	- 0.5
Cleveland Federal Reserve														
district.....thous. of dolls..	380,941	383,995	379,358	.....	.....	.....	1920	110	110	111	109	110	111	+ 0.8
Richmond Federal Reserve														
district.....thous. of dolls..	269,220	274,199	245,192	.....	.....	.....	1920	109	109	123	119	119	122	+ 1.8
Chicago Federal Reserve														
district.....thous. of dolls..	778,906	785,767	765,278	.....	.....	.....	1920	100	100	103	102	102	103	+ 0.8
San Francisco Federal														
Reserve district.....thous. of dolls..	772,150	782,673	709,498	.....	.....	.....	1919	122	122	132	132	133	135	+ 1.3
U. S. Postal Savings.....thous. of dolls..	136,725	135,625	151,150	.....	.....	.....	1913	383	380	349	345	344	341	- 0.8
<b>Life Insurance.</b>														
Policies, new:														
Ordinary.....thous. of policies..	149	141	141	1,432	1,380	- 3.6	1913	191	191	222	215	201	191	- 5.3
Industrial.....thous. of policies..	512	480	507	4,685	5,100	+ 8.8	1913	117	133	152	143	135	126	- 6.2
Group.....number of policies..	44	49	22	350	437	+ 24.8	1913	.....	.....	.....	.....	.....	.....	+ 11.3
Total insurance.....thous. of policies..	661	621	649	6,117	6,479	+ 5.9	1913	129	143	164	154	146	137	- 6.0
Amount of new insurance:														
Ordinary.....thous. of dolls..	384,328	338,789	305,191	3,273,553	3,473,623	+ 6.1	1913	250	231	319	308	292	257	- 11.8
Industrial.....thous. of dolls..	102,901	97,257	96,805	892,861	1,022,344	+ 14.5	1913	163	186	223	213	198	187	- 5.4
Group.....thous. of dolls..	9,709	16,785	4,607	54,988	124,639	+126.6	1913	357	319	1,164	766	672	1,162	+ 72.8
Total insurance.....thous. of dolls..	496,938	452,831	406,603	4,221,398	4,620,606	+ 9.4	1913	226	220	299	285	268	245	- 8.8
<b>Business Finance.</b>														
Business failures:														
Firms.....number..	1,714	1,566	1,466	13,507	18,417	+ 36.3	1913	117	110	130	131	128	117	- 8.6
Liabilities.....thous. of dolls..	40,280	36,908	37,021	433,370	490,914	+ 13.2	1913	189	163	168	176	177	162	- 8.3
Dividend and interest payments														
(for following month).....thous. of dolls..	242,075	356,570	356,779	152,793,952	152,803,453	+ 0.3	1913	160	241	232	120	163	241	+ 47.2
U. S. Steel Corp.'s earnings.....thous. of dolls..	10,615	7,020	7,258	73,097	74,096	+ 1.4	1913	57	63	94	86	93	61	- 33.9
New capital issues:														
Corporations.....thous. of dolls..	222,612	276,320	205,792	1,957,447	2,598,243	+ 32.7	1913	101	150	240	166	162	201	+ 24.1
States and municipalities—														
Permanent loans.....thous. of dolls..	82,502	118,049	106,270	850,798	1,048,504	+ 23.2	1913	355	312	497	349	242	347	+ 43.1
Temporary loans.....thous. of dolls..	19,333	43,650	41,249	605,235	253,015	- 58.2	1913	102	183	48	61	48	108	+125.8
New incorporations.....thous. of dolls..	646,605	650,044	489,846	6,469,199	6,125,955	- 5.3	1913	337	284	173	368	375	377	+ 0.5
Telephone earnings:														
Total operating revenue.....thous. of dolls..	40,572	.....	36,566	285,877	315,404	+ 10.4	1913	278	275	307	304	309	.....	.....
Total operating income.....thous. of dolls..	8,585	.....	7,178	60,001	69,354	+ 15.5	1913	193	219	246	217	231	.....	.....
Telegraph earnings:														
Commercial telegraph tolls.....thous. of dolls..	9,079	.....	8,239	64,403	64,925	+ 0.8	1919	108	110	115	108	120	.....	.....
Telegraph and cable operating revenue.....thous. of dolls..	11,381	.....	10,615	82,392	82,221	- 0.2	1919	105	107	109	103	113	.....	.....
Operating income.....thous. of dolls..	1,944	.....	1,270	8,811	12,260	+ 39.1	1919	78	112	128	83	119	.....	.....
Credit conditions:														
Orders.....per ct. of total transactions..	30.0	29.5	27.0	.....	.....	.....	1916	99	98	96	101	109	107	- 1.8
Indebtedness.....per ct. of total transactions..	42.8	43.6	36.3	.....	.....	.....	1916	89	94	111	110	110	112	+ 1.8
Payments.....per ct. of total transactions..	45.2	45.8	51.8	.....	.....	.....	1916	99	94	88	84	82	83	+ 1.2

<sup>15</sup> Cumulative for period January to October, inclusive.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>BANKING AND FINANCE—Continued.</b>																		
<b>Stocks and Bonds.</b>																		
Stock prices, closing:																		
25 industrials, average....dolls. per share..	103.68	107.02	74.10				1913	121	127	166	170	178	184	+ 3.2				
25 railroads, average....dolls. per share..	67.64	68.70	54.10				1913	64	65	74	77	82	83	+ 1.5				
Stock sales (N. Y. Stock Exchange).....thous. of shares..																		
	17,850	21,775	12,807	126,172	192,502	+ 52.5	1913	159	185	347	219	258	314	+ 22.0				
Bond sales:																		
Miscellaneous.....thous. of dolls..	222,863	203,184	119,819	897,629	1,922,747	+114.2	1919	141	168	277	265	312	285	- 8.8				
Liberty-Victory.....thous. of dolls..	89,855	88,909	207,123	1,425,569	1,277,951	- 10.3	1919	54	87	53	48	38	38	- 1.1				
Total.....thous. of dolls..	312,718	292,093	326,942	2,323,198	3,200,698	+ 37.7	1919	74	106	105	98	101	95	- 6.6				
Bond prices:																		
Highest-grade rails.....per ct. of par..	89.01	89.29	74.72				1915	82	83	95	98	99	99	0.0				
Second-grade rails.....per ct. of par..	75.05	74.89	62.75				1915	81	83	95	97	99	99	0.0				
Public utility.....per ct. of par..	69.83	71.59	55.10				1915	73	75	92	93	95	97	+ 2.1				
Industrial.....per ct. of par..	75.73	76.28	54.41				1915	76	77	105	106	107	108	+ 0.9				
Combined price index.....per ct. of par..	76.80	77.47	60.74				1915	78	79	97	98	100	101	+ 1.0				
Municipal bond yield.....per cent..	4.15	4.09	5.13				1913	117	115	94	94	93	92	- 1.1				
<b>Corporation Stockholders.</b>																		
<i>(The following figures are quarterly.)</i>																		
Pennsylvania Railroad Co.:																		
Domestic.....number..	136,940	134,279	138,243				1913	192	190	188			185	- 1.9				
Foreign.....number..	2,888	2,851	1,362				1913	12	12	26			25	- 1.3				
U. S. Steel Corp., common stock:																		
Domestic.....number..	97,989	94,789	105,355				1913	251	254	236			229	- 3.3				
Foreign.....number..	1,370	1,384	1,368				1913	87	89	90			91	+ 1.0				
Shares held by brokers...per cent. of total..	24.09	25.05	21.44				1913	44	42	47			49	+ 4.3				
American Telephone and Telegraph Co.:																		
Domestic.....number..	201,303	228,592	172,770				1913	289	325	378			430	+ 13.6				
Foreign.....number..	2,233	2,309	2,146				1913	188	206	215			222	+ 3.4				
<b>Gold and Silver.</b>																		
Gold:																		
Domestic receipts at mint...fine ounces..	103,262	89,561	56,251	643,790	728,865	+ 13.2	1913	63	38	52	62	70	60	- 13.3				
Rand output.....thous. of ounces..	752	747	691	6,021	4,693	- 22.1	1913	97	94	92	101	103	102	- 0.7				
Imports.....thous. of dolls..	19,092	29,316	66,085	561,176	214,408	- 61.8	1913	1,599	1,245	244	810	360	552	+ 53.6				
Exports.....thous. of dolls..	956	1,399	2,449	13,548	13,168	- 2.8	1913	9	31	21	8	12	18	+ 46.3				
Silver:																		
Production.....thous. of fine oz..	5,562	5,325	4,212	41,316	40,387	- 2.2	1913	72	76	86	78	100	96	- 4.3				
Imports.....thous. of dolls..	4,944	6,370	4,488	44,304	53,164	+ 20.0	1913	263	150	212	233	165	213	+ 28.8				
Exports.....thous. of dolls..	3,861	3,735	4,947	34,846	47,031	+ 35.0	1913	72	95	115	120	74	71	- 3.3				
Price at New York.....dolls. per fine oz..	.694	.695	.662				1913	103	111	119	117	116	116	+ 0.1				
Price at London...pence per standard oz..	34.957	35.305	40.082				1913	138	145	130	129	127	128	+ 1.0				
<b>FOREIGN EXCHANGE RATES.</b>																		
Europe:																		
England.....dolls. per £ sterling..	4.46	4.43	3.72				Par val.	75	77	91	91	92	91	- 1.1				
France.....dolls. per franc..	.080	.080	.073				Par val.	40	38	46	43	41	40	- 2.4				
Italy.....dolls. per lire..	.045	.043	.042				Par val.	22	22	26	24	23	22	- 4.3				
Belgium.....dolls. per franc..	.075	.072	.072				Par val.	39	37	42	40	39	37	- 5.1				
Germany.....dolls. per mark..	.001	.001	.010				Par val.	5	4	1	1	(*)	(*)	0.0				
Netherlands.....dolls. per guilder..	.388	.388	.317				Par val.	77	79	96	96	97	97	0.0				
Sweden.....dolls. per krone..	.263	.265	.218				Par val.	79	81	96	97	98	99	+ 1.0				
Switzerland.....dolls. per franc..	.190	.188	.172				Par val.	87	89	98	99	99	97	- 2.0				
Asia:																		
Japan.....dolls. per yen..	.477	.481	.482				Par val.	97	97	96	96	96	96	0.0				
India.....dolls. per rupee..	.290	.287	.264				Par val.	50	54	59	59	60	59	- 1.7				
Americas:																		
Canada.....dolls. per Can. doll..	.997	1.000	.899				Par val.	90	90	99	99	100	100	0.0				
Argentina.....dolls. per gold peso..	.821	.811	.696				Par val.	69	72	85	85	85	84	- 1.2				
Brazil.....dolls. per milreis..	.134	.125	.124				Par val.	36	38	42	42	41	39	- 4.9				
Chile.....dolls. per paper peso..	.137	.137	.107				Par val.	52	55	65	66	70	70	0.0				
General index of foreign exchange.....index number..																		
							Par val.	60	60	71	70	69	68	- 1.4				

\* Index number less than 1.

\* Previous quarter, ending June 30.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>U. S. FOREIGN TRADE.</b>																		
<b>Imports by Grand Divisions.</b>																		
<b>Europe:</b>																		
Total.....	thous. of dolls..	84,627	81,682	63,408	555,186	683,066	+ 23.0	1913	82	88	106	104	117	113	- 3.4			
France.....	thous. of dolls..	13,390	11,146	13,565	105,794	101,288	- 4.2	1913	94	117	87	78	116	96	- 16.7			
Germany.....	thous. of dolls..	10,737	10,683	6,785	59,369	83,395	+ 40.4	1913	48	44	63	63	70	70	- 0.5			
Italy.....	thous. of dolls..	4,017	4,395	5,438	44,372	40,812	- 8.0	1913	134	118	104	112	87	95	+ 9.4			
United Kingdom.....	thous. of dolls..	31,486	31,851	18,299	173,067	246,133	+ 42.5	1913	71	81	120	123	139	141	+ 1.1			
<b>North America:</b>																		
Total.....	thous. of dolls..	78,849	53,191	46,349	593,220	606,633	+ 32.5	1913	156	143	223	237	243	164	- 32.5			
Canada.....	thous. of dolls..	32,185	28,081	24,189	250,548	245,526	- 2.0	1913	200	204	259	284	272	237	- 12.7			
<b>South America:</b>																		
Total.....	thous. of dolls..	27,389	27,646	17,133	224,088	241,366	+ 7.7	1913	144	103	170	181	166	167	+ 0.9			
Argentina.....	thous. of dolls..	7,920	8,405	2,818	477,821	59,121	+ 23.6	1913	312	132	370	386	372	394	+ 6.1			
<b>Asia and Oceania:</b>																		
Total.....	thous. of dolls..	86,713	64,402	51,170	473,806	610,080	+ 28.7	1913	227	194	306	252	329	244	- 25.7			
Japan.....	thous. of dolls..	38,362	26,870	22,700	171,429	239,718	+ 39.8	1913	311	275	435	246	465	326	- 29.9			
Africa, total.....	thous. of dolls..	3,835	1,875	1,233	26,396	43,241	+ 63.8	1913	71	62	100	185	194	95	- 51.1			
Grand total.....	thous. of dolls..	281,413	228,795	179,292	1,872,696	2,181,386	+ 16.4	1913	130	120	174	169	188	153	- 18.7			
<b>Exports by Grand Divisions.</b>																		
<b>Europe:</b>																		
Total.....	thous. of dolls..	154,886	164,595	177,246	1,859,912	1,474,812	- 20.7	1913	165	142	149	127	124	132	+ 6.2			
France.....	thous. of dolls..	18,466	22,025	21,579	162,582	179,760	+ 10.5	1913	117	168	179	166	144	172	+ 19.2			
Germany.....	thous. of dolls..	26,317	21,716	36,774	300,047	235,129	- 21.6	1913	130	125	96	69	90	74	- 17.4			
Italy.....	thous. of dolls..	13,042	12,674	9,857	168,658	97,722	- 42.0	1913	213	150	182	276	199	193	- 2.8			
United Kingdom.....	thous. of dolls..	55,264	70,853	59,475	727,418	601,597	- 17.3	1913	173	121	153	127	112	144	+ 28.2			
<b>North America:</b>																		
Total.....	thous. of dolls..	85,573	83,985	87,138	918,655	654,502	- 28.7	1913	204	174	151	151	171	168	- 1.8			
Canada.....	thous. of dolls..	56,492	55,363	55,972	472,621	409,402	- 13.3	1913	203	167	143	147	168	165	- 2.0			
<b>South America:</b>																		
Total.....	thous. of dolls..	18,800	20,621	13,920	228,492	161,543	- 29.3	1913	114	114	171	160	154	169	+ 9.6			
Argentina.....	thous. of dolls..	7,053	8,991	5,179	93,180	68,341	- 26.6	1913	120	113	197	161	154	196	+ 27.4			
<b>Asia and Oceania:</b>																		
Total.....	thous. of dolls..	37,795	38,841	43,897	484,642	403,706	- 16.7	1913	233	253	270	250	218	224	+ 2.7			
Japan.....	thous. of dolls..	10,646	12,556	19,499	153,421	155,124	+ 1.1	1913	218	374	314	308	204	241	+ 17.9			
Africa, total.....	thous. of dolls..	4,751	5,049	2,662	59,809	42,191	- 29.4	1913	174	110	198	178	197	209	+ 6.2			
Grand total.....	thous. of dolls..	301,805	313,092	324,963	3,551,410	2,736,755	- 22.9	1913	177	157	162	146	146	151	+ 3.7			
<b>TRADE AND INDUSTRY OF FOREIGN COUNTRIES.</b>																		
<b>United Kingdom.</b>																		
<b>Imports (values):</b>																		
Total.....	thous. of £ sterling..	82,661	76,944	87,118	828,709	728,804	- 12.0	1913	138	136	132	128	129	120	- 6.9			
Food, drink, and tobacco.....	thous. of £ sterling..	37,762	35,555	48,410	443,797	346,732	- 21.8	1913	209	200	165	161	156	147	- 5.8			
Raw material.....	thous. of £ sterling..	24,141	21,848	20,465	192,181	209,110	+ 8.8	1913	83	87	107	103	103	93	- 9.5			
Manufactured articles.....	thous. of £ sterling..	20,326	19,244	17,905	190,201	170,770	- 10.2	1913	113	111	117	115	126	119	- 5.3			
<b>Exports (values):</b>																		
Total.....	thous. of £ sterling..	60,032	62,511	63,842	527,255	534,724	+ 1.4	1913	117	146	119	138	137	143	+ 4.1			
Food, drink, and tobacco.....	thous. of £ sterling..	3,105	3,154	3,300	27,219	27,050	- 1.0	1913	115	122	112	103	114	116	+ 1.5			
Raw material.....	thous. of £ sterling..	8,900	10,099	6,997	41,709	73,210	+ 75.5	1913	121	120	132	138	153	173	+ 13.4			
Manufactured articles.....	thous. of £ sterling..	47,149	48,361	44,009	439,881	425,523	- 3.2	1913	116	128	118	141	138	141	+ 2.5			
<b>Reexports (values):</b>																		
Total.....	thous. of £ sterling..	7,504	6,381	8,595	77,641	77,874	+ 3.0	1913	109	94	95	91	82	70	- 14.9			
Food, drink, and tobacco.....	thous. of £ sterling..	1,288	1,399	2,710	21,809	17,349	- 20.4	1913	206	204	121	108	97	105	+ 8.6			
Raw material.....	thous. of £ sterling..	4,110	3,103	3,822	35,829	40,400	+ 12.7	1913	88	72	90	90	77	58	- 24.5			
Manufactured articles.....	thous. of £ sterling..	2,105	1,869	2,057	19,911	20,008	+ 0.4	1913	105	84	91	85	86	76	- 11.2			

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Per-centage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Per-centage increase (+) or decrease (-), Sept. from Aug.				
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		Aug.	Sept.		June.	July.	Aug.	Sept.
				1921	1922			Aug.	Sept.									
<b>TRADE AND INDUSTRY OF FOREIGN COUNTRIES—Continued.</b>																		
<b>United Kingdom—Continued.</b>																		
Exports of key commodities (quantities):																		
Cotton piece goods.....thous. of sq. yds..	378,353	396,368	265,386	1,867,324	3,071,569	+ 64.4	1920	57	72	84	120	102	107	+ 4.7				
Woolen and worsted tissues.....thous. of sq. yds..	17,632	13,834	6,104	81,082	138,368	+ 70.6	1920	37	28	73	78	80	62	- 21.5				
Iron and steel.....thous. of long tons..	270	279	133	1,161	2,343	+101.8	1913	18	32	57	61	65	67	+ 3.3				
Coal.....thous. of long tons..	6,146	7,083	3,407	13,352	45,477	+240.6	1913	51	56	78	83	100	116	+ 15.2				
Production:																		
Pig iron.....thous. of long tons..	412	430	158	1,829	3,391	+ 85.4	1913	11	18	43	47	48	50	+ 4.4				
Steel ingots.....thous. of long tons..	521	556	429	2,396	4,106	+ 71.4	1913	68	67	63	74	82	87	+ 6.7				
Coal.....thous. of metric tons..	24,483	20,754	20,980	106,719	185,905	+ 74.2	1913	69	86	85	78	101	85	- 15.2				
Stocks, zinc.....short tons..	4,342	4,108	18,374				1920	76	72	20	19	17						
Employment:																		
Trade-unions.....per cent employed..	85.6		83.7				1913	85	87	86	87	87						
<b>Belgium.</b>																		
Production:																		
Zinc.....short tons..	10,626	8,970	5,500	52,329	85,226	+ 62.9	1920	71	71	118	128	137	116	- 15.6				
Coal.....thous. of metric tons..							1913	97	99	88	88							
Pig iron.....thous. of metric tons..	154		45	654	933	+ 42.7	1913	22	19	56	61	74						
Steel ingots.....thous. of metric tons..	153		28	603	846	+ 40.3	1913	14	17	55	56	65						
<b>Canada.</b>																		
Total trade:																		
Imports.....thous. of dolls..	67,355	60,318	59,805	615,639	549,188	- 10.7	1913	116	107	110	109	120	108	- 10.4				
Exports.....thous. of dolls..	74,486	72,934	59,591	560,612	550,408	- 1.8	1913	198	190	233	229	237	232	- 2.0				
Exports of key commodities (quantities):																		
Canned salmon.....thous. of pounds..	1,325	7,825	5,571	26,391	19,243	- 27.0	1913	472	317	68	101	75	445	+491.0				
Paper, printing.....thous. of pounds..	168,047	159,115	122,414	1,007,637	1,395,851	+ 38.5	1913	534	500	707	630	687	650	- 5.3				
Cheese.....thous. of pounds..	17,179	19,230	21,182	94,856	74,969	- 21.0	1913	118	164	55	135	133	149	+ 11.9				
Wheat.....thous. of bushels..	11,587	9,233	7,145	61,977	75,761	+ 22.2	1913	47	85	140	113	138	110	- 20.3				
Production:																		
Pig iron.....thous. of long tons..							1913	60	52	35	38							
Steel ingots.....thous. of long tons..							1913	83	64	38	72							
Bank clearings.....mills. of dolls..	1,127	1,206	1,291	12,148	11,142	- 8.3	1913	161	167	163	158	145	156	+ 7.0				
Bond issues:																		
Government and provincial.....thous. of dolls..							1913	90	777	10	170							
Municipal.....thous. of dolls..							1913	68	246	45	41							
Total.....thous. of dolls..							1913	75	413	34	82							
Corporation.....thous. of dolls..							1913	(9)	122	88	102							
Employment:																		
Trade-union employment.....per cent employed..																		
Applications.....number..	65,857		76,427	359,689	354,205	- 1.5	1920	184	126	98	97	159						
Vacancies.....number..	73,179		80,762	288,866	299,535	+ 3.7	1920	211	132	88	91	182						
Placements—																		
Regular.....number..	49,271		57,249	198,633	183,012	- 7.9	1920	188	114	77	79	162						
Casual.....number..	7,275		11,007	63,851	64,198	+ 0.5	1920	167	221	103	94	110						
Newsprint paper:																		
Production.....short tons..	98,141	94,444	68,983	584,243	799,373	+ 36.8	1919	107	103	138	134	146	140	- 3.8				
Shipments.....short tons..	97,764	92,210	68,164	576,240	798,661	+ 38.6	1919	111	100	138	126	144	136	- 5.7				
Stocks.....short tons..	11,813	14,083	17,030				1919	126	135	55	91	94	112	+ 19.3				
Exports (total printing).....short tons..	84,024	79,558	61,207	503,821	697,928	+ 38.5	1919	118	111	157	139	152	144	- 5.3				
Business failures:																		
Firms.....number..	248	237	229	1,604	2,371	+ 47.8	1913	131	151	238	138	163	156	- 4.4				
Liabilities.....thous. of dolls..	3,849	3,590	4,492	35,988	42,134	+ 17.1	1913	297	324	110	204	277	259	- 6.7				
Building contracts awarded.....thous. of dolls..	25,188	29,314	19,566	185,379	213,647	+ 15.2	1913	113	61	111	83	79	92	+ 16.4				

<sup>s</sup> Index number less than 1.

## TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Detailed tables covering all items are given in this number. Consult index at end of bulletin.	NUMERICAL DATA.					Percentage increase (+) or decrease (-) cumulative 1922 from 1921.	BASE YEAR OR PERIOD.	INDEX NUMBERS.						Percentage increase (+) or decrease (-), Sept. from Aug.
	August, 1922	September, 1922	Corresponding month, August or September, 1921.	CUMULATIVE TOTAL THROUGH LATEST MONTH.				1921		1922		1922		
				1921	1922			Aug.	Sept.	June.	July	Aug.	Sept.	
<b>TRADE AND INDUSTRY OF FOREIGN COUNTRIES—Continued.</b>														
<b>Argentina.</b>														
<b>Grain shipments:</b>														
Wheat.....thous. of bush.	8,482	5,234	1,726	57,523	125,580	+118.3	1913	36	20	158	154	99	61	- 58.3
Corn.....thous. of bush.	7,168	9,790	12,487	86,359	61,566	- 28.7	1913	113	79	43	51	45	62	+ 36.6
Oats.....thous. of bush.	1,258	501	2,632	24,920	18,274	- 26.7	1913	88	51	55	25	25	10	-151.1
Flaxseed.....thous. of bush.	5,129	1,861	4,163	39,692	29,878	- 24.7	1913	97	125	112	161	154	56	- 63.7
<b>Visible supply:</b>														
Wheat.....thous. of bush.	1,850	1,850	1,859				1913	71	72	143	129	71	71	0.0
Corn.....thous. of bush.	1,200	4,000	5,200				1913	149	149	92	69	34	114	+233.3
Flaxseed.....thous. of bush.	1,000	1,000	2,600				1914	275	357	220	220	137	137	0.0

## WOOL.

Table 1.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	RECEIPTS AT BOSTON.				IM-PORTS (un-manu-fac-tured).	CON-SUMP-TION. <sup>2</sup>	STOCKS <sup>2</sup> (in grease equivalent).			RECEIPTS AT BOSTON.			IM-PORTS (un-manu-fac-tured).	CON-SUMP-TION (in grease equivalent). <sup>2</sup>	STOCKS <sup>2</sup> (in grease equivalent).		
	Total.	Domes-tic.	For-eign.				Total.	Held by manu-fac-turers.	Held by dealers. <sup>6</sup>	Total.	Domes-tic.	For-eign.			Total.	Held by manu-fac-turers.	Held by dealers. <sup>6</sup>
	Relative to 1913.				Relative to 1921.	Relative to last two quar-ters of 1920.			Thousands of pounds.								
	A.—INDEX NUMBERS.									B.—NUMERICAL DATA.							
1913 mo. av.	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>					<b>18,761</b>	<b>13,483</b>	<b>5,278</b>	<b>12,651</b>					
1914 mo. av.	149	118	228	171					27,906	15,894	12,012	21,680					
1915 mo. av.	191	112	391	272					35,801	15,142	20,660	34,393					
1916 mo. av.	196	127	371	296					36,683	17,100	19,583	37,432					
1917 mo. av.	225	130	468	277					42,215	17,510	24,705	35,083					
1918 mo. av.	224	113	506	299					41,956	15,275	26,682	37,811					
1919 mo. av.	213	132	419	294					39,918	17,825	22,093	37,158					
1920 mo. av.	122	65	266	171		<b>100</b>	<b>100</b>	<b>100</b>	22,839	8,809	14,030	21,635			<b>529,174</b>	<b>183,917</b>	<b>345,258</b>
1921 mo. av.	152	89	315	211		<b>101</b>	<b>135</b>	<b>83</b>	28,589	11,977	16,613	26,717		<b>44,125</b>	<b>533,473</b>	<b>247,412</b>	<b>286,061</b>
<b>1920.</b>																	
September..	108	89	155	93			98	94	100	20,211	12,008	8,203	11,737		518,450	172,527	345,923
October....	43	50	26	69						8,068	6,699	1,369	8,706				
November...	72	34	167	97						13,418	4,580	8,839	12,251				
December...	70	39	150	106			102	106	100	13,143	5,242	7,901	13,392		539,898	195,306	344,592
<b>1921.</b>																	
January....	107	26	315	167	55					20,073	3,465	16,608	21,169	24,049			
February...	228	30	733	339	69					42,753	4,035	38,718	42,886	30,600			
March.....	378	46	1,229	775	90	107	134	92		71,009	6,143	64,866	98,103	39,510	564,977	247,287	317,690
April.....	272	42	860	516	99					51,075	5,695	45,380	65,336	43,466			
May.....	107	58	231	117	109					20,044	7,851	12,193	14,745	48,183			
June.....	76	95	26	47	107	100	132	83		14,226	12,830	1,395	5,952	47,103	531,070	242,845	288,225
July.....	145	183	47	74	95					27,157	24,693	2,464	9,967	42,126			
August.....	167	203	75	125	109					31,294	27,327	3,967	15,867	48,141			
September..	91	109	43	115	113	95	137	73		17,023	14,740	2,288	14,592	49,824	504,372	252,103	252,269
October....	72	81	50	72	121					13,536	10,885	2,651	9,086	53,589			
November...	84	81	90	87	121					15,696	10,965	4,731	10,946	53,463			
December...	102	112	78	99	112					19,183	15,091	4,092	12,520	49,441			
<b>1922.</b>																	
January....	143	103	247	175	118					26,886	13,825	13,061	22,152	52,280			
February...	135	99	224	220	122					25,246	13,407	11,839	27,834	53,774			
March.....	213	81	550	340	137					39,946	10,899	29,047	43,071	60,368			
April.....	182	72	465	308	96					34,194	9,655	24,539	38,988	42,574			
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	16,940	52,621	479,151	277,926	201,225
July.....	380	300	583	265	106					71,307	40,516	30,791	33,484	46,902			
August.....	227	162	395	272	130					42,635	21,809	20,825	34,472	57,340			
September..	114	64	241	220	124					21,304	8,594	12,710	27,892	54,771			
October....																	
November...																	
December...																	

<sup>1</sup> Receipts of wool at Boston compiled by Boston Chamber of Commerce; Imports from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; consumption and quarterly stocks from U. S. Department of Agriculture, Bureau of Agricultural Economics, until April, 1922, beginning with April, 1922, compiled by U. S. Department of Commerce, Bureau of the Census.

<sup>2</sup> These figures have been revised to include only comparable reports each month and thus do not contain the figures for the American Woolen Company and a few small firms, for which estimates had been made in previous compilations. Stocks include wool, tops and noils.

<sup>3</sup> Average of the last two quarters of 1920.

<sup>4</sup> Average of the first three quarters of 1921.

<sup>5</sup> Includes U. S. Government stocks.

<sup>6</sup> Covers first 21 days only, during which period the old tariff law was in effect.



COTTON.

Table 2.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	Pro-duction (crop esti-mate.) <sup>7</sup>	Re-celpts into sight.	Im-ports. <sup>4</sup>	Ex-ports. <sup>3</sup>	Con-sump-tion. <sup>5</sup>	STOCKS, END OF MONTH.			Pro-duction (crop esti-mate.) <sup>7</sup>	Re-celpts into sight.	Im-ports. <sup>4</sup>	Ex-ports. <sup>3</sup>	Con-sump-tion. <sup>5</sup>	STOCKS, END OF MONTH.		
						Mills. <sup>5</sup>	Ware-houses <sup>5</sup>	World visible. <sup>5</sup>						Mills. <sup>5</sup>	Ware-houses <sup>5</sup>	World visible. <sup>5</sup>
	Rel. to 1909-13 average.	Relative to 1913.						Thousands of bales.	Bales.			Thousands of bales.				
A.—INDEX NUMBERS.									B.—NUMERICAL DATA.							
1909-13 mo. av.	<b>100</b>								<b>13,033</b>							
1913 mo. av.	109	<b>100</b>	<sup>2</sup> 100	<sup>2</sup> 100	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	14,156	<b>1,203</b>	<sup>2</sup> 20,309	<sup>2</sup> 727,048	<sup>2</sup> 482,194	<b>1,342</b>	<b>1,760</b>	<b>3,068</b>
1914 mo. av.	124	86	<sup>2</sup> 101	<sup>2</sup> 105	102	97	100	100	16,135	1,036	<sup>2</sup> 20,558	<sup>2</sup> 763,775	490,394	1,306	1,766	3,070
1915 mo. av.	86	104	166	96	104	99	177	146	11,192	1,257	33,798	696,583	500,767	1,327	3,117	4,479
1916 mo. av.	88	99	158	81	126	127	182	114	11,450	1,186	32,064	585,810	606,544	1,705	3,197	3,490
1917 mo. av.	87	80	114	55	132	141	153	91	11,302	960	23,103	401,570	638,184	1,890	2,691	2,798
1918 mo. av.	92	77	92	47	133	112	153	92	12,041	931	18,781	342,696	640,444	1,501	2,689	2,816
1919 mo. av.	88	87	144	75	108	108	206	114	11,421	1,051	29,226	546,432	518,653	1,454	3,633	3,492
1920 mo. av.	103	78	246	71	111	119	174	128	13,440	941	49,999	513,261	534,978	1,595	3,057	3,915
1921 mo. av.	64	85	114	74	85	88	255	144	8,340	1,019	23,137	539,602	407,723	1,181	4,484	4,414
1922 mo. av.					102	107	202						492,485	1,431	3,555	
<b>1920.</b>																
September...	98	68	98	31	95	67	159	84	12,783	822	20,004	228,068	457,967	901	2,797	2,579
October.....	93	130	68	80	83	70	235	115	12,123	1,566	13,825	583,725	401,325	940	4,133	3,519
November....	93	161	111	94	69	83	290	139	12,123	1,935	22,513	683,323	332,712	1,118	5,101	4,273
December....	100	140	127	108	61	93	320	158	12,987	1,685	25,890	788,578	295,292	1,251	5,624	4,846
<b>1921.</b>																
January.....		102	118	83	76	94	321	157		1,228	24,024	605,381	366,463	1,264	5,645	4,822
February....		66	138	68	82	99	313	153		794	28,055	493,426	395,115	1,327	5,503	4,707
March.....		49	134	52	91	100	298	146		590	27,282	375,180	438,218	1,337	5,253	4,476
April.....		50	92	44	85	98	286	145		607	18,731	319,933	409,247	1,316	5,027	4,434
May.....		70	52	66	91	95	269	147		846	10,542	477,389	440,714	1,281	4,738	4,512
June.....		55	48	68	96	90	244	145		660	9,849	495,590	461,917	1,203	4,300	4,454
July.....	65	51	17	82	85	83	212	134	8,433	608	3,452	598,962	410,142	1,111	3,723	4,108
August.....	63	52	28	58	97	75	197	121	8,203	620	5,631	423,491	467,059	1,006	3,464	3,724
September...	54	98	31	73	101	83	245	129	7,037	1,180	6,362	532,839	484,718	1,118	4,312	3,944
October.....	50	163	154	120	103	104	283	151	6,537	1,966	31,269	874,510	494,317	1,398	4,985	4,624
November....	50	143	253	93	109	123	301	151	6,537	1,718	51,440	648,695	527,940	1,655	5,293	4,623
December....	64	124	300	88	106	130	296	148	8,340	1,489	61,006	639,825	510,925	1,738	5,207	4,544
<b>1922.</b>																
January.....		74	207	65	109	124	263	137		892	42,093	475,910	526,698	1,669	4,622	4,202
February....		39	270	47	98	119	239	127		466	54,761	338,440	472,336	1,595	4,215	3,891
March.....		44	295	63	108	116	213	117		524	59,957	461,484	519,761	1,557	3,752	3,593
April.....		36	74	84	92	109	183	111		434	15,115	612,659	443,509	1,461	3,213	3,399
May.....		49	71	65	103	106	145	98		594	14,320	469,397	495,337	1,420	2,559	3,001
June.....		42	62	68	106	99	111	84		507	12,607	491,079	509,218	1,331	1,953	2,568
July.....	85	33	42	51	95	91	85	93	11,065	393	8,587	373,742	458,002	1,218	1,488	2,840
August.....	87	45	71	38	109	76	88	52	11,400	547	14,481	273,308	527,404	1,025	1,550	1,597
September...	81	115	<sup>8</sup> 23	51	103	79	183	73	10,575	1,389	<sup>8</sup> 4,628	368,890	495,344	1,065	3,218	2,228
October.....	78								10,135							
November....																
December....																

<sup>1</sup> Except receipts into sight, compiled by *New Orleans Cotton Exchange*, and world visible supply of American cotton, compiled by *Commercial and Finance 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 stocks at mills and warehouses from *U. S. Department of Commerce, Bureau of the Census*.

<sup>2</sup> These figures are for fiscal years; those following are for calendar years.

<sup>3</sup> Running bales counting round as half bales; linters are included.

<sup>4</sup> 500-pound bales.

<sup>5</sup> Figures listed for years 1913 through 1922 represent monthly averages of cotton consumed and on hand at end of month during crop years (beginning Aug. 1 of the preceding year and ending July 31 of the year to which the figure is credited). Figures are in running bales, counting round as half bales, and do not include linters.

<sup>6</sup> These figures represent world visible supply of American cotton.

<sup>7</sup> The yearly figures represent the latest revised estimates of total production for the year. The monthly figures show the current estimates of total production as reported each month.

<sup>8</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## COTTON MANUFACTURES.

Table 3.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	COTTON CLOTH		FINE COTTON GOODS. <sup>4</sup>		KNIT UNDERWEAR. <sup>5</sup>				COTTON CLOTH		FINE COTTON GOODS. <sup>4</sup>		KNIT UNDERWEAR. <sup>5</sup>				
	Ex-ports. <sup>3</sup>	Pro-duction.	Sales.	Pro-duction.	New orders re-ceived.	Ship-ments.	Can-cella-tions.	Un-filled orders end of mo.	Ex-ports. <sup>3</sup>	Pro-duction.	Sales.	Pro-duction.	Orders re-ceived.	Ship-ments.	Can-cella-tions.	Un-filled orders end of mo.	
	Relative to 1913.	Relative to 1919.	Relative to 1920.	Relative to 6 months' average, July-Dec., 1920.				Thous. of yards.	Number of pieces.		Dozens.						
	A.—INDEX NUMBERS.								B.—NUMERICAL DATA.								
1913 mo. av....	<b>100</b>								<b>37,062</b>								
1914 mo. av....	<b>93</b>								34,572								
1915 mo. av....	117								43,195								
1916 mo. av....	139								51,687								
1917 mo. av....	172								63,719								
1918 mo. av....	122	<b>113</b>	<b>59</b>						45,348	<b>434,188</b>	<b>264,810</b>						
1919 mo. av....	154	<b>100</b>	<b>100</b>						56,920	<b>383,523</b>	<b>446,677</b>						
1920 mo. av....	184	90	26	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		68,311	346,238	116,693	<b>591,450</b>	<b>100,950</b>	<b>459,000</b>	<b>48,900</b>	<b>502,350</b>	
1921 mo. av....	124	92	81	92	591	101	20	219	45,969	354,193	360,965	542,700	596,175	461,775	9,900	1,102,350	
<b>1920.</b>																	
September....	147	81	14	113	40	134	164	52	54,465	310,531	61,410	668,700	40,500	615,600	80,100	261,000	
October.....	179	68	10	77	226	78	166	44	66,272	261,339	46,321	453,600	228,600	356,400	81,000	220,500	
November....	158	53	5	35	127	39	11	25	58,588	204,764	24,156	209,700	128,700	177,300	5,400	127,800	
December....	120	49	20	17	92	21	39	19	44,377	187,525	89,550	99,900	92,700	97,200	18,900	95,400	
<b>1921.</b>																	
January.....	101	43	127	26	399	31	7	101	37,487	163,111	565,511	156,600	402,300	141,300	3,600	506,700	
February....	81	63	40	43	297	54	6	95	30,087	241,211	179,919	252,000	299,700	245,700	2,700	477,000	
March.....	89	86	64	76	548	93	17	105	33,024	330,160	287,897	451,800	533,500	425,700	8,100	528,300	
April.....	99	113	74	76	528	68	13	167	36,772	432,224	339,970	446,400	532,800	311,400	6,300	837,000	
May.....	107	92	72	84	468	95	18	164	39,767	351,053	323,132	498,600	472,500	437,400	9,000	823,500	
June.....	131	103	74	100	549	114	17	175	48,395	393,526	331,815	589,500	554,400	522,900	8,100	878,400	
July.....	134	98	69	88	425	102	24	188	49,668	374,653	306,589	520,200	429,300	469,800	11,700	943,200	
August.....	152	94	117	101	706	134	15	159	56,381	359,703	521,458	599,400	712,800	613,800	7,200	801,000	
September....	168	101	120	105	1,356	145	18	344	62,290	386,929	537,402	620,100	1,368,900	663,300	9,000	1,726,200	
October.....	174	103	70	114	832	153	17	357	64,489	394,864	314,858	675,900	839,700	701,100	8,100	1,791,000	
November....	144	98	43	114	539	105	52	396	53,422	373,943	191,440	674,100	540,000	480,600	25,200	1,987,200	
December....	108	117	99	102	444	115	40	384	39,842	449,913	440,578	603,000	448,200	528,300	19,800	1,928,700	
<b>1922.</b>																	
January.....	84	84	51	104	1,018	154	20	400	31,037	320,719	229,380	615,600	1,027,800	708,300	9,900	2,011,500	
February....	88	88	45	110	553	135	31	386	32,707	339,348	202,208	648,000	558,000	619,200	15,300	1,940,400	
March.....	131	104	72	113	458	141	24	306	48,406	397,800	319,917	668,700	462,600	648,900	11,700	1,535,400	
April.....	139	96	61	110	407	117	46	320	51,615	366,323	273,626	648,000	411,300	535,500	22,500	1,606,500	
May.....	163	99	78	113	807	109	39	262	60,448	378,974	347,368	667,800	814,500	500,400	18,900	1,316,400	
June.....	170	105	116	110	695	130	35	290	62,850	404,202	518,068	649,800	701,100	598,500	17,100	1,458,000	
July.....	163	98	21	91	777	155	20	253	60,238	375,944	93,964	540,000	784,800	710,100	9,900	1,269,900	
August.....	135	107	72	105	630	179	39	314	50,068	410,858	322,396	619,200	636,300	823,500	18,900	1,577,700	
September....	138	108	129	98	652	170	24	336	51,302	414,782	574,439	579,600	657,900	780,300	11,700	1,687,500	
October.....																	
November....																	
December....																	

<sup>1</sup> Except exports of cotton cloth from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. The figures for knit underwear are secured from the Knit-Goods Manufacturers of America; those relating to fine cotton goods from the Fine Cotton Goods Exchange.

<sup>2</sup> These figures are for fiscal years; others are for calendar years.

<sup>3</sup> Includes duck and other cloth, bleached, unbleached, and colored. Beginning with January, 1921, the figures are reported in square yards instead of linear yards, which probably makes the figures slightly smaller than when given in linear yards.

<sup>4</sup> Reported by 24 identical mills in the New Bedford district, representing about 50 per cent of this industry in New England and from 20 to 30 per cent throughout the United States.

<sup>5</sup> Calculated from reports in percentage of capacity, based on a normal production of 900,000 dozen per month. Reports on production cover from 50 to 60 mills, while for other items the reports cover from 30 to 40 mills.

<sup>6</sup> Average for last six months of year.

<sup>7</sup> Nine months' average, April to December.

## MISCELLANEOUS TEXTILES.

Table 4.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	RAW SILK.			ELAS- TIC WEB- BING.	FIBERS (unmanu- fac- tured). <sup>4</sup>	BUR- LAP.	RAW SILK.			ELAS- TIC WEB- BING.	FIBERS (unmanu- fac- tured). <sup>4</sup>	BUR- LAP.
	Im- ports. <sup>2</sup>	Con- sump- tion. <sup>3</sup>	Stocks, end of month.	Sales.	Imports.		Im- ports. <sup>2</sup>	Con- sump- tion. <sup>3</sup>	Stocks, end of month.	Sales.	Imports.	
	Rel. to 1913.	Relative to 1920.		Rel. to 1919	Relative to 1909-1913 average.		Thous. of pounds.	Bales.		Thous. of yards.	Long tons.	Thous. of pounds.
	A.—INDEX NUMBERS.						B.—NUMERICAL DATA.					
1909-1913 monthly average.....					<b>100</b>	<b>100</b>					<b>28,613</b>	<b>33,922</b>
1913 monthly average.....	<b>100</b>				114	112	<b>2,850</b>				32,596	37,917
1914 monthly average.....	90				115	108	2,566				32,960	36,519
1915 monthly average.....	109				115	100	3,094				32,769	34,047
1916 monthly average.....	120				144	95	3,406				41,060	32,147
1917 monthly average.....	127				116	120	3,619				33,318	40,653
1918 monthly average.....	142				111	107	4,060				31,886	36,366
1919 monthly average.....	162			<b>100</b>	95	109	4,627			<b>15,397</b>	27,274	36,890
1920 monthly average.....	116	<b>100</b>	<b>100</b>	87	118	140	3,308	<b>17,830</b>	<b>51,312</b>	13,404	33,817	47,398
1921 monthly average.....	154	151	42	81	71	117	4,377	26,941	21,315	12,425	20,416	39,514
<b>1920.</b>												
September.....	94	93	100	71	101	150	2,690	16,624	51,128	10,915	28,945	50,766
October.....	73	63	97	47	120	137	2,067	11,152	49,807	7,161	34,354	46,443
November.....	54	60	94	25	107	105	1,553	10,735	48,357	3,859	30,661	35,466
December.....	48	53	87	32	94	74	1,363	9,428	44,536	4,932	26,959	25,063
<b>1921.</b>												
January.....	34	124	62	50	68	144	967	22,176	31,859	7,705	19,374	48,903
February.....	84	93	54	59	94	143	2,392	16,525	27,928	9,079	26,852	48,542
March.....	82	143	32	74	96	80	2,342	25,585	16,386	11,443	27,571	27,278
April.....	184	162	39	83	93	137	5,254	28,900	20,038	12,791	26,733	46,341
May.....	169	153	40	78	82	128	4,829	27,209	20,541	12,040	23,486	43,513
June.....	151	190	30	87	96	108	4,307	33,846	15,521	13,347	27,537	36,721
July.....	208	181	35	80	75	99	5,936	32,325	17,866	12,280	21,401	33,557
August.....	202	184	37	89	46	101	5,763	32,790	18,899	13,660	13,264	34,350
September.....	191	175	45	94	41	93	5,445	31,229	23,036	14,537	11,760	31,409
October.....	134	150	38	100	37	89	3,808	26,816	19,304	15,369	10,713	30,233
November.....	166	140	38	89	39	148	4,729	24,955	19,601	13,654	11,126	50,064
December.....	237	117	48	86	88	128	6,746	20,930	24,804	13,193	25,110	43,462
<b>1922.</b>												
January.....	161	190	61	81	51	111	4,593	33,842	31,139	12,493	14,612	37,781
February.....	133	124	56	83	65	92	3,801	22,107	28,982	12,730	18,462	31,345
March.....	120	149	43	84	97	122	3,406	26,651	22,077	13,006	27,874	41,240
April.....	108	140	38	77	53	110	3,087	24,247	19,268	11,815	15,212	37,200
May.....	164	187	41		77	165	4,662	33,284	20,826		22,120	56,007
June.....	178	166	52		83	214	5,077	29,529	26,895		23,648	72,503
July.....	144	140	54		58	108	4,102	24,996	27,474		16,500	36,575
August.....	210	195	63		72	76	5,982	34,772	32,515		20,542	25,747
September.....	<sup>5</sup> 148	192	72		<sup>5</sup> 72	<sup>5</sup> 118	<sup>5</sup> 4,230	34,212	36,795		<sup>5</sup> 22,145	<sup>5</sup> 40,100
October.....												
November.....												
December.....												

<sup>1</sup> Imports of total raw silk, unmanufactured fibers and burlap are from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; consumption and stock at warehouses of raw silk are from the Silk Association of America; sales of elastic webbing are from the Webbing Manufacturers Exchange.

<sup>2</sup> Total unmanufactured silk, including raw silk, cocoons and waste.

<sup>3</sup> Consumption figures represent withdrawals from warehouses. Note that February to December, 1920, inclusive, is used as the base period.

<sup>4</sup> Includes flax, hemp,istle, jute, kapok, manila, New Zealand flax, sisal, etc.

<sup>5</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## ACTIVE TEXTILE MACHINERY.

Table 5.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	WOOL. <sup>4</sup>					COT- TON. <sup>2</sup>	WOOL. <sup>4</sup>					COT- TON. <sup>2</sup>
	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.	
	A.—INDEX NUMBERS.						B.—NUMERICAL DATA.					
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>77</b>	<b>74</b>	<b>74</b>	<b>73</b>	<b>68</b>	<b>30,246</b>
1914 monthly average.....	101	104	99	105	99	102	78	77	73	77	67	30,920
1915 monthly average.....	110	100	95	96	104	102	85	74	70	70	71	30,720
1916 monthly average.....	116	122	116	126	118	105	89	90	86	92	80	31,807
1917 monthly average.....	121	115	116	121	109	109	93	85	86	88	74	32,984
1918 monthly average.....	118	108	119	118	90	111	91	80	88	86	61	33,624
1919 monthly average.....	105	104	105	104	79	111	81	77	78	76	54	33,429
1920 monthly average.....	94	105	92	100	100	114	72	78	68	73	68	34,458
1921 monthly average.....	90	109	93	93	81	108	69	81	69	68	55	33,071
1922 monthly average.....						109						33,086
<b>1920.</b>												
September.....	71	84	65	89	94	113	55	62	48	65	64	34,041
October.....	74	100	69	89	96	112	57	74	51	65	65	33,772
November.....	74	88	72	85	91	105	57	65	53	62	62	31,700
December.....	62	77	66	75	88	99	48	57	49	55	60	29,879
<b>1921.</b>												
January.....	53	66	58	70	79	104	41	49	43	51	54	31,509
February.....	53	77	62	70	74	107	41	57	46	51	50	32,497
March.....	69	91	77	79	59	106	53	67	57	58	40	32,148
April.....	88	105	86	90	63	108	68	78	64	66	43	32,597
May.....	99	118	100	97	68	108	76	87	74	71	46	32,836
June.....	103	122	108	103	69	108	79	90	80	75	47	32,665
July.....	104	122	109	103	72	107	80	90	81	75	49	32,445
August.....	103	118	108	104	74	109	79	87	80	74	50	32,931
September.....	101	124	105	99	88	112	78	92	78	72	60	33,875
October.....	101	123	103	104	101	113	78	91	76	74	69	34,222
November.....	104	124	104	103	107	114	80	92	77	75	73	34,487
December.....	101	122	99	107	109	114	78	90	73	78	74	34,489
<b>1922.</b>												
January.....	97	118	95	108	109	114	75	87	70	79	74	34,458
February.....	95	116	89	100	115	112	73	86	66	73	78	33,797
March.....	104	116	93	100	116	105	80	86	69	73	79	31,875
April.....	109	101	88	99	116	104	84	75	65	72	79	31,389
May.....	108	84	81	88	116	105	83	82	60	64	79	31,653
June.....	112	91	85	89	115	105	86	67	63	65	78	31,877
July.....	112	92	86	92	115	106	86	68	64	67	78	31,975
August.....	109	92	86	99	115	107	84	68	64	72	78	32,499
September.....	108	101	88	93	116	110	83	75	65	68	79	33,297
October.....	110	109	97	104	121		85	81	72	76	82	
November.....												
December.....												

<sup>1</sup> Data from U. S. Department of Commerce, Bureau of Census.<sup>2</sup> The monthly averages are for cotton crop years (beginning Aug. 1 and ending July 31). Figures opposite any one year represent the monthly average number of active cotton spindles for the period beginning Aug. 1 of the preceding year.<sup>3</sup> Data for 1913 collected by the National Association of Wool Manufacturers.<sup>4</sup> Reported as of the 1st of the month.

## HOURLY ACTIVITY IN TEXTILE MACHINERY.

**Table 6.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.**

*Based on data from Government sources.<sup>1</sup>*

[Base year in bold-faced type.]

YEAR AND MONTH.	WOOL. <sup>2</sup>								WOOL. <sup>2</sup>						COTTON.		
	Looms.			Sets of cards.	Combs.	Spinning spindles.			Looms.			Sets of cards.	Combs.	Spinning spindles.		Total activity of spindles	Activity per spindle in place.
	WIDE.	NAR-ROW.	CARPET AND RUG.			WOOL-EN.	WOR-STED.	WIDE.	NAR-ROW.	CARPET AND RUG.	WOOL-EN.			WOR-STED.			
	Relative to 12-month average, Nov., 1920–Oct., 1921.								Per cent of active hours to total reported.						Millions of hours.	Hours.	
A.—INDEX NUMBERS.								B.—NUMERICAL DATA.									
12 mo. av. Nov., 1920, to Oct., 1921.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>61.0</b>	<b>55.7</b>	<b>46.2</b>	<b>62.9</b>	<b>77.0</b>	<b>63.3</b>	<b>71.7</b>		
1921 monthly average.	108	108	106	108	109	108	108	66.0	60.3	49.0	68.2	83.9	68.4	77.6			
<b>1920.</b>																	
November.....	75	94	120	86	80	84	86	45.9	52.3	55.3	54.1	61.6	53.3	61.5			
December.....	66	71	116	68	64	73	65	40.3	39.6	53.8	42.9	49.0	46.1	46.6			
<b>1921.</b>																	
January.....	55	52	92	54	48	50	49	33.3	28.8	42.5	33.9	37.1	31.6	34.8			
February.....	49	60	79	57	64	56	62	30.0	33.3	36.5	35.7	49.0	35.5	44.7			
March.....	90	77	78	79	96	78	87	54.7	42.9	36.1	49.4	73.8	49.5	62.1			
April.....	101	95	77	102	115	104	104	61.7	52.7	35.7	64.2	88.7	65.9	74.3			
May.....	120	113	82	119	123	122	121	73.4	63.2	38.0	75.0	94.6	77.1	86.5			
June.....	131	125	95	128	128	129	125	80.1	69.9	44.1	80.2	98.6	81.4	89.6			
July.....	135	132	102	131	125	129	130	82.5	73.7	47.1	82.1	95.9	81.8	93.4			
August.....	130	127	91	126	114	126	120	79.2	70.6	42.1	79.4	87.4	80.0	85.7	7,320	200	
September.....	126	124	124	125	118	124	123	76.7	69.0	57.4	78.9	91.2	78.8	88.5	7,379	202	
October.....	122	130	142	126	127	125	129	74.2	72.5	65.5	79.0	97.6	79.1	92.2	7,583	207	
November.....	123	131	151	130	129	129	128	75.1	73.0	69.9	82.0	99.5	81.7	91.9	7,689	210	
December.....	117	133	157	125	122	123	122	71.3	74.3	72.7	78.8	93.8	78.1	87.4	7,726	210	
<b>1922.</b>																	
January.....	110	130	152	116	128	118	120	67.1	72.2	70.3	72.9	98.6	74.4	86.2	7,932	215	
February.....	106	122	165	120	125	118	120	64.8	68.0	76.1	75.4	96.3	74.6	86.1	7,120	193	
March.....	108	122	166	134	126	129	115	65.9	68.1	76.9	84.4	97.2	81.6	82.7	7,779	211	
April.....	103	114	169	141	107	136	99	63.1	63.5	78.2	88.4	82.3	85.9	70.8	6,636	180	
May.....	96	96	162	137	94	134	87	58.4	53.4	74.8	86.2	72.7	84.8	62.1	7,493	203	
June.....	102	99	163	143	103	140	91	62.4	55.2	75.5	89.7	79.2	88.6	65.3	7,646	207	
July.....	105	108	156	145	105	142	96	63.8	59.9	72.1	91.0	81.2	89.9	68.5	7,045	191	
August.....	103	112	152	140	104	136	92	62.8	62.5	70.4	88.2	80.4	86.0	66.1	8,033	217	
September.....	104	105	166	141	111	136	100	63.6	58.3	76.8	88.8	85.5	86.2	71.4	7,761	209	
October.....	119	128	175	145	121	139	117	72.4	71.3	80.9	91.3	93.2	88.1	84.0			
November.....																	
December.....																	

<sup>1</sup> Compiled by U. S. Department of Commerce, Bureau of the Census.

<sup>2</sup> Reported as of the 1st of the month, but really covers previous month's operations.

## TEXTILE WHOLESALE PRICES.

Table 7.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	COTTON. <sup>2</sup>		COTTON YARN.	COTTON GOODS.		WOOL. <sup>3</sup>		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", Boston.	Sheetings, 4/4 Ware shoals, L L, New York.	Unwashed, price to producer, all grades.	Ohio, fine, unwashed, Boston.	2/32's cross-bred stock, Boston.	Storm serge, all wool, double warp, 50", New York.	Wool-dyed, blue, 55/56", Middlesex, Boston.	Japanese, Kansai No. 1, New York.
Relative to 1913.											
1913 monthly av....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
1914 monthly av....	88.3	94.6	88.0	88.1	91.2	105.3	109.1	82.4	88.9	94.4	101.5
1915 monthly av....	74.1	79.4	81.0	83.5	84.0	134.7	122.7	101.4	99.1	101.2	91.2
1916 monthly av....	112.5	113.1	120.0	121.5	117.6	165.2	140.9	135.2	135.4	127.8	133.7
1917 monthly av....	179.1	183.7	181.2	192.2	192.7	282.6	250.0	200.8	193.4	204.4	150.9
1918 monthly av....	245.8	248.5	267.5	327.5	317.3	346.1	290.9	271.5	260.4	261.5	172.3
1919 monthly av....	246.6	253.9	240.8	287.0	273.5	305.3	277.3	209.5	234.2	259.5	244.0
1920 monthly av....	267.5	264.9	283.8	363.8	343.5	228.3	277.3	234.9	238.3	270.5	227.4
1921 monthly av....	102.5	118.8	133.3	146.3	143.0	101.1	140.9	151.7	156.6	189.8	165.8
<b>1920.</b>											
September.....	259.1	235.0	257.7	289.9	<b>277.7</b>	167.6	254.5	206.0	225.3	269.4	173.7
October.....	212.5	176.8	196.2	237.7	<b>241.5</b>	164.6	227.3	193.1	204.4	259.2	164.3
November.....	161.4	148.4	165.4	188.4	<b>218.4</b>	149.1	177.3	167.4	204.4	233.0	158.9
December.....	116.6	120.8	142.8	170.4	<b>167.9</b>	131.1	145.5	141.6	204.4	198.1	154.8
<b>1921.</b>											
January.....	95.8	130.6	135.6	167.5	<b>155.2</b>	117.3	140.9	148.1	186.2	198.1	158.9
February.....	98.3	108.7	129.8	153.0	<b>150.8</b>	118.5	140.9	148.1	157.3	198.1	157.5
March.....	85.8	92.1	114.2	130.4	<b>141.9</b>	113.1	150.0	154.5	157.3	198.1	161.6
April.....	78.3	94.9	112.2	124.1	<b>124.3</b>	107.1	150.0	154.5	157.3	198.1	158.9
May.....	78.3	101.1	115.4	124.1	<b>119.9</b>	95.8	145.5	160.9	157.3	189.3	154.8
June.....	81.6	94.1	116.7	124.1	<b>115.8</b>	92.2	140.9	154.5	157.3	189.3	157.5
July.....	80.0	96.6	112.6	124.3	<b>115.8</b>	92.8	131.8	148.1	157.3	189.3	157.5
August.....	81.6	108.6	122.3	136.8	<b>117.6</b>	92.2	127.3	148.1	157.3	183.5	148.1
September.....	105.0	159.8	160.0	168.4	<b>151.6</b>	92.8	131.8	148.1	157.3	183.5	164.3
October.....	165.0	154.0	170.2	185.5	<b>167.6</b>	94.6	131.8	148.1	146.5	183.5	165.6
November.....	147.5	142.3	160.0	174.0	<b>172.0</b>	93.4	131.8	148.0	144.9	183.5	197.0
December.....	135.0	143.4	154.2	167.5	<b>173.5</b>	101.1	140.9	160.9	144.9	183.5	209.0
<b>1922.</b>											
January.....	136.6	140.0	147.5	167.5	<b>159.6</b>	107.7	159.1	164.5	144.9	183.5	185.8
February.....	129.1	141.2	141.6	163.2	<b>159.6</b>	133.5	172.7	167.4	144.9	183.5	180.4
March.....	132.5	143.2	142.5	173.0	<b>156.7</b>	149.7	177.3	160.9	144.9	183.5	165.6
April.....	133.3	141.5	141.3	173.3	<b>147.7</b>	148.5	172.7	167.4	144.9	183.5	179.1
May.....	132.5	162.9	149.4	184.9	<b>150.8</b>	173.7	186.3	173.8	144.9	198.1	197.9
June.....	155.8	172.7	161.4	188.4	<b>162.2</b>	196.4	213.6	183.7	144.9	198.1	200.6
July.....	170.0	174.6	166.4	190.7	<b>172.0</b>	194.6	218.2	180.3	144.9	198.1	193.9
August.....	172.5	171.1	169.5	187.5	<b>174.1</b>	189.2	218.2	180.3	144.9	212.6	195.2
September.....	175.8	167.9	166.5	190.7	<b>175.6</b>	189.2	218.2	186.7	144.9	212.6	210.0
October.....	166.7										
November.....											
December.....											

See footnotes on opposite page.

## TEXTILE WHOLESALE PRICES.

Table 8.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	COTTON. <sup>2</sup>		COTTON YARN.	COTTON GOODS.		WOOL. <sup>2</sup>		WOR- STED YARN.	WOMEN'S DRESS GOODS.	SUIT- INGS.	SILK, RAW.
	Price to producer, all grades.	Middling upland, New York.	Carded, white, Northern, mule spun, 22/1 cones, Boston.	Print cloth, 27", Boston.	Sheetings, 4/4 Ware shoals, L L, New York.	Un- washed, price to producer, all grades.	Ohio, fine, un- washed, Boston.	2/32's crossbred stock, Boston.	Storm serge, all wool, double warp 50", New York.	Wool-dyed blue, 55/56", Middlesex, Boston.	Japanese, Kansai, No. 1, New York.
	Per pound.			Per yard.		Per pound.		Per yard.		Per pound.	
1913 monthly av....	<b>\$0.120</b>	<b>\$0.128</b>	<b>\$0.248</b>	<b>\$0.035</b>	<b>\$0.061</b>	<b>\$0.167</b>	<b>\$0.22</b>	<b>\$0.777</b>	<b>\$0.563</b>	<b>\$1.545</b>	<b>\$3.640</b>
1914 monthly av....	.106	.121	.218	.030	.056	.176	.24	.640	.500	1.459	3.694
1915 monthly av....	.089	.102	.198	.029	.052	.225	.27	.788	.557	1.564	3.318
1916 monthly av....	.135	.145	.297	.042	.072	.276	.31	1.050	.762	1.974	4.867
1917 monthly av....	.215	.235	.449	.066	.118	.472	.55	1.556	1.088	3.158	5.494
1918 monthly av....	.295	.318	.662	.113	.195	.578	.64	2.109	1.465	4.040	6.273
1919 monthly av....	.296	.325	.596	.099	.168	.510	.61	1.627	1.318	4.009	8.880
1920 monthly av....	.321	.339	.703	.126	.210	.381	.61	1.825	1.340	4.179	8.273
1921 monthly av....	.123	.152	.331	.051	.087	.169	.31	1.179	.882	2.933	6.035
<b>1920.</b>											
September.....	.311	.301	.638	.100	.171	.280	.56	1.600	1.267	4.162	6.321
October.....	.255	.226	.486	.082	.148	.275	.50	1.500	1.150	4.005	5.978
November.....	.194	.190	.409	.065	.134	.249	.39	1.300	1.150	3.600	5.782
December.....	.140	.155	.353	.059	.103	.219	.32	1.100	1.150	3.060	5.635
<b>1921.</b>											
January.....	.115	.167	.336	.058	.095	.196	.31	1.150	1.047	3.060	5.782
February.....	.118	.139	.321	.053	.093	.198	.31	1.150	.885	3.060	5.733
March.....	.103	.118	.283	.045	.087	.189	.33	1.200	.885	3.060	5.880
April.....	.094	.121	.278	.043	.076	.179	.33	1.200	.885	3.060	5.782
May.....	.094	.129	.286	.043	.074	.160	.32	1.250	.885	2.925	5.635
June.....	.098	.120	.289	.043	.071	.154	.31	1.200	.885	2.925	5.733
July.....	.096	.124	.279	.043	.071	.155	.29	1.150	.885	2.925	5.733
August.....	.098	.139	.303	.047	.072	.154	.28	1.150	.885	2.835	5.390
September.....	.126	.204	.396	.058	.093	.155	.29	1.150	.885	2.835	5.978
October.....	.198	.197	.421	.064	.103	.158	.29	1.150	.824	2.835	6.027
November.....	.177	.182	.397	.060	.105	.156	.29	1.150	.815	2.835	7.154
December.....	.162	.183	.382	.058	.107	.169	.31	1.250	.815	2.835	7.595
<b>1922.</b>											
January.....	.163	.179	.365	.058	.098	.180	.35	1.278	.815	2.835	6.762
February.....	.155	.181	.351	.056	.098	.223	.38	1.300	.815	2.835	6.566
March.....	.159	.183	.353	.060	.096	.250	.39	1.250	.815	2.835	6.027
April.....	.160	.181	.350	.060	.091	.248	.38	1.300	.815	2.835	6.517
May.....	.159	.208	.370	.064	.093	.290	.41	1.350	.815	3.060	7.203
June.....	.187	.221	.400	.065	.100	.328	.47	1.427	.815	3.060	7.301
July.....	.204	.223	.412	.066	.106	.325	.48	1.400	.815	3.060	7.056
August.....	.207	.219	.420	.065	.107	.316	.48	1.400	.815	3.285	7.105
September.....	.211	.215	.412	.066	.108	.316	.48	1.450	.815	3.285	7.644
October.....	.200										
November.....											
December.....											

<sup>1</sup> Prices of cotton and wool to the producer on the 1st and 15th of each month, respectively, are weighted averages of prices received by producers throughout the United States for all grades of cotton and wool as compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. All other prices are averages of weekly quotations compiled by the U. S. Department of Labor, Bureau of Labor Statistics, except wool prices from compilation by U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

<sup>2</sup> The prices of cotton and wool to the producer represent a composite of all grades as they come from the farms. The market prices, especially in the case of wool, are quoted on a specific grade above the average and includes handling and transportation charges.

## PIG IRON.

### Table 9.—INDEX NUMBERS.

*Based on data from Government and non-Government sources.<sup>1</sup>*

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

YEAR AND MONTH.	IRON ORE MOVEMENT. <sup>2</sup>	PRO-DUC-TION.	MERCHANT PIG IRON.						OHIO FOUN-DRY IRON.	WHOLESALE PRICES.		
	At Sault Ste. Marie Canals.		Pro-duction.	Sales.	Ship-ments.	Un-filled Or-ders.	Stocks on hand.		Melt-ings. <sup>4</sup>	Pig iron.		
							Mer-chant fur-naces only.	Steel plants mak-ing some mer-chant iron.		Foun-dry, No. 2 North-ern (Pitts-burgh).	Basic (valley fur-nace).	Com-posite pig iron. <sup>3</sup>
Relative to 1913.		Relative to 1914.						Relative to 1921.		Relative to 1913.		
1913 monthly average.....	<b>100</b>	<b>100</b>								<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly average.....	65	75	100	100	100	100	100			87	88	88
1915 monthly average.....	94	97								93	93	92
1916 monthly average.....	132	127								132	134	132
1917 monthly average.....	128	124								259	265	259
1918 monthly average.....	126	126								215	221	222
1919 monthly average.....	98	100	133	129	145	186	63			189	188	191
1920 monthly average.....	118	119	155	125	176	263	38			281	287	284
1921 monthly average.....	53	54	44	44	57	85	84	<sup>3</sup> 100	<sup>5</sup> 100	157	148	156
<b>1920.</b>												
September.....	164	122	154	50	198	216	25			320	330	318
October.....	162	129	155	18	173	181	32			303	298	305
November.....	104	115	137	19	144	140	43			261	248	271
December.....	3	106	115	17	87	120	67			236	224	235
<b>1921.</b>												
January.....		94	78	28	49	109	88			211	204	212
February.....		76	54	23	45	102	86	114		187	187	194
March.....		62	44	29	48	94	90	111	121	173	165	177
April.....	2	47	40	31	49	90	93	105	79	167	156	167
May.....	51	48	39	34	54	85	91	112	93	158	150	159
June.....	124	42	36	24	43	78	92	116	95	149	141	150
July.....	83	34	32	40	38	77	92	113	80	138	132	140
August.....	82	37	26	63	60	80	84	95	117	137	124	132
September.....	68	38	29	85	67	87	79	85	72	143	130	136
October.....	60	49	38	61	91	79	69	77	126	143	131	137
November.....	9	55	54	48	78	72	67	79	117	142	129	136
December.....		64	63	64	61	71	72	93	100	137	127	132
<b>1922.</b>												
January.....		64	60	69	71	69	76	95	112	133	123	132
February.....		64	51	79	76	70	72	89	151	130	121	125
March.....		79	67	153	104	82	71	96	193	131	122	125
April.....	2	81	65	240	114	114	59	82	234	142	136	135
May.....	26	90	66	117	123	109	44	69	239	161	167	155
June.....	124	92	75	83	111	106	41	49	245	162	170	158
July.....	167	94	66	74	115	95	32	38	283	163	165	159
August.....	167	71	51	68	89	82	21	24	348	202	181	180
September.....	125	79	58	55	77	71	20	16	303	229	222	211
October.....												
November.....												
December.....												

See footnotes on opposite page.



# PIG IRON.

## Table 10.—NUMERICAL DATA.

*From Government and non-Government sources.<sup>1</sup>*

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

YEAR AND MONTH.	IRON ORE MOVEMENT. <sup>2</sup>	PRODUCTION.	MERCHANT PIG IRON.						OHIO FOUNDRY IRON.	WHOLESALE PRICES.			
			At Sault Ste. Marie Canals.	Production.	Sales.	Shipments.	Unfilled orders.	Stocks on hand.		Meltings. <sup>4</sup>	Pig iron.		Composite pig iron. <sup>6</sup>
	Short tons.							Long tons.					
								Merchant furnaces only.	Steel plants making some merchant iron.			Dollars per long ton.	
1913 mo. av. ....	<b>5,345,484</b>	<b>2,560,342</b>									<b>\$16.00</b>	<b>\$14.75</b>	<b>\$15.42</b>
1914 mo. av. ....	3,490,418	1,920,813	<b>378,925</b>	<b>329,964</b>	<b>332,724</b>	<b>1,305,073</b>	<b>759,572</b>				13.90	12.88	13.52
1915 mo. av. ....	5,023,734	2,471,881									14.87	13.74	14.15
1916 mo. av. ....	7,050,234	3,253,280									21.07	19.76	20.31
1917 mo. av. ....	6,819,343	3,182,165									41.39	38.90	39.99
1918 mo. av. ....	6,727,922	3,208,837									34.46	32.51	34.38
1919 mo. av. ....	5,213,644	2,548,573	503,450	425,425	483,511	2,432,964	480,650				30.31	27.70	29.91
1920 mo. av. ....	6,308,944	3,034,510	586,016	412,697	585,653	3,435,852	289,145				44.90	42.25	43.80
1921 mo. av. ....	2,837,557	1,378,641	168,494	145,854	189,495	1,111,934	634,959	<b>188,422</b>	<b>20.71</b>		25.17	21.74	24.05
<b>1920.</b>													
September.....	8,747,732	3,129,323	584,573	164,950	658,509	2,813,951	187,775				51.21	48.50	48.98
October.....	8,684,487	3,292,597	588,965	58,527	577,050	2,361,759	244,207				48.46	43.75	47.07
November.....	5,563,925	2,934,908	520,605	63,015	478,284	1,833,417	328,198				41.76	36.50	41.80
December.....	137,564	2,703,855	435,473	57,597	289,644	1,566,408	506,706				37.71	33.00	36.31
<b>1921.</b>													
January.....		2,416,292	296,335	92,256	161,764	1,425,844	665,376				33.84	30.00	32.62
February.....		1,937,257	204,974	74,874	151,239	1,326,408	653,854				29.96	27.50	29.95
March.....		1,595,522	166,071	96,942	160,268	1,231,123	685,363	209,414	24.96		27.66	24.20	27.35
April.....	95,328	1,193,041	153,193	101,651	161,552	1,172,847	703,488	197,240	16.31		26.71	22.88	25.80
May.....	2,747,361	1,221,221	148,945	113,682	178,575	1,103,487	693,270	210,243	19.34		25.36	22.00	24.47
June.....	6,640,152	1,064,833	135,892	80,283	144,198	1,012,307	698,600	219,175	19.64		23.84	20.75	23.08
July.....	4,356,760	864,555	121,469	132,821	127,137	1,004,149	702,289	213,672	16.67		22.09	19.38	21.57
August.....	4,384,949	954,193	99,227	208,227	200,181	1,040,857	637,820	179,431	24.14		21.86	18.20	20.29
September.....	3,610,454	985,529	108,432	279,938	224,280	1,131,668	598,700	160,457	14.94		22.96	19.13	20.99
October.....	3,209,886	1,246,676	143,762	201,604	304,325	1,026,769	522,047	145,327	26.09		22.96	19.19	21.15
November.....	493,122	1,415,481	203,145	157,487	258,725	942,829	510,990	148,540	24.20		22.66	19.00	20.92
December.....		1,649,086	240,484	210,485	201,485	924,922	547,708	174,842	20.80		21.96	18.63	20.42
<b>1922.</b>													
January.....		1,638,697	228,667	228,467	234,987	894,961	580,263	179,216	23.13		21.26	18.15	20.42
February.....		1,629,991	192,804	260,094	251,348	911,065	546,403	167,805	31.17		20.84	17.75	19.31
March.....		2,034,794	252,957	504,631	346,571	1,070,027	539,363	180,912	39.97		20.96	17.94	19.26
April.....	80,634	2,072,114	246,884	791,970	378,884	1,484,267	445,216	154,202	48.40		22.71	20.00	20.77
May.....	1,379,850	2,306,679	250,089	386,736	407,856	1,420,713	333,613	130,865	49.48		25.76	24.60	23.91
June.....	6,617,660	2,361,028	282,961	273,461	368,222	1,378,223	309,079	93,407	50.75		25.96	25.00	24.29
July.....	8,942,659	2,405,365	251,612	244,666	381,636	1,240,206	244,808	70,907	58.54		26.02	24.25	24.54
August.....	8,936,377	1,816,170	191,965	222,842	295,899	1,065,280	158,877	45,366	71.97		32.37	26.60	24.74
September.....	6,658,148	2,033,720	220,882	181,832	256,354	929,205	150,524	30,943	62.68		36.65	32.63	32.48
October.....													
November.....													
December.....													

<sup>1</sup> Iron ore movement from the U. S. War Department, Engineer Corps; figures for pig-iron production (anthracite and coke, not including charcoal iron) furnished by the Iron Age; merchant pig iron by the American Pig Iron Association; Ohio foundry iron by Ohio State Foundrymen's Association; wholesale prices, average 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.

<sup>2</sup> No allowance made for seasonal variation in computing these index numbers. The figures represent about 85 per cent of the total iron ore production of the United States.

<sup>3</sup> Relative to 11 months' average, February-December, 1921.

<sup>4</sup> Represents percentages of actual to normal melt of gray iron foundries in Ohio. Prior to September, reports represent the month beginning with the 15th day of the calendar month. September figures are for the period Sept. 15 to 30 only. Subsequent figures are for calendar months.

<sup>5</sup> Relative to 10 months' average, March-December, 1921.

<sup>6</sup> 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, Cincinnati.

## CRUDE STEEL.

Table 11.—INDEX NUMBERS.

Based on data from Government and non-Government sources.

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

YEAR AND MONTH.	STEEL IN-GOTS. <sup>1</sup>		U. S. STEEL CORPORATION. <sup>2</sup>		SHEETS, BLUE, BLACK, GALVANIZED. <sup>3</sup>				IRON AND STEEL.		WHOLESALE PRICES.				
	Pro-duction.	Unfilled orders, end of month.	Earn-ings.	Pro-duction.	Unsold stocks.	Ship-ments.	Sales.	Unfilled orders.	Ex-ports (com-para-ble).	Im-ports.	Steel billets, Besse-mer (Pitts-burgh). <sup>4</sup>	Struc-tural steel beams (Pitts-burgh). <sup>5</sup>	Iron and steel. <sup>6</sup>	Com-posite steel. <sup>6</sup>	Com-posite finished steel. <sup>7</sup>
1913 monthly average..	<b>100</b>	<b>100</b>	<b>100</b>						<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly average..	75	70	52						56	90	78	83	87	88	86
1915 monthly average..	103	88	95						128	89	87	93	94	95	92
1916 monthly average..	137	165	243						220	98	170	177	154	163	161
1917 monthly average..	144	181	215						235	102	271	269	266	259	252
1918 monthly average..	142	146	136						194	53	183	202	215	220	213
1919 monthly average..	111	101	105						160	101	157	174	191	193	188
1920 monthly average..	135	170	129	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	180	138	218	187	249	211	222
1921 monthly average..	64	90	68	48	830	49	50	32	80	38	134	131	155	152	152
<b>1920.</b>															
September.....	141	176	141	111	91	111	79	96	179	120	228	184	262	221	239
October.....	142	167	147	113	117	110	51	80	198	150	213	184	261	213	230
November.....	124	153	131	99	204	108	33	59	190	192	193	184	242	203	215
December.....	110	138	106	47	304	73	33	43	218	57	169	180	203	191	187
<b>1921.</b>															
January.....	100	128	126	20	670	27	32	40	239	64	169	162	197	189	184
February.....	79	117	89	25	739	34	25	39	172	14	164	162	185	180	176
March.....	71	106	68	38	739	34	37	36	101	17	149	152	172	171	166
April.....	57	99	64	47	713	49	61	38	71	19	145	147	167	170	165
May.....	55	93	68	57	826	53	42	33	62	47	144	146	165	170	166
June.....	45	87	60	46	1,143	45	29	28	47	34	144	146	159	165	159
July.....	36	82	45	27	983	37	38	26	38	40	125	139	145	153	148
August.....	52	77	57	53	917	51	60	26	33	37	115	123	137	144	141
September.....	53	77	63	60	791	56	94	32	41	50	113	123	134	138	136
October.....	73	73	72	74	796	74	91	35	47	52	113	116	135	134	134
November.....	75	72	51	70	826	69	58	29	55	41	113	106	132	133	128
December.....	65	72	40	55	809	65	40	23	59	41	113	99	129	130	127
<b>1922.</b>															
January.....	72	72	41	58	848	54	59	21	62	50	109	99	127	126	124
February.....	79	70	54	77	848	69	78	23	49	43	109	99	125	124	121
March.....	107	76	74	94	813	84	183	44	78	53	109	96	125	122	122
April.....	111	86	68	103	604	99	177	55	81	70	114	99	131	126	125
May.....	123	89	77	119	378	116	148	49	82	87	132	106	139	127	127
June.....	119	95	94	119	383	115	181	61	77	147	136	106	140	129	130
July.....	113	98	86	100	348	101	96	56	56	273	136	109	142	130	131
August.....	100	101	93	120	317	113	110	49	52	188	140	116	151	137	138
September.....	108	113	61	111	365	104	123	51	48	<sup>10</sup> 288	153	137	166	146	146
October.....															
November.....															
December.....															

See footnotes on opposite page also.

<sup>1</sup> Yearly figures represent the monthly averages of total production of all companies as compiled annually by the *American Iron and Steel Institute*. The institute reports monthly production figures for 30 companies which produced 84.2 per cent of the total output of the country in 1920 and 87.5 per cent in 1921. In order to make the monthly figures comparable, they have been calculated to a 100 per cent production on the basis of the above percentages, the 1922 figures being calculated on the 1921 average.

<sup>2</sup> Unfilled orders of steel and earnings reported by *U. S. Steel Corporation*.

<sup>3</sup> Sheets, blue, black, and galvanized, reported by the *National Association of Sheet and Tin Plate Manufacturers*, representing almost all the independent sheet manufacturers.

<sup>4</sup> This column gives a total of pig iron and rolled products as used by the *Iron Trade Review*, which is comparable each month back to 1913.

<sup>5</sup> Beginning with January, 1922, all commodities are given in quantities in the export reports, many of which were previously available only on a value basis. This column gives the total of all pig iron and rolling-mill products as compiled by the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*.

## CRUDE STEEL.

Table 12.—NUMERICAL DATA.

From Government and non-Government sources.

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

YEAR AND MONTH.	STEEL INGOTS. <sup>1</sup>	U. S. STEEL CORPORATION. <sup>2</sup>		SHEETS, BLUE, BLACK, GALVANIZED. <sup>3</sup>					IRON AND STEEL.			WHOLESALE PRICES.				
	Production.	Unfilled orders, end of month.	Earnings.	Production.	Unsold stocks.	Shipments.	Sales.	Unfilled orders.	EXPORTS.		IM-PORTS.	Steel billets, Bessemer (Pittsburgh) <sup>8</sup>	Structural steel beams (Pittsburgh) <sup>9</sup>	Iron and steel. <sup>5</sup>	Composite steel. <sup>6</sup>	Composite finished steel. <sup>7</sup>
									For comparison. <sup>4</sup>	Total. <sup>5</sup>	Total. <sup>4</sup>					
	Long tons.	Thousands of long tons.	Thousands of dollars.	Per cent of capacity.					Long tons.			Dollars per long ton.	Dollars per pound.	Dollars per long ton.	Dollars per pound.	
1913 monthly average.	<b>2,523,344</b>	<b>5,907</b>	<b>11,432</b>	.....	.....	.....	.....	.....	<b>228,801</b>	.....	<b>26,556</b>	<b>25.79</b>	<b>0.016</b>	<b>26.32</b>	<b>0.0172</b>	<b>0.0166</b>
1914 monthly average.	1,901,649	4,115	5,972	.....	.....	.....	.....	.....	129,123	.....	24,027	20.08	.013	22.92	.0152	.0143
1915 monthly average.	2,607,018	5,189	10,866	.....	.....	.....	.....	.....	293,207	.....	23,533	22.44	.015	24.76	.0163	.0153
1916 monthly average.	3,450,160	9,720	27,798	.....	.....	.....	.....	.....	503,971	.....	25,906	43.95	.028	40.50	.0280	.0267
1917 monthly average.	3,634,933	10,716	24,608	.....	.....	.....	.....	.....	536,980	.....	26,974	69.86	.043	70.10	.0446	.0419
1918 monthly average.	3,587,585	8,635	15,595	.....	.....	.....	.....	.....	444,835	.....	14,052	47.27	.032	56.67	.0379	.0354
1919 monthly average.	2,807,900	5,995	11,966	.....	.....	.....	.....	.....	366,663	.....	26,837	40.54	.028	50.37	.0332	.0312
1920 monthly average.	3,406,783	10,023	14,724	<b>72.7</b>	<b>2.3</b>	<b>72.7</b>	<b>60.8</b>	<b>294.4</b>	412,030	.....	36,626	56.26	.028	65.60	.0363	.0368
1921 monthly average.	1,602,933	5,331	7,726	34.9	19.1	35.9	30.7	94.1	183,980	.....	10,088	34.46	.021	40.74	.0261	.0253
<b>1920.</b>																
September.....	3,562,410	10,375	16,174	80.7	2.1	81.0	48.1	283.5	408,605	.....	31,825	58.75	.028	68.86	.0380	.0396
October.....	3,581,920	9,837	16,775	82.3	2.7	80.2	31.3	234.5	451,972	.....	39,797	55.00	.028	68.61	.0367	.0381
November.....	3,133,810	9,021	15,003	72.0	4.7	78.2	19.8	172.4	434,290	.....	50,995	49.70	.028	63.75	.0350	.0357
December.....	2,779,530	8,148	12,099	34.2	7.0	53.1	19.7	126.2	499,780	.....	15,120	43.50	.027	53.45	.0328	.0311
<b>1921.</b>																
January.....	2,518,503	7,573	14,387	14.9	15.4	19.5	19.2	119.2	546,402	.....	17,104	43.50	.025	51.98	.0325	.0306
February.....	1,999,859	6,934	10,158	18.3	17.0	24.7	15.3	113.8	394,638	.....	3,672	42.25	.025	48.81	.0310	.0292
March.....	1,795,814	6,285	7,741	27.9	17.0	24.5	22.6	105.2	230,253	.....	4,505	38.40	.023	45.37	.0294	.0276
April.....	1,447,016	5,845	7,337	34.5	16.4	35.7	36.9	112.3	162,793	.....	4,935	37.50	.022	43.84	.0293	.0274
May.....	1,387,698	5,482	7,732	41.8	19.0	38.2	25.3	96.4	142,553	.....	12,570	37.00	.022	43.32	.0293	.0276
June.....	1,147,012	5,118	6,824	33.8	26.3	33.0	17.8	81.8	107,152	.....	9,044	37.00	.022	41.87	.0283	.0264
July.....	918,354	4,830	5,157	19.7	22.6	27.0	22.8	74.3	86,939	.....	10,633	32.25	.021	38.14	.0263	.0246
August.....	1,300,950	4,532	6,503	38.8	21.1	37.1	36.2	75.3	75,646	.....	9,706	29.60	.019	35.99	.0248	.0234
September.....	1,342,867	4,561	7,258	43.6	18.2	41.0	57.0	94.8	94,838	.....	13,178	29.00	.019	35.34	.0237	.0225
October.....	1,848,205	4,287	8,204	53.8	18.3	53.4	55.1	102.3	106,584	.....	13,910	29.00	.018	35.46	.0230	.0222
November.....	1,897,578	4,251	6,440	51.2	19.0	49.8	35.5	84.9	125,516	.....	10,997	29.00	.017	34.71	.0228	.0213
December.....	1,631,336	4,268	4,967	40.1	18.6	47.3	24.2	68.8	134,447	.....	10,798	29.00	.015	33.99	.0223	.0211
<b>1922.</b>																
January.....	1,821,539	4,242	4,654	42.0	19.5	39.0	35.6	62.5	140,784	162,217	13,405	28.00	.015	33.45	.0217	.0206
February.....	1,994,767	4,141	6,181	56.1	19.5	50.5	47.3	66.8	112,812	135,758	11,537	28.00	.015	32.86	.0214	.0201
March.....	2,710,049	4,494	8,505	68.0	18.7	61.1	111.4	128.7	178,113	210,095	14,149	28.00	.014	32.97	.0209	.0202
April.....	2,794,368	5,097	7,750	75.2	13.9	72.3	107.7	161.0	184,991	200,735	18,720	29.50	.015	34.42	.0216	.0208
May.....	3,099,155	5,254	8,825	86.6	8.7	84.2	69.8	144.2	187,732	231,260	23,097	34.00	.016	36.51	.0218	.0211
June.....	3,011,519	5,636	10,712	86.4	8.8	83.3	110.0	179.7	177,067	220,112	39,154	35.00	.016	36.96	.0222	.0215
July.....	2,843,054	5,776	9,834	72.7	8.0	73.6	58.2	166.3	128,326	159,338	72,425	35.00	.017	37.50	.0223	.0217
August.....	2,531,529	5,950	10,615	87.2	7.3	82.2	67.0	144.9	119,067	146,961	50,050	36.10	.018	39.71	.0236	.0229
September.....	2,713,511	6,692	7,020	80.4	8.4	75.4	75.0	150.3	109,207	130,728	76,393	39.50	.021	43.79	.0251	.0243
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page also.

<sup>6</sup> The figures for composite steel compiled by the *American Metal Market* represent the average price per pound of steel products weighted as follows: 2½ pounds bars, 1½ pounds plates, 1½ pounds shapes, 1½ pounds pipe, 1½ pounds wire nails, 1 pound galvanized sheets, and ½ pound tin plate.

<sup>7</sup> Composite price of finished steel products compiled by the *Iron Age* includes: Steel bars, beams, tank plates, plain wire, open-hearth rails, black pipe, and black sheets. These products, according to the *Iron Age*, constitute 88 per cent of the United States output of finished steel.

<sup>8</sup> 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 plate, wire nails, and black pipe. Pig iron average in turn is average of 13 different quotations.

<sup>9</sup> Average of weekly prices from U. S. Department of Labor, Bureau of Labor Statistics.

<sup>10</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## IRON AND STEEL PRODUCTS.

Table 13.—INDEX NUMBERS.

Based on data from Government and non-Government sources.

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

YEAR AND MONTH.	LOCOMOTIVES.						FRT. CARS.	SHIPS.		FABRICATED STRUCTURAL STEEL.	STOKERS.		STEEL BARRELS AND DRUMS.		
	Shipments.			Unfilled orders.			Orders.	Under construction. <sup>4</sup>	Completed. <sup>5</sup>	Sales. <sup>3</sup>	Sales.		Shipments.	Production.	Unfilled orders.
	Total.	Domestic.	Foreign.	Total.	Domestic.	Foreign.	Domestic.				Number.	Total horsepower.			
	Relative to 1913.	Relative to 1920.					Relative to 1913.	Relative to 1920.	Relative to 1919.	Relative to 1913.	Relative to 1919.		Relative to 1921.		
1913 monthly average..	<b>100</b>						<b>100</b>		9	<b>100</b>					
1914 monthly average..	39						57		8	100					
1915 monthly average..	37						90		5	139					
1916 monthly average..	75						143		8	138					
1917 monthly average..	110						119		21	120					
1918 monthly average..	121						152		62	112					
1919 monthly average..	73						19	<b>100</b>		107	<b>100</b>	<b>100</b>			
1920 monthly average..	65	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	63	<b>100</b>	67	108	78	125			
1921 monthly average..	37	63	48	25	23	31	18	53	30	71	31	52	<b>100</b>	<b>100</b>	<b>100</b>
<b>1920.</b>															
September.....	66	123	74	115	123	100	33	107	74	87	52	135			
October.....	98	180	115	102	109	89	62	107	65	51	28	52			
November.....	91	187	80	85	89	77	24	104	61	55	17	25			
December.....	93	181	96	66	71	57	24	97	50	53	15	20			
<b>1921.</b>															
January.....	72	135	80	51	55	43	26	92	60	36	16	21	70	74	
February.....	58	97	79	41	44	36	2	85	32	29	20	33	73	88	
March.....	53	102	55	34	37	27	13	78	42	59	22	44	81	89	
April.....	60	125	53	21	22	20	3	64	34	62	41	56	111	118	
May.....	25	52	20	22	19	28	2	56	31	57	29	78	80	93	
June.....	26	39	42	19	15	25	14	50	47	75	32	58	80	86	
July.....	19	29	28	18	13	28	9	45	24	67	42	65	86	93	104
August.....	31	40	57	18	16	21	1	44	22	66	50	85	139	132	105
September.....	35	46	62	16	11	25	5	38	26	96	47	69	105	95	103
October.....	25	48	25	23	13	45	62	32	14	109	23	33	148	145	109
November.....	9	13	17	24	16	42	67	28	18	112	26	41	116	113	97
December.....	29	27	66	20	16	28	5	26	13	80	25	38	111	76	83
<b>1922.</b>															
January.....	24	10	71	16	16	14	105	23	15	81	35	65	80	90	87
February.....	14	36	4	18	19	15	138	12	11	88	32	68	91	97	106
March.....	13	32	4	25	29	17	114	17	2	156	50	132	150	159	120
April.....	7	12	9	47	58	24	300	18	10	174	53	118	179	207	149
May.....	23	49	18	47	56	29	174	19	6	157	61	154	201	243	178
June.....	37	61	53	44	55	21	125	18	5	140	47	71	238	230	182
July.....	42	111	7	61	80	23	130	19	6	130	76	133	197	230	143
August.....	49	118	24	78	104	25	15	22	3	131	68	158	218	237	132
September.....	39	103	7	111	151	27	99			124			184	213	138
October.....															
November.....															
December.....															

See footnotes on opposite page also.

<sup>1</sup> Locomotive shipments and unfilled orders reported direct by principal locomotive companies; Freight car orders by domestic railroads compiled by the *Iron Trade Review*; vessels under construction and vessels completed, *U. S. Department of Commerce, Bureau of Navigation*; stoker sales from the *Stoker Manufacturers' Association*, said to represent approximately 99 per cent of the industry; fabricated structural steel by the *Bridge Builders and Structural Society* up to April, 1921, and since then compiled by *U. S. Department of Commerce, Bureau of the Census*, including reports from the *Structural Steel Society*; steel barrels and drums by the *Steel Barrel Manufacturers' Association*.

<sup>2</sup> Gross ton represents in units of 100 cubic feet the entire cubical capacity of the vessel, including crew and engine space.

## IRON AND STEEL PRODUCTS.

Table 14.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	LOCOMOTIVES.						FRT. CARS.	SHIPS.		FABRICATED STRUCTURAL STEEL.	STOKERS.		STEEL BARRELS AND DRUMS.			
	Shipments.			Unfilled orders.			Orders.	Under construction. <sup>4</sup>	Completed. <sup>5</sup>	Sales. <sup>3</sup>	Sales.		Shipments.	Production.	Unfilled orders.	
	Total.	Do-mestic.	For-ign.	Total.	Do-mestic.	For-ign.	Do-mestic.				Number.	Total horse-power.				
	Number of locomotives.						Number of cars.	Gross tons. <sup>2</sup>		Long tons.	Number.	Total horse-power.	Number.	Per cent of capacity.	Number.	
1913 mo. av. . .	306						10,500		31,881	89,500						
1914 mo. av. . .	119						6,000		26,354	89,808						
1915 mo. av. . .	114						9,500		18,760	124,583						
1916 mo. av. . .	230						15,000		27,118	123,500						
1917 mo. av. . .	336						12,500		75,112	107,083						
1918 mo. av. . .	371						16,000		218,549	100,134						
1919 mo. av. . .	223						2,000		351,158	96,200	234	52,732				
1920 mo. av. . .	199	110	89	1,323	894	429	6,667	1,155,691	235,945	96,783	183	65,919				
1921 mo. av. . .	112	69	43	337	206	131	1,938	613,617	105,973	63,189	72	27,261	112,042	17.4	234,557	
<b>1920.</b>																
September . . .	201	135	66	1,524	1,097	427	3,500	1,236,547	259,611	77,727	122	71,229				
October . . . . .	300	198	102	1,353	971	382	6,500	1,236,277	226,603	45,556	66	27,203				
November . . . .	277	206	71	1,128	796	332	2,500	1,206,486	213,957	49,156	40	13,224				
December . . . .	284	199	85	876	632	244	2,500	1,123,946	176,781	46,988	34	10,649				
<b>1921.</b>																
January . . . . .	220	149	71	672	489	183	2,700	1,067,293	208,967	32,058	37	10,921	78,587	12.8		
February . . . . .	177	107	70	542	389	153	200	977,903	111,609	25,634	46	17,521	81,763	15.3		
March . . . . .	161	112	49	445	330	115	1,400	901,229	145,852	52,376	52	23,053	91,248	15.4		
April . . . . .	185	138	47	282	198	84	350	734,904	120,508	55,864	96	29,651	124,251	20.5		
May . . . . .	75	57	18	288	167	121	250	645,224	109,393	50,823	68	40,889	89,610	16.1		
June . . . . .	80	43	37	245	137	108	1,500	581,631	164,335	66,903	76	30,597	89,548	15.0		
July . . . . .	57	32	25	236	116	120	900	519,564	84,918	60,219	98	34,073	96,754	16.2	243,490	
August . . . . .	95	44	51	237	147	90	150	513,863	78,415	59,302	116	44,586	155,521	22.9	247,320	
September . . . .	106	51	55	209	102	107	550	439,735	89,709	85,995	110	36,401	117,112	16.6	240,616	
October . . . . .	75	53	22	308	117	191	6,500	365,686	50,265	97,789	54	17,596	165,899	25.2	255,423	
November . . . .	29	14	15	318	139	179	7,000	319,426	61,599	99,800	60	21,626	130,199	19.7	226,677	
December . . . .	89	30	59	265	143	122	550	296,944	46,108	71,500	58	20,224	124,006	13.3	193,814	
<b>1922.</b>																
January . . . . .	74	11	63	207	147	60	11,000	260,599	52,764	72,100	81	34,157	89,216	15.6	204,204	
February . . . . .	44	40	4	239	173	66	14,500	222,559	38,359	78,700	75	35,663	101,830	16.9	248,315	
March . . . . .	39	35	4	330	255	75	12,000	197,011	6,203	139,300	116	69,716	168,476	27.7	281,794	
April . . . . .	21	13	8	617	515	102	31,500	211,918	34,308	155,880	125	62,027	200,214	36.1	350,445	
May . . . . .	70	54	16	621	497	124	18,250	220,727	21,419	140,400	143	81,391	225,372	42.2	416,477	
June . . . . .	114	67	47	586	495	91	13,100	209,060	16,959	125,100	109	37,239	266,944	40.1	427,739	
July . . . . .	128	122	6	811	712	99	13,700	218,999	19,356	116,280	177	70,230	220,992	40.0	334,881	
August . . . . .	151	130	21	1,035	926	109	1,620	249,394	11,511	116,820	160	83,310	244,271	41.2	309,044	
September . . . .	119	113	6	1,463	1,347	116	10,350			111,420			206,448	37.0	322,632	
October . . . . .																
November . . . . .																
December . . . . .																

See footnotes on opposite page also.

<sup>1</sup> The *Bridge Builders and Structural Society* state that reports in the earlier years were probably 10 or 15 per cent less complete than during the last six or seven years. These figures are believed to represent the total business in the United States, based on a capacity of 180,000 tons per month. The figures compiled by the *Bureau of the Census* are from over 130 identical firms reporting a combined capacity in excess of 200,000 tons per month, but in order to make the reports comparable with previous reports the sales are prorated down to a capacity of 180,000 tons.

<sup>2</sup> Tonnage under construction on the first of the month refers to the gross tons of shipping, building or under contract to build for private owners. Includes only steel vessels of over 100 gross tons. Does not include Government ships or ships building or contracted for by U. S. Shipping Board.

<sup>3</sup> Includes ocean-going, lake and river vessels built and officially numbered by the *U. S. Department of Commerce, Bureau of Navigation*. Includes vessels of the U. S. Shipping Board and private American owners, but not vessels built for foreign owners.

<sup>4</sup> Relative to six months' average, July to December, 1921.

## NONFERROUS METALS.

Table 15.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	COPPER.			TIN.			ZINC.					LEAD.		
	Production.	Exports—Pigs, ingots, etc.	Price—Ingots, electrolytic (New York).	Stocks.	Imports—Bars, blocks, etc.	Price—Pig (New York).	Production (total primary).	Stocks.	Receipts at St. Louis. <sup>2</sup>	Shipments from St. Louis. <sup>2</sup>	Price—Prime western (New York).	Receipts at St. Louis. <sup>3</sup>	Shipments from St. Louis. <sup>3</sup>	Price—Pig, desilverized (New York).
Relative to 1913.														
1913 monthly av...	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly av...	94	107	85	92	87	78	102	49	99	95	90	275	106	88
1915 monthly av...	113	76	110	113	97	84	141	35	110	107	247	289	109	104
1916 monthly av...	157	78	175	171	147	<b>96</b>	193	43	160	114	241	268	89	155
1917 monthly av...	154	113	187	137	135	132	193	132	276	168	159	372	131	207
1918 monthly av...	156	83	157	17	124	190	149	101	124	212	142	164	138	169
1919 monthly av...	105	52	122	55	78	<b>146</b>	132	92	114	203	127	131	91	131
1920 monthly av...	99	73	114	183	110	112	138	99	114	193	139	201	83	184
1921 monthly av...	39	73	80	127	47	67	62	195	49	73	90	192	56	105
<b>1920.</b>														
September.....		35	119	202	100	99	127	106	143	152	134	196	102	186
October.....		33	107	173	71	91	122	126	140	101	129	192	73	166
November.....		55	93	161	100	82	115	153	114	146	116	195	54	143
December.....		59	87	155	62	76	98	175	122	123	103	220	35	109
<b>1921.</b>														
January.....	84	78	82	138	27	79	90	187	78	99	101	133	51	113
February.....	75	87	82	192	55	73	62	192	55	60	92	153	30	106
March.....	87	55	78	188	32	64	54	202	52	69	89	141	57	92
April.....	50	59	79	132	26	68	57	200	33	62	90	163	62	97
May.....	24	46	82	139	21	72	62	211	31	67	92	243	78	113
June.....	19	71	82	138	43	65	67	221	20	32	85	220	73	103
July.....	17	67	80	136	37	62	54	227	24	40	82	181	51	100
August.....	21	59	75	95	54	59	51	213	27	64	80	256	56	100
September.....	21	35	76	95	61	<b>60</b>	50	200	64	89	81	203	52	105
October.....	24	74	81	111	46	61	50	174	62	86	88	182	65	107
November.....	22	103	83	71	72	65	73	165	69	88	89	168	44	107
December.....	18	87	86	92	93	73	76	164	72	122	90	256	49	107
<b>1922.</b>														
January.....	25	75	86	72	95	71	82	162	70	102	87	356	97	107
February.....	37	75	82	76	97	68	78	158	39	110	83	212	78	107
March.....	61	115	81	167	165	65	92	148	73	86	86	369	84	107
April.....	75	100	80	148	110	68	88	127	57	46	90	282	70	116
May.....	90	89	84	104	89	69	95	99	98	86	94	372	124	126
June.....	93	93	87	128	131	70	99	73	101	83	98	369	129	133
July.....	89	90	87	196	133	70	110	70	61	46	103	265	80	131
August.....	99	89	87	152	86	72	109	53	48	79	113	294	140	133
September.....	94	83	87	67	<b>177</b>	72	115	46	43	59	118	351	125	140
October.....														
November.....														
December.....														

See footnotes on opposite page.

## NONFERROUS METALS.

Table 16.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	COPPER.			TIN.			ZINC.					LEAD.		
	Production (smelter).	Exports—Pigs, ingots, etc.	Price—Ingots, electrolytic (New York).	Stocks.	Imports—Bars, blocks, etc.	Price—Pig (New York).	Production (total primary).	Stocks.	Receipts at St. Louis. <sup>2</sup>	Shipments from St. Louis. <sup>2</sup>	Price—Prime western (New York).	Receipts at St. Louis. <sup>3</sup>	Shipments from St. Louis. <sup>3</sup>	Price—Pig, a. silver-zed (New York).
	Thousands of pounds.		Dollars per pound.	Long tons.	Thousands of pounds.	Dollars per pound.	Thousands of pounds.					Dollars per pound.	Thousands of pounds.	
1913 monthly av.....	<b>102,040</b>	<b>70,461</b>	<b>\$0.157</b>	<b>1,847</b>	<b>9,560</b>	<b>\$0.449</b>	<b>57,780</b>	<b>81,318</b>	<b>27,675</b>	<b>28,385</b>	<b>\$0.058</b>	<b>5,476</b>	<b>8,752</b>	<b>\$0.044</b>
1914 monthly av.....	95,845	75,245	.134	1,700	8,351	.353	58,840	40,190	27,360	26,834	.053	15,048	9,299	.039
1915 monthly av.....	115,668	53,567	.173	2,079	9,273	.376	81,586	28,506	30,541	30,490	.144	15,838	9,516	.046
1916 monthly av.....	160,654	55,260	.275	3,153	14,085	.433	111,242	35,196	44,323	32,482	.140	14,670	7,810	.068
1917 monthly av.....	157,177	79,818	.294	2,535	12,908	.594	111,596	107,442	76,461	47,759	.093	20,390	11,425	.091
1918 monthly av.....	159,045	58,726	.247	312	11,876	.852	86,320	82,482	34,369	60,060	.083	8,995	12,070	.074
1919 monthly av.....	107,202	36,653	.191	1,015	7,475	.655	76,500	74,970	31,430	57,666	.074	7,195	7,975	.058
1920 monthly av.....	100,755	51,771	.180	3,371	10,503	.503	79,962	80,886	31,644	54,881	.081	11,024	7,298	.081
1921 monthly av.....	39,331	51,293	.126	2,351	4,517	.299	35,936	158,788	13,549	20,739	.052	10,490	4,866	.046
<b>1920.</b>														
September.....		24,455	.187	3,731	9,597	.444	73,638	85,800	39,574	43,126	.079	10,725	8,908	.082
October.....		23,302	.168	3,191	6,741	.406	70,670	102,460	38,724	28,774	.075	10,535	6,390	.073
November.....		38,619	.146	2,966	9,551	.368	66,636	128,780	31,538	41,446	.068	10,704	4,739	.063
December.....		41,728	.137	2,856	5,894	.339	56,878	142,116	33,660	34,828	.060	12,026	3,063	.048
<b>1921.</b>														
January.....	85,329	54,855	.129	2,546	2,584	.355	51,832	151,906	21,539	28,002	.059	7,311	4,445	.050
February.....	76,508	62,480	.129	3,546	5,270	.326	35,538	156,040	15,271	17,025	.054	8,392	2,630	.047
March.....	89,127	38,720	.122	3,476	3,028	.288	31,482	164,504	14,476	19,564	.052	7,733	4,948	.041
April.....	51,107	41,495	.125	2,441	2,484	.304	33,100	162,886	9,163	17,586	.052	8,916	5,402	.043
May.....	24,235	32,259	.128	2,571	2,022	.322	36,052	171,624	8,594	18,985	.054	13,308	6,819	.050
June.....	19,434	50,172	.128	2,546	4,133	.290	38,886	179,778	5,426	9,087	.049	12,044	6,416	.045
July.....	17,790	47,324	.125	2,521	3,566	.278	30,990	184,816	6,613	11,406	.048	9,894	4,428	.044
August.....	21,414	41,249	.117	1,761	5,201	.266	29,242	173,098	7,596	18,053	.047	14,011	4,922	.044
September.....	20,927	60,170	.120	1,756	5,796	.268	28,734	162,270	17,585	25,402	.048	11,098	4,553	.046
October.....	24,614	52,486	.127	2,041	4,352	.276	29,034	141,648	17,110	24,302	.051	9,955	5,681	.047
November.....	22,348	72,786	.130	1,316	6,886	.289	42,270	134,098	19,198	24,862	.052	9,208	3,833	.047
December.....	18,595	61,518	.136	1,696	8,880	.326	44,026	133,216	20,016	34,593	.053	14,006	4,318	.047
<b>1922.</b>														
January.....	25,848	53,130	.136	1,331	9,103	.320	47,412	131,356	19,414	29,052	.051	19,500	8,514	.047
February.....	37,416	52,862	.129	1,406	9,295	.305	45,026	128,248	10,698	31,323	.049	11,604	6,787	.047
March.....	2,305	80,853	.127	3,086	15,783	.291	53,064	120,524	20,187	24,313	.050	20,232	7,325	.047
April.....	7,026	70,145	.126	2,731	10,526	.305	51,012	103,456	15,854	13,132	.052	15,434	6,108	.051
May.....	92,048	62,891	.132	1,921	8,490	.309	54,838	80,818	27,065	24,323	.055	20,344	10,856	.055
June.....	95,223	65,604	.136	2,371	12,552	.315	57,094	59,152	28,082	23,650	.057	20,222	11,306	.058
July.....	90,978	63,596	.137	3,616	12,683	.315	63,834	57,236	16,977	13,158	.060	14,486	11,002	.058
August.....	101,838	62,612	.138	2,806	8,219	.325	62,846	43,258	13,355	22,364	.066	16,112	12,284	.059
September.....	95,665	58,167	.138	1,236	7,379	.323	66,268	37,612	11,791	16,882	.069	19,245	10,935	.062
October.....														
November.....														
December.....														

<sup>1</sup> Copper production, representing smelter production from domestic ores, for 1913 through 1920, from *U. S. Geological Survey*, 1921 and 1922 figures from *American Bureau of Metal Statistics* representing mine production; Stocks of tin from *New York Metal Exchange*; Production and stocks of total primary zinc from *American Zinc Institute* Receipts and shipments of zinc and lead at St. Louis from *Merchants Exchange of St. Louis*; Exports and imports from *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*; Wholesale prices from *U. S. Department of Labor, Bureau of Labor Statistics*, representing average of weekly prices.

<sup>2</sup> Converted from data in slabs of 80 pounds each.

<sup>3</sup> Converted from data in pigs of 50 pounds each.

<sup>4</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## COAL.

Table 17.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	BITUMINOUS.					ANTHRACITE.					COKE.				ELEC- TRIC POWER PRO- DUCTION.	
	Pro- duction.	Ex- ports. <sup>2</sup>	Prices.			Pro- duction.	Stock, end of month. <sup>3</sup>	Ex- ports.	Prices.		Production.		Ex- ports.	Price. Con- nells- ville.		Public utility plants.
			Mine aver- age. <sup>5</sup>	Whol- sale, Kana- wha f.o.b. Cin- cinnatl.	Retail, Chi- cago.				Whol- sale, chest- nut, New York.	Retail, New York.	Bee- hive	By- prod- uct.				
	Relative to 1913.	Rela- tive to 5-year average.	Relative to 1913.			Relative to 1913.	Rela- tive to 1921.	Rela- tive to 5-year average.	Relative to 1913.		Relative to 1913.	Rela- tive to 5-year average.	Relative to 1913.	Relative to 1919.		
1909-13 monthly average.....		<b>100</b>					<b>100</b>					<b>100</b>				
1913 monthly average.....	<b>100</b>	137	<b>100</b>	<b>100</b>	<b>100</b>		120	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	100	<b>100</b>			
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	208	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.....	96	136	211	187	143	96	129	156	155	59	198	73	194	<b>100</b>		
1920 monthly average.....	116	261	459	266	176	97	140	179	177	62	242	94	443	113		
1921 monthly average.....	87	157	207	207	187	99	<b>100</b>	121	200	17	157	32	149	105		
<b>1920.</b>																
September.....	123	365	693	323	224	61	113	198	323	63		110	628	112		
October.....	131	417	633	323	227	106	154	198	323	63		142	587	116		
November.....	129	325	477	323	222	98	116	198	323	59		117	363	114		
December.....	131	244	356	323	217	111	129	199	323	54		106	256	115		
<b>1921.</b>																
January.....	103	205	265	255	197	101	23	101	200	41	215	52	227	109		
February.....	79	115	225	232	189	105	33	101	200	31	178	37	213	98		
March.....	78	105	214	221	187	101	53	107	199	21	167	34	205	105		
April.....	71	132	213	221	179	105	67	128	189	12	143	26	152	100		
May.....	85	228	218	221	179	102	79	151	193	11	150	21	136	101		
June.....	87	302	205	209	179	106	105	172	195	8	133	27	127	100		
July.....	78	241	195	209	177	96	131	135	198	6	122	26	119	101		
August.....	89	154	197	186	178	98	149	130	198	9	131	25	115	105		
September.....	90	110	193	186	144	97	154	100	201	10	134	24	131	104		
October.....	112	121	189	186	157	103	131	107	201	15	164	31	134	110		
November.....	92	98	191	186	188	93	135	114	201	17	167	42	122	112		
December.....	79	70	184	175	185	81	140	106	201	18	176	32	113	118		
<b>1922.</b>																
January.....	94	59	185	171	185	82	137	78	200	18	180	41	113	117		
February.....	103	74	179	164	177	89	133	95	200	20	169	44	125	107		
March.....	126	108	172	164	182	115	125	102	200	26	202	34	133	118		
April.....	40	65	182	164	182	( <sup>4</sup> )	104	38	201	19	210	38	183	111		
May.....	51	31	252	214	180	( <sup>4</sup> )		21	( <sup>5</sup> )	15	240	30	246	118		
June.....	56	49	273	232	184	1	47	14	( <sup>5</sup> )	16	244	40	277	118		
July.....	43	33	380	245	185	2	19	6	( <sup>5</sup> )	16	235	38	441	119		
August.....	56	39	481	302	192	2		10	( <sup>5</sup> )	19	169	36	525	125		
September.....	103	107	410	336	225	65		31		22	212	48	456	125		
October.....																
November.....																
December.....																

See footnotes on opposite page also.

<sup>1</sup> Except anthracite stocks from the *Anthracite Bureau of Information* and weighted average mine prices of bituminous coal throughout the United States from the *Coal Age*. Data on production of coal and coke and of electric power at public utility plants from *U. S. Department of the Interior, Geological Survey*; exports from *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*; wholesale and retail prices are monthly averages from *U. S. Department of Labor, Bureau of Labor Statistics*.



## COAL.

Table 18.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	BITUMINOUS.					ANTHRACITE.					COKE.				ELECTRIC POWER PRODUCTION.
	Production.	Ex-ports. <sup>2</sup>	Prices.			Production.	Stocks. <sup>3</sup>	Ex-ports.	Prices.		Production.		Ex-ports.	Price.	
			Mine average. <sup>3</sup>	Wholesale, Kana-wha l.o.b. Cincinnati.	Retail, Chicago.				Wholesale, chest-nut, New York.	Retail, chest-nut, New York.	Bee-hive.	By-product.			Con-nells-ville.
	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.	Thous. of kw. hours.
1909-13 monthly av.		<b>1,098</b>						<b>288</b>					<b>73</b>		
1913 monthly av.	<b>39,869</b>	1,499	<b>\$1.23</b>	<b>\$2.20</b>	<b>\$4.81</b>	<b>7,627</b>		346	<b>\$5.31</b>	<b>\$6.97</b>	<b>2,799</b>	<b>1,059</b>	73	<b>\$2.44</b>	
1914 monthly av.	35,225	1,150	1.14	2.20	4.93	7,569		319	5.32	7.00	1,945	935	49	1.81	
1915 monthly av.	36,885	1,397	1.12	2.20	4.89	7,416		295	5.33	7.17	2,292	1,172	67	1.79	
1916 monthly av.	41,877	1,581	1.85	2.68	4.87	7,298		347	5.57	7.34	2,955	1,589	87	3.25	
1917 monthly av.	45,983	1,789	3.25	4.58	6.95	8,301		462	5.94	8.46	2,764	1,870	104	8.25	
1918 monthly av.	48,282	1,663	2.58	3.88	6.55	8,236		370	6.86	9.19	2,540	2,166	126	6.00	
1919 monthly av.	38,172	1,497	2.59	4.11	6.86	7,341		370	8.27	10.81	1,587	2,095	53	4.74	<b>3,243,403</b>
1920 monthly av.	46,380	2,866	5.64	5.85	8.48	7,425		402	9.50	12.33	1,748	2,565	68	10.82	<b>3,663,618</b>
1921 monthly av.	34,660	1,722	2.55	4.56	8.99	7,539	<b>2,673</b>	348	10.53	13.92	463	1,660	23	3.65	<b>3,411,532</b>
<b>1920.</b>															
September	49,172	4,011	8.52	7.10	10.78	4,638		325	10.54	22.50	1,771		80	15.31	3,631,746
October	52,144	4,580	7.78	7.10	10.94	8,056		444	10.54	22.50	1,755		103	14.31	3,751,320
November	51,457	3,567	5.87	7.10	10.66	7,441		333	10.54	22.50	1,642		85	8.85	3,705,507
December	52,123	2,683	4.38	7.10	10.44	8,454		372	10.55	22.50	1,518		77	6.24	3,720,537
<b>1921.</b>															
January	41,148	2,248	3.26	5.60	9.48	7,681	616	289	10.64	14.54	1,137	2,278	38	5.53	3,541,493
February	31,524	1,257	2.77	5.10	9.11	7,983	879	291	10.64	14.23	865	1,888	27	5.19	3,166,041
March	31,055	1,152	2.63	4.85	8.99	7,677	1,422	308	10.64	13.90	575	1,772	25	5.00	3,394,987
April	28,154	1,453	2.62	4.85	8.60	7,985	1,789	369	10.14	13.17	329	1,519	19	3.72	3,239,471
May	34,057	2,500	2.68	4.85	8.59	7,752	2,119	434	10.24	13.24	390	1,590	16	3.33	3,263,766
June	34,635	3,315	2.52	4.60	8.63	8,071	2,817	496	10.36	13.24	232	1,408	20	3.09	3,244,093
July	31,047	2,650	2.40	4.60	8.50	7,309	3,495	388	10.50	13.36	181	1,297	19	2.91	3,269,709
August	35,291	1,695	2.42	4.10	8.57	7,459	3,971	373	10.54	13.36	248	1,383	18	2.80	3,410,701
September	35,893	1,212	2.37	4.10	6.92	7,385	4,123	287	10.66	13.34	289	1,423	18	3.19	3,374,703
October	44,686	1,329	2.33	4.10	7.56	7,858	3,500	308	10.66	13.30	416	1,734	22	3.28	3,574,339
November	36,805	1,079	2.35	4.10	9.06	7,110	3,601	329	10.66	13.30	477	1,766	30	2.97	3,639,393
December	31,627	770	2.26	3.85	8.92	6,203	3,747	306	10.65	13.30	514	1,860	23	2.75	3,819,692
<b>1922.</b>															
January	37,600	644	2.27	3.75	8.91	6,258	3,674	224	10.64	13.21	496	1,903	30	2.75	3,805,218
February	40,951	814	2.20	3.60	8.50	6,762	3,567	275	10.63	13.14	549	1,795	32	3.04	3,466,699
March	50,193	1,187	2.12	3.60	8.77	8,757	3,344	295	10.64	13.14	732	2,137	25	3.25	3,820,812
April	15,780	715	2.24	3.60	8.77	26	2,775	109	10.66	13.14	528	2,227	28	4.48	3,596,520
May	20,501	340	3.10	4.70	8.68	35		61	( <sup>4</sup> )	13.14	432	2,537	22	6.00	3,823,591
June	22,309	541	3.36	5.10	8.85	84	1,247	40	( <sup>4</sup> )	13.14	458	2,580	29	6.75	3,835,430
July	17,008	366	4.67	5.39	8.92	116	500	17	( <sup>4</sup> )	13.14	450	2,486	28	10.75	3,861,294
August	22,328	426	5.92	6.64	9.22	161		29	( <sup>4</sup> )	15.33	539	1,794	26	12.80	4,063,058
September	40,964	1,175	5.04	7.39	10.83	4,979		89		14.79	606	2,244	35	11.13	4,055,884
October															
November															
December															

See footnote on opposite page also.

<sup>1</sup> Does not include bunker coal on vessels engaged in the foreign trade.<sup>2</sup> Excluding Hudson Coal Company.<sup>3</sup> Index number less than one.<sup>4</sup> Average mine price of coal in 14 representative fields weighted by the production in each field.<sup>5</sup> No quotation.

## PETROLEUM.

Table 19.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH	CRUDE PETROLEUM.								GASOLINE.			
	Production. <sup>5</sup>	Stocks.		Imports.	Consumption.	Total shipments from Mexico. <sup>3</sup>	Price, Kansas-Oklahoma.	Oil wells completed.	Production.	Exports. <sup>5</sup>	Domestic consumption.	Stocks, end of month. <sup>4</sup>
		Held end of month.	Number of days' supply.									
	Relative to 1913.		Relative to 1919.	Relative to 1913.					Relative to 1919.			
1913 mo. av.....	<b>100</b>	<b>100</b>	.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	.....	.....	.....
1914 mo. av.....	107	118	.....	97	100	82	86	87	.....	.....	.....	.....
1915 mo. av.....	113	139	.....	102	104	127	62	48	.....	.....	.....	.....
1916 mo. av.....	121	138	.....	115	122	154	135	98	.....	.....	.....	.....
1917 mo. av.....	135	122	137	169	144	213	190	87	72	113	76	73
1918 mo. av.....	143	99	109	212	158	246	235	93	90	153	91	82
1919 mo. av.....	152	105	<b>100</b>	297	160	337	244	110	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 mo. av.....	178	127	79	610	201	594	364	127	123	173	124	98
1921 mo. av.....	189	152	96	704	201	699	182	77	130	142	131	134
<b>1920.</b>												
September.....	181	128	72	808	216	802	375	137	138	128	157	61
October.....	191	130	75	766	221	790	375	131	141	213	134	64
November.....	186	133	74	952	207	748	375	134	137	130	128	75
December.....	188	136	79	884	206	816	375	122	141	212	103	98
<b>1921.</b>												
January.....	183	120	67	889	227	856	364	115	140	176	103	121
February.....	171	126	81	767	180	765	207	99	118	171	79	144
March.....	198	133	83	829	207	749	187	91	127	148	121	151
April.....	193	139	89	681	195	744	187	77	129	185	116	158
May.....	203	148	100	616	190	650	161	88	136	130	124	169
June.....	195	155	98	691	196	793	127	92	130	124	155	159
July.....	194	161	109	542	190	269	107	73	127	89	160	145
August.....	198	162	107	226	195	259	107	60	131	156	176	120
September.....	176	165	108	616	191	817	107	49	126	114	153	109
October.....	172	166	103	784	207	776	166	47	134	154	159	97
November.....	183	170	101	876	211	814	228	56	131	150	122	105
December.....	203	177	103	929	219	898	241	70	133	117	109	124
<b>1922.</b>												
January.....	208	187	117	883	206	851	241	72	135	163	99	149
February.....	197	199	128	814	182	781	241	72	121	124	88	173
March.....	225	211	126	944	216	800	241	83	143	172	133	181
April.....	216	224	149	786	188	864	241	91	143	189	135	189
May.....	224	234	136	945	223	861	241	95	156	182	174	181
June.....	220	244	137	821	221	786	241	104	159	176	177	175
July.....	225	249	139	672	230	791	206	113	173	191	198	164
August.....	225	259	145	565	230	642	134	107	167	117	204	149
September.....	219	260	142	436	227	526	134	99	.....	146	.....	.....
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page also.

<sup>1</sup> Except shipments of crude petroleum from Mexico. Crude petroleum production, stocks, imports, and consumption, and completion of oil wells, from U. S. Department of the Interior, Geological Survey; wholesale price of crude petroleum, average for the month, from U. S. Department of Labor, Bureau of Labor Statistics; data on gasoline from U. S. Department of the Interior, Bureau of Mines.

<sup>2</sup> Figures for earlier years adjusted to represent approximate net stocks to conform with data for current months.

## PETROLEUM.

Table 20.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	CRUDE PETROLEUM.								GASOLINE.			
	Production. <sup>6</sup>	Stocks.		Imports.	Consumption.	Total shipments from Mexico. <sup>3</sup>	Price, Kansas-Oklahoma.	Oil wells completed.	Production.	Exports. <sup>5</sup>	Domestic consumption.	Stocks, end of month. <sup>4</sup>
		Held at end of month. <sup>2</sup>	Number of days' supply based on daily rate of consumption.									
	Thousands of barrels.		Thousands of barrels.		Thousands of barrels.		Per barrel.	Number of wells.	Thousands of gallons.			
1913 monthly average.....	<b>20,704</b>	<b>104,962</b>		<b>1,484</b>	<b>21,808</b>	<b>2,159</b>	<b>\$0.934</b>	<b>1,592</b>				
1914 monthly average.....	22,147	123,709		1,437	21,774	1,766	.798	1,389				
1915 monthly average.....	23,425	145,914		1,512	22,772	2,743	.583	763				
1916 monthly average.....	25,064	144,556		1,714	26,549	3,318	1.258	1,565				
1917 monthly average.....	27,943	128,201	159	2,514	31,478	4,608	1.775	1,383	237,546	34,676	218,420	343,946
1918 monthly average.....	29,661	103,886	126	3,144	34,423	5,319	2.197	1,487	297,526	46,926	260,265	386,202
1919 monthly average.....	31,531	110,026	<b>116</b>	4,401	34,873	7,280	2.279	1,747	<b>329,821</b>	<b>30,667</b>	<b>286,320</b>	<b>472,411</b>
1920 monthly average.....	36,911	133,115	92	9,054	43,732	12,814	3.404	2,024	406,879	52,979	354,848	464,485
1921 monthly average.....	30,137	159,237	111	10,442	43,784	15,093	1.704	1,218	429,462	43,690	376,382	630,757
<b>1920.</b>												
September.....	37,521	134,360	83	11,996	47,186	17,311	3.500	2,185	453,881	39,202	450,889	288,195
October.....	39,584	136,285	87	11,362	48,174	17,051	3.500	2,086	465,788	65,335	384,802	301,284
November.....	38,609	139,234	86	14,136	45,045	16,151	3.500	2,136	452,642	39,957	366,831	354,836
December.....	38,961	142,442	92	13,118	44,967	17,609	3.500	1,945	464,393	65,025	295,262	462,382
<b>1921.</b>												
January.....	37,959	125,589	78	13,193	49,421	18,481	3.400	1,825	460,432	54,065	294,751	571,984
February.....	35,366	132,222	94	11,384	39,323	16,506	1.938	1,574	388,188	52,497	225,195	680,540
March.....	40,905	139,499	96	12,303	45,181	16,173	1.750	1,452	419,795	45,392	346,165	713,043
April.....	40,040	146,399	103	10,104	42,496	16,066	1.750	1,224	426,215	56,624	333,291	747,223
May.....	41,985	155,267	116	9,148	41,391	14,026	1.500	1,405	448,568	39,859	354,263	800,496
June.....	40,354	162,463	114	10,255	42,827	17,122	1.188	1,471	430,344	38,128	445,025	750,644
July.....	40,252	168,821	126	8,047	41,403	5,806	1.000	1,162	419,642	27,383	457,758	684,237
August.....	40,894	169,682	124	3,352	42,500	5,582	1.000	952	431,577	47,831	503,513	567,646
September.....	36,508	172,874	125	9,139	41,574	17,634	1.000	788	416,913	35,055	438,084	515,326
October.....	35,539	174,149	120	11,635	45,152	16,746	1.550	752	440,956	47,116	454,992	456,270
November.....	37,880	178,260	117	12,994	48,894	17,571	2.125	899	431,887	45,867	350,548	495,590
December.....	41,957	185,623	120	13,753	47,819	19,397	2.250	1,108	439,031	35,990	313,001	586,087
<b>1922.</b>												
January.....	43,141	196,228	136	13,097	44,906	18,364	2.250	1,151	444,623	49,856	282,717	705,711
February.....	40,814	208,851	148	12,077	39,609	16,852	2.250	1,143	398,223	38,170	251,759	818,546
March.....	46,634	221,588	146	14,004	47,095	17,274	2.250	1,323	472,278	52,814	380,407	854,232
April.....	44,635	234,866	173	11,659	40,997	18,663	2.250	1,442	472,920	58,007	385,564	892,268
May.....	46,473	246,059	158	14,018	48,571	18,587	2.250	1,511	513,659	55,824	499,242	856,607
June.....	45,559	255,817	159	12,182	48,192	16,977	2.250	1,654	525,941	53,835	503,964	824,966
July.....	46,593	261,395	161	9,971	50,093	17,068	1.925	1,798	569,711	58,631	566,112	772,909
August.....	46,521	271,901	168	8,385	50,141	13,868	1.250	1,709	549,958	36,010	583,688	703,738
September.....	45,246	273,264	165	<sup>7</sup> 6,465	49,610	11,367	1.250	1,572		44,846		
October.....												
November.....												
December.....												

See footnotes on opposite page also.

<sup>1</sup> Mexican petroleum shipments from the three ports, Tampico, Port Lobos, and Tuxpam, form the best current measure of Mexican oil production. These figures are compiled from those published in the *Oil Trade Journal*. Current month is approximate from the *Wall Street Journal*.<sup>2</sup> Stocks held by refiners.<sup>3</sup> "Exports of gasoline," as used by the Bureau of Mines, includes the items "gasoline" and "all other naphtha, etc.," as reported by the *U. S. Department of Commerce*, less exports to the Philippine Islands.<sup>4</sup> Represents production transported from field of production, does not include oil consumed at locality of production.<sup>5</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## PETROLEUM PRODUCTS.

Table 21.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	KEROSENE OIL.		GAS AND FUEL OIL.		LUBRICATING OIL.		KEROSENE OIL.		GAS AND FUEL OIL.		LUBRICATING OIL.	
	Production.	Stocks.	Production.	Stocks.	Production.	Stocks.	Production.	Stocks.	Production.	Stocks.	Production.	Stocks.
	Relative to 1919.						Thousands of gallons.					
	A.—INDEX NUMBERS.						B.—NUMERICAL DATA.					
1917 monthly average.....	68	<sup>2</sup> 173	82	<sup>2</sup> 81	85	<sup>2</sup> 76	133,501	<sup>2</sup> 521,273	524,036	<sup>2</sup> 621,860	60,137	<sup>2</sup> 122,526
1918 monthly average.....	78	135	96	71	99	89	152,113	404,847	610,116	548,221	70,122	144,234
1919 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>195,136</b>	<b>300,582</b>	<b>635,607</b>	<b>770,362</b>	<b>70,563</b>	<b>161,491</b>
1920 monthly average.....	99	126	146	89	124	85	193,341	379,472	738,454	687,858	87,226	137,212
1921 monthly average.....	83	134	127	151	104	143	162,094	402,522	805,318	1,164,926	73,155	231,172
<b>1920.</b>												
September.....	102	126	132	100	122	81	199,140	379,301	836,700	771,127	86,230	130,450
October.....	110	128	130	104	132	84	213,742	383,828	823,115	799,024	93,230	136,195
November.....	110	133	129	105	129	88	214,804	398,992	822,638	808,803	91,180	142,181
December.....	108	131	135	109	129	99	210,668	393,071	859,131	837,404	90,895	160,522
<b>1921.</b>												
January.....	105	139	132	120	122	114	205,375	418,748	836,684	921,028	85,909	183,813
February.....	84	143	115	129	103	125	163,082	430,045	732,542	993,127	72,432	201,628
March.....	87	149	119	130	103	138	169,248	446,367	758,335	1,005,318	73,003	223,414
April.....	80	153	128	137	108	155	156,157	458,667	813,444	1,056,485	76,457	249,593
May.....	74	151	129	151	99	162	145,225	452,438	817,368	1,163,389	70,000	261,760
June.....	73	145	130	162	89	162	141,637	435,057	826,355	1,248,664	63,089	260,883
July.....	71	137	127	165	93	160	138,724	412,202	807,428	1,269,419	65,893	258,638
August.....	74	130	123	161	94	150	143,652	389,893	784,450	1,243,446	66,473	242,530
September.....	79	124	124	160	98	143	154,017	371,235	788,408	1,229,254	69,053	230,227
October.....	94	111	131	161	108	134	182,454	334,580	833,775	1,238,269	75,971	216,770
November.....	90	113	126	166	109	141	175,240	340,026	799,257	1,279,451	77,005	228,038
December.....	87	113	136	173	117	134	170,315	341,009	865,769	1,331,265	82,573	216,766
<b>1922.</b>												
January.....	89	109	135	171	105	152	172,917	327,484	858,111	1,319,481	74,314	245,231
February.....	86	111	120	171	98	161	167,220	332,330	761,085	1,314,740	69,123	259,892
March.....	92	107	134	162	104	147	178,785	321,428	849,106	1,250,278	73,391	236,886
April.....	97	108	125	167	103	147	188,809	325,836	791,643	1,282,801	72,945	237,230
May.....	89	106	147	172	113	140	173,824	318,890	936,742	1,321,438	79,848	226,293
June.....	89	106	142	172	114	141	173,650	317,574	903,057	1,326,940	80,138	226,904
July.....	99	108	151	176	130	140	192,924	324,586	959,029	1,358,870	91,715	226,691
August.....	94	95	149	177	126	137	184,383	285,520	944,289	1,366,612	88,824	220,668
September.....												
October.....												
November.....												
December.....												

<sup>1</sup> Data from U. S. Department of the Interior, Bureau of Mines; stocks are refiners' holdings at end of month.<sup>2</sup> Six months' average, July-December, inclusive.

## AUTOMOBILES AND RUBBER.

Table 22.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Data from Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	AUTOMOBILES.					INDIA RUBBER.		AUTOMOBILES.					INDIA RUBBER.	
	Shipments. <sup>2</sup>			Production. <sup>3</sup>		Im-ports.	Whole-sale price, Para Island, New York.	Shipments. <sup>2</sup>			Production. <sup>3</sup>		Im-ports.	Whole-sale price, Para Island, New York.
	By rail-road.	Driven away.	By boat.	Pas-senger cars.	Trucks.			By rail-road.	Driven away.	By boat.	Pas-senger cars.	Trucks.		
	Relative to 1920.			Relative to 1919.		Relative to 1913.		Carloads.	Number of machines.		Pounds.	Per pound.		
	A.—INDEX NUMBERS.							B.—NUMERICAL DATA.						
1913 monthly av.....				28	7	100	100				38,458	1,958	9,656,720	\$0.807
1914 monthly av.....				33	8	123	76				45,307	2,115	11,922,097	.616
1915 monthly av.....	77			49	23	191	69	16,048			68,218	6,167	18,456,827	.557
1916 monthly av.....	108			90	28	233	83	22,598			124,468	7,500	22,507,517	.669
1917 monthly av.....	107			105	41	350	80	22,462			145,066	10,680	33,803,190	.648
1918 monthly av.....	64			56	72	281	68	13,456			77,199	18,938	27,163,276	.549
1919 monthly av.....	113			100	100	462	60	23,726			138,138	26,364	44,661,702	.483
1920 monthly av.....	100	100	100	114	102	489	41	20,922	39,239	4,698	156,930	26,837	47,212,178	.333
1921 monthly av.....	78	31	39	93	46	358	23	16,263	12,031	1,854	127,916	12,090	34,606,109	.182
<b>1920.</b>														
September.....	99	62	116			289	31	20,804	24,431	5,469			27,883,748	.253
October.....	82	36	54			212	27	17,209	14,127	2,519			20,516,090	.217
November.....	63	24	14			341	24	13,253	9,497	659			32,956,016	.192
December.....	56	16	2			250	22	11,802	6,469	89			24,161,761	.180
<b>1921.</b>														
January.....	31	8	2			279	21	6,485	3,185	93			26,911,753	.173
February.....	48	19	2			227	21	9,986	7,507	99			21,933,165	.168
March.....	78	25	2			295	22	16,287	9,939	75			28,508,995	.180
April.....	96	36	34			270	22	20,187	14,197	1,619			26,087,408	.178
May.....	89	39	51			247	22	18,608	15,193	2,381			23,890,838	.179
June.....	97	48	84			359	20	20,269	18,834	3,947			34,624,748	.164
July.....	93	40	79	120	41	286	20	19,514	15,533	3,726	165,574	10,766	27,647,874	.164
August.....	99	39	77	121	50	343	20	20,758	15,218	3,595	167,705	13,080	33,103,804	.165
September.....	91	35	63	105	52	358	22	19,002	13,840	2,959	144,669	13,648	34,546,411	.174
October.....	85	33	47	98	49	493	26	17,717	12,926	2,214	134,734	12,813	47,642,303	.210
November.....	68	27	30	77	38	536	27	14,240	10,505	1,402	106,042	10,010	51,731,184	.215
December.....	58	19	3	51	32	607	26	12,100	7,500	134	70,690	8,307	58,644,821	.211
<b>1922.</b>														
January.....	73	19	3	59	36	559	24	15,357	7,479	143	81,693	9,416	54,010,946	.193
February.....	94	26	4	79	50	691	20	19,636	10,173	180	109,171	13,195	66,744,240	.163
March.....	133	43	12	111	75	665	20	27,753	16,917	560	152,959	19,761	64,215,222	.161
April.....	150	57	63	143	85	449	21	31,334	22,381	2,960	197,216	22,342	43,407,359	.171
May.....	164	73	157	168	90	370	22	34,324	28,760	7,366	232,431	23,788	35,727,058	.176
June.....	158	78	168	190	99	528	21	34,230	33,857	7,737	263,027	25,984	50,952,024	.169
July.....	139	72	150	162	81	589	21	29,116	28,100	7,030	224,057	21,357	56,854,758	.172
August.....	157	94	215	180	92	563	22	32,814	36,754	10,096	249,225	24,200	54,332,275	.176
September.....	126	77	186	135	71	459	21	26,288	30,322	8,754	186,562	18,843	44,344,862	.171
October.....														
November.....														
December.....														

<sup>1</sup> India-rubber imports 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; automobile shipments from National Automobile Chamber of Commerce; automobile production from U. S. Department of Commerce, Bureau of the Census.

<sup>2</sup> Represents shipments from factories covering almost the entire automobile production of the United States.

<sup>3</sup> Total of membership of the National Automobile Chamber of Commerce, to which are added reports from outside manufacturers, representing practically complete production. Annual figures represent complete production as compiled by National Automobile Chamber of Commerce.

<sup>4</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## AUTOMOBILE TIRES.

Table 23.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	PNEUMATIC TIRES.			INNER TUBES.			SOLID TIRES.			RAW MATERIAL CONSUMED.	
	Production.	Stocks.	Shipments, domestic.	Production.	Stocks.	Shipments, domestic.	Production.	Stocks.	Shipments, domestic.	Fabrics.	Crude rubber.
	Relative to 1921.										
1921 monthly average...	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>1920.</b>											
November.....	36	140	42	33	134	40	60	129	78	27	37
December.....	28	131	70	23	127	65	46	131	93	25	24
<b>1921.</b>											
January.....	39	126	51	33	122	45	60	132	66	39	37
February.....	45	123	56	41	119	49	66	132	67	44	44
March.....	64	109	85	60	110	72	81	123	100	67	67
April.....	91	107	94	78	108	87	82	117	96	97	96
May.....	116	106	109	98	104	102	99	115	91	117	117
June.....	127	99	139	104	84	141	80	104	113	120	118
July.....	141	92	145	134	68	157	95	95	127	143	132
August.....	167	93	152	196	80	166	158	94	152	166	171
September.....	106	79	107	145	84	115	106	70	114	113	109
October.....	106	84	88	126	104	88	131	71	104	103	109
November.....	97	93	70	94	114	67	123	75	79	95	98
December.....	101	88	104	92	104	110	114	73	90	95	101
<b>1922.</b>											
January.....	113	99	84	104	115	82	114	79	76	115	118
February.....	115	111	82	115	134	74	112	79	84	100	103
March.....	146	123	109	134	153	91	140	79	110	141	149
April.....	132	130	110	117	158	102	132	75	119	129	135
May.....	150	131	138	132	157	128	163	74	138	152	162
June.....	156	120	164	139	135	173	187	74	144	151	221
July.....	136	115	141	136	124	158	202	76	137	144	157
August.....	160	110	159	169	114	184	238	82	158	164	188
September.....	138	109	131	155	113	155	234	87	152	136	157
October.....											
November.....											
December.....											

See footnote on opposite page.

## AUTOMOBILE TIRES.

Table 24.—NUMERICAL DATA.

Based on data from commercial and trade sources.

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

YEAR AND MONTH.	PNEUMATIC TIRES.			INNER TUBES.			SOLID TIRES.			RAW MATERIAL CONSUMED.	
	Production.	Stocks.	Shipments, domestic.	Production.	Stocks.	Shipments, domestic.	Production.	Stocks.	Shipments, domestic.	Fabrics.	Crude rubber.
	Number.									Pounds.	
1921 monthly average...	<b>1,818,314</b>	<b>4,213,384</b>	<b>1,905,616</b>	<b>2,258,517</b>	<b>4,568,067</b>	<b>2,292,287</b>	<b>35,354</b>	<b>230,862</b>	<b>43,960</b>	<b>6,696,317</b>	<b>17,922,039</b>
<b>1920.</b>											
November.....	649,742	5,880,016	806,023	742,815	6,131,935	920,938	21,355	298,875	34,217	1,801,750	6,563,258
December.....	506,111	5,508,380	1,327,153	508,446	5,786,929	1,481,285	16,297	303,473	40,828	1,649,772	4,259,746
<b>1921.</b>											
January.....	703,430	5,319,605	965,417	740,824	5,586,163	1,042,617	21,220	303,753	29,116	2,598,143	6,625,435
February.....	819,892	5,193,018	1,073,756	916,627	5,415,464	1,129,881	23,355	304,374	29,599	2,952,058	7,823,657
March.....	1,163,314	4,597,103	1,614,651	1,346,483	5,044,861	1,643,690	28,710	283,800	43,926	4,474,965	12,075,298
April.....	1,651,418	4,527,445	1,785,951	1,762,122	4,916,772	1,983,571	28,859	269,985	42,080	6,524,668	17,191,149
May.....	2,100,917	4,451,668	2,085,882	2,210,040	4,751,880	2,342,567	35,156	264,633	40,122	7,863,738	21,050,554
June.....	2,313,265	4,154,456	2,643,850	2,359,928	3,835,098	3,232,673	28,395	240,336	49,867	8,044,486	21,207,555
July.....	2,570,524	3,892,037	2,757,581	3,020,981	3,122,815	3,603,248	35,123	220,003	55,678	9,565,128	23,719,637
August.....	3,043,187	3,934,583	2,894,422	4,430,152	3,649,319	3,804,060	55,694	216,367	66,866	11,131,256	30,634,353
September.....	1,929,268	3,340,798	2,047,929	3,274,822	3,827,830	2,645,758	37,441	161,832	50,276	7,580,858	19,476,415
October.....	1,928,271	3,545,030	1,675,169	2,843,918	4,732,016	2,016,371	46,274	163,299	45,911	6,905,681	19,602,312
November.....	1,756,555	3,908,342	1,342,519	2,126,211	5,203,568	1,540,299	43,537	173,451	34,556	6,349,808	17,608,993
December.....	1,839,738	3,696,519	1,980,264	2,070,098	4,731,021	2,522,710	40,478	168,515	39,520	6,365,014	18,049,077
<b>1922.</b>											
January.....	2,055,134	4,174,216	1,596,806	2,343,393	5,246,647	1,889,724	40,224	181,769	33,294	7,706,622	21,180,446
February.....	2,084,308	4,691,329	1,562,365	2,596,774	6,141,956	1,702,583	39,492	183,448	36,805	6,710,973	18,466,916
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	9,431,205	26,771,245
April.....	2,401,187	5,464,336	2,086,651	2,650,573	7,230,096	2,329,343	46,664	173,748	52,309	8,623,915	24,125,450
May.....	2,721,503	5,523,095	2,639,273	2,970,696	7,189,552	2,938,947	57,640	170,904	60,711	10,161,225	29,068,462
June.....	2,838,890	5,042,147	3,133,260	3,130,629	6,186,534	3,973,679	66,059	169,808	63,408	10,119,500	39,654,934
July.....	2,476,636	4,834,106	2,695,095	3,068,199	5,675,839	3,630,744	71,505	176,375	60,425	9,616,542	28,180,511
August.....	2,905,209	4,629,392	3,029,823	3,808,224	5,207,228	4,220,055	84,313	189,698	69,435	11,005,868	33,738,981
September.....	2,504,744	4,612,037	2,502,106	3,501,442	5,164,757	3,558,971	82,767	<b>200,016</b>	667,97	9,131,868	28,051,063
October.....											
November.....											
December.....											

<sup>1</sup> Data furnished by the Rubber Association of America. The number of firms has increased from 36 in November, 1920, to a maximum of 66 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.

## HIDES AND LEATHER—PRODUCTION AND STOCKS.

Table 25.—INDEX NUMBERS.

Based on data from Government and non-Government sources.

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

YEAR AND MONTH.	STOCKS OF HIDES AND SKINS. <sup>1</sup>				SOLE AND BELTING LEATHER. <sup>1</sup>			UPPER LEATHER. <sup>1</sup>			SOLE LEATH-ER.	SKIV-ERS.	OAK AND UNION HAR-NESS. <sup>3</sup>	BOOTS AND SHOES. <sup>7</sup>	SALES OF BELTING. <sup>4</sup>	
	Cattle hides.	Calf and kip skins.	Sheep and lamb skins. <sup>6</sup>	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. <sup>2</sup>			Production.	Quantity.	Value.
											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	107	124			108	99
1919 mo. av. . . . .										<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		<b>100</b>	<b>100</b>
1920 mo. av. . . . .										82	88	102			98	122
1921 mo. av. . . . .	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	79	111	59			42	40
<b>1920.</b>																
September . . . . .	148	103	85	137	78	109	94	86	92	61	73	92	100		97	123
October . . . . .	97	116	104	100	80	105	98	91	85	81	78	97	101		74	95
November . . . . .	105	111	96	105	85	100	86	101	87	76	70	87	77		49	61
December . . . . .	113	103	105	111	91	99	93	101	83	75	72	66	70		44	50
<b>1921.</b>																
January . . . . .	115	137	100	117	96	96	87	101	83	63	63	95	44		44	49
February . . . . .	116	120	95	115	95	100	83	101	85	58	63	93	60		40	44
March . . . . .	114	95	98	110	98	100	99	115	93	84	72	112	74		43	46
April . . . . .	109	100	99	107	98	101	94	99	96	87	76	90	73		41	40
May . . . . .	109	103	101	107	105	100	98	99	99	92	83	96	60		43	42
June . . . . .	105	103	104	105	102	98	102	98	101	108	81	98	60		42	39
July . . . . .	94	97	104	95	102	99	98	99	107	109	76	82	47		46	40
August . . . . .	95	91	106	95	100	98	105	97	106	121	86	143	51		48	42
September . . . . .	89	92	96	90	100	101	100	96	108	116	80	138	52		44	38
October . . . . .	87	91	99	89	101	104	108	98	108	121	86	132	59		42	37
November . . . . .	84	88	101	86	100	104	115	98	107	114	91	117	63	86	37	32
December . . . . .	84	84	96	85	101	99	111	98	107	127	93	134	66	88	35	30
<b>1922.</b>																
January . . . . .	86	82	93	86	103	95	107	100	109	129	88	126	63	91	42	36
February . . . . .	82	78	99	82	106	93	94	102	111	121	78	113	68	90	42	37
March . . . . .	81	79	91	81	103	90	99	106	107	134	78	129	82	108		
April . . . . .	79	80	90	80	103	90	87	113	104	115	71	107	99	99		
May . . . . .	77	86	85	79	102	90	88	107	100	116	70	107	95	98	55	47
June . . . . .	77	92	83	79	99	89	92	103	97	113	72	112	101	93	60	53
July . . . . .	77	92	73	79	96	88	92	102	99	108	74	* 108	* 97	84	69	57
August . . . . .	77	93	86	79	92	88	89	96	101	131	80	131	109	102	83	71
September . . . . .	79	96	80	81	90	88	98	98	100	126	* 79	* 137	* 110	105	67	58
October . . . . .																
November . . . . .																
December . . . . .																

See footnotes on opposite page also.

<sup>1</sup> 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 monthly reports by 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.

<sup>2</sup> 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 index numbers in Table 25 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. The index numbers show the trend of the industries irrespective of the change in the number of firms reporting.



## HIDES AND LEATHER—PRODUCTION AND STOCKS.

Table 26.—NUMERICAL DATA.

From Government and non-Government sources.

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

YEAR AND MONTH.	STOCKS OF HIDES AND SKINS. <sup>1</sup>				SOLE AND BELTING LEATHER. <sup>1</sup>			UPPER LEATHER. <sup>1</sup>			SOLE LEATH-ER.	SKIV-ERS.	OAK AND UNION HAR-NESS. <sup>2</sup>	BOOTS AND SHOES. <sup>7</sup>	SALES OF BELTING. <sup>5</sup>	
	Cattle hides.	Calf and klp skins.	Sheep and lamb skins. <sup>6</sup>	Total hides and skins.	Stocks end of month.	Stocks in process of tan-ning.	Pro-duction of fin-ished leather.	Stocks, end of month.	Stocks, in process of tan-ning.	Pro-duction of fin-ished leather.	Production. <sup>2</sup>			Production.	Quantity.	Value.
											Thousands of pounds.	Thousands of square feet.	Backs, bends, and sides.			
1915 mo. av.															754,274	\$899
1916 mo. av.															846,664	1,171
1917 mo. av.															739,628	1,199
1918 mo. av.											1,653,073	16,039	203,596		767,423	1,354
1919 mo. av.											<b>1,876,285</b>	<b>15,032</b>	<b>95,244</b>	<b>27,549</b>	<b>710,214</b>	<b>1,365</b>
1920 mo. av.											1,535,290	13,274	98,974		694,899	1,632
1921 mo. av.	339,548	58,414	32,985	430,897	193,528	111,217	25,657	423,021	164,216	57,986	1,496,718	16,653	58,481		299,165	546
<b>1920.</b>																
September..	503,880	59,989	28,089	591,958	151,662	121,255	23,995	365,052	150,579	35,132	1,375,763	13,788	95,204		688,194	1,682
October.....	330,624	67,714	34,109	432,447	154,159	117,122	25,080	385,114	139,255	47,022	1,459,073	14,626	96,243		527,219	1,302
November...	357,433	64,707	31,764	453,904	164,597	111,213	21,999	426,726	142,943	43,788	1,315,631	13,034	73,265		349,061	835
December...	384,494	60,145	34,433	479,072	175,874	109,653	23,901	426,733	135,767	43,436	1,353,581	9,896	66,482		310,759	681
<b>1921.</b>																
January.....	389,549	79,942	32,960	502,451	186,531	106,705	22,444	425,942	135,515	36,302	1,190,950	14,234	42,236		309,474	666
February...	393,890	69,880	31,225	494,995	184,707	110,787	21,205	427,508	140,005	33,570	1,177,888	13,987	56,971		285,575	600
March.....	387,759	55,495	32,427	475,681	189,033	111,082	25,502	485,069	152,586	48,955	1,351,140	16,867	70,194		306,146	626
April.....	369,408	58,225	32,481	460,114	191,898	112,321	24,000	419,308	158,224	50,420	1,422,727	13,484	69,922		288,584	552
May.....	369,268	59,909	33,335	462,512	204,137	111,662	25,242	420,712	162,498	53,532	1,561,220	14,499	57,480		308,872	572
June.....	356,950	60,325	34,388	451,663	197,206	109,378	26,122	416,553	166,462	62,448	1,521,521	14,753	57,196		300,169	539
July.....	318,678	56,424	34,405	409,507	197,616	110,070	25,028	417,145	174,941	63,217	1,431,373	12,321	44,971		328,514	548
August.....	322,317	53,276	34,760	410,353	193,670	108,439	26,985	411,505	173,848	70,418	1,607,302	21,430	48,286		340,500	570
September..	301,094	53,821	31,515	386,430	193,043	112,462	25,683	408,038	177,126	67,545	1,507,185	20,683	49,507		311,709	525
October.....	296,429	53,022	32,663	382,114	194,754	116,044	27,693	413,375	177,769	69,901	1,618,519	19,896	55,879		299,867	501
November...	285,263	51,562	33,410	370,235	193,841	115,422	29,544	415,304	175,566	65,966	1,705,161	17,533	60,002	23,593	262,820	439
December...	283,969	49,083	31,654	364,706	195,897	110,226	28,431	415,790	176,051	73,557	1,745,625	20,149	62,551	24,242	247,748	415
<b>1922.</b>																
January.....	290,331	48,005	30,703	369,039	199,324	105,712	27,486	422,318	179,574	74,563	1,654,744	18,950	59,815	25,173	295,482	497
February...	277,160	45,362	32,612	355,134	204,471	103,311	24,200	431,704	181,885	70,296	1,466,165	17,021	65,067	24,900	300,291	501
March.....	274,082	46,416	29,852	350,350	200,072	99,594	25,275	449,915	175,300	77,510	1,472,528	19,451	78,100	29,686		
April.....	269,828	46,858	29,591	346,277	199,177	100,258	22,416	477,709	170,179	66,700	1,327,037	16,065	94,598	27,194		
May.....	261,935	50,187	27,855	339,977	196,639	99,609	22,576	452,651	164,434	67,275	1,320,635	16,099	90,813	26,902	388,686	636
June.....	260,278	53,721	27,428	341,427	192,151	99,295	23,640	437,151	159,699	65,570	1,358,973	16,815	95,953	25,559	424,377	721
July.....	261,069	53,828	24,155	339,052	185,927	97,549	23,554	432,185	162,337	62,807	1,397,594	25,239	115,561	23,045	487,469	780
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	28,077	590,618	967
September..	267,232	58,229	26,187	349,648	174,682	97,555	25,266	413,250	164,191	73,170	1,491,498	31,934	131,265	28,961	475,380	797
October.....																
November...																
December...																

See footnotes on opposite page also.

<sup>1</sup> Beginning December, 1919, these statistics cover amount of harness leather "stuffed" rather than that produced, but it is stated that the variation between these items is small.

<sup>2</sup> Includes estimated production of firms outside *Tanners' Council*.

<sup>3</sup> Data from the *Leather Belting Exchange*, and is estimated to represent from 65 to 75 per cent of the industry.

<sup>4</sup> Includes skins with and without wool, but does not include weight of wool.

<sup>5</sup> Compiled by *U. S. Department of Commerce, Bureau of the Census*, from over 1,000 firms each month. Figures for 1919 are those reported by the *Census of Manufactures* for that year.

<sup>6</sup> Preliminary figures.

## HIDES AND LEATHER—TRADE AND PRICES.

Table 27.—INDEX NUMBERS.

Based on data from Government sources.

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

YEAR AND MONTH.	EXPORTS OF LEATHER. <sup>1</sup>			IMPORTS OF HIDES AND SKINS. <sup>1</sup>					WHOLESALE PRICES. <sup>2</sup>						
	Sole.	Upper. <sup>3</sup>	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, hemlock, middle No. 1 (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 1909-1913 average. <sup>4</sup>					Relative to 1913.							
1909-1913, monthly av.				<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>							
1913 monthly average	<b>100</b>	<b>100</b>	<b>100</b>	97	94	97	91	107	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly average	166	77	98	108	82	134	55	104	107	111	107	104	102	104	100
1915 monthly average	259	101	168	126	60	178	81	118	132	114	110	106	105	106	100
1916 monthly average	289	120	193	141	77	176	106	160	142	179	138	167	119	127	115
1917 monthly average	140	70	147	123	36	161	90	132	178	215	190	215	153	180	150
1918 monthly average	86	44	131	70	11	96	63	83	164	197	172	222	181	178	146
1919 monthly average	392	192	211	145	79	177	136	134	214	363	187	360	244	245	220
1920 monthly average	72	82	167	99	43	120	82	130	170	195	189	366	288	257	255
1921 monthly average	46	40	89	68	59	78	64	72	76	79	127	193	225	195	169
<b>1920.</b>															
September	59	60	123	76	26	120	27	79	154	121	181	297	292	237	228
October	45	63	162	77	42	114	16	105	139	98	174	278	255	237	228
November	20	42	138	47	17	53	34	80	126	90	167	232	249	185	183
December	41	55	163	50	20	84	17	39	103	75	145	213	249	185	183
<b>1921.</b>															
January	111	40	132	51	24	77	25	39	91	81	142	195	233	185	183
February	34	28	139	50	33	73	24	49	74	71	135	195	233	185	167
March	20	25	134	47	42	68	16	43	63	66	131	195	233	185	183
April	32	35	146	52	51	61	33	74	55	72	131	195	225	158	167
May	17	18	64	78	79	91	46	115	65	90	131	195	225	158	167
June	29	35	56	103	97	112	113	104	76	82	128	195	225	158	167
July	23	49	74	80	66	105	74	59	76	81	124	195	225	158	167
August	33	36	129	89	86	81	123	107	76	86	121	195	225	158	167
September	33	43	50	77	82	75	83	61	77	85	121	195	225	158	167
October	80	42	38	61	52	58	97	55	80	82	121	194	217	153	158
November	90	66	36	59	35	62	67	84	86	77	121	186	217	153	158
December	50	66	67	65	57	70	70	76	90	74	121	186	217	153	158
<b>1922.</b>															
January	38	50	38	65	33	83	67	61	90	73	121	173	217	153	158
February	40	63	46	82	44	122	68	43	87	73	124	173	217	153	158
March	55	91	54	71	29	78	84	85	76	72	124	158	213	153	158
April	41	74	55	75	25	85	106	71	73	69	124	154	209	145	140
May	94	90	61	89	39	104	88	121	79	71	124	154	209	145	138
June	71	91	54	105	63	138	92	100	91	81	128	158	209	145	138
July	85	76	46	93	53	125	59	28	99	99	124	161	209	145	138
August	41	73	52	140	91	194	68	167	109	97	124	161	209	145	138
September	33	73	50	<sup>5</sup> 118	<sup>5</sup> 98	<sup>5</sup> 158	<sup>5</sup> 53	<sup>5</sup> 135	116	97	124	173	205	152	141
October															
November															
December															

See footnotes on opposite page.

## HIDES AND LEATHER—TRADE AND PRICES.

Table 28.—NUMERICAL DATA.

From Government sources.

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

YEAR AND MONTH.	EXPORTS OF LEATHER. <sup>1</sup>			IMPORTS OF HIDES AND SKINS. <sup>1</sup>					WHOLESALE PRICES. <sup>2</sup>								
	Sole.	Upper. <sup>3</sup>	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 hemlock, middle, No. 1 (Boston).	Chrome calf, "B" grades (Boston).	Men's black calf, Bucher (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.					
1909-1913, monthly av.				<b>42,854</b>	<b>6,815</b>	<b>19,160</b>	<b>8,199</b>	<b>5,289</b>									
1913 monthly average.	<b>2,605</b>	<b>8,845</b>	<b>842</b>	41,490	6,372	18,629	7,473	5,684	<b>0.184</b>	<b>0.189</b>	<b>0.282</b>	<b>0.270</b>	<b>3.11</b>	<b>3.17</b>	<b>3.00</b>		
1914 monthly average.	4,319	6,834	827	46,350	5,576	25,671	6,321	5,495	.196	.210	.302	.280	3.17	3.28	3.00		
1915 monthly average.	6,751	8,967	1,412	53,856	4,076	34,053	6,607	6,257	.242	.215	.309	.285	3.25	3.35	3.00		
1916 monthly average.	7,540	10,623	1,623	60,526	5,221	33,683	8,686	8,461	.262	.338	.388	.450	3.71	4.01	3.44		
1917 monthly average.	3,657	6,175	1,237	52,589	2,465	30,890	7,409	6,999	.327	.406	.535	.579	4.75	5.68	4.50		
1918 monthly average.	2,229	3,908	1,100	30,158	758	18,421	5,197	4,372	.301	.371	.484	.598	5.63	5.65	4.38		
1919 monthly average.	10,222	17,023	1,780	62,070	5,380	33,940	11,138	7,086	.393	.685	.528	.970	7.60	7.77	6.60		
1920 monthly average.	1,869	7,288	1,403	42,499	2,928	22,922	6,684	6,896	.312	.368	.534	.985	8.95	8.14	7.66		
1921 monthly average.	1,198	3,559	747	29,003	3,995	15,015	5,260	3,822	.139	.149	.358	.521	7.00	5.18	5.06		
<b>1920.</b>																	
September.....	1,542	5,331	1,037	32,679	1,791	23,062	2,200	4,181	.284	.229	.510	.800	9.10	7.50	6.85		
October.....	1,168	5,552	1,361	32,901	2,877	21,792	1,274	5,536	.255	.184	.490	.750	7.94	7.50	6.85		
November.....	529	3,696	1,161	20,065	1,171	10,160	2,810	4,257	.233	.169	.470	.625	7.75	5.85	5.50		
December.....	1,079	4,823	1,370	21,575	1,377	16,021	1,355	2,080	.190	.141	.410	.575	7.75	5.85	5.50		
<b>1921.</b>																	
January.....	2,903	3,508	1,114	21,961	1,645	14,699	2,027	2,073	.168	.153	.400	.525	7.25	5.85	5.00		
February.....	873	2,501	1,169	21,519	2,265	13,947	1,989	2,606	.136	.134	.380	.525	7.25	5.85	5.00		
March.....	527	2,209	1,125	20,185	2,881	12,935	1,305	2,276	.115	.125	.370	.525	7.25	5.85	5.50		
April.....	822	3,108	1,231	22,464	3,503	11,679	2,714	3,909	.101	.136	.370	.525	7.00	5.00	5.00		
May.....	455	1,574	538	33,505	5,383	17,343	3,762	6,108	.119	.169	.370	.525	7.00	5.00	5.00		
June.....	765	3,137	471	44,050	6,589	21,496	9,241	5,522	.140	.156	.360	.525	7.00	5.00	5.00		
July.....	598	4,310	624	34,378	4,501	20,066	6,063	3,110	.139	.153	.350	.525	7.00	5.00	5.00		
August.....	849	3,142	1,088	38,090	5,882	15,475	10,078	5,674	.140	.162	.340	.525	7.00	5.00	5.00		
September.....	858	3,822	417	32,806	5,427	16,327	6,772	3,222	.141	.160	.340	.525	7.00	5.00	5.00		
October.....	2,072	3,682	321	26,243	3,544	11,064	7,949	2,898	.148	.155	.340	.525	6.75	4.85	4.75		
November.....	2,347	5,874	301	25,149	2,411	11,816	5,468	4,440	.158	.145	.340	.500	6.75	4.85	4.75		
December.....	1,311	5,843	560	27,686	3,907	13,337	5,757	4,031	.165	.140	.340	.500	6.75	4.85	4.75		
<b>1922.</b>																	
January.....	986	4,403	322	27,833	2,272	15,934	5,530	3,213	.165	.138	.340	.465	6.75	4.85	4.75		
February.....	1,036	5,595	390	35,190	3,013	23,286	5,563	2,294	.160	.138	.350	.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	.350	.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	.350	.415	6.50	4.60	4.19		
May.....	2,450	7,981	515	38,118	2,624	19,907	7,228	6,375	.146	.134	.350	.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	.360	.425	6.50	4.60	4.15		
July.....	2,210	6,731	389	39,742	3,616	23,960	4,801	1,465	.182	.186	.350	.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	.350	.435	6.50	4.60	4.15		
September.....	858	6,438	421	<sup>5</sup> 50,587	<sup>5</sup> 6,689	<sup>5</sup> 30,220	<sup>5</sup> 4,369	<sup>5</sup> 7,144	.213	.183	.350	.465	6.40	48.1	4.23		
October.....																	
November.....																	
December.....																	

<sup>1</sup> Data from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.<sup>2</sup> Data from U. S. Department of Labor, Bureau of Labor Statistics, represent average monthly prices.<sup>3</sup> Includes calf and kip, goat and kid, grain and finished splits.<sup>4</sup> Represents five-year (1909-1913) monthly average imports for total hides and skins, total goatskins and total sheepskins. Calfskins and cattle hides based on four-year average, 1910-1915.<sup>5</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## NEWSPRINT PAPER.

Table 29.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	PRODUCTION.	SHIPMENTS.	IMPORTS. <sup>2</sup>	EXPORTS.	STOCKS, END OF MONTH.					CONSUMPTION BY PUBLISHERS.	PRICES.			PRINTING.				
					Total.	At mills.	Jobbers.	Publishers. <sup>3</sup>	In transit to publishers. <sup>3</sup>		Contract, domestic.	Contract, Canadian.	Spot market, domestic.	Activity. <sup>4</sup>	Paper purchases. <sup>5</sup>		Sales. <sup>5</sup> (value).	
	Relative to 1919.	Relative to 1913.	Relative to 1919.					Rel. to Sept., 1920.	Relative to 1918.		Quantity.	Value.	(value).					
1913 monthly av.....			<b>100</b>	<b>100</b>														
1914 monthly av.....			144	141														
1915 monthly av.....			168	128														
1916 monthly av.....			213	178		<sup>6</sup> 163												
1917 monthly av.....	99	99	254	217		<sup>6</sup> 133		<sup>6</sup> 80										
1918 monthly av.....	92	92	271	224		100		99	100	78								
1919 monthly av.....	<b>100</b>	<b>100</b>	286	255	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		<b>100</b>	<b>100</b>	<b>100</b>	
1920 monthly av.....	110	109	332	106	99	97	77	93	127	105	137	135	213		121	174	185	
1921 monthly av.....	89	89	360	39	111	125	74	122	69	104	136	141	118	78	85	89	151	
<b>1920.</b>																		
September.....	106	105	357	87	117	103	95	122	113	102	149	145	228	<b>100</b>	119	180	194	
October.....	109	110	319	65	113	94	97	119	105	114	156	146	218	109	117	184	186	
November.....	107	109	334	154	113	85	102	122	101	110	156	152	213	98	102	160	180	
December.....	109	105	446	91	119	103	109	128	93	111	160	158	183	105	90	141	184	
<b>1921.</b>																		
January.....	108	101	379	69	122	135	107	130	85	100	163	175	162	82	75	113	180	
February.....	90	84	321	70	125	164	96	133	78	95	159	177	146	75	71	90	162	
March.....	94	91	365	30	127	175	81	137	71	109	158	177	131	82	75	95	162	
April.....	101	106	354	35	125	147	78	138	73	104	145	151	121	75	79	92	152	
May.....	69	72	241	51	111	130	72	125	58	107	141	151	118	57	67	77	141	
June.....	76	80	252	17	99	111	65	107	69	105	140	146	120	62	76	77	148	
July.....	82	83	361	30	98	107	63	109	61	98	128	132	117	75	81	78	132	
August.....	89	88	405	35	107	113	60	120	62	93	128	131	120	84	86	83	150	
September.....	86	83	393	31	109	126	60	121	61	99	131	120	98	80	92	82	151	
October.....	89	95	413	20	105	96	63	116	77	113	113	111	95	84	111	98	146	
November.....	91	91	407	35	102	97	73	115	64	111	113	110	97	88	105	92	139	
December.....	94	93	435	44	99	100	76	109	67	115	110	110	85	93	105	93	149	
<b>1922.</b>																		
January.....	92	90	450	70	98	111	69	105	71	110	101	95	86	90	96	86	150	
February.....	85	84	450	23	102	116	68	112	66	105	98	95	83	85	104	91	133	
March.....	103	102	426	78	100	118	68	108	67	119	97	95	84	91	116	103	175	
April.....	98	100	422	93	93	104	65	98	74	124	96	96	83	88	101	89	139	
May.....	113	113	444	72	95	104	63	97	87	123	95	96	83	95	116	102	157	
June.....	111	112	460	81	99	98	60	107	75	118	96	96	81	88	109	96	137	
July.....	105	107	439	59	101	88	59	110	83	112	95	95	83	76	116	102	132	
August.....	116	117	446	54	114	83	65	125	100	111	95	96	85	87	123	109	145	
September.....	109	110	363	64	114	79	72	125	103	122	94	96	85					
October.....																		
November.....																		
December.....																		

See footnotes on opposite page.

## NEWSPRINT PAPER.

Table 30.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	PRO- DUC- TION.	SHIP- MENTS.	IM- PORTS. <sup>2</sup>	EX- PORTS	STOCKS, END OF MONTH.					CON- SUMP- TION BY PUB- LISH- ERS.	PRICES.		
					Total.	At mills.	Job- bers.	Pub- lishers. <sup>3</sup>	In tran- sit to pub- lishers. <sup>3</sup>		Con- tract, domes- tic.	Con- tract, Cana- dian.	Spot market, domes- tic.
					Short tons.						Per 100-pound roll.		
1913 monthly average			18,320	3,601									
1914 monthly average			26,290	5,066									
1915 monthly average			30,701	4,597									
1916 monthly average			39,019	6,395		638,998							
1917 monthly average	113,251	113,858	46,593	7,822		631,713		6124,789					
1918 monthly average	105,024	106,049	49,689	8,062		24,035		154,952	41,155	110,248			
1919 monthly average	<b>114,543</b>	<b>114,880</b>	52,311	9,139	<b>228,761</b>	<b>23,929</b>	<b>8,664</b>	<b>155,185</b>	<b>40,983</b>	<b>142,091</b>	<b>\$3.721</b>	<b>\$3.651</b>	<b>\$4.290</b>
1920 monthly average	125,997	125,215	60,822	3,822	226,743	23,324	6,701	144,712	52,006	148,760	5.107	4.922	9.143
1921 monthly average	102,182	102,252	66,040	1,403	253,399	29,940	6,451	188,797	28,211	147,957	5.054	5.142	5.042
<b>1920.</b>													
September	121,005	121,123	65,411	3,154	267,785	24,593	8,193	188,781	46,218	144,224	5.531	5.308	9.800
October	124,818	126,815	58,389	2,352	258,078	22,596	8,428	184,135	42,919	162,385	5.790	5.343	9.362
November	122,993	125,323	61,248	5,544	259,479	20,266	8,865	188,799	41,549	155,724	5.792	5.541	9.148
December	124,857	120,360	81,789	3,290	271,098	24,763	9,478	198,927	37,930	157,991	5.969	5.770	7.854
<b>1921.</b>													
January	123,830	116,176	69,448	2,472	276,508	32,417	9,234	201,952	34,905	141,559	6.076	6.385	6.945
February	103,040	96,281	58,893	2,530	286,023	39,176	8,294	206,640	31,913	135,334	5.921	6.458	6.279
March	107,532	104,919	66,791	1,096	289,914	41,789	7,060	211,856	29,209	154,278	5.862	6.480	5.623
April	115,408	122,091	64,778	1,278	285,780	35,106	6,773	214,049	29,852	148,427	5.409	5.507	5.206
May	78,868	82,776	44,238	1,854	254,636	31,198	6,198	193,436	23,804	152,278	5.248	5.497	5.056
June	86,770	91,339	46,220	601	226,623	26,629	5,620	166,174	28,200	148,604	5.227	5.322	5.129
July	94,247	95,357	66,118	1,066	225,118	25,519	5,495	169,124	24,980	139,121	4.770	4.824	5.013
August	102,277	100,668	74,211	1,261	244,476	27,128	5,157	186,927	25,264	132,808	4.762	4.758	5.160
September	98,898	95,785	72,004	1,117	248,461	30,241	5,229	187,872	25,119	140,758	4.886	4.388	4.185
October	101,884	109,110	75,598	704	239,751	23,015	5,460	179,765	31,511	160,563	4.188	4.069	4.070
November	104,604	104,492	74,544	1,256	234,258	23,127	6,333	178,449	26,349	158,193	4.194	4.002	4.170
December	107,877	107,070	79,637	1,599	227,235	23,934	6,560	169,319	27,422	163,560	4.102	4.018	3.666
<b>1922.</b>													
January	105,808	103,192	82,482	2,537	224,959	26,550	5,993	163,496	28,920	156,333	3.756	3.484	3.685
February	97,786	96,521	82,390	836	234,294	27,815	5,884	173,512	27,083	149,862	3.629	3.479	3.581
March	117,507	117,142	78,031	2,791	228,994	28,180	5,910	167,498	27,406	169,574	3.615	3.482	3.601
April	111,861	115,167	77,369	3,345	212,427	24,874	5,668	151,643	30,242	176,801	3.570	3.497	3.548
May	129,950	130,043	81,352	2,576	216,438	24,781	5,438	150,443	35,776	174,670	3.541	3.501	3.548
June	127,230	128,644	84,337	2,903	225,632	23,367	5,234	166,385	30,646	168,207	3.574	3.492	3.475
July	120,839	123,050	80,337	2,139	231,833	21,156	5,150	171,410	34,117	159,496	3.540	3.476	3.551
August	133,236	134,490	81,780	1,940	260,111	19,902	5,642	193,623	40,944	157,655	3.522	3.500	3.643
September	125,402	126,494	76,570	2,299	260,923	18,810	6,255	193,812	42,046	172,802	3.504	3.510	3.660
October													
November													
December													

<sup>1</sup> Except printing activity from *United Typothetae of America* and printing purchases and sales from *American Writing Paper Company*. Other data from the *Federal Trade Commission*, except imports and exports from the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*.

<sup>2</sup> 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. 24, 1920, to date not above 8 cents per pound.

<sup>3</sup> Reported by about 660 of the principal publishers.

<sup>4</sup> Printing activity based on productive hours reported by plants in 52 cities in 30 states, each department being weighted for the combined index number.

<sup>5</sup> Purchases of printing paper and sales of printed product by about 350 concerns, doing from 20 to 25 per cent of the total commercial printing business of the country. As the paper industry was abnormal in 1919, index numbers based on that year are not regarded as true indices; therefore 1918 was taken as a base.

<sup>6</sup> Stocks on hand end of year.

<sup>7</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## PAPER AND PAPER BOXES.

Table 31.—INDEX NUMBERS.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	PAPER.											PAPER BOXES.	
	Book.		Paperboard.		Wrapping.		Fine.		Total, all grades.			Corrugated board. <sup>3</sup>	Solid fiber board. <sup>4</sup>
	Pro-duction.	Stocks.	Pro-duction.	Stocks.	Pro-duction.	Stocks.	Pro-duction.	Stocks.	Pro-duction.	Stocks.	Exports (total printing).	Production.	
	Relative to 1919.												
1917 monthly average.....	98	<sup>5</sup> 116	93	<sup>5</sup> 78	105	<sup>5</sup> 98	84	<sup>5</sup> 88	96	<sup>5</sup> 100	76	.....	.....
1918 monthly average.....	93	<sup>5</sup> 90	99	<sup>5</sup> 85	103	<sup>5</sup> 74	107	<sup>5</sup> 94	98	<sup>5</sup> 84	78	.....	.....
1919 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<sup>2</sup> <b>100</b>	<sup>2</sup> <b>100</b>
1920 monthly average.....	121	75	119	79	120	48	113	79	118	76	50	104	104
1921 monthly average.....	79	115	85	117	94	101	71	101	87	114	20	65	89
<b>1920.</b>													
September.....	123	67	135	70	123	36	119	77	125	69	40	114	116
October.....	123	66	121	78	126	38	121	79	121	73	38	116	95
November.....	117	78	82	90	114	47	109	82	100	81	68	70	37
December.....	100	79	65	98	94	65	95	82	86	90	60	36	18
<b>1921.</b>													
January.....	84	91	65	108	77	83	79	94	82	104	53	30	47
February.....	74	106	76	112	80	94	67	101	79	114	42	41	53
March.....	78	119	86	124	86	105	67	107	85	124	21	48	75
April.....	67	121	79	130	89	107	55	109	82	123	17	53	93
May.....	69	125	76	125	92	109	61	112	74	122	19	53	89
June.....	71	127	80	125	87	112	61	111	78	121	11	54	98
July.....	64	119	69	119	78	113	57	108	72	117	12	49	89
August.....	78	111	85	116	97	115	66	103	86	115	18	70	106
September.....	82	112	99	108	102	103	72	98	93	110	13	78	94
October.....	95	102	112	105	112	96	86	92	105	102	9	106	125
November.....	96	117	106	110	114	92	86	91	104	104	12	100	117
December.....	93	122	92	116	112	89	90	92	99	106	15	82	83
<b>1922.</b>													
January.....	96	122	89	115	114	100	96	96	98	111	20	75	90
February.....	91	124	95	118	107	108	93	97	97	115	10	84	100
March.....	102	121	118	132	121	119	102	95	115	121	23	96	116
April.....	92	118	101	128	106	125	96	97	102	119	29	109	109
May.....	108	125	109	121	124	130	105	100	114	120	25	113	87
June.....	110	131	113	123	118	130	109	105	115	123	30	116	95
July.....	98	122	102	118	113	127	97	102	107	117	24	120	114
August.....	115	118	120	110	128	114	115	103	123	111	21	132	134
September.....	115	116	122	106	122	100	110	68	121	104	23	142	122
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page.

## PAPER AND PAPER BOXES.

Table 32.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	PAPER.											PAPER BOXES.					
	Book.		Paperboard.		Wrapping.		Fine.		Total, all grades.			Corrugated board. <sup>2</sup>			Solid fiber board. <sup>4</sup>		
	Pro-duction.	Stocks	Pro-duction.	Stocks	Pro-duction.	Stocks	Pro-duction.	Stocks	Pro-duction.	Stocks	Ex-ports (total printing).	Oper-ating time.	Production.		Oper-ating time.	Production.	
													Con-tainer Club.	Nat'l Ass'n Box Mfrs.		Con-tainer Club.	Nat'l Ass'n Box Mfrs.
	Short tons.											Per ct. of normal.	Thousands of square feet.	Per ct. of normal.	Thousands of square feet.		
1917 mo. average....	74,357	36,845	150,382	42,411	60,626	53,551	24,030	32,500	493,304	238,113	11,799						
1918 mo. average....	70,763	28,431	160,582	46,196	59,500	40,499	30,668	34,576	504,294	199,860	12,198						
1919 mo. average....	<b>76,235</b>	<b>31,643</b>	<b>162,503</b>	<b>54,380</b>	<b>57,851</b>	<b>54,702</b>	<b>28,647</b>	<b>36,845</b>	<b>515,863</b>	<b>238,999</b>	<b>15,580</b>	<b>92</b>	<b>106,634</b>	<b>96</b>	<b>50,858</b>		
1920 mo. average....	92,039	23,719	192,787	42,908	69,324	26,097	32,444	29,268	611,218	181,910	7,828	79	111,168	81	53,045		
1921 mo. average....	60,499	36,234	138,744	63,365	54,300	55,465	20,207	37,347	446,360	271,395	3,079	45	68,949	65	45,313		
<b>1920.</b>																	
September.....	94,142	21,124	218,743	38,249	70,917	19,570	34,207	28,400	643,018	165,346	6,238	85	121,705	88	58,777		
October.....	93,849	20,826	196,604	42,222	73,100	20,700	34,526	28,968	621,964	173,980	5,881	77	124,460	69	48,554		
November.....	89,564	24,563	133,818	48,968	65,920	25,586	31,208	30,185	518,144	192,843	10,562	53	75,002	36	18,773		
December.....	76,093	25,005	105,227	53,104	54,308	35,800	27,233	30,312	445,539	214,396	9,273	37	38,403	22	9,374		
<b>1921.</b>																	
January.....	64,382	28,880	105,806	53,479	44,620	45,241	22,756	34,748	420,468	248,941	8,185	27	32,273	34	24,129		
February.....	56,687	33,587	123,832	60,723	46,352	51,276	19,242	37,397	407,966	273,228	6,551	34	44,031	44	27,171		
March.....	59,832	37,721	139,723	67,394	49,879	57,536	19,058	39,355	440,777	297,337	3,341	35	51,050	53	38,281		
April.....	51,380	38,255	128,186	70,780	51,713	58,622	15,631	40,083	422,012	293,765	2,587	38	56,716	60	47,391		
May.....	52,642	39,639	122,801	67,979	53,084	59,503	17,485	41,143	383,995	291,089	2,894	38	56,438	60	45,071		
June.....	53,934	40,253	130,177	68,097	50,332	61,139	17,511	40,808	403,657	288,787	1,678	39	57,798	67	49,720		
July.....	48,527	37,569	112,265	64,720	45,090	61,710	16,327	39,885	370,429	279,544	1,902	41	62,278	71	45,078		
August.....	59,711	35,160	138,530	63,276	56,167	62,811	18,833	37,903	442,519	274,009	2,756	47	75,003	81	53,911		
September.....	62,416	35,586	160,207	58,962	59,095	56,313	20,555	35,994	477,926	262,807	1,948	54	83,548	81	47,361		
October.....	72,139	32,343	181,775	57,169	64,518	52,378	24,635	33,957	542,408	244,657	1,441	64	113,574	89	63,719		
November.....	73,544	37,060	172,582	59,780	65,905	50,205	24,609	33,389	535,876	248,927	1,822	65	106,983	84	59,510	8,321	
December.....	70,798	38,757	149,047	63,018	64,850	48,848	25,843	34,000	508,284	253,644	2,343	53	87,692	58	42,146	5,050	
<b>1922.</b>																	
January.....	73,466	38,463	145,198	62,713	65,791	54,506	27,405	35,331	506,195	264,971	3,421	48	80,567	28,208	64	45,847	10,494
February.....	69,408	39,334	153,704	63,908	62,035	59,251	26,663	35,804	501,817	274,738	1,513	55	89,893	31,064	69	50,606	11,130
March.....	77,889	38,367	192,308	71,986	70,141	64,931	29,346	35,123	593,860	289,523	3,665	57	102,898	38,015	78	58,833	16,670
April.....	70,507	37,367	164,327	69,756	61,562	68,401	27,420	35,806	528,461	284,862	4,512	60	116,198	34,916	76	55,625	14,659
May.....	82,574	39,491	176,790	65,702	71,494	70,906	30,129	36,985	589,971	285,729	3,893	64	120,972	41,156	74	44,154	8,809
June.....	83,517	41,456	183,759	67,079	68,371	71,259	31,291	38,674	593,335	293,066	4,611	64	123,501	43,855	78	48,328	12,039
July.....	74,435	38,520	165,551	64,033	65,481	69,368	27,767	37,621	552,914	280,660	3,672	65	128,604	72,698	87	57,749	12,084
August.....	87,922	37,473	195,115	59,627	74,315	62,444	33,081	37,889	635,107	264,480	3,288	72	141,097	115,582	96	68,172	34,406
September.....	87,782	36,717	198,248	57,899	70,329	54,843	31,576	36,213	623,088	249,516	3,624	78	151,156	113,749	88	61,841	35,381
October.....																	
November.....																	
December.....																	

<sup>1</sup> Data on production and stocks of paper at mills from Federal Trade Commission; exports from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce (1913 monthly average=4,772 tons); paper boxes from The Container Club and National Association of Corrugated and Fibre Box Manufacturers.

<sup>2</sup> Average of last six months of year.

<sup>3</sup> Per cent of normal operating time and left-hand production column represent 17 and 16 identical firms, respectively, as reported by The Container Club, except that, for the first three of the six months of 1919 reported, two companies are omitted which do not appreciably effect the total. The figures in the right-hand production column are from 17 identical firms as reported by the National Association of Corrugated and Fibre Box Manufacturers. No index numbers have been calculated on these latter figures or on the per cent of operating time.

<sup>4</sup> Per cent of normal operating time and left-hand production column reported by The Container Club from six or seven firms. The right-hand figures are from the National Association of Corrugated and Fibre Box Manufacturers, comprising three firms, except November, 1921, when four firms reported, and December, 1921, when two firms reported. No index numbers have been calculated on these latter figures or on the per cent of operating time.

<sup>5</sup> Stocks at end of year.

## OTHER PAPER PRODUCTS.

Table 33.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	FOLDING PAPER BOXES.		LABELS.		ROPE PAPER SACKS.	FOLDING PAPER BOXES.		LABELS.	
	Production.	New orders.	Production.	New orders.	Shipments.	Production.	New orders.	Production.	New orders.
	Relative to 1921.				Relative to average. <sup>2</sup>	Per cent of capacity.			
	A.—INDEX NUMBERS.					B.—NUMERICAL DATA.			
1921 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>45.9</b>	<b>47.9</b>	<b>39.0</b>	<b>44.2</b>
<b>1921.</b>									
January.....	46	30	45	26	.....	21.0	14.5	17.7	11.4
February.....	85	79	63	64	.....	39.0	37.8	24.5	28.5
March.....	90	97	85	101	.....	41.4	46.4	33.3	44.5
April.....	96	70	77	52	.....	44.2	33.6	30.2	23.2
May.....	89	88	87	102	.....	40.7	42.1	33.9	45.2
June.....	85	110	103	114	.....	39.2	52.8	40.0	50.5
July.....	88	97	91	145	67	40.6	46.7	35.3	64.0
August.....	110	111	138	126	87	50.3	53.4	53.8	55.7
September.....	107	137	146	139	133	48.9	65.4	57.0	61.4
October.....	145	138	128	153	123	66.4	65.9	49.9	76.4
November.....	123	132	122	79	111	56.3	63.0	47.6	34.9
December.....	136	110	115	79	90	62.3	52.9	44.9	34.7
<b>1922.</b>									
January.....	100	100	108	183	71	45.9	47.8	42.3	80.7
February.....	118	143	131	139	91	54.3	68.5	51.0	61.6
March.....	146	148	162	207	114	67.0	70.7	63.3	91.7
April.....	151	134	182	192	96	69.5	64.2	71.0	85.0
May.....	151	186	195	186	103	69.4	89.1	75.9	82.0
June.....	156	168	163	243	114	71.6	80.3	63.6	107.2
July.....	155	180	176	203	116	71.1	86.1	68.7	89.7
August.....	175	151	253	213	127	80.3	72.4	98.6	94.1
September.....	161	138	230	154	123	74.1	66.2	89.6	68.0
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> 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 75 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.

<sup>2</sup> Twelve months' average, July, 1921, to June, 1922. Numerical data not furnished by the association.



## WOOD PULP.

Table 34.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	MECHANICAL.				CHEMICAL.				MECHANICAL.				CHEMICAL.															
	Pro-duction.	Con-sump-tion and ship-ments.	Stocks at end of mo.	Im-ports. <sup>2</sup>	Pro-duction.	Con-sump-tion and ship-ments.	Stocks at end of mo.	Im-ports. <sup>2</sup>	Pro-duction.	Con-sump-tion and ship-ments.	Stocks at end of month.	Im-ports. <sup>2</sup>	Pro-duction.	Con-sump-tion and ship-ments.	Stocks at end of mo.	Im-ports. <sup>2</sup>												
	Relative to 1919.			Rel. to 5-yr. av.	Relative to 1919.			Rel. to 5-yr. av.	Short tons.																			
A.—INDEX NUMBERS.									B.—NUMERICAL DATA.																			
1909-1913 mo. av.				<b>100</b>				<b>100</b>									<b>16,463</b>											<b>25,521</b>
1913 mo. av.				85				122									13,991											31,130
1914 mo. av.	88			110	80			150	106,824							18,105	129,325											38,091
1915 mo. av.				88				128								14,504												32,861
1916 mo. av.	104		<sup>3</sup> 73	132	100		48	138	125,678			<sup>3</sup> 112.145			21,877	160,572									<sup>3</sup> 25,855			35,100
1917 mo. av.	100	98	<sup>3</sup> 94	141	99	98	83	130	120,589	117,804	<sup>3</sup> 145,567	23,257	159,375	157,797	<sup>3</sup> 44,799	33,230											33,230	
1918 mo. av.	90	91	<sup>3</sup> 86	93	98	99	63	128	108,617	109,817	<sup>3</sup> 131,170	15,456	158,008	158,930	<sup>3</sup> 33,671	32,728											32,728	
1919 mo. av.	<b>100</b>	<b>100</b>	<b>100</b>	102	<b>100</b>	<b>100</b>	<b>100</b>	141	<b>120,817</b>	<b>120,660</b>	<b>154,251</b>	16,855	<b>161,247</b>	<b>160,375</b>	<b>53,725</b>	36,147											36,147	
1920 mo. av.	109	110	78	117	117	116	63	220	131,525	132,308	120,079	19,375	188,156	185,536	33,720	56,153											56,153	
1921 mo. av.	87	88	108	97	79	79	99	174	105,668	106,214	166,880	16,000	127,744	127,467	53,409	44,457											44,457	
<b>1920.</b>																												
September.	87	104	60	163	117	118	53	292	104,975	125,651	92,823	26,812	188,938	188,933	28,515	74,614											74,614	
October.	104	103	61	105	138	118	64	290	125,518	124,191	94,150	17,212	222,874	188,362	34,312	73,923											73,923	
November.	115	104	70	117	116	114	72	218	139,535	125,156	108,529	19,243	186,506	182,379	38,439	55,752											55,752	
December.	121	104	84	135	97	94	80	208	146,718	125,621	129,626	22,299	155,809	151,225	43,023	53,007											53,007	
<b>1921.</b>																												
January.	117	102	95	86	83	77	100	139	140,999	123,661	146,964	14,076	134,354	123,524	53,853	35,478											35,478	
February.	98	90	101	13	78	74	113	61	117,884	108,857	155,997	3,275	125,913	119,157	60,609	15,682											15,682	
March.	118	97	118	16	74	75	113	69	142,850	116,820	182,027	2,684	119,482	119,602	60,489	17,622											17,622	
April.	132	103	141	35	68	70	106	81	159,442	124,161	217,308	5,687	109,364	112,869	56,984	20,848											20,848	
May.	81	74	147	42	73	72	112	80	97,963	89,182	226,089	7,072	118,138	114,995	60,127	20,322											20,322	
June.	66	75	140	49	68	68	111	109	80,337	90,357	216,069	8,117	109,052	109,689	59,490	27,698											27,698	
July.	62	79	127	93	64	67	102	164	75,405	95,386	196,088	15,329	102,768	107,573	54,685	41,756											41,756	
August.	61	85	108	100	75	77	99	173	73,666	103,153	166,601	16,405	121,510	122,753	53,442	44,181											44,181	
September.	55	79	89	176	78	82	91	255	66,965	95,894	137,672	28,958	126,514	131,174	48,782	65,206											65,206	
October.	68	84	77	160	94	99	79	221	82,511	100,777	119,406	26,397	151,699	158,050	42,431	56,419											56,419	
November.	90	93	75	216	101	102	80	279	108,186	112,228	115,365	35,504	163,101	162,841	43,172	71,204											71,204	
December.	101	95	80	173	94	92	87	459	121,804	114,087	123,080	28,498	151,031	147,380	46,843	117,068											117,068	
<b>1922.</b>																												
January.	90	84	81	127	98	99	94	374	109,175	101,957	125,298	20,920	157,746	158,774	50,815	95,525											95,525	
February.	82	81	82	56	90	89	99	260	98,742	98,315	125,725	9,138	144,568	142,399	52,984	66,443											66,443	
March.	119	108	90	75	106	104	106	190	143,596	129,931	139,390	12,425	170,995	167,112	56,867	48,376											48,376	
April.	122	105	104	72	93	96	99	255	147,608	127,286	159,712	11,797	149,859	153,542	53,184	65,140											65,140	
May.	138	119	119	71	102	105	92	202	167,197	144,042	182,867	11,626	164,497	168,095	49,586	51,658											51,658	
June.	123	115	125	97	102	101	99	309	148,328	138,459	192,736	15,951	164,931	161,181	53,336	78,992											78,992	
July.	103	108	122	104	96	97	96	355	124,691	129,847	187,580	17,181	154,617	156,313	51,640	90,638											90,638	
August.	91	116	102	82	107	107	98	327	109,870	139,935	157,515	13,545	172,750	171,898	52,442	83,562											83,562	
September.	85	110	82	<sup>4</sup> 116	106	107	96	<sup>4</sup> 281	102,350	132,667	127,198	<sup>4</sup> 19,153	170,329	171,452	51,319	<sup>4</sup> 71,748											<sup>4</sup> 71,748	
October.																												
November.																												
December.																												

<sup>1</sup> Imports from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; all other data from Federal Trade Commission, except production for 1914 and 1916 from U. S. Department of Agriculture, Forest Service.

<sup>2</sup> Import figures converted from long to short tons to agree with production and stocks.

<sup>3</sup> Stocks at end of year.

<sup>4</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## BUILDING STATISTICS—CONTRACTS AWARDED.

Table 35.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	BUSINESS BUILDINGS.			INDUSTRIAL BUILDINGS.			RESIDENTIAL BUILDINGS.			EDUCATIONAL BUILDINGS.			HOSPITALS AND INSTITUTIONS.		
	Number of projects.	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.....					242	21		294	49						
1916 monthly average.....					263	36		290	57						
1917 monthly average.....					271	48		262	42						
1918 monthly average.....					2118	94		243	36						
1919 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 monthly average.....	81	74	79	80	83	115	60	57	67	102	114	144	100	142	121
1921 monthly average.....	77	59	82	43	23	34	103	85	103	137	177	204	110	242	179
<b>1920.</b>															
May.....	102	86	119	97	87	111	80	85	92	141	142	171	102	223	144
June.....	94	103	141	83	83	106	67	54	63	165	160	198	124	127	92
July.....	83	79	107	73	53	85	58	43	58	171	131	199	139	144	251
August.....	85	54	86	78	55	74	60	54	59	163	148	190	118	129	149
September.....	73	58	80	67	65	95	60	41	51	105	96	128	116	131	97
October.....	75	52	70	70	42	63	55	55	61	71	90	143	122	201	189
November.....	63	39	60	64	41	78	51	36	45	48	55	70	110	113	79
December.....	47	25	42	45	31	50	44	27	33	51	38	73	86	82	105
<b>1921.</b>															
January.....	46	35	61	39	18	36	39	33	43	44	66	69	63	212	146
February.....	50	35	50	31	14	21	52	41	51	49	85	87	33	25	35
March.....	80	48	67	47	18	25	96	71	86	96	155	191	71	159	83
April.....	81	55	86	45	27	30	114	89	106	137	174	227	110	179	137
May.....	82	61	87	43	28	48	117	93	117	173	244	246	112	175	101
June.....	87	61	75	38	28	43	119	90	106	214	195	235	161	410	391
July.....	73	66	98	35	21	32	92	69	85	223	228	287	149	430	252
August.....	87	75	104	39	18	25	118	89	114	216	233	281	143	239	148
September.....	89	78	122	42	21	26	132	108	135	193	221	266	173	540	364
October.....	94	86	111	56	31	43	133	109	127	122	169	225	131	185	159
November.....	81	56	72	55	33	41	117	112	128	89	178	183	94	142	138
December.....	78	50	65	46	22	34	106	109	143	87	172	151	82	207	197
<b>1922.</b>															
January.....	68	52	70	43	24	46	85	90	107	64	104	121	63	198	164
February.....	75	68	116	32	19	25	77	82	107	78	121	132	94	270	237
March.....	115	97	147	48	33	57	158	151	172	143	265	257	122	218	160
April.....	115	113	174	54	40	57	187	157	187	190	380	369	133	235	202
May.....	116	107	170	54	47	56	193	157	199	219	322	331	169	320	258
June.....	111	111	152	53	34	47	186	156	193	303	425	444	141	234	172
July.....	97	95	130	45	54	75	159	121	154	301	360	409	176	379	338
August.....	97	84	113	53	88	158	171	118	143	270	273	322	151	465	287
September.....	92	98	136	48	36	62	150	114	143	143	190	213	127	194	163
October.....															
November.....															
December.....															

See footnotes on opposite page.

## BUILDING STATISTICS—CONTRACTS AWARDED.

Table 36.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	BUSINESS BUILDINGS.			INDUSTRIAL BUILDINGS.			RESIDENTIAL BUILDINGS.			EDUCATIONAL BUILDINGS.			HOSPITALS AND INSTITUTIONS.		
	Number of projects.	Thousands of square feet.	Thousands of dollars.	Number of projects.	Thousands of square feet.	Thousands of dollars.	Number of projects.	Thousands of square feet.	Thousands of dollars.	Number of projects.	Thousands of square feet.	Thousands of dollars.	Number of projects.	Thousands of square feet.	Thousands of dollars.
1915 monthly average.....					<sup>2</sup> 5,308	\$8,912		<sup>2</sup> 19,000	\$34,832						
1916 monthly average.....					<sup>2</sup> 8,050	15,212		<sup>2</sup> 18,167	40,275						
1917 monthly average.....					<sup>2</sup> 9,042	20,668		<sup>2</sup> 12,583	29,548						
1918 monthly average.....					<sup>2</sup> 15,075	40,202		<sup>2</sup> 8,667	25,381						
1919 monthly average.....	<b>1,092</b>	<b>9,240</b>	<b>\$33,806</b>	<b>636</b>	<b>12,772</b>	<b>42,744</b>	<b>3,999</b>	<b>20,157</b>	<b>70,767</b>	<b>166</b>	<b>1,915</b>	<b>\$9,960</b>	<b>49</b>	<b>368</b>	<b>\$3,266</b>
1920 monthly average.....	895	6,870	26,638	511	10,652	49,080	2,414	11,460	47,177	170	2,190	14,358	49	523	3,962
1921 monthly average.....	844	5,437	27,662	274	2,981	14,444	4,118	17,047	73,154	227	3,382	20,319	54	890	5,845
<b>1920.</b>															
May.....	1,117	7,908	40,201	617	11,111	47,511	3,218	17,104	65,362	234	2,719	17,047	50	821	4,712
June.....	1,022	9,499	47,529	529	10,639	45,275	2,691	10,891	44,330	274	3,061	19,674	61	466	3,011
July.....	907	7,325	36,128	465	6,768	36,458	2,334	8,607	40,811	284	2,507	19,808	68	531	8,200
August.....	924	5,005	28,985	493	6,972	31,733	2,384	10,803	41,627	270	2,532	18,972	58	476	4,850
September.....	799	5,371	26,944	427	8,273	40,440	2,410	8,222	36,015	175	1,834	12,762	57	484	3,166
October.....	817	4,823	23,804	443	5,392	26,932	2,206	11,173	43,433	118	1,779	14,258	60	742	6,186
November.....	683	3,611	20,218	407	5,264	33,330	2,035	7,264	32,158	79	1,045	6,950	54	417	2,573
December.....	510	2,336	14,068	289	3,911	21,399	1,777	5,534	23,516	85	719	7,288	42	302	3,441
<b>1921.</b>															
January.....	506	3,262	20,528	250	2,359	15,437	1,573	6,724	30,732	73	1,257	6,905	31	782	4,779
February.....	549	3,277	17,020	197	1,786	9,037	2,085	8,319	36,294	81	1,625	8,647	16	94	1,146
March.....	870	4,424	22,776	296	2,341	10,640	3,833	14,382	60,701	160	2,969	19,031	35	587	2,698
April.....	880	5,084	29,176	288	3,497	12,919	4,556	17,948	75,006	228	3,328	22,640	54	660	4,482
May.....	896	5,632	24,494	275	3,543	20,404	4,683	18,804	82,982	287	4,668	24,462	55	645	3,288
June.....	952	5,645	24,494	244	3,581	18,502	4,758	18,227	75,175	355	3,731	23,441	79	1,507	12,762
July.....	795	6,070	33,240	221	2,641	13,604	3,684	13,961	60,452	371	4,369	28,602	73	1,582	8,223
August.....	954	6,940	35,277	251	2,292	10,832	4,729	17,949	80,329	358	4,457	27,959	70	879	4,840
September.....	971	7,174	41,259	269	2,706	11,283	5,286	21,709	95,303	321	4,238	26,459	85	1,987	11,878
October.....	1,029	7,991	37,405	357	3,984	18,419	5,314	21,978	89,650	202	3,228	22,429	64	680	5,200
November.....	880	5,158	24,221	350	4,197	17,695	4,681	22,666	90,324	147	3,416	18,212	46	531	4,506
December.....	847	4,583	22,056	290	2,846	14,553	4,236	21,901	100,807	144	3,297	15,046	40	760	6,343
<b>1922.</b>															
January.....	744	4,811	23,696	271	3,033	19,695	3,410	18,083	75,728	107	2,001	12,067	31	727	5,369
February.....	815	6,264	39,240	205	2,417	10,733	3,079	16,490	75,728	130	2,325	13,110	46	995	7,749
March.....	1,252	8,953	49,758	306	4,165	24,270	6,322	30,348	121,551	238	5,071	25,575	60	804	5,212
April.....	1,255	10,419	58,711	345	5,130	24,312	7,484	31,666	132,478	316	7,277	36,719	65	865	6,584
May.....	1,270	9,841	57,515	344	5,941	23,893	7,705	31,604	140,933	364	6,161	32,925	83	1,179	8,437
June.....	1,213	10,289	51,489	339	4,305	20,277	7,454	31,519	136,359	503	8,132	44,245	69	860	5,607
July.....	1,059	8,780	44,020	285	6,870	31,883	6,347	24,392	108,951	499	6,901	40,690	86	1,396	11,024
August.....	1,057	7,793	38,122	335	11,262	67,374	6,857	23,712	100,883	449	5,228	32,055	74	1,712	9,383
September.....	1,003	9,074	45,907	306	4,569	26,385	6,005	23,059	101,428	237	3,644	21,214	62	714	5,331
October.....															
November.....															
December.....															

<sup>1</sup> Data compiled by the F. W. Dodge Co., 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.

<sup>2</sup> Estimates made by the F. W. Dodge Co.

## BUILDING STATISTICS—CONTRACTS AWARDED.

Table 37.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	PUBLIC BUILDINGS.			PUBLIC WORKS AND PUBLIC UTILITIES.		SOCIAL AND RECREATIONAL BUILDINGS.			RELIGIOUS AND MEMORIAL BUILDINGS.			GRAND TOTAL <sup>2</sup>			FIRE LOSSES.
	Number of projects.	Square feet.	Value.	Number of projects.	Value.	Number of projects.	Square feet.	Value.	Number of projects.	Square feet.	Value.	Number of projects.	Square feet.	Value.	
Relative to 1919.															
1913 monthly average.....															33
1914 monthly average.....															28
1915 monthly average.....															36
1916 monthly average.....															53
1917 monthly average.....															63
1918 monthly average.....															65
1919 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 monthly average.....	96	137	198	82	113	98	81	109	87	95	110	70	72	98	123
1921 monthly average.....	91	147	166	108	91	117	115	130	126	173	161	95	69	91	124
<b>1920.</b>															
May.....	117	62	132	100	134	132	85	137	103	104	146	90	89	115	113
June.....	130	436	723	102	186	130	94	120	113	108	161	81	79	121	115
July.....	123	207	146	111	111	131	79	123	131	145	143	75	60	95	112
August.....	143	86	163	103	145	110	117	134	135	112	138	75	61	94	80
September.....	98	212	246	95	104	102	58	92	100	124	140	69	55	83	114
October.....	89	183	123	86	115	77	52	116	113	131	161	65	55	83	126
November.....	68	50	80	56	52	75	62	98	90	74	89	56	40	60	125
December.....	91	72	127	54	53	73	45	62	53	98	68	47	30	47	134
<b>1921.</b>															
January.....	57	66	96	36	58	62	39	61	62	83	72	41	33	52	158
February.....	49	188	222	40	44	82	77	77	53	83	72	49	36	47	115
March.....	68	117	203	85	81	112	108	136	74	97	80	87	57	76	127
April.....	100	234	249	124	115	156	215	280	142	186	196	105	74	103	99
May.....	109	158	165	149	155	148	115	143	148	161	144	110	77	113	107
June.....	130	88	125	173	127	150	136	146	170	231	226	115	77	106	129
July.....	134	138	160	135	112	136	121	146	191	237	299	94	68	99	149
August.....	113	87	133	145	107	137	128	122	178	204	198	112	76	103	115
September.....	96	291	234	132	85	122	157	168	165	275	240	119	89	115	114
October.....	96	123	136	124	84	119	109	95	151	209	183	118	87	103	125
November.....	74	69	79	82	63	102	97	96	105	111	104	100	81	89	117
December.....	64	193	192	65	67	78	79	88	84	115	108	90	76	92	129
<b>1922.</b>															
January.....	77	100	84	49	45	77	72	91	68	102	108	74	65	77	172
February.....	38	53	63	52	51	58	62	57	85	142	156	70	64	83	131
March.....	83	219	170	120	124	114	108	118	120	179	156	135	111	137	178
April.....	96	145	123	144	180	121	113	134	171	246	265	157	125	164	138
May.....	89	279	224	183	153	135	188	291	211	440	383	166	128	169	133
June.....	70	281	216	193	138	145	255	200	221	360	340	164	130	160	108
July.....	109	263	1,237	187	189	134	113	146	218	323	323	144	111	163	164
August.....	106	137	233	194	119	141	202	179	218	301	284	152	116	150	96
September.....	77	115	118	177	120	125	147	172	176	233	232	133	95	126	155
October.....															
November.....															
December.....															

See footnotes on opposite page.

## BUILDING STATISTICS—CONTRACTS AWARDED.

Table 38.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	PUBLIC BUILDINGS.			PUBLIC WORKS AND PUBLIC UTILITIES.		SOCIAL AND RECREATIONAL BUILDINGS.			RELIGIOUS AND MEMORIAL BUILDINGS.			GRAND TOTAL. <sup>2</sup>			FIRE LOSSES.
	Number of projects.	Thousands of square feet.	Thousands of dollars.	Number of projects.	Thousands of dollars.	Number of projects.	Thousands of square feet.	Thousands of dollars.	Number of projects.	Thousands of square feet.	Thousands of dollars.	Number of projects.	Thousands of square feet.	Thousands of dollars.	Thousands of dollars.
1913 monthly av. ....															\$71,475
1914 monthly av. ....															60,020
1915 monthly av. ....															78,341
1916 monthly av. ....															113,082
1917 monthly av. ....															134,086
1918 monthly av. ....															140,770
1919 monthly av. ....	<b>47</b>	<b>172</b>	<b>\$1,119</b>	<b>654</b>	<b>\$41,834</b>	<b>111</b>	<b>1,265</b>	<b>\$6,964</b>	<b>91</b>	<b>444</b>	<b>\$3,127</b>	<b>6,862</b>	<b>46,683</b>	<b>214,990</b>	<b>\$22,416</b>
1920 monthly av. ....	45	236	2,218	534	47,195	109	1,030	7,594	79	422	3,446	4,821	33,491	211,102	27,571
1921 monthly av. ....	43	252	1,859	704	38,265	130	1,456	9,050	115	767	5,033	6,520	32,267	196,648	27,721
<b>1920.</b>															
May.....	55	107	1,476	654	56,086	146	1,075	9,561	94	461	4,579	6,193	41,402	243,935	25,440
June.....	61	751	8,087	670	77,895	144	1,191	8,327	103	481	5,040	5,584	37,084	260,111	25,746
July.....	58	356	1,637	724	46,367	145	1,004	8,572	119	647	4,478	5,131	28,078	204,498	25,136
August.....	67	148	1,819	674	60,459	122	1,484	9,363	123	500	4,309	5,129	28,287	202,652	17,981
September.....	46	365	2,751	620	43,392	113	734	6,394	91	549	4,389	4,758	25,845	178,179	25,630
October.....	42	315	1,433	565	47,900	86	661	8,108	103	584	5,041	4,449	25,532	177,758	28,331
November.....	32	87	895	369	21,848	83	785	6,839	82	329	2,774	3,839	18,855	128,966	28,093
December.....	43	124	1,418	356	21,972	81	564	4,310	48	436	2,137	3,249	14,004	100,145	41,198
<b>1921.</b>															
January.....	27	113	1,079	237	24,186	69	495	4,274	56	367	2,261	2,834	15,513	111,608	35,320
February.....	23	324	2,482	264	18,547	91	979	5,328	48	368	2,253	3,361	16,807	100,677	25,889
March.....	32	202	2,271	558	33,958	124	1,368	9,461	67	430	2,487	5,981	26,709	164,092	28,581
April.....	47	404	2,781	812	48,043	173	2,723	19,533	129	827	6,138	7,176	34,494	220,886	22,179
May.....	51	273	1,846	977	64,999	164	1,451	9,975	135	715	4,497	7,530	35,751	242,094	23,957
June.....	61	152	1,402	1,130	52,967	166	1,710	10,202	155	1,161	7,075	7,919	35,738	227,711	29,001
July.....	63	238	1,793	895	46,902	151	1,529	10,136	174	1,276	9,356	6,440	31,717	212,491	33,356
August.....	53	150	1,490	949	44,797	152	1,624	8,502	162	907	6,204	7,684	35,246	220,721	25,829
September.....	45	501	2,620	861	35,414	135	1,990	11,693	150	1,222	7,778	8,144	41,702	246,183	25,502
October.....	45	212	1,523	808	35,141	132	1,383	6,632	137	928	5,735	8,096	40,433	222,480	27,955
November.....	35	119	884	538	26,397	113	1,222	6,713	96	491	3,246	6,891	37,818	192,311	26,179
December.....	30	332	2,143	423	27,833	87	1,002	6,149	76	510	3,369	6,181	35,272	198,518	28,908
<b>1922.</b>															
January.....	36	172	942	318	18,735	86	914	6,356	62	455	3,367	5,073	30,261	166,320	38,663
February.....	18	92	705	338	21,193	64	787	3,941	77	629	4,882	4,782	30,061	177,473	29,304
March.....	39	377	1,902	788	51,997	127	1,362	8,228	109	795	4,880	9,250	51,957	293,637	39,911
April.....	45	249	1,380	940	75,251	134	1,432	9,317	155	1,092	8,288	10,746	58,145	353,162	31,010
May.....	42	480	2,506	1,197	63,817	150	2,381	20,260	192	1,952	11,966	11,358	59,639	362,590	29,869
June.....	33	484	2,422	1,259	57,940	161	3,223	13,961	201	1,598	10,618	11,249	60,526	343,449	24,103
July.....	51	452	13,837	1,220	79,162	149	1,435	10,181	198	1,433	10,085	9,902	51,705	350,081	36,668
August.....	50	270	2,603	1,272	49,825	157	2,555	12,446	198	1,337	8,883	10,457	54,019	322,007	21,580
September.....	56	198	1,325	<b>1,155</b>	50,379	139	1,855	12,005	160	1,035	7,259	9,108	44,275	271,493	41,515
October.....															
November.....															
December.....															

<sup>1</sup> Data compiled by the F. W. Dodge Co., covering small towns and rural districts as well as large cities, except fire losses in the United States and Canada, included here for convenience, compiled by the *New York Journal of Commerce*. 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.

<sup>2</sup> Grand total includes military and naval buildings and miscellaneous, in addition to the groups listed in this and the preceding table (p. 83).

## CONSTRUCTION COSTS AND GLASS.

Table 39.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	BUILDING MATERIAL PRICE INDICES. <sup>1</sup>		COST INDICES.					CONSTRUCTION VOLUME. <sup>2</sup>	GLASS BOTTLES. <sup>7</sup>	ILLUMINATING GLASSWARE. <sup>8</sup>			SPECTACLE FRAMES AND MOUNTINGS. <sup>9</sup>		ILLUMINATING GLASSWARE. <sup>8</sup>				
	Frame house.	Brick house.	Factory building costs. <sup>3</sup>	Construction costs. <sup>3</sup>	Hotel building costs. <sup>4</sup>	Loft office building costs. <sup>4</sup>	Subdivided office building costs. <sup>4</sup>			Production.	Net orders.	Actual production.	Shipments billed.	Sales billed (value)	Unfilled orders.	Net orders.	Actual production.	Shipments billed.	
	Relative to 1913.		Rel. to 1914.	Relative to 1913.						Rel. to 1919.	Relative to average, May, 1921–April, 1922.			Rel. to 1913.	Rel. to 1919.	Per cent of capacity.			
	A.—INDEX NUMBERS.															B.—NUMERICAL DATA.			
1913 monthly av....	<b>100</b>	<b>100</b>	.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	.....	.....	.....	<b>100</b>	.....	.....	.....	.....	.....	
1914 monthly av....	.....	.....	<b>100</b>	93	93	90	91	.....	.....	.....	.....	.....	110	.....	.....	.....	.....	.....	
1915 monthly av....	.....	.....	.....	98	104	101	100	.....	.....	.....	.....	.....	121	.....	.....	.....	.....	.....	
1916 monthly av....	.....	.....	.....	137	133	133	131	.....	.....	.....	.....	.....	149	.....	.....	.....	.....	.....	
1917 monthly av....	.....	.....	.....	189	153	155	151	.....	.....	.....	.....	.....	169	.....	.....	.....	.....	.....	
1918 monthly av....	.....	.....	.....	203	156	156	154	.....	.....	.....	.....	.....	219	.....	.....	.....	.....	.....	
1919 monthly av....	.....	.....	.....	208	<sup>6</sup> 164	<sup>6</sup> 165	<sup>6</sup> 160	91	<b>100</b>	.....	.....	.....	298	<b>100</b>	.....	.....	.....	.....	
1920 monthly av....	.....	.....	.....	239	209	215	207	88	104	.....	.....	.....	339	127	.....	.....	.....	.....	
1921 monthly av....	.....	.....	179	202	177	180	174	91	69	<sup>10</sup> 100	<sup>10</sup> 100	<sup>10</sup> 100	218	45	<sup>10</sup> 36.7	<sup>10</sup> 36.2	<sup>10</sup> 35.7	.....	
<b>1921.</b>																			
January.....	.....	.....	241	231	196	204	198	41	100	.....	.....	.....	195	45	.....	.....	.....	.....	
February.....	.....	.....	220	231	190	193	191	43	87	.....	.....	.....	226	49	.....	.....	.....	.....	
March.....	.....	.....	197	224	187	192	187	88	68	.....	.....	.....	244	51	.....	.....	.....	.....	
April.....	.....	.....	186	213	182	187	182	86	68	.....	.....	.....	265	57	.....	.....	.....	.....	
May.....	.....	.....	176	211	179	183	179	90	60	101	88	86	248	54	37.0	31.9	30.8	.....	
June.....	.....	.....	172	210	176	181	177	117	54	83	97	88	218	49	30.5	35.1	31.3	.....	
July.....	.....	.....	167	204	171	<del>176</del> 171	171	90	48	49	42	79	141	39	18.0	15.2	28.3	.....	
August.....	.....	.....	161	193	168	171	167	94	50	71	41	54	179	27	25.9	14.7	19.1	.....	
September.....	.....	.....	160	188	164	166	163	114	50	93	62	73	218	35	34.0	22.6	26.2	.....	
October.....	.....	.....	157	183	164	166	162	109	70	134	101	114	243	41	49.3	36.6	40.7	.....	
November.....	166	173	154	166	164	166	162	101	86	138	143	138	218	44	50.6	51.7	49.1	.....	
December.....	173	179	153	169	162	166	160	118	86	99	141	128	220	43	36.2	51.2	45.6	.....	
<b>1922.</b>																			
January.....	174	179	152	169	160	164	159	91	83	109	116	98	169	41	40.0	42.0	35.0	.....	
February.....	169	174	152	162	158	160	156	100	81	99	121	117	233	45	36.4	43.9	41.8	.....	
March.....	169	173	152	165	158	160	156	202	67	117	128	111	259	42	42.9	46.3	39.8	.....	
April.....	168	172	152	165	159	162	157	150	79	107	120	115	257	44	39.2	43.4	41.1	.....	
May.....	173	176	157	167	160	164	158	179	82	123	125	115	259	37	45.5	45.3	41.1	.....	
June.....	178	181	169	170	161	166	159	187	84	132	108	114	277	29	48.3	39.2	40.8	.....	
July.....	181	184	171	173	.....	.....	.....	118	73	101	76	93	210	31	37.1	27.4	33.1	.....	
August.....	189	193	174	185	.....	.....	.....	154	78	112	79	93	252	30	41.1	28.7	33.1	.....	
September.....	193	197	190	189	.....	.....	.....	129	79	150	121	119	285	46	55.1	43.7	42.6	.....	
October.....	.....	.....	192	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

<sup>1</sup> Except building material price indices, from the U. S. Department of Commerce, Bureau of Standards, Division of Building and Housing and Bureau of the Census, which is 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.

<sup>2</sup> 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 building costs.

<sup>3</sup> 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, exclusive of bags), lumber (southern pine, New York base), and the rates paid common labor in the steel industry. The prices are weighted on the basis of the total production of steel, cement, and lumber, and the total supply of common labor.

<sup>4</sup> Compiled by the *George A. Fuller Company*, reflecting wages and material costs in New York City, originally on a 1909 relative base and converted to a 1913 base. These costs are based on buildings actually constructed by this company, as follows: Hotel building, built in 1913–14, high-grade, containing 11,500,000 cubic feet; loft office building, built in 1909, containing 3,647,000 cubic feet; subdivided office building, built in 1909, containing 8,070,000 cubic feet.

<sup>5</sup> 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.

<sup>6</sup> Two-month average, May and October, 1919.

<sup>7</sup> Data from *National Bottle Manufacturers Association*, based on reports of identical firms representing approximately 90 per cent of the capacity of the industry.

<sup>8</sup> 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.

<sup>9</sup> Data from the *Optical Manufacturers Association*, representing about 60 per cent of the industry.

<sup>10</sup> Twelve months' average, May, 1921–April, 1922.

## HARDWOOD LUMBER.

Table 40.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From commercial and trade sources.

[Base year in bold-faced type.]

YEAR AND MONTH.	MICHIGAN HARDWOODS. <sup>1</sup>			NORTHERN HARDWOODS. <sup>1</sup>		MICHIGAN HARDWOODS. <sup>1</sup>			NORTHERN HARDWOODS. <sup>1</sup>		WALNUT. <sup>5</sup>						
	Pro-duction.	Ship-ments.	Stocks, end of month.	Pro-duction.	Ship-ments.	Pro-duction.	Ship-ments.	Stocks, end of month.	Pro-duction.	Ship-ments.	Lumber.			Logs.			
											Pur-chases.	Ship-ments.	Stocks on hand.	Pur-chases.	Made into lumber and veneer.	Stocks on hand.	
	Relative to 1917.			Relative to 1913.		Thousands of feet, board measure.						Thousands of feet, log measure.					
A—INDEX NUMBERS.						B—NUMERICAL DATA.											
1913 mo. av.				<b>100</b>	<b>100</b>				<b>28,318</b>	<b>25,390</b>							
1914 mo. av.				110	78				31,034	19,911							
1915 mo. av.				87	87				24,755	22,067							
1916 mo. av.				89	103				25,296	26,041							
1917 mo. av.	<b>100</b>	<b>100</b>	<b>*100</b>	110	119	<b>27,763</b>	<b>31,396</b>	<b>*223,961</b>	31,061	30,105							
1918 mo. av.	78	69	*90	103	110	21,573	21,576	*201,053	29,241	27,813							
1919 mo. av.	76	75	*75	116	131	21,119	23,427	*169,080	32,732	33,328							
1920 mo. av.	67	50	*55	121	108	18,699	15,564	*122,468	34,206	27,509							
1921 mo. av.	46	30	74	101	78	12,652	9,356	165,984	28,658	19,689							
<b>1920.</b>																	
September..	51	44	54	113	105	14,263	13,754	119,949	31,903	26,581							
October.....	67	38	56	124	104	18,539	11,968	126,437	35,230	26,476							
November....	53	25	57	83	62	14,774	7,874	126,731	23,629	15,679							
December....	52	19	63	82	30	14,343	5,956	140,074	23,329	7,705							
<b>1921.</b>																	
January.....	54	22	65	104	30	16,119	7,003	145,861	29,469	7,528							
February....	60	16	71	135	37	16,660	5,168	159,161	38,317	9,493							
March.....	71	28	73	170	43	19,837	8,897	162,564	48,279	10,937							
April.....	76	21	77	179	63	21,224	6,593	172,757	50,716	15,939							
May.....	60	21	71	162	66	16,786	6,746	157,938	45,902	16,715							
June.....	56	27	81	156	62	15,551	8,450	182,474	44,317	15,723							
July.....	37	26	81	111	77	10,160	8,092	182,283	31,530	19,607							
August.....	34	26	80	66	86	9,382	8,013	179,029	18,747	21,845							
September..	25	31	79	29	96	6,815	9,708	177,676	8,196	24,377							
October.....	21	48	74	25	118	5,750	15,078	166,369	6,985	29,928							
November....	21	55	69	24	145	5,959	17,195	154,948	6,730	36,799							
December....	31	36	67	52	108	8,586	11,330	150,747	14,709	27,379							
<b>1922.</b>																	
January.....	54	35	66	111	102	14,896	10,881	148,631	31,399	25,841	1,325	1,489	6,278	1,113	392	1,398	
February....	46	28	58	94	75	12,787	8,647	129,070	23,660	19,059	1,962	1,784	10,496	1,951	1,270	2,643	
March.....	41	29	55	137	125	11,478	9,173	123,330	38,688	31,675	2,217	1,840	10,824	1,619	1,615	2,643	
April.....	48	34	57	104	107	13,402	10,790	127,966	29,404	27,228	2,260	1,707	11,067	1,269	1,343	2,923	
May.....	52	38	58	109	110	14,479	11,806	130,444	30,932	27,971	2,175	1,535	11,632	1,603	1,682	2,846	
June.....	51	33	59	90	160	14,274	10,235	131,136	25,576	40,623	1,960	2,053	11,503	1,631	1,487	2,125	
July.....	44	40	57	75	162	12,169	12,444	128,515	21,376	41,228	1,719	2,251	11,314	1,056	1,324	2,072	
August.....	45	51	54	80	170	12,575	16,073	121,257	22,522	43,103	1,675	1,852	11,083	1,333	1,399	1,900	
September..	47	42	55	72	154	13,057	13,100	122,956	20,412	39,080	1,137	1,535	10,713	1,027	1,045	1,536	
October.....																	
November....																	
December....																	

<sup>1</sup> 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.

<sup>2</sup> Quarterly average.

<sup>3</sup> Ten months' average.

<sup>4</sup> 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.

<sup>5</sup> Compiled by *American Walnut Manufacturers' Association* from reports of identical firms representing from 50 to 60 per cent of the walnut lumber industry.

## PINE LUMBER.

Table 41.—INDEX NUMBERS.

From Government and non-Government sources.

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

YEAR AND MONTH.	YELLOW PINE. <sup>1</sup>			WESTERN PINE. <sup>2</sup>			CALIFORNIA WHITE PINE. <sup>3</sup>			NORTHERN PINE. <sup>4</sup>				NORTH CAROLINA PINE. <sup>5</sup>			
	Pro- duc- tion.	Stocks, end of month.	Price, <sup>6</sup> "B" and better, Hat- ties- burg.	Pro- duc- tion.	Ship- ments.	Stocks, end of month.	Pro- duc- tion.	Ship- ments.	Stocks, end of month.	Lumber.		Lath.		Pro- duc- tion.	Ship- ments.		
										Pro- duc- tion.	Ship- ments.	Pro- duc- tion.	Ship- ments.				
Relative to 1917.			Rel. to 1913.	Relative to 1917.			Rel. to 1920.			Relative to 1918.				Relative to 1920.		Relative to 1919.	
1917 monthly average..	<b>100</b>	<b>100</b>	114	<b>100</b>	<b>100</b>												
1918 monthly average..	87	81	147	104	89		<b>100</b>	<b>100</b>	<b>100</b>								
1919 monthly average..	90	68	239	98	99		92	117	108					<b>100</b>	<b>100</b>		
1920 monthly average..	85	87	234	119	100	<b>100</b>	111	113	100	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	98	93		
1921 monthly average..	89	88	156	66	70	121	74	91	139	85	55	90	155	88	90		
<b>1920.</b>																	
September.....	85	97	270	144	89	113	163	106	126	151	107	166	102	97	85		
October.....	78	98	230	127	63	121	160	122	159	131	72	109	63	97	67		
November.....	72	97	202	93	54	126	95	78	142	56	45	51	35	82	71		
December.....	62	96	183	37	41	125	42	49	140	47	23	53	29	43	58		
<b>1921.</b>																	
January.....	69	95	160	22	39	122	7	24	135	60	24	55	42	33	49		
February.....	79	94	148	20	44	120	10	59	140	59	32	56	78	63	60		
March.....	71	94	139	56	57	117	11	61	138	66	36	65	146	71	62		
April.....	87	91	133	66	67	113	17	72	128	72	48	69	213	84	68		
May.....	92	89	138	96	67	115	102	95	122	104	49	97	175	79	73		
June.....	87	89	141	106	69	122	143	97	143	127	55	124	205	86	93		
July.....	87	92	140	96	69	125	131	84	139	126	50	125	181	91	102		
August.....	94	89	141	92	82	127	132	113	151	134	62	134	261	92	89		
September.....	93	86	155	75	83	125	112	115	122	109	80	175	200	95	96		
October.....	95	79	184	72	96	123	111	150	160	84	94	93	173	115	132		
November.....	100	79	206	56	87	120	67	116	136	30	83	38	120	124	134		
December.....	92	82	189	33	75	119	50	109	150	48	51	55	72	126	128		
<b>1922.</b>																	
January.....	94	85	182	31	75	110	39	76	143	56	57	63	93	124	100		
February.....	88	88	189	37	81	103	18	75	142	46	51	54	74	149	128		
March.....	101	88	178	59	106	93	14	95	118	86	68	94	143	153	156		
April.....	94	85	180	96	120	91	36	103	108	129	97	140	138	158	156		
May.....	113	81	184	141	147	88	116	119	84	169	117	189	157	155	180		
June.....	118	80	198	145	158	86	177	167	130	163	116	212	171	158	163		
July.....	105	80	196	125	141	90	170	127	145	154	114	207	214	162	166		
August.....	113	81	200	155	147	90	250	214	161	163	130	197	345	160	186		
September.....	105	88	215	155	121	105				131	112	160	345	161	190		
October.....																	
November.....																	
December.....																	

See footnotes on opposite page also.

<sup>1</sup> The figures given for production and stocks of yellow pine are computed from data furnished by the *Southern Pine Association*. The method of computing is first to find the per cent which the actual production of the mills reporting is to the normal production of these same mills. This per cent is then applied to the normal production of 192 mills. Assuming that the mills reporting are a good sample of the industry, the resulting figure in each month is equivalent to the actual production of the 192 identical mills and hence shows the trend of the industry. The same procedure is followed in the case of stocks. The normal monthly production of the 192 mills is given as 484,065,392 feet and the normal stocks of the same mills as 1,262,450,326 feet. By normal production the *Southern Pine Association* means the average output for the first 4 months of 1916 and normal stocks refer to the average stocks during the 16 months ending with April, 1916.

<sup>2</sup> The *Western Pine Manufacturers' Association* has supplied figures showing the actual and normal production for the mills reporting in each of the periods shown. From 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 identical mills. The normal monthly production of these 54 mills is given as 148,000,000 board feet and is estimated to represent 70 per cent of the output of the western pine territory.

<sup>3</sup> 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 26.

<sup>4</sup> Northern pine from the *Northern Pine Manufacturers' Association*, and includes reports from some 24 mills, both member and nonmember, located chiefly in Minnesota.



## PINE LUMBER.

Table 42.—NUMERICAL DATA.

From Government and non-Government sources.

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

YEAR AND MONTH.	YELLOW PINE. <sup>1</sup>			WESTERN PINE. <sup>2</sup>			CALIFORNIA WHITE PINE. <sup>3</sup>			NORTHERN PINE. <sup>4</sup>				NORTH CAROLINA PINE. <sup>5</sup>	
	Pro-duction.	Stocks, end of month.	Price, <sup>6</sup> "B" and better, Hat-ties-burg.	Pro-duction.	Ship-ments.	Stocks, end of month.	Pro-duction.	Ship-ments.	Stocks.	Lumber.		Lath.		Pro-duction.	Ship-ments.
										Pro-duction.	Ship-ments.	Pro-duction.	Ship-ments.		
	Thousands of feet, board measure.			Per M feet.			Thousands of feet, board measure.						Thousands of feet, board measure.		
1917 mo. av....	<b>423,509</b>	<b>1,371,652</b>	31.54	<b>113,320</b>	<b>110,423</b>										
1918 mo. av....	368,325	1,116,259	33.76	118,178	97,784				<b>52,561</b>	<b>31,900</b>	<b>265,113</b>				
1919 mo. av....	380,524	937,748	55.00	111,192	109,032				48,263	37,284	287,645				
1920 mo. av....	358,031	1,187,587	74.53	134,467	110,697	<b>881,924</b>	58,368	36,036	267,276	<b>40,273</b>	<b>50,139</b>	<b>9,581</b>	<b>6,357</b>	33,514	29,791
1921 mo. av....	375,438	1,211,174	35.98	74,437	76,840	1,063,658	39,110	29,114	370,303	34,204	27,768	8,669	9,881	30,164	29,052
<b>1920.</b>															
September....	359,951	1,323,805	62.22	163,096	98,198	997,843	85,439	33,882	337,743	60,911	53,664	15,937	6,458	33,068	27,370
October.....	329,455	1,342,995	52.99	144,418	69,220	1,068,509	84,003	38,855	424,852	52,803	36,331	10,467	4,006	33,103	21,525
November....	303,606	1,332,138	46.60	105,805	59,141	1,110,743	49,940	24,766	379,770	22,462	22,594	4,885	2,220	28,042	22,715
December....	260,911	1,320,649	42.21	42,106	45,244	1,105,659	22,018	15,686	373,606	19,056	11,471	5,037	1,812	14,763	18,571
<b>1921.</b>															
January.....	291,843	1,302,849	36.89	24,698	42,793	1,073,594	3,659	7,554	361,100	24,319	12,087	5,250	2,664	11,221	15,883
February....	334,054	1,284,291	33.99	22,274	48,603	1,056,161	5,482	18,665	372,835	23,722	16,117	5,336	4,947	21,539	19,215
March.....	384,300	1,287,447	31.92	63,126	63,126	1,027,624	5,576	19,600	367,371	26,396	18,028	6,217	9,255	24,423	20,020
April.....	366,631	1,248,058	30.71	74,324	74,453	998,258	8,971	22,922	342,177	29,180	24,040	6,643	13,521	28,993	21,505
May.....	387,736	1,223,441	31.78	109,266	73,942	1,015,276	53,423	30,273	325,209	42,068	24,790	9,265	11,135	26,999	23,604
June.....	367,357	1,225,461	32.39	119,831	75,968	1,072,349	75,357	31,097	382,202	51,035	27,553	11,870	13,051	29,316	29,995
July.....	370,310	1,256,643	32.27	108,354	76,120	1,103,480	68,597	26,914	371,804	50,558	24,890	11,949	11,504	30,989	32,879
August.....	396,062	1,225,839	32.52	103,948	90,397	1,120,913	69,240	36,150	403,083	54,047	31,209	12,834	16,589	31,360	28,553
September....	391,948	1,183,042	35.79	84,984	91,996	1,101,300	58,940	36,543	324,761	43,767	39,920	16,795	12,708	32,396	30,758
October.....	401,484	1,083,311	42.57	82,144	105,780	1,085,943	58,348	47,808	427,720	33,881	47,327	8,878	10,995	39,347	42,406
November....	423,702	1,087,727	47.41	63,155	96,496	1,056,576	35,445	37,018	363,698	12,275	41,799	3,659	7,635	42,497	42,980
December....	389,832	1,125,979	43.57	37,145	82,505	1,052,423	26,278	34,327	401,677	19,205	25,458	5,311	4,582	43,190	40,530
<b>1922.</b>															
January.....	396,120	1,172,652	41.96	35,385	82,874	966,705	20,318	24,287	381,316	22,530	28,444	6,052	5,908	42,490	32,270
February....	373,626	1,200,704	43.53	41,793	89,272	907,712	9,327	23,893	378,640	18,612	25,565	5,160	4,717	50,890	41,090
March.....	428,103	1,208,089	40.96	66,509	116,551	823,200	7,290	30,327	314,258	34,783	34,295	9,018	9,061	52,290	50,050
April.....	397,553	1,159,422	41.35	108,186	132,001	805,870	19,149	32,730	287,452	52,096	48,416	13,430	8,748	54,180	50,330
May.....	477,898	1,111,878	42.48	160,087	162,776	778,475	60,951	37,878	223,196	68,252	58,428	18,115	9,986	52,990	57,890
June.....	499,247	1,095,580	45.63	163,816	173,981	758,551	93,099	53,327	347,278	65,662	58,398	20,287	10,896	54,250	52,360
July.....	446,468	1,091,060	45.22	141,898	155,837	794,040	89,366	40,405	386,171	62,065	57,409	19,880	13,574	55,370	53,480
August.....	479,138	1,117,534	46.12	175,630	161,840	796,220	131,500	68,128	430,529	65,741	64,980	18,877	21,936	54,600	59,930
September....	445,258	1,207,900	49.45	176,195	133,116	925,412				52,803	56,363	15,294	21,948	55,230	61,180
October.....															
November....															
December....															

See footnotes on opposite page also.

<sup>1</sup> 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. The 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 reporting. 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, which 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.

<sup>6</sup> Data from *U. S. Department of Labor, Bureau of Labor Statistics* and represent average weekly prices for the month. The 1913 monthly average on which the index numbers are based, is \$23.04 per thousand feet.

## LUMBER—MISCELLANEOUS SPECIES.

Table 43.—INDEX NUMBERS.

From Government and non-Government sources.

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

YEAR AND MONTH.	DOUGLAS FIR. <sup>1</sup>			MICHIGAN SOFTWOODS. <sup>3</sup>			NORTHERN HEMLOCK. <sup>4</sup>		CALIFORNIA REDWOOD. <sup>5</sup>			TOTAL LUMBER.	
	Pro- duc- tion.	Ship- ments.	Price, <sup>2</sup> No. 1, com- mon, State of Wash- ington.	Pro- duc- tion.	Ship- ments.	Stocks, end of month.	Pro- duc- tion.	Ship- ments.	Pro- duc- tion.	Ship- ments.	Orders re- ceived.	Pro- duc- tion. <sup>6</sup>	Exports, Boards, planks, joists, etc. <sup>7</sup>
	Relative to 1917.		Rel. to 1913.	Relative to 1917.			Relative to 1913.		Relative to 1918.			Rel. to 1913.	Rel. to 5-yr. av.
1909-1913 monthly average.....													100
1913 monthly average.....			100				100	100				100	121
1914 monthly average.....			86				100	89					96
1915 monthly average.....			86				82	95					95
1916 monthly average.....			113				84	98					103
1917 monthly average.....	100	100	172	100	100	<sup>2</sup> 100	94	91					97
1918 monthly average.....	107	112	198	67	74	<sup>2</sup> 69	89	104	100	100	100		85
1919 monthly average.....	107	110	276	65	72	<sup>2</sup> 50	80	102	97	113	139		94
1920 monthly average.....	109	104	325	53	37	<sup>2</sup> 52	72	53	118	124	106		94
1921 monthly average.....	85	92	129	39	40	70	46	52	106	100	102		80
<b>1920.</b>													
September.....	108	93	277	78	35	56	75	56	132	104	128		97
October.....	107	97	266	57	31	60	73	49	122	108	148		92
November.....	98	85	179	40	21	62	57	40	139	124	72		80
December.....	71	77	179	33	12	69	46	25	84	61	36		60
<b>1921.</b>													
January.....	47	56	168	28	10	70	50	16	55	63	29		56
February.....	57	64	136	31	13	72	46	24	60	60	63		66
March.....	73	86	136	46	27	75	42	31	116	105	119		79
April.....	80	98	136	55	24	76	45	47	93	108	106		80
May.....	92	111	125	55	37	76	52	50	122	81	98		89
June.....	91	97	125	46	50	75	60	61	108	77	79		88
July.....	78	83	125	27	34	71	60	44	86	77	47		82
August.....	94	113	114	37	41	74	61	59	129	119	116		87
September.....	97	98	114	31	62	71	42	70	113	105	121		83
October.....	107	113	114	26	74	63	31	94	113	117	155		86
November.....	105	97	125	48	64	60	32	80	135	171	197		87
December.....	99	93	125	31	41	61	26	47	105	117	105		80
<b>1922.</b>													
January.....	100	102	125	26	32	56	55	38	100	120	139		85
February.....	116	107	136	18	34	51	35	33	87	132	135		84
March.....	115	114	124	24	34	48	54	58	130	156	169		95
April.....	121	136	125	51	46	47	66	60	126	128	147		96
May.....	133	151	147	57	54	46	72	98	169	184	218		114
June.....	140	160	147	72	48	47	90	108	133	163	147		120
July.....	136	138	158	51	43	58	77	85	105	105	110		109
August.....	136	133	179	63	50	43	69	81	132	149	169		117
September.....	137	129	212	63	53	50	67	89	126	154	134		60
October.....													
November.....													
December.....													

See footnotes on opposite page also.

<sup>1</sup> 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 447,654,540 board feet.

<sup>2</sup> Data from *U. S. Department of Labor, Bureau of Labor Statistics*, and represent average weekly prices for the month.

<sup>3</sup> 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 reporting since the beginning of 1920.

<sup>4</sup> 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.

## LUMBER—MISCELLANEOUS SPECIES.

Table 44.—NUMERICAL DATA.

From Government and non-Government sources.

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

YEAR AND MONTH.	DOUGLAS FIR. <sup>1</sup>			MICHIGAN SOFTWOODS. <sup>2</sup>			NORTHERN HEMLOCK. <sup>4</sup>		CALIFORNIA REDWOOD. <sup>5</sup>			TOTAL LUMBER.	
	Produc- tion.	Ship- ments.	Price, <sup>3</sup> No. 1, com- mon, State of Wash- ington.	Produc- tion.	Ship- ments.	Stocks, end of month.	Produc- tion.	Ship- ments.	Pro- duc- tion.	Ship- ments.	Orders re- ceived.	Produc- tion. <sup>6</sup>	Exports: Boards, planks, joists, etc. <sup>7</sup>
	Thousands of feet, board measure.		Per M feet.	Thousands of feet, board measure.									
1909 1913 mo. average..													178,388
1913 monthly average..			\$9.208				37,664	36,442				2,197,334	216,066
1914 monthly average..			7.917				37,603	32,339				2,102,537	149,145
1915 monthly average..			7.875				30,718	34,653				2,086,531	93,959
1916 monthly average..			10.375				31,798	35,659				2,262,175	91,216
1917 monthly average..	349,165	323,201	15.875	17,288	17,741	106,216	35,327	33,169				2,141,144	85,220
1918 monthly average..	375,128	361,251	18.250	11,661	13,200	84,180	33,643	37,974	37,460	28,470	28,844	1,874,419	85,452
1919 monthly average..	374,680	355,432	25.417	11,294	12,857	52,994	30,056	37,051	36,336	32,116	40,082	2,069,522	109,268
1920 monthly average..	380,850	335,735	29.917	9,207	6,494	55,518	27,290	19,431	44,243	35,212	30,717	2,059,875	129,227
1921 monthly average..	297,737	298,505	11.833	6,658	7,034	74,724	17,184	18,927	39,618	28,441	29,472	1,762,264	100,587
<b>1920.</b>													
September.....	376,471	300,371	25.500	13,549	6,274	59,580	28,280	20,449	49,333	29,618	36,845	2,132,601	135,983
October.....	372,890	314,696	24.500	9,895	5,566	63,992	27,333	17,991	45,785	30,748	42,690	2,028,064	128,187
November.....	340,659	274,407	16.500	6,830	3,702	66,230	21,590	14,574	52,158	35,378	20,640	1,749,753	99,086
December.....	249,339	247,996	16.500	5,666	2,095	73,227	17,294	9,065	31,403	17,235	10,243	1,326,679	100,496
<b>1921.</b>													
January.....	163,391	182,192	15.500	4,842	1,729	74,772	18,979	5,930	20,768	17,821	8,480	1,221,402	86,182
February.....	213,527	205,470	12.500	5,380	2,333	76,563	17,183	8,584	33,607	16,940	18,080	1,453,379	66,342
March.....	253,368	277,989	12.500	7,974	4,773	79,568	15,709	11,302	43,496	30,002	34,248	1,731,420	73,180
April.....	277,989	315,591	12.500	9,457	4,324	80,587	17,101	17,059	35,002	30,635	27,867	1,757,943	96,558
May.....	320,515	358,565	11.500	9,559	6,568	80,728	19,638	18,234	45,799	23,051	28,394	1,948,155	79,665
June.....	316,039	314,248	11.500	8,021	8,823	80,129	22,740	22,376	40,539	21,786	22,817	1,926,225	106,862
July.....	273,064	267,245	11.500	4,752	6,006	75,722	22,444	16,107	32,334	21,935	13,682	1,794,298	106,388
August.....	329,020	363,937	10.500	6,363	7,217	78,229	22,883	21,356	48,748	33,797	33,417	1,919,598	105,848
September.....	337,973	316,486	10.500	5,403	11,048	75,431	15,705	25,544	42,721	29,817	35,024	1,824,442	100,585
October.....	374,681	366,176	10.500	4,519	13,086	66,576	11,782	34,296	42,423	33,417	44,599	1,888,226	123,264
November.....	366,646	312,477	11.500	8,245	11,277	63,677	12,091	29,259	50,489	48,814	56,820	1,916,251	110,902
December.....	346,634	301,688	11.500	5,386	7,219	64,703	9,953	17,076	39,490	33,280	30,235	1,765,825	151,268
<b>1922.</b>													
January.....	350,081	330,831	11.500	4,575	5,720	59,475	20,633	13,867	37,386	34,057	40,067	1,865,240	148,675
February.....	403,802	346,500	12.500	3,117	6,083	54,605	13,368	11,931	32,648	37,536	38,841	1,837,104	125,973
March.....	402,459	367,988	11.500	4,211	6,103	50,752	20,290	21,051	48,884	44,507	48,604	2,078,404	159,869
April.....	422,157	439,169	11.500	8,893	8,157	49,716	24,793	21,913	47,099	35,888	42,479	2,103,965	132,807
May.....	464,686	487,518	13.500	9,832	9,546	48,807	27,187	35,630	63,162	52,378	62,945	2,497,962	135,953
June.....	488,861	518,407	13.500	12,406	8,563	50,137	33,879	39,240	49,736	46,363	42,412	2,641,883	152,379
July.....	476,199	445,625	14.500	8,846	7,563	61,475	28,857	30,971	39,296	29,968	31,616	2,399,556	115,858
August.....	475,878	430,215	16.500	10,863	8,882	45,798	26,112	29,570	49,335	42,517	48,661	2,574,588	123,233
September.....	477,222	415,442	19.500	10,901	9,345	53,607	25,073	32,333	47,312	43,903	38,509		106,943
October.....													
November.....													
December.....													

See footnotes on opposite page also.

<sup>5</sup> 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 per cent of the capacity of all listed mills. For the remaining months of 1921 and for 1922 reports are available from 11 mills representing 71 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 of 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 the 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.

<sup>6</sup> Figures in this column represent the total cut of 10 species of lumber—yellow pine, Douglas fir, hemlock, western pine, maple, redwood, 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 in these columns to the Forest Service totals. For subsequent months prorating is done on an approximate average for the years 1917 to 1920.

<sup>7</sup> Exports of lumber are from U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.

## FLOORING AND NAVAL STORES.

Table 45.—INDEX NUMBERS.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	MAPLE FLOORING.					OAK FLOORING.					TURPENTINE. <sup>2</sup>		ROSIN. <sup>2</sup>	
	Production.	Shipments.	Stocks, end of month.	Orders booked.	Unfilled orders, end of month.	Production.	Shipments.	Orders booked.	Stocks, end of month.	Unfilled orders, end of month.	Net receipts (3 ports).	Stocks (3 ports).	Net receipts (3 ports).	Stocks (3 ports).
	Relative to 1919.					Relative to 1913.					Relative to 1919-20. <sup>3</sup>			
1909-1913 mo. av.						71	76	77	131	85				
1913 monthly av.						<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>				
1914 monthly av.						112	114	122	183	80	174		150	
1915 monthly av.						138	148	156	232	98	150	192	165	143
1916 monthly av.						173	191	187	250	210	173	240	166	170
1917 monthly av.						167	174	147	277	288	151	358	143	168
1918 monthly av.						73	92	78	294	109	84	383	83	141
1919 monthly av.	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	151	184	193	160	207	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 monthly av.	103	70	103	36	70	161	130	104	258	178	143	109	123	104
1921 monthly av.	83	69	199	63	27	186	226	230	375	161	141	149	128	164
<b>1920.</b>														
September.....	110	52	125	22	38	108	83	66	361	74	211	143	173	92
October.....	107	53	154	17	26	112	78	62	383	73	181	160	146	102
November.....	87	39	178	19	19	110	92	77	409	55	157	158	148	129
December.....	67	33	196	19	15	94	76	44	425	59	138	172	137	156
<b>1921.</b>														
January.....	53	36	200	30	13	64	70	85	444	50	59	166	65	162
February.....	47	42	198	42	16	83	99	88	443	56	36	134	46	165
March.....	81	62	203	51	17	127	174	209	444	51	55	94	33	151
April.....	74	57	206	61	21	153	199	229	413	84	92	91	52	157
May.....	83	67	206	72	25	189	211	194	397	127	169	124	104	163
June.....	90	69	209	57	27	204	229	200	418	153	220	119	141	160
July.....	77	66	209	49	23	193	212	180	391	138	239	157	157	175
August.....	84	80	202	75	28	235	261	250	393	134	222	170	162	171
September.....	75	80	187	68	28	223	280	273	371	132	192	179	154	169
October.....	108	93	185	105	38	244	353	451	308	237	153	187	140	163
November.....	113	94	184	102	46	254	325	389	232	290	161	206	171	160
December.....	117	76	200	49	36	262	301	214	242	288	151	215	203	175
<b>1922.</b>														
January.....	110	72	216	50	32	289	249	223	305	293	46	172	109	171
February.....	92	67	222	57	31	259	274	263	321	288	21	107	69	156
March.....	92	89	218	84	37	305	378	385	312	344	22	62	79	147
April.....	91	90	208	98	47	298	370	491	296	462	86	36	104	133
May.....	100	115	186	135	66	328	420	501	261	557	188	15	166	131
June.....	118	121	173	98	69	352	477	401	225	530	205	35	180	149
July.....	104	109	159	78	65	361	404	350	230	492	212	53	176	160
August.....	130	118	151	84	59	415	450	425	234	513	225	83	190	171
September.....	125	107	150	85	58	358	427	360	235	496	196	95	180	175
October.....														
November.....														
December.....														

See footnotes on opposite page.

## FLOORING AND NAVAL STORES.

Table 46.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	MAPLE FLOORING.					OAK FLOORING.					TURPENTINE. <sup>2</sup>		ROSIN. <sup>2</sup>	
	Production.	Shipments.	Stocks, end of month.	Orders booked.	Unfilled orders, end of month.	Production.	Shipments.	Orders booked.	Stocks, end of month.	Unfilled orders, end of month.	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	11,780	6,160				
1913 monthly av.						<b>6,675</b>	<b>6,009</b>	<b>6,104</b>	<b>9,000</b>	<b>7,250</b>				
1914 monthly av.						7,464	6,877	7,419	16,500	5,800	26,494		83,914	
1915 monthly av.						9,205	8,894	9,525	20,900	7,100	22,807	59,721	92,260	275,273
1916 monthly av.						11,563	11,470	11,429	22,500	15,250	26,312	74,513	93,023	325,956
1917 monthly av.						11,120	10,446	8,956	24,900	20,900	23,054	111,396	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.	<b>10,039</b>	<b>11,848</b>	<b>15,448</b>	<b>14,163</b>	<b>38,289</b>	10,101	11,070	11,782	14,433	15,038	<b>15,240</b>	<b>31,092</b>	<b>55,937</b>	<b>192,287</b>
1920 monthly av.	10,383	8,259	15,963	5,106	26,723	10,745	7,800	6,343	23,237	12,902	21,869	34,013	68,983	200,226
1921 monthly av.	8,378	8,121	30,749	8,991	10,176	12,411	13,586	14,058	33,729	11,649	21,436	46,315	71,835	314,974
<b>1920.</b>														
September.....	11,027	6,135	19,306	3,079	14,726	7,200	4,979	4,019	32,534	5,331	32,162	44,396	96,591	176,612
October.....	10,782	6,274	23,807	2,456	9,790	7,499	4,711	3,785	34,476	5,311	27,640	49,885	81,712	195,837
November.....	8,707	4,634	27,520	2,632	7,266	7,368	5,509	4,695	36,850	3,997	23,893	49,209	82,877	247,253
December.....	6,693	3,928	30,255	2,736	5,570	6,251	4,562	2,694	38,257	4,287	20,974	53,356	76,738	300,315
<b>1921.</b>														
January.....	5,289	4,250	30,886	4,299	5,113	4,269	4,182	5,217	39,949	3,620	8,919	51,563	36,234	310,905
February.....	4,754	4,963	30,620	5,947	6,112	5,508	5,966	5,355	39,843	4,095	5,455	41,755	25,935	316,440
March.....	8,101	7,300	31,314	7,253	6,392	8,464	10,474	12,742	39,998	3,666	8,430	29,299	18,507	289,971
April.....	7,479	6,741	31,896	8,630	8,150	10,222	11,981	14,002	37,213	6,111	14,055	28,412	29,356	301,713
May.....	8,311	7,963	31,896	10,162	9,897	12,609	12,702	11,869	35,764	9,240	25,768	38,418	58,293	312,507
June.....	9,038	8,234	32,271	8,100	10,311	13,636	13,767	12,186	37,588	11,095	33,468	36,949	78,883	308,341
July.....	7,721	7,813	32,268	6,968	8,961	12,895	12,737	10,996	35,201	9,969	36,435	48,775	88,097	335,674
August.....	8,438	9,469	31,180	10,564	10,541	15,717	15,670	15,256	35,352	9,722	33,773	52,861	90,430	328,907
September.....	7,510	9,472	28,893	9,632	10,868	14,900	16,837	16,667	33,415	9,552	29,204	55,509	86,008	324,486
October.....	10,851	11,066	28,516	14,897	14,597	16,266	21,209	27,559	27,742	20,808	23,328	58,066	78,115	313,901
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	95,501	307,496
December.....	11,713	9,042	30,865	6,927	13,894	17,510	18,065	13,070	21,763	20,888	23,070	66,965	113,524	336,680
<b>1922.</b>														
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	20,907	3,240	33,204	38,533	299,305
March.....	9,218	10,548	33,632	11,923	14,282	20,367	22,690	23,479	28,090	24,935	3,301	19,280	44,069	282,428
April.....	9,093	10,631	32,174	13,853	17,839	19,892	22,227	29,951	26,615	33,501	13,139	11,081	58,015	255,326
May.....	10,701	13,606	28,793	19,076	25,098	21,914	25,251	30,608	23,534	40,417	28,659	4,601	93,019	251,823
June.....	11,866	14,280	26,719	13,920	26,330	23,495	28,646	24,472	20,245	38,434	31,306	10,731	100,556	287,138
July.....	10,434	12,956	24,528	11,078	25,076	24,082	24,261	21,340	20,712	35,637	32,306	16,491	98,368	308,027
August.....	13,047	14,002	23,272	11,950	22,668	27,669	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	25,672	21,991	20,120	35,957	29,797	29,601	100,522	335,702
October.....														
November.....														
December.....														

<sup>1</sup> 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*.

<sup>2</sup> Monthly averages for years refer to seasons beginning April 1.

## BRICK.

Table 47.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	CLAY FIRE BRICK. <sup>2</sup>					SILICA BRICK. <sup>3</sup>			FACE BRICK. <sup>4</sup>				WHOLESALE PRICES.	
	Production.	Shipments.	Stocks.	New orders.	Unfilled orders.	Production.	Shipments.	Stocks.	Production.	Stocks in sheds and kilns.	Unfilled orders.	Shipments.	Common brick, salmon, run of kiln, Chicago.	Common brick, red, New York.
	Relative to 1919.												Relative to 1920 (10 mos.)	Relative to 1913.
1913 monthly av. . . . .													100	100
1914 monthly av. . . . .													99	84
1915 monthly av. . . . .													97	92
1916 monthly av. . . . .													97	122
1917 monthly av. . . . .													100	135
1918 monthly av. . . . .													151	182
1919 monthly av. . . . .	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		181	243
1920 monthly av. . . . .	120	123	93	120	195	106	111	103	100	140	134	<sup>5</sup> 100	232	333
1921 monthly av. . . . .	63	57	99	45	38	40	40	107	79	153	43	86	189	232
<b>1920.</b>														
September. . . . .	118	140	86	118	199	88	131	90	91	140	79	104	246	240
October. . . . .	120	144	78	109	181	110	122	96	90	162	60	96	251	251
November. . . . .	120	128	75	50	140	116	122	84	75	154	43	47	249	251
December. . . . .	121	111	79	48	106	97	107	81	59	163	33	31	251	259
<b>1921.</b>														
January. . . . .	105	90	85	39	76	77	58	89	39	173	33	27	229	251
February. . . . .	81	70	89	40	60	66	40	98	34	173	33	36	227	251
March. . . . .	83	63	97	33	45	63	34	108	41	155	36	75	235	248
April. . . . .	52	51	97	38	38	24	30	106	63	137	41	78	186	229
May. . . . .	49	45	99	41	36	17	37	99	84	136	48	94	177	221
June. . . . .	53	43	103	44	37	28	18	103	91	133	49	106	170	221
July. . . . .	43	43	103	33	32	13	22	99	96	138	49	102	172	225
August. . . . .	52	52	103	47	29	27	27	100	118	160	55	128	172	225
September. . . . .	49	51	102	50	29	33	28	101	91	141	47	108	171	232
October. . . . .	60	63	100	59	27	32	34	101	104	157	44	118	174	229
November. . . . .	63	58	102	58	28	33	38	99	101	159	42	87	175	229
December. . . . .	67	60	105	54	25	34	52	93	85	181	40	71	181	221
<b>1922.</b>														
January. . . . .	59	62	100	61	25	47	59	87	56	173	37	46	170	232
February. . . . .	68	59	106	70	32	47	52	86	51	170	52	57	170	255
March. . . . .	84	76	107	84	34	65	56	88	93	176	69	117	173	248
April. . . . .	82	76	108	89	42	70	75	87	104	162	81	146	173	255
May. . . . .	92	87	110	99	48	87	76	91	121	136	102	174	177	302
June. . . . .	95	90	111	112	61	82	76	93	132	133	104	175	178	307
July. . . . .	93	91	114	108	72	81	89	90	116	123	105	156	186	307
August. . . . .	102	97	117	102	79	69	83	86	104	102	88	144	177	290
September. . . . .	96	104	113	116	85	91	81	89	114	113	94	135	178	255
October. . . . .														
November. . . . .														
December. . . . .														

See footnotes on opposite page also.

<sup>1</sup> Except wholesale prices, monthly averages, from U. S. Department of Labor, Bureau of Labor Statistics. The sources of the other data in this table are: Clay fire and silica brick from the Refractories Manufacturers' Association and face brick from the American Face Brick Association.

<sup>2</sup> 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 68 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 71,572,188, 73,526,103, and 73,307,190 bricks.

## BRICK.

Table 48.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	CLAY FIRE BRICK. <sup>2</sup>					SILICA BRICK. <sup>3</sup>			Number of mills reporting.	FACE BRICK. <sup>4</sup>				WHOLESALE PRICES.		
	Pro-duction.	Shp-ments.	Stocks.	New orders.	Unfilled orders.	Pro-duction.	Shp-ments.	Stocks.		Pro-duction.	Stocks in sheds and kilns.	Unfilled orders.	Shp-ments.	Com-mon brick, salmon, run of kiln, Chicago.	Com-mon brick, red, New York.	
	Thousands of bricks.									Thousands of bricks.				Per thousand.		
1913 monthly average.															<b>\$4.94</b>	<b>\$6.56</b>
1914 monthly average.															4.87	5.53
1915 monthly average.															4.78	6.05
1916 monthly average.															4.78	8.04
1917 monthly average.															4.95	8.89
1918 monthly average.															7.45	11.93
1919 monthly average.	<b>50,727</b>	<b>50,648</b>	<b>138,810</b>	<b>51,434</b>	<b>93,746</b>	<b>14,062</b>	<b>14,008</b>	<b>41,750</b>		<b>45,184</b>	<b>89,119</b>	<b>86,279</b>			8.95	15.96
1920 monthly average.	60,715	62,438	129,235	61,809	182,513	14,904	15,580	42,911		45,120	124,471	115,696	<b>32,412</b>		11.44	21.85
1921 monthly average.	32,029	29,114	136,967	22,958	35,976	5,595	5,552	44,592		35,681	136,754	37,059	27,851		9.33	15.25
<b>1920.</b>																
September.....	59,614	70,781	119,463	60,479	186,863	12,342	18,322	37,409	99	41,221	124,957	68,075	33,575		12.16	15.77
October.....	61,108	72,826	107,745	55,917	169,954	15,428	17,066	35,770	105	40,673	144,518	51,769	31,127		12.40	16.50
November.....	61,029	64,726	104,049	25,717	130,867	16,356	17,039	35,088	96	33,695	137,479	36,873	15,092		12.31	16.50
December.....	61,187	56,153	109,161	24,616	99,408	13,653	14,963	33,750	96	26,437	145,576	28,783	10,170		12.40	17.00
<b>1921.</b>																
January.....	53,244	45,377	118,290	19,954	71,428	10,866	8,066	37,035	106	17,833	154,092	28,392	8,704		11.31	16.50
February.....	41,298	35,674	123,914	20,811	56,565	9,319	5,583	40,771	99	15,314	154,156	28,425	11,628		11.21	16.50
March.....	42,284	31,923	134,275	17,196	41,839	8,927	4,763	44,934	101	18,611	137,994	30,668	24,463		11.58	16.25
April.....	26,527	25,791	135,011	19,499	35,546	3,326	4,156	44,104	96	28,603	122,041	35,187	25,282		9.17	15.00
May.....	24,958	22,791	137,178	21,075	33,830	2,442	5,161	41,385	92	37,734	121,185	41,298	30,474		8.74	14.50
June.....	26,967	21,862	142,283	22,397	34,365	3,879	2,455	42,809	88	41,303	118,192	42,476	34,266		8.41	14.50
July.....	21,909	21,587	142,604	16,851	29,629	1,847	3,150	41,507	94	43,188	122,671	42,261	33,189		8.49	14.75
August.....	26,189	26,485	142,308	24,190	27,334	3,836	3,752	41,591	97	53,410	142,178	47,050	41,609		8.51	14.75
September.....	24,641	25,931	141,017	25,512	27,033	4,633	3,883	42,341	84	41,066	125,850	40,387	34,848		8.46	15.25
October.....	30,409	32,115	139,311	30,133	25,149	4,554	4,806	42,089	90	47,086	139,595	37,919	38,315		8.57	15.00
November.....	31,921	29,230	142,002	29,964	25,883	4,572	5,282	41,379	94	45,582	142,135	35,891	28,280		8.63	15.50
December.....	34,000	30,596	145,406	27,915	23,108	4,754	7,321	38,812	97	38,444	160,961	34,755	23,151		8.93	14.50
<b>1922.</b>																
January.....	30,121	31,301	138,574	31,222	23,751	6,581	8,246	36,344	87	25,331	154,285	31,799	14,902		8.40	15.23
February.....	34,683	30,043	146,911	35,941	30,357	6,663	7,263	35,743	86	22,926	151,769	44,513	18,392		8.38	16.75
March.....	42,626	38,694	149,034	43,098	31,537	9,120	7,837	36,944	88	42,133	156,906	59,852	37,991		8.55	16.25
April.....	41,446	38,458	150,292	45,851	39,402	9,830	10,485	36,316	84	46,767	144,223	69,638	47,326		8.52	16.75
May.....	46,794	44,120	152,259	51,041	45,300	12,233	10,704	37,845	81	54,867	121,540	87,626	56,433		8.73	19.81
June.....	48,367	45,772	153,517	57,805	56,861	11,578	10,676	38,747	81	59,756	118,756	89,860	56,762		8.78	20.15
July.....	47,266	45,851	158,236	55,681	67,557	11,332	12,533	37,572	82	52,408	109,545	90,678	50,579		9.16	20.15
August.....	51,828	49,075	162,876	52,300	74,399	9,666	11,687	35,743	74	46,849	91,339	75,825	46,710		8.72	19.00
September.....	48,839	52,693	156,899	59,771	79,511	12,861	11,332	37,108	77	51,674	100,559	80,886	43,621		8.80	16.75
October.....																
November.....																
December.....																

See footnotes on opposite page also.

<sup>1</sup> 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.

<sup>2</sup> The figures on face brick include data from all firms reporting to the *American Face Brick Association* each month. The variation in the number of firms reporting does not materially affect the comparison, as it has been checked on a small number of identical firms.

<sup>3</sup> Ten months' average.

## SANITARY WARE.

Table 49.—INDEX NUMBERS.

Based on data from commercial and trade sources.

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

YEAR AND MONTH.	ENAMELED WARE. <sup>1</sup>												SANITARY POTTERY. <sup>2</sup>
	BATHS.			LAVATORIES.			SINKS.			MISCELLANEOUS.			
	Orders shipped.	Stocks.	Orders received.	Orders shipped.	Stocks.	Orders received.	Orders shipped.	Stocks.	Orders received.	Orders shipped.	Stocks.	Orders received.	
	Relative to 1919.												
1913 mo. av. ....	115			104			98			111			
1914 mo. av. ....	123			108			106			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. ....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 mo. av. ....	149	50	53	112	31	73	110	53	65	109	59	66	34
1921 mo. av. ....	120	179	59	127	78	77	122	89	73	119	112	76	43
<b>1920.</b>													
September.....	178	29	36	117	22	59	110	38	44	127	51	49	38
October.....	181	33	30	120	21	83	120	34	45	141	41	57	21
November.....	156	61	22	131	27	33	136	39	31	110	51	35	12
December.....	82	138	12	125	32	27	111	50	25	103	63	26	7
<b>1921.</b>													
January.....	65	214	23	102	49	65	75	64	54	104	82	54	16
February.....	71	280	30	136	59	65	96	78	50	98	101	52	21
March.....	78	301	42	129	84	73	128	86	68	129	118	78	32
April.....	100	271	47	129	84	67	123	85	69	130	121	71	32
May.....	101	236	51	114	34	63	124	84	72	103	115	68	32
June.....	118	202	63	123	87	74	123	88	78	115	117	84	33
July.....	142	154	68	124	95	83	121	94	69	117	120	70	44
August.....	163	116	89	135	92	87	134	103	81	125	132	88	42
September.....	157	75	82	145	35	92	134	102	88	131	118	92	53
October.....	183	71	89	169	67	111	170	85	110	154	103	108	67
November.....	148	96	59	120	72	70	130	91	71	117	101	75	54
December.....	112	126	60	99	80	68	105	106	71	97	115	71	85
<b>1922.</b>													
January.....	140	127	84	138	73	109	135	103	96	137	104	130	124
February.....	152	135	70	154	73	93	135	103	81	125	101	84	52
March.....	189	167	91	199	90	130	166	122	108	158	108	115	52
April.....	226	143	154	222	75	188	181	107	160	174	107	153	81
May.....	237	113	215	235	56	262	200	82	222	178	97	192	95
June.....	238	90	184	224	49	221	197	66	189	171	83	177	97
July.....	204	71	142	184	45	151	160	56	141	142	79	147	129
August.....	227	54	118	206	42	134	174	47	117	150	74	135	171
September.....	219	50	114	193	38	135	166	46	128	167	63	138	205
October.....													
November.....													
December.....													

See footnotes on opposite page.



## SANITARY WARE.

Table 50.—NUMERICAL DATA.

From commercial and trade sources.

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

YEAR AND MONTH.	ENAMELED WARE. <sup>1</sup>												SANITARY POTTERY. <sup>2</sup>
	BATHS.			LAVATORIES.			SINKS.			MISCELLANEOUS.			
	Orders shipped.	Stocks.	Orders received.	Orders shipped.	Stocks.	Orders received.	Orders shipped.	Stocks.	Orders received.	Orders shipped.	Stocks.	Orders received.	
	Number.												
1913 mo. av.....	39,831			47,754			53,428				31,555		
1914 mo. av.....	42,450			49,527			57,789				34,655		
1915 mo. av.....	46,977			55,769			70,626				29,367		
1916 mo. av.....	51,181			65,230			74,293				40,887		
1917 mo. av.....	33,172			44,888			48,419				22,201		
1918 mo. av.....	19,495	60,530	21,514	32,697	132,369	34,322	33,097	145,329	35,089	23,405	77,034	25,427	
1919 mo. av.....	<b>34,608</b>	<b>42,175</b>	<b>69,872</b>	<b>45,768</b>	<b>139,751</b>	<b>73,612</b>	<b>54,584</b>	<b>125,814</b>	<b>88,018</b>	<b>28,383</b>	<b>79,869</b>	<b>41,900</b>	<b>430</b>
1920 mo. av.....	51,441	20,951	36,774	51,438	43,302	53,438	60,231	66,333	57,502	31,062	47,410	27,691	145
1921 mo. av.....	41,510	75,324	40,911	58,169	109,318	56,565	66,458	111,764	64,577	33,640	89,394	31,803	183
<b>1920.</b>													
September.....	61,617	12,324	24,950	53,708	30,262	43,196	60,097	47,643	38,357	36,114	40,463	20,655	165
October.....	62,683	14,024	21,298	54,934	29,985	60,849	65,728	42,733	39,209	39,948	32,835	23,824	90
November.....	54,008	25,929	15,558	59,994	37,291	24,009	74,030	48,787	27,049	31,125	40,671	14,685	50
December.....	28,230	58,221	8,119	57,221	45,291	19,560	60,444	63,453	22,208	29,272	50,440	11,045	30
<b>1921.</b>													
January.....	22,444	90,303	16,340	46,811	69,052	47,846	40,979	80,752	47,243	29,494	65,831	22,553	70
February.....	24,499	118,205	21,302	62,097	82,501	48,022	52,181	97,924	44,442	27,738	80,533	21,757	90
March.....	27,157	127,128	29,460	59,263	117,204	53,481	69,623	107,730	59,456	36,737	94,389	32,810	139
April.....	34,573	114,391	32,625	59,140	117,750	49,060	67,141	106,862	61,120	37,020	96,524	29,571	187
May.....	35,011	99,525	35,717	52,323	117,422	46,686	67,487	105,916	63,250	29,341	91,737	28,661	137
June.....	40,933	85,062	43,973	56,278	121,969	54,428	66,924	110,776	68,858	32,674	93,365	35,084	140
July.....	49,314	64,969	47,187	56,733	132,453	61,378	65,861	118,638	60,449	33,155	95,792	29,505	189
August.....	56,515	49,009	61,961	61,667	128,354	63,882	73,047	129,570	71,191	35,616	105,781	36,788	179
September.....	54,377	31,474	57,024	66,328	118,272	67,381	73,101	127,822	77,359	37,268	94,134	38,359	227
October.....	63,217	30,010	62,279	77,293	94,091	81,978	92,820	107,332	97,104	43,792	82,017	45,137	288
November.....	51,259	40,667	41,173	54,924	100,912	51,677	70,899	114,830	62,228	33,330	80,980	31,537	232
December.....	38,818	53,140	41,993	45,176	111,834	49,961	57,430	133,014	62,222	27,518	91,643	29,879	367
<b>1922.</b>													
January.....	48,425	53,422	58,420	63,047	102,190	80,124	73,877	129,586	84,791	38,831	83,242	54,545	535
February.....	52,575	56,759	49,134	70,654	101,566	68,414	73,660	129,505	71,434	35,446	80,742	35,240	222
March.....	65,243	70,587	63,815	91,039	126,228	95,891	90,764	152,980	95,137	44,912	86,334	48,062	225
April.....	78,130	60,260	107,566	101,482	104,543	138,757	98,905	135,071	140,620	49,402	85,528	63,910	347
May.....	82,100	47,694	150,475	107,708	78,062	192,546	109,377	102,747	195,503	50,644	77,788	80,341	409
June.....	82,378	37,846	128,876	102,345	68,558	162,788	107,671	82,831	166,095	48,507	66,636	74,159	419
July.....	70,700	29,756	99,235	84,077	62,349	111,455	87,492	70,789	123,938	40,187	62,981	61,491	555
August.....	78,435	22,775	82,536	94,219	58,483	98,765	95,235	59,400	102,617	42,634	59,088	56,516	737
September.....	75,766	21,195	79,722	88,161	52,826	99,232	90,456	58,034	112,951	47,450	49,975	57,813	880
October.....													
November.....													
December.....													

<sup>1</sup> Data furnished by the *Enamelled Sanitary Ware Manufacturers' Association* and said to represent approximately 98 per cent of the total output in the United States. The Association explains that orders shipped are the best current index of the industry. Orders received are likely to pyramid during periods of great activity to be followed by cancellations if the demand drops off. Stocks always increase during the winter and spring months because more efficient work at the enameling ovens can be done in cold weather and manufacturers operate at maximum capacity as long as they can finance operations and find storage capacity for the products.

<sup>2</sup> Data furnished by *Sanitary Potters' Association* and include the following articles, with percentages of total orders in 1920: Siphon jets 6.5 per cent, washdowns 54 per cent, reverse traps 4.3 per cent, small tanks 27.7 per cent, large tanks 5.2 per cent, and lavatories (not reported prior to July, 1920) 2.3 per cent.

## CEMENT AND ABRASIVES.

Table 51.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	PORTLAND CEMENT.				ABRASIVE PAPER AND CLOTH. <sup>2</sup>		PORTLAND CEMENT.				ABRASIVE PAPER AND CLOTH. <sup>2</sup>	
	Production.	Shipments.	Stocks at end of period. <sup>3</sup>	Wholesale price, net, without bags, Chicago district.	Domestic sales.	Foreign sales.	Production.	Shipments.	Stocks at end of period. <sup>3</sup>	Wholesale price, net, without bags, Chicago district.	Domestic sales.	Foreign sales.
	Relative to 1913.				Relative to 1919.		Thousands of barrels.			Per barrel.	Reams.	
	A.—INDEX NUMBERS.						B.—NUMERICAL DATA.					
1913 monthly average.	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	.....	<b>7,675</b>	<b>7,391</b>	<b>11,220</b>	<b>\$1.002</b>	.....	.....
1914 monthly average.	96	97	114	89	.....	.....	7,353	7,203	12,773	.89	.....	.....
1915 monthly average.	93	98	102	94	.....	.....	7,160	7,241	11,463	.95	.....	.....
1916 monthly average.	99	107	75	118	.....	.....	7,627	7,879	8,361	1.19	.....	.....
1917 monthly average.	101	102	92	153	.....	.....	7,735	7,559	10,354	1.53	.....	.....
1918 monthly average.	77	80	93	166	.....	.....	5,923	5,910	10,454	1.67	.....	.....
1919 monthly average.	87	96	47	166	<b>100</b>	<b>100</b>	6,691	7,124	5,257	1.66	<b>68,150</b>	<b>9,171</b>
1920 monthly average.	109	109	80	180	109	125	8,335	8,026	8,941	1.80	73,969	11,476
1921 monthly average.	107	107	91	153	67	47	8,191	7,921	10,160	1.54	45,948	4,280
<b>1920.</b>												
September.....				195	104	155				1.95	70,887	14,246
October.....				195	85	179				1.95	58,084	16,458
November.....				195	55	115				1.95	37,190	10,544
December.....				195	37	88				1.95	25,341	8,061
<b>1921.</b>												
January.....	53	34	92	193	39	48	4,098	2,539	10,300	1.93	26,436	4,387
February.....	57	45	102	171	48	34	4,379	3,331	11,400	1.72	32,764	3,138
March.....	88	84	107	170	61	37	6,763	6,221	12,000	1.70	41,404	3,393
April.....	113	107	112	170	70	65	8,651	7,919	12,600	1.70	47,538	5,958
May.....	121	128	111	170	68	43	9,281	9,488	12,450	1.70	46,544	3,963
June.....	121	143	99	170	71	35	9,296	10,577	11,150	1.70	48,671	3,192
July.....	125	139	93	170	62	45	9,568	10,301	10,414	1.70	41,969	4,142
August.....	133	167	74	170	76	42	10,244	12,340	8,280	1.70	51,595	3,879
September.....	131	152	62	159	81	50	10,027	11,329	6,953	1.59	54,929	4,540
October.....	137	164	48	148	88	44	10,506	12,114	5,348	1.50	59,904	4,019
November.....	116	70	81	148	80	64	8,921	5,195	9,091	1.50	54,430	5,858
December.....	85	50	106	148	66	53	6,559	3,697	11,938	1.50	45,195	4,896
<b>1922.</b>												
January.....	56	40	119	148	84	60	4,291	2,931	13,316	1.50	57,129	5,521
February.....	56	44	126	148	87	60	4,278	3,285	14,142	1.50	59,418	5,461
March.....	87	95	123	148	110	82	6,685	7,002	13,848	1.50	74,634	7,506
April.....	120	116	129	148	107	84	9,243	8,592	14,470	1.50	72,930	7,745
May.....	146	172	115	148	112	75	11,176	12,749	12,893	1.50	76,364	6,885
June.....	147	182	96	158	108	70	11,245	13,470	10,718	1.60	73,433	6,421
July.....	151	187	75	158	106	105	11,557	13,850	8,433	1.60	71,923	9,632
August.....	152	194	51	163	114	67	11,664	14,361	5,746	1.64	77,838	6,184
September.....	149	168	42	173	117	135	11,424	12,444	4,726	1.75	79,945	12,338
October.....												
November.....												
December.....												

<sup>1</sup> Data on cement is from the U. S. Department of the Interior, Geological Survey, except prices, which are average of weekly prices reported by the U. S. Department of Labor, Bureau of Labor Statistics; data on abrasives compiled by the Abrasive Paper and Cloth Manufacturers' Exchange.

<sup>2</sup> Yearly figures represent stocks at end of year, not an average of monthly stocks, except for 1921.

<sup>3</sup> 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 garnet, 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. The data submitted show that in 1919 the total domestic sales were made up of the following approximate percentages: Garnet 39, emery 8, flint 32, and artificial 20 per cent.

## FLAXSEED AND COTTONSEED.

Table 52.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	FLAXSEED.							COTTON-SEED.	FLAXSEED.							COTTON-SEED.								
	MINNEAPOLIS.			DULUTH.					Stocks, end of month.	MINNEAPOLIS.			DULUTH.				Stocks, end of month.							
	Re-ceipts. <sup>2</sup>	Ship-ments. <sup>2</sup>	Stocks. <sup>3</sup>	Re-ceipts. <sup>2</sup>	Ship-ments. <sup>2</sup>	Stocks. <sup>3</sup>	Re-ceipts. <sup>2</sup>			Ship-ments. <sup>2</sup>	Stocks. <sup>3</sup>	Re-ceipts. <sup>2</sup>	Ship-ments. <sup>2</sup>	Stocks. <sup>3</sup>	Stocks, end of month.									
	Relative to 1913.									Relative to 1919.	Thousands of bushels.											Short tons.		
	A.—INDEX NUMBERS.									B.—NUMERICAL DATA.														
1913 m. av.	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	<b>943</b>	<b>156</b>	<b>233</b>	<b>1,036</b>	<b>1,099</b>	<b>2,751</b>	.....										
1914 m. av.	69	30	98	44	49	75	.....	647	47	228	457	538	2,060	.....										
1915 m. av.	54	50	39	47	35	34	.....	512	78	90	487	382	948	.....										
1916 m. av.	79	62	56	58	56	49	.....	741	97	130	596	613	1,360	.....										
1917 m. av.	53	63	83	33	34	31	129	502	98	194	341	377	846	661,192										
1918 m. av.	56	53	22	33	31	8	96	524	83	52	346	338	208	489,442										
1919 m. av.	61	67	26	18	16	4	<b>100</b>	575	105	60	182	175	119	<b>512,448</b>										
1920 m. av.	59	33	97	40	25	28	58	552	51	226	412	278	758	296,219										
1921 m. av.	50	73	416	35	41	46	71	469	114	970	362	454	1,253	362,999										
<b>1920.</b>																								
September.	69	53	64	51	18	60	27	653	82	150	524	199	1,656	138,418										
October....	157	135	225	96	39	44	95	1,478	211	525	997	424	1,221	488,958										
November.	86	38	296	57	87	53	114	808	59	689	589	960	1,460	587,996										
December.	76	10	445	59	32	53	116	713	16	1,038	611	347	1,460	593,507										
<b>1921.</b>																								
January...	29	18	507	17	5	57	95	278	28	1,182	172	55	1,557	484,832										
February..	29	23	509	10	3	60	83	269	36	1,185	106	32	1,639	424,557										
March.....	46	44	476	5	5	59	59	430	68	1,110	50	56	1,635	302,126										
April.....	44	61	418	14	16	59	37	416	95	975	141	177	1,630	191,813										
May.....	63	47	426	41	66	52	25	598	73	993	422	730	1,419	129,624										
June.....	55	51	457	45	46	48	21	519	79	1,065	471	501	1,319	108,573										
July.....	35	74	494	55	85	33	19	333	116	1,150	567	935	921	99,821										
August....	37	129	461	28	23	32	24	353	201	1,074	286	248	881	120,801										
September.	59	126	398	39	28	36	74	559	197	928	399	309	978	390,970										
October...	122	108	364	54	79	24	143	1,148	169	848	559	863	654	732,570										
November.	41	135	315	76	86	20	149	389	211	733	783	948	545	762,726										
December.	36	59	170	37	54	8	121	335	92	395	385	594	227	618,173										
<b>1922.</b>																								
January...	32	103	73	11	14	5	82	302	161	170	116	151	151	418,349										
February..	22	77	58	6	6	5	50	204	120	136	66	65	131	256,872										
March.....	27	55	38	12	12	3	21	257	86	88	120	127	84	107,058										
April.....	21	34	22	4	5	6	9	198	53	52	45	52	176	45,970										
May.....	31	29	29	8	13	3	5	290	45	68	87	147	81	23,319										
June.....	24	18	22	14	5	5	4	226	28	51	141	49	134	19,431										
July.....	12	32	6	9	14	1	3	114	50	13	94	150	36	13,880										
August....	39	49	30	2	4	( <sup>4</sup> )	11	368	77	70	21	47	9	55,995										
September.	95	112	9	51	17	12	79	895	175	21	527	189	334	403,223										
October....																								
November.																								
December.																								

<sup>1</sup> Except cottonseed stocks at mills from *U. S. Department of Commerce, Bureau of the Census*. Data on flaxseed from the *Northwestern Miller*.

<sup>2</sup> Monthly figures are totals of weekly figures with first and last weeks of month prorated.

<sup>3</sup> Stocks at end of week nearest the end of the month.

<sup>4</sup> Index number less than 1.

## CHEMICALS—FOREIGN TRADE.

Table 53.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	IMPORTS.		EXPORTS.			IMPORTS.		EXPORTS.		
	Potash. <sup>3</sup>	Nitrate of soda.	Sulphuric acid.	Dyes and dyestuffs.	Total fertilizer. <sup>3</sup>	Potash. <sup>3</sup>	Nitrate of soda.	Sulphuric acid.	Dyes and dyestuffs.	Total fertilizer. <sup>3</sup>
	Relative to 5-year average 1909-1913.					Long tons.		Pounds.	Dollars.	Long tons.
	A.—INDEX NUMBERS.					B.—NUMERICAL DATA.				
1909-1913 monthly av..	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>21,124</b>	<b>43,177</b>	<b>613,692</b>	<b>\$28,937</b>	<b>103,391</b>
1914 monthly average..	86	105	179	155	83	18,247	45,143	1,088,015	44,749	85,639
1915 monthly average..	30	149	1,055	723	30	6,304	64,349	6,476,002	209,255	30,647
1916 monthly average..	4	235	903	2,291	32	772	101,535	5,538,625	662,832	32,747
1917 monthly average..	4	298	863	4,639	28	831	128,601	5,293,426	1,342,280	28,627
1918 monthly average..	4	356	1,090	4,843	18	762	153,766	6,691,220	1,401,492	18,713
1919 monthly average..	16	79	289	4,920	53	3,357	33,955	1,774,627	1,423,703	54,509
1920 monthly average..	70	255	394	9,339	114	14,890	110,180	2,415,922	2,702,388	117,994
1921 monthly average..	41	71	174	1,976	72	8,739	30,767	1,067,934	571,658	74,620
<b>1920.</b>										
September.....	70	259	259	10,780	116	14,861	111,779	1,589,383	3,119,295	119,614
October.....	79	197	267	8,123	99	16,647	84,844	1,639,590	2,350,448	102,697
November.....	32	205	328	7,985	74	6,843	88,519	2,012,627	2,310,751	76,986
December.....	34	168	327	6,975	102	7,189	72,403	2,004,085	2,018,453	105,716
<b>1921.</b>										
January.....	20	186	310	4,615	103	4,231	80,305	1,903,970	1,335,531	106,153
February.....	35	68	372	1,895	74	7,300	29,532	2,285,806	548,420	76,292
March.....	40	107	110	2,480	62	8,496	46,201	673,314	717,693	64,408
April.....	19	69	219	1,286	64	4,001	29,810	1,345,096	372,033	65,829
May.....	14	87	128	1,370	53	3,007	37,778	787,647	396,524	54,518
June.....	24	88	133	2,091	73	5,153	37,847	817,159	605,096	75,391
July.....	16	48	90	1,535	63	3,378	20,791	553,587	444,283	65,399
August.....	41	77	177	2,110	52	8,757	33,045	1,083,892	610,666	53,676
September.....	66	46	101	1,564	102	14,023	19,646	620,961	452,574	105,358
October.....	74	31	225	1,665	61	15,735	13,250	1,379,564	481,927	63,259
November.....	65	36	115	1,731	98	13,731	15,629	705,218	500,918	101,497
December.....	81	12	107	1,362	62	17,060	5,365	658,995	394,230	63,663
<b>1922.</b>										
January.....	83	22	119	2,271	65	17,591	9,470	728,337	657,042	67,011
February.....	98	44	102	1,167	50	20,793	19,160	625,631	337,826	51,656
March.....	104	54	163	1,722	64	21,925	23,452	1,003,128	498,274	66,566
April.....	118	69	324	1,194	84	24,883	29,891	1,991,368	343,550	87,311
May.....	60	149	350	1,061	153	12,585	64,130	2,148,293	306,938	158,149
June.....	130	115	404	1,194	64	27,367	49,442	2,481,290	345,578	66,793
July.....	250	73	169	1,454	56	52,912	31,307	1,034,756	420,805	57,854
August.....	115	98	110	1,604	94	24,288	42,474	672,533	464,273	97,525
September.....	*16	*121	42	1,292	54	*3,359	*52,081	258,144	373,727	55,518
October.....										
November.....										
December.....										

<sup>1</sup> Data compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.<sup>2</sup> Includes potash imported as chemicals and also the muriate and sulphate used in fertilizers.<sup>3</sup> Largely phosphate rock.<sup>4</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## CHEMICALS—PRODUCTION AND PRICES.

Table 54.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government and non-Government sources.

[Base year in bold-faced type.]

YEAR AND MONTH.	PRODUCTION. <sup>1</sup>		CON-SUMP-TION. <sup>1</sup>	STOCKS. <sup>1</sup>	WHOLESALE PRICES.					PRODUCTION. <sup>1</sup>	CON-SUMP-TION. <sup>1</sup>	STOCKS. <sup>1</sup>	WHOLE SALE PRICE.	
	Acetate of lime.	Wood alcohol.	Wood, carbonized.	Wood.	Drugs and pharmaceuticals. <sup>2</sup>	Essential oils. <sup>4</sup>	Crude drugs. <sup>5</sup>	Chemicals. <sup>6</sup>	Sulphuric acid 66° New York. <sup>7</sup>	Acetate of lime.	Wood alcohol.	Wood, carbonized.	Wood.	Sulphuric acid 66° New York. <sup>7</sup>
	Relative to 1920.				Relative to August, 1914.			Relative to 1913.		Thousands of pounds.	Gallons.	Cords.		Dollars per 100 pounds.
	A.—INDEX NUMBERS.									B.—NUMERICAL DATA.				
1913 mo. av. ....								<b>100</b>	<b>100</b>					<b>\$1.00</b>
1914 mo. av. ....					<sup>2</sup> 100	<sup>2</sup> 100	<sup>2</sup> 100		100					1.00
1915 mo. av. ....									129					1.30
1916 mo. av. ....									200					2.00
1917 mo. av. ....									212					1.70
1918 mo. av. ....									279					1.60
1919 mo. av. ....					201	213	185	242	95					1.00
1920 mo. av. ....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	196	265	202	255	112	<b>12,150</b>	<b>635,438</b>	<b>76,028</b>	<b>846,204</b>	1.12
1921 mo. av. ....	39	46	42	84	129	158	134	152	91	4,704	291,697	32,064	714,302	.91
<b>1920.</b>														
September.....	106	101	102	88	195	253	198	267	110	12,870	640,694	77,692	742,903	1.10
October.....	90	93	95	88	187	142	184	263	110	10,987	589,490	72,331	744,839	1.10
November.....	87	93	92	96	173	226	174	240	108	10,525	591,184	70,015	808,952	1.08
December.....	64	78	80	79	160	210	162	189	93	7,798	494,548	60,473	669,592	.93
<b>1921.</b>														
January.....	51	71	70	79	155	200	153	181	92	6,243	448,831	53,192	669,010	.92
February.....	49	64	59	74	149	189	145	166	98	5,971	407,363	44,527	622,041	.98
March.....	44	64	57	80	141	178	141	157	100	5,381	407,143	43,640	676,765	1.00
April.....	26	37	34	84	135	168	138	140	95	3,162	234,835	26,191	709,043	.95
May.....	28	33	31	90	129	165	136	143	90	3,355	211,078	23,483	762,013	.90
June.....	29	31	28	88	126	159	135	147	90	3,474	198,675	21,641	742,857	.90
July.....	21	25	22	83	125	151	130	148	90	2,603	160,724	16,827	702,445	.90
August.....	24	24	23	82	123	142	126	158	90	2,937	155,020	17,744	697,566	.90
September.....	29	31	29	81	119	138	123	147	90	3,552	197,230	21,670	688,899	.90
October.....	39	41	37	85	117	138	126	151	85	4,785	258,599	28,491	721,696	.85
November.....	54	57	51	84	116	135	127	147	85	6,517	362,317	38,982	714,027	.85
December.....	70	72	64	102	118	137	132	145	85	8,465	458,553	48,382	865,258	.85
<b>1922.</b>														
January.....	69	74	65	103	117	136	134	144	80	8,330	468,818	49,559	875,010	.80
February.....	66	72	65	111	115	136	139	148	80	7,993	457,656	49,465	936,859	.80
March.....	80	84	76	105	116	135	155	156	80	9,660	534,812	57,874	899,781	.80
April.....	61	65	58	106	117	135	177	158	84	7,390	416,112	43,775	895,826	.84
May.....	58	64	59	105	116	135	177	159	80	7,064	404,847	44,496	889,219	.80
June.....	62	69	66	107	115	133	177	157	80	7,495	441,149	50,207	904,909	.80
July.....					115	130	178	156	71					.70
August.....					115	135	177	152	70					.70
September.....					121	131	182	149	74					.70
October.....														
November.....														
December.....														

<sup>1</sup> Compiled from reports of the *National Wood Chemical Association* to which are added reports from the principal nonmember firms. Total reports for each month vary from firms with a capacity of 3,200 cords to 4,500 cords daily; all months are therefore prorated to a daily capacity of 4,500 cords, representing about 90 per cent of the industry, on the basis of capacity reporting each month.

<sup>2</sup> August, 1914.

<sup>3</sup> Compiled from weekly wholesale quotations of 35 drugs and pharmaceutical chemicals by the *Oil, Paint, and Drug Reporter*.

<sup>4</sup> Compiled from weekly wholesale quotations of 20 essential oils by the *Oil, Paint, and Drug Reporter*.

<sup>5</sup> Compiled from weekly wholesale quotations of 40 crude botanical drugs by the *Oil, Paint, and Drug Reporter*.

<sup>6</sup> 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.

<sup>7</sup> Wholesale average monthly price of sulphuric acid from *United States Department of Labor, Bureau of Labor Statistics*.

## FATS, OILS, AND RAW MATERIALS.

Table 55.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[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.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 quarterly average.....	112	103	133	124	97	103	107	98	90
1921 quarterly average.....	129	107	164	122	89	142	129	88	95
<b>1920.</b>									
Jan. 1 to Mar. 31.....	124	93	143	132	119	82	132	111	93
Apr. 1 to June 30.....	119	114	166	129	100	99	106	105	100
July 1 to Sept. 30.....	94	111	118	115	102	98	87	93	78
Oct. 1 to Dec. 31.....	109	96	103	119	68	135	105	81	90
<b>1921.</b>									
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
<b>1922.</b>									
Jan. 1 to Mar. 31.....	144	100	129	142	119	105	183	101	98
April 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
YEAR AND MONTH.	RAW MATERIALS FOR VEGETABLE OILS.								
	PEANUTS—HULLED.		COPRA.		CORN GERMS.		FLAXSEED.		
	Consumption.	Stocks.	Consumption.	Stocks.	Consumption.	Stocks.	Consumption.	Stocks.	
	Relative to 1919.								
1919 quarterly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
1920 quarterly average.....	8	298	60	48	99	64	104	250	
1921 quarterly average.....	8	18	50	26	84	53	105	192	
<b>1920.</b>									
Jan. 1 to Mar. 31.....	5	1,161	73	90	128	109	103	156	
Apr. 1 to June 30.....	6	8	56	42	101	51	104	250	
July 1 to Sept. 30.....	10	12	61	31	112	49	106	209	
Oct. 1 to Dec. 31.....	12	10	49	30	55	45	103	353	
<b>1921.</b>									
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	
<b>1922.</b>									
Jan. 1 to Mar. 31.....	10	4	97	69	108	41	109	93	
April 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	

See footnote on page 105.

## FATS, OILS, AND RAW MATERIALS.

Table 56.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type; index 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.....	<b>367,518</b>	<b>144,308</b>	<b>138,071</b>	<b>69,648</b>	<b>51,565</b>	<b>67,374</b>	<b>264,740</b>	<b>208,804</b>	<b>183,695</b>
1920 quarterly average.....	410,676	149,276	183,033	86,384	50,273	69,695	284,478	204,039	165,241
1921 quarterly average.....	473,351	154,017	226,668	85,258	45,150	95,407	340,325	183,764	174,864
<b>1920.</b>									
Jan. 1 to Mar. 31.....	457,460	134,460	197,143	92,231	61,535	54,927	348,321	232,593	170,567
Apr. 1 to June 30.....	436,845	163,829	229,794	90,129	51,677	66,925	280,087	219,040	183,186
July 1 to Sept. 30.....	346,900	160,077	163,105	80,290	52,675	66,036	230,681	194,382	142,725
Oct. 1 to Dec. 31.....	401,499	138,737	142,090	82,884	35,204	90,892	278,824	170,141	164,487
<b>1921.</b>									
Jan. 1 to Mar. 31.....	512,557	153,439	230,025	89,311	38,068	94,633	252,894	166,644	191,337
Apr. 1 to June 30.....	496,082	155,957	320,015	88,433	45,699	105,859	267,532	183,151	181,377
July 1 to Sept. 30.....	419,742	153,237	189,089	77,492	42,174	99,407	429,836	193,489	141,169
Oct. 1 to Dec. 31.....	465,024	153,434	167,542	85,794	54,657	81,728	411,036	191,771	185,571
<b>1922.</b>									
Jan. 1 to Mar. 31.....	530,176	144,620	177,468	98,823	61,234	70,463	483,256	209,989	179,186
April 1 to June 30.....	316,487	129,838	247,235	97,772	60,635	57,445	398,792	189,511	188,476
July 1 to Sept. 30.....	456,441	131,879	161,034	83,206	57,658	45,029	465,527	237,138	126,595
YEAR AND MONTH.	RAW MATERIALS FOR VEGETABLE OILS.								
	PEANUTS—HULLED.		COPRA.		CORN GERMS.		FLAXSEED.		
	Consumption.	Stocks.	Consumption.	Stocks.	Consumption.	Stocks.	Consumption.	Stocks.	
	Tons.								
1919 quarterly average.....	<b>35,426</b>	<b>11,148</b>	<b>42,153</b>	<b>22,184</b>	<b>36,645</b>	<b>842</b>	<b>172,934</b>	<b>29,853</b>	
1920 quarterly average.....	2,980	33,184	25,276	10,665	36,395	536	179,382	74,703	
1921 quarterly average.....	2,931	2,001	21,161	5,869	30,830	448	182,182	57,409	
<b>1920.</b>									
Jan. 1 to Mar. 31.....	1,709	129,474	30,921	19,901	46,987	915	177,397	46,484	
Apr. 1 to June 30.....	2,276	869	23,808	9,366	37,163	430	179,402	74,539	
July 1 to Sept. 30.....	3,716	1,330	25,784	6,786	41,105	415	183,168	62,485	
Oct. 1 to Dec. 31.....	4,218	1,064	20,591	6,606	20,323	382	177,561	115,302	
<b>1921.</b>									
Jan. 1 to Mar. 31.....	2,822	4,021	17,372	3,100	22,978	441	177,611	30,063	
Apr. 1 to June 30.....	4,325	1,450	14,113	2,821	27,088	406	177,285	50,557	
July 1 to Sept. 30.....	1,584	970	26,382	10,849	35,012	370	162,747	53,354	
Oct. 1 to Dec. 31.....	2,992	1,564	26,776	6,705	38,242	576	211,086	95,662	
<b>1922.</b>									
Jan. 1 to Mar. 31.....	3,492	463	40,844	15,299	39,464	343	187,968	27,806	
April 1 to June 30.....	3,046	344	31,741	10,507	35,086	510	96,358	24,852	
July 1 to Sept. 30.....	893	191	26,964	6,542	33,279	641	156,316	50,763	

See footnote on page 105.

## VEGETABLE AND FISH OILS.

Table 57.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[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.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 quarterly average.....	82	80	75	74	74	124	80	86	85	15	40	139
1921 quarterly average.....	87	79	66	75	79	104	89	93	80	44	20	56
<b>1920.</b>												
Jan. 1 to Mar. 31.....	105	112	83	106	74	150	114	123	123	6	29	190
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	85	15	19	30	16	54	138
Oct. 1 to Dec. 31.....	132	99	88	107	85	118	166	138	141	28	29	91
<b>1921.</b>												
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	88	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	50
<b>1922.</b>												
Jan. 1 to Mar. 31.....	84	82	74	75	69	124	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
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.
Relative to 1919.												
1919 quarterly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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
<b>1920.</b>												
Jan. 1 to Mar. 31.....	74	93	56	132	125	91	104	123	104	51	183	90
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
<b>1921.</b>												
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	133	106	284	175	120
Oct. 1 to Dec. 31.....	66	59	51	114	103	121	121	146	189	279	371	99
<b>1922.</b>												
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	196	148	108	320	109
July 1 to Sept. 30.....	63	70	70	109	104	101	91	188	106	540	395	133

See footnote on opposite page.



## VEGETABLE AND FISH OILS.

Table 58.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type; index 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.....	<b>578,748</b>	<b>635,803</b>	<b>506,533</b>	<b>466,795</b>	<b>357,407</b>	<b>283,591</b>	<b>357,501</b>	<b>329,038</b>	<b>111,271</b>	<b>21,902</b>	<b>53,088</b>	<b>24,038</b>
1920 quarterly average.....	474,776	511,121	378,498	344,575	263,612	352,768	285,347	283,350	94,597	3,271	21,267	33,354
1921 quarterly average.....	504,318	504,036	332,003	354,760	283,729	293,529	317,757	323,940	88,668	9,683	10,639	13,453
<b>1920.</b>												
Jan. 1 to Mar. 31.....	605,931	710,472	422,606	494,688	264,127	424,016	406,334	422,783	142,724	1,207	15,166	45,571
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	25,624	32,691
July 1 to Sept. 30.....	250,289	277,387	327,692	134,228	286,368	243,293	51,875	63,185	33,357	3,498	28,779	33,166
Oct. 1 to Dec. 31.....	766,481	628,997	444,688	497,967	303,342	333,517	594,291	455,021	156,801	6,069	15,498	21,989
<b>1921.</b>												
Jan. 1 to Mar. 31.....	652,230	611,266	437,804	481,294	264,764	406,697	481,779	459,680	166,078	6,825	11,213	18,848
Apr. 1 to June 30.....	329,053	465,952	273,298	309,791	331,487	332,772	154,281	288,757	37,851	11,633	10,352	14,761
July 1 to Sept. 30.....	325,521	326,390	253,595	179,066	305,542	126,385	142,990	128,850	50,576	9,833	13,354	8,121
Oct. 1 to Dec. 31.....	710,468	612,525	363,313	448,890	233,124	308,262	491,979	418,473	100,167	10,442	7,635	12,080
<b>1922.</b>												
Jan. 1 to Mar. 31.....	487,796	523,292	376,807	349,726	244,851	352,302	263,993	301,788	55,117	11,074	11,552	6,699
Apr. 1 to June 30.....	202,045	316,395	297,830	141,128	176,337	254,089	43,768	95,775	12,194	6,831	8,487	4,876
July 1 to Sept. 30.....	294,453	297,309	283,997	111,421	239,911	96,297	119,195	64,025	54,906	1,236	6,260	1,141
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.....	<b>53,886</b>	<b>105,564</b>	<b>155,220</b>	<b>24,350</b>	<b>22,408</b>	<b>8,027</b>	<b>113,232</b>	<b>47,286</b>	<b>65,425</b>	<b>8,230</b>	<b>9,791</b>	<b>44,609</b>
1920 quarterly average.....	32,805	73,525	93,277	24,655	22,692	6,589	121,318	53,551	78,457	16,507	12,046	45,225
1921 quarterly average.....	28,247	60,274	73,143	21,870	17,987	7,093	120,703	59,706	99,611	12,490	19,559	52,873
<b>1920.</b>												
Jan. 1 to Mar. 31.....	39,682	98,501	87,287	32,213	27,998	7,271	117,226	58,219	67,842	4,188	18,373	40,109
Apr. 1 to June 30.....	31,047	73,475	100,593	24,928	22,211	6,703	121,407	57,944	64,371	19,943	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	26,284	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	104,111	15,612	10,153	60,310
<b>1921.</b>												
Jan. 1 to Mar. 31.....	23,062	61,531	65,447	15,670	13,395	5,469	118,787	38,134	122,308	1,038	11,194	53,296
Apr. 1 to June 30.....	19,900	52,771	70,239	19,028	15,848	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	19,568	7,335	107,716	65,324	69,601	23,384	17,139	53,637
Oct. 1 to Dec. 31.....	35,588	61,802	79,667	27,779	23,135	9,726	137,528	68,861	123,391	22,952	36,450	44,093
<b>1922.</b>												
Jan. 1 to Mar. 31.....	53,404	70,448	112,014	26,984	23,904	7,546	124,941	74,396	155,252	1,940	16,387	32,737
Apr. 1 to June 30.....	47,444	62,046	131,001	23,917	21,306	7,073	70,349	92,605	97,034	8,892	31,324	48,412
July 1 to Sept. 30.....	34,217	73,597	108,557	26,626	23,307	8,139	103,400	89,096	69,036	44,433	38,720	59,547

<sup>1</sup> The figures given on pages 102, 103, and 104 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 period.

## VEGETABLE OILS.

Table 59.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

[Base years in bold-faced type.]

YEAR AND MONTH.	LIN-SEED OIL.	LIN-SEED OIL CAKE.	COTTON-SEED OIL, CRUDE.		VEGETABLE OILS.		OLEOMAR-GARINE.		LIN-SEED OIL.	LIN-SEED OIL CAKE.	COTTONSEED OIL, CRUDE.		VEGETABLE OILS.		OLEOMAR-GARINE.			
	Shipments from Minneapolis.		Stocks end of month.	Pro-duction.	Ex-ports. <sup>3</sup>	Total Im-ports. <sup>4</sup>	Pro-duction.	Con-sump-tion. <sup>5</sup>	Shipments from Minneapolis.		Stocks, end of month.	Pro-duction.	Ex-ports. <sup>3</sup>	Total Im-ports. <sup>4</sup>	Pro-duction.	Con-sump-tion. <sup>5</sup>		
	Relative to 1913.		Relative to 1919.		Relative to 1913.								Thousands of pounds.					
	A.—INDEX NUMBERS.								B.—NUMERICAL DATA.									
1913 monthly av..	<b>100</b>	<b>100</b>			<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>15,210</b>	<b>30,166</b>			<b>29,042</b>	<b>321,387</b>	<b>12,102</b>	<b>11,861</b>		
1914 monthly av..	78	69			61	124	99	99	11,868	20,684			17,758	26,441	12,002	11,798		
1915 monthly av..	65	57			109	96	100	99	9,862	17,188			31,641	20,636	12,151	11,787		
1916 monthly av..	70	62			58	141	105	105	10,662	18,706			16,977	30,133	12,709	12,404		
1917 monthly av..	73	61	111	109	41	172	198	161	11,158	18,428	66,753	71,158	11,788	36,850	23,937	19,044		
1918 monthly av..	61	53	118	100	36	305	241	227	9,271	15,998	71,007	65,423	10,437	65,295	29,217	26,877		
1919 monthly av..	66	61	<b>100</b>	<b>100</b>	61	316	254	245	10,026	18,473	<b>59,967</b>	<b>65,399</b>	17,599	67,495	30,733	29,081		
1920 monthly av..	52	49	127	100	58	334	254	253	7,836	12,069	76,190	65,536	16,863	71,390	30,790	30,014		
1921 monthly av..	54	50	158	164	76	133	147	148	8,157	15,068	94,884	107,345	21,964	28,499	17,840	17,517		
<b>1920.</b>																		
May.....	62	31	133	41	49	236	296	272	9,504	9,465	79,517	26,789	14,256	50,550	35,874	32,295		
June.....	66	42	75	17	45	238	204	188	9,996	12,754	44,928	11,077	13,100	50,859	24,721	22,310		
July.....	54	52	38	7	16	258	203	203	8,166	15,608	22,619	4,400	4,633	55,270	24,559	24,046		
August.....	59	59	23	8	11	196	219	237	8,938	17,670	13,757	5,010	3,171	41,959	26,535	28,141		
September.....	46	36	55	65	20	178	259	251	7,059	10,839	33,221	42,832	5,773	38,010	31,384	29,819		
October.....	62	40	177	291	30	137	259	238	9,359	11,932	105,851	190,262	8,671	29,196	31,296	28,249		
November.....	49	34	277	349	85	83	252	271	7,411	10,397	166,231	228,073	24,632	17,808	30,457	32,099		
December.....	38	37	261	270	150	95	213	201	5,853	11,302	156,801	176,323	43,446	20,269	25,751	23,869		
<b>1921.</b>																		
January.....	34	64	278	263	245	99	195	191	5,152	19,345	166,710	171,887	71,291	21,251	23,566	22,688		
February.....	40	65	282	247	139	161	178	171	6,125	19,483	169,156	161,809	40,305	34,479	21,589	20,297		
March.....	61	59	274	229	127	52	194	180	9,354	17,747	164,327	149,526	36,811	11,162	23,481	21,361		
April.....	61	41	194	122	74	213	161	175	9,306	12,446	116,364	79,373	21,489	45,605	19,507	20,814		
May.....	55	36	120	72	68	65	116	104	8,357	10,869	71,782	47,291	19,613	13,967	14,055	12,317		
June.....	67	37	80	47	51	61	74	64	10,260	11,190	47,851	30,411	17,747	13,012	8,900	7,614		
July.....	61	52	31	40	27	78	91	94	9,220	15,541	18,763	26,228	7,922	16,774	11,005	11,120		
August.....	64	66	27	45	21	70	141	150	9,700	19,799	16,197	29,561	6,054	15,065	17,112	17,803		
September.....	55	27	85	153	28	211	136	149	8,316	8,060	51,167	99,803	8,239	45,177	16,497	17,723		
October.....	57	42	172	285	37	127	176	181	8,694	12,804	102,957	186,444	10,744	27,117	21,280	21,497		
November.....	49	52	187	265	37	225	154	148	7,441	15,594	111,916	173,574	10,822	48,135	18,678	17,565		
December.....	39	59	167	202	43	149	152	164	5,955	17,932	100,167	131,961	12,529	31,785	18,410	19,411		
<b>1922.</b>																		
January.....	42	52	164	154	42	229	134	142	6,457	15,745	98,295	100,706	12,114	49,060	16,167	16,887		
February.....	44	51	117	140	34	234	121	103	6,647	15,356	69,952	91,321	9,825	50,008	14,620	12,195		
March.....	48	31	100	110	36	380	132	129	7,232	9,283	60,089	72,237	10,459	81,270	15,970	15,263		
April.....	40	14	53	42	16	301	115	115	6,069	4,159	31,682	27,610	4,785	64,363	13,930	13,686		
May.....	52	15	40	19	12	308	115	108	7,952	4,452	23,801	12,389	3,373	65,851	13,863	12,765		
June.....	54	12	20	11	10	246	104	85	8,271	3,607	12,194	7,115	2,810	52,606	12,530	10,040		
July.....	38	14	12	9	8	237	101	126	5,795	4,248	6,897	5,825	2,298	50,735	12,280	14,974		
August.....	36	18	17	20	9	192	108	99	5,536	5,297	10,039	13,354	2,584	38,830	13,043	11,754		
September.....	74	50	92	151	15	128		136	11,237	15,164	54,906	98,609	4,279	27,452		16,113		
October.....																		
November.....																		
December.....																		

<sup>1</sup> Except shipments of linseed oil and cake and meal from *Minneapolis Chamber of Commerce*. The sources of the other data are: Imports and exports of vegetable oils from the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*; Cottonseed oil from the *U. S. Department of Commerce, Bureau of the Census*; and Oleomargarine production and consumption from the *U. S. Treasury Department, Bureau of Internal Revenue*.

<sup>2</sup> Includes cottonseed, corn, and linseed oils.

<sup>3</sup> These figures are for fiscal years beginning July 1.

<sup>4</sup> The following oils are included: Chinese nut, cocoa butter, coconut, cottonseed, olive (inedible), olive (edible), palm, palm kernel, peanut, rapeseed, soya bean. Where certain of these are reported in gallons, they have been converted into pounds, allowing 7½ pounds per gallon.

<sup>5</sup> Colored and uncolored, as represented by tax-paid withdrawal.

<sup>6</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## CROP PRODUCTION.

Table 60.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR.	WHEAT.			CORN.	OATS.	BAR- LEY.	RYE.	TOTAL BREAD GRAINS.	RICE.	POTA- TOES.	APPLES (total).	HAY, TAME.
	Winter.	Spring.	Total.									
Relative to 5-year average, 1909-1913.												
A.—INDEX NUMBERS.												
1909-1913 average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 final estimate.....	155	84	119	99	101	107	123	104	99	115	143	106
1915 final estimate.....	153	144	149	111	137	126	155	123	121	101	130	130
1916 final estimate.....	109	64	93	95	111	100	140	99	171	80	110	138
1917 final estimate.....	94	91	93	113	141	116	180	117	145	124	94	126
1918 final estimate.....	128	145	134	92	136	141	261	112	161	115	96	116
1919 final estimate.....	172	85	141	104	105	81	216	110	175	91	81	131
1920 final estimate.....	138	91	121	119	132	104	173	122	216	113	127	133
1921 final estimate.....	133	85	116	114	94	83	166	108	166	97	55	124
<b>1921.</b>												
July estimate.....	130	96	118	115	117	101	200	116	140	106	58	124
August estimate.....	123	87	110	112	101	94	184	109	140	89	62	124
September estimate.....	123	86	110	118	96	92	184	111	137	91	61	121
October estimate.....	123	80	108	117	95	90	184	110	138	97	62	121
November estimate.....	123	80	108	116	95	90	184	110	138	100	58	143
<b>1922.</b>												
June estimate.....	138	101	124	.....	115	105	231	112	.....	.....	102	161
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	116	162	123	117	141
October estimate.....	123	109	118	105	109	108	228	109	164	121	115	141
November estimate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December estimate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thousands of bushels.												Thous. of tons.
B.—NUMERICAL DATA.												
1909-1913 average.....	<b>441,602</b>	<b>245,059</b>	<b>686,697</b>	<b>2,708,334</b>	<b>1,131,175</b>	<b>181,886</b>	<b>34,916</b>	<b>4,743,008</b>	<b>23,926</b>	<b>356,627</b>	<b>176,482</b>	<b>65,987</b>
1914 final estimate.....	684,990	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
1915 final estimate.....	673,947	351,854	1,025,801	2,994,763	1,549,030	228,851	54,050	5,852,525	28,947	359,721	230,011	85,920
1916 final estimate.....	480,553	155,765	636,318	2,566,927	1,251,837	182,309	48,862	4,686,253	40,861	286,953	193,905	91,192
1917 final estimate.....	412,901	223,754	636,655	3,065,233	1,592,740	211,759	62,933	5,569,320	34,739	442,108	166,749	83,308
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
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
1920 final estimate.....	610,597	222,430	833,027	3,230,532	1,496,281	189,332	60,490	5,809,662	51,692	403,296	223,677	87,855
1921 final estimate.....	587,032	207,861	794,893	3,081,251	1,060,737	151,181	57,918	5,145,980	39,653	346,823	96,881	81,567
<b>1921.</b>												
July estimate.....	573,930	235,482	809,412	3,123,139	1,328,937	184,288	69,956	5,515,000	33,603	376,977	102,190	81,695
August estimate.....	543,879	212,946	756,825	3,022,170	1,137,202	170,511	64,332	5,161,008	33,480	315,918	109,453	81,604
September estimate.....	543,879	209,979	753,858	3,185,876	1,090,282	166,906	64,332	5,261,254	32,661	322,985	109,166	79,808
October estimate.....	543,879	196,776	740,655	3,163,063	1,078,519	163,399	64,332	5,209,968	33,020	345,845	109,710	79,808
November estimate.....	543,879	196,776	740,665	3,131,698	1,078,515	163,399	64,332	5,198,603	33,020	356,076	102,290	94,619
<b>1922.</b>												
June estimate.....	607,333	247,175	854,508	.....	1,304,664	191,246	80,815	* 5,290,978	.....	.....	179,810	106,000
July estimate.....	569,276	247,660	816,936	2,860,245	1,186,626	181,586	81,998	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	1,229,774	196,431	79,623	5,169,350	39,159	433,015	203,667	92,886
November estimate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December estimate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> 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.<sup>2</sup> June figures for total grains include corn as estimated on July 1.

## FARM PRODUCTS, WHOLESALE PRICES.

Table 61.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	WHEAT FLOUR.		WHEAT.		RYE.	BAR-LEY.	OATS.	CORN.	COT-TON-SEED OIL.	CAT-TLE.	HOGS.	SHEEP.	
	Stand-ard pat-ents, Minne-apolis.	Winter straights, Kansas City.	No. 1, north-ern spring, Chi-cago.	No. 2, red winter, Chi-cago.	No. 2, cash, Chi-cago.	By sample, fair to good malting, Chi-cago.	Cash, Chi-cago.	Cash, con-tract grades No. 2, Chi-cago.	Sum-mer, yellow prime, New York.	Steers, good to choice, corn fed, Chicago.	Heavy, Chi-cago.	Ewes, Chi-cago.	Lambs, Chicago.
Relative to 1913.													
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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	155	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.....		268	245	224	305	267	206	257	277	193	210	241	222
1919 monthly average.....	262	278	281	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	100.	73	128
<b>1920.</b>													
September.....	275	304	272	253	306	161	156	210	187	179	198	118	172
October.....	245	265	237	224	267	148	141	142	152	173	177	111	161
November.....	203	218	198	209	248	139	137	129	140	171	145	110	156
December.....	195	215	194	204	251	125	132	121	119	142	114	76	149
<b>1921.</b>													
January.....	210	216	204	199	259	120	121	109	116	116	111	74	140
February.....	200	207	185	195	234	110	115	106	97	110	110	79	121
March.....	191	208	181	170	227	114	115	104	85	112	113	86	129
April.....	173	181	160	141	211	102	101	93	83	103	98	94	132
May.....	191	198	175	159	231	105	104	99	99	99	98	88	151
June.....	197	200	168	146	202	102	100	98	104	95	97	57	138
July.....	194	179	150	125	192	103	99	98	118	99	116	62	133
August.....	177	167	142	125	168	101	96	91	121	103	116	66	125
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	94	77	114	101	82	59	112
December.....	150	152	137	119	135	88	97	77	115	97	81	81	135
<b>1922.</b>													
January.....	153	153	141	121	127	93	100	77	118	96	93	112	156
February.....	174	174	153	140	156	101	106	91	139	102	118	130	182
March.....	170	176	148	138	160	103	105	92	159	103	124	151	187
April.....	178	176	152	141	164	102	104	94	158	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	88	100	136	122	104	114	160
September.....	138	139	124	109	112	94	102	102	117	126	110	105	167
October.....													
November.....													
December.....													

See footnote on opposite page.

## FARM PRODUCTS, WHOLESALE PRICES.

Table 62.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	WHEAT FLOUR.		WHEAT.		RYE.	BARLEY.	OATS.	CORN.	COTTON-SEED 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, malting, 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.
	Per barrel.		Per bushel.							Per pound.	Per 100 pounds.		
1913 monthly average.....	<b>\$4.584</b>	<b>\$3.847</b>	<b>\$0.913</b>	<b>\$0.986</b>	<b>\$0.636</b>	<b>\$0.625</b>	<b>\$0.376</b>	<b>\$0.625</b>	<b>\$0.073</b>	<b>\$8.507</b>	<b>\$8.365</b>	<b>\$4.687</b>	<b>\$7.794</b>
1914 monthly average.....	5.096	4.125	1.041	1.005	.768	.615	.419	.695	.066	9.039	8.361	5.044	8.115
1915 monthly average.....	6.663	5.612	1.344	1.307	1.092	.704	.496	.730	.068	8.702	7.131	5.929	9.233
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.....	11.391	10.551	2.321	2.278	1.871	1.315	.637	1.637	.154	12.809	15.705	10.332	16.092
1918 monthly average.....		10.304	2.235	2.209	1.940	1.305	.775	1.605	.201	16.424	17.600	11.288	17.325
1919 monthly average.....	11.998	10.695	2.563	2.357	1.534	1.217	.700	1.597	.241	17.496	18.244	9.351	16.125
1920 monthly average.....	12.675	11.579	2.600	2.522	1.873	1.263	.796	1.414	.154	14.486	14.187	8.744	15.904
1921 monthly average.....	8.338	7.051	1.467	1.437	1.214	.635	.387	.580	.079	8.764	8.363	3.414	9.994
<b>1920.</b>													
September.....	12,593	11,693	2,481	2,491	1,945	1,006	.584	1,315	.136	15,250	16,543	5,544	13,388
October.....	11,206	10,205	2,162	2,204	1,695	.922	.530	.887	.111	14,688	14,775	5,219	12,531
November.....	9,285	8,400	1,810	2,057	1,577	.867	.515	.807	.101	14,575	12,120	5,150	12,150
December.....	8,943	8,256	1,770	2,012	1,598	.778	.494	.755	.086	12,094	9,538	3,563	11,581
<b>1921.</b>													
January.....	9,625	8,295	1,861	1,961	1,647	.750	.454	.681	.084	9,840	9,305	3,450	10,925
February.....	9,181	7,962	1,688	1,919	1,488	.688	.430	.665	.070	9,312	9,156	3,688	9,438
March.....	8,730	7,993	1,650	1,679	1,446	.714	.432	.649	.062	9,563	9,463	4,031	10,031
April.....	7,950	6,980	1,461	1,386	1,339	.635	.378	.578	.059	8,719	8,225	4,406	10,313
May.....	8,745	7,625	1,600	1,568	1,467	.657	.392	.616	.072	8,425	8,195	4,125	11,790
June.....	9,006	7,700	1,531	1,438	1,294	.638	.377	.613	.075	8,094	8,125	2,688	10,781
July.....	8,900	6,895	1,370	1,229	1,222	.645	.370	.613	.086	8,406	9,725	2,906	10,388
August.....	8,120	6,418	1,294	1,237	1,065	.629	.359	.569	.088	8,775	9,690	3,075	9,740
September.....	8,318	6,681	1,365	1,276	1,060	.607	.384	.538	.099	8,375	7,950	3,156	8,813
October.....	7,425	6,305	1,298	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	6,838	2,750	8,719
December.....	6,881	5,860	1,254	1,177	.858	.548	.364	.482	.083	8,219	6,744	3,781	10,500
<b>1922.</b>													
January.....	7,000	5,875	1,285	1,196	.809	.582	.375	.484	.086	8,150	7,765	5,260	12,170
February.....	7,975	6,700	1,400	1,382	.992	.633	.398	.572	.101	8,638	9,900	6,094	14,175
March.....	7,813	6,781	1,352	1,357	1,021	.644	.393	.575	.115	8,731	10,338	7,094	14,563
April.....	8,144	6,785	1,386	1,391	1,043	.640	.393	.588	.115	8,406	10,206	6,989	13,219
May.....	8,060	6,675	1,446	1,356	1,056	.679	.403	.618	.117	8,615	10,425	5,900	12,475
June.....	7,500	6,406	1,249	1,160	.886	.608	.372	.609	.112	8,863	10,228	4,688	11,438
July.....	7,788	6,235	1,292	1,152	.858	.641	.371	.643	.107	9,700	10,090	5,475	12,735
August.....	6,995	5,525	1,178	1,057	.723	.568	.335	.622	.099	10,375	8,688	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.....													
November.....													
December.....													

<sup>1</sup> From U. S. Department of Labor, Bureau of Labor Statistics, averages of weekly quotations.

## FRUITS, VEGETABLES, AND HAY.

Table 63.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

]Base year in bold-faced type.]

YEAR AND MONTH.	APPLES.		CIT- RUS FRUIT. <sup>2</sup>	WHITE POTA- TOES.	ON- IONS.	HAY.	APPLES.		CIT- RUS FRUIT. <sup>2</sup>	WHITE POTA- TOES.	ON- IONS.	HAY.
	Cold- storage hold- ings. <sup>3</sup>	Car-lot shipments.				Receipts.	Cold- storage hold- ings. <sup>3</sup>	Car-lot shipments.				Receipts.
		Relative to 1919.						Thousands of barrels.	Number of carloads.			
	A.—INDEX NUMBERS.						B.—NUMERICAL DATA					
1916 monthly average.....	106	102	.....	76	75	.....	1,839	6,950	.....	11,397	1,304	.....
1917 monthly average.....	91	70	.....	80	92	.....	1,587	4,754	.....	12,055	1,596	.....
1918 monthly average.....	108	84	63	94	105	103	1,865	5,737	3,417	14,105	1,835	124,870
1919 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>1,735</b>	<b>6,796</b>	<b>5,398</b>	<b>15,005</b>	<b>1,740</b>	<b>120,675</b>
1920 monthly average.....	227	126	111	97	124	99	3,946	8,580	5,975	14,627	2,163	119,102
1921 monthly average.....	161	114	139	119	109	58	2,802	7,747	7,489	17,855	1,893	69,948
<b>1920.</b>												
May.....	46	19	152	45	244	83	806	1,276	8,216	6,797	4,242	100,240
June.....	12	4	94	98	35	94	213	262	5,095	14,758	607	113,589
July.....	.....	27	67	104	59	94	.....	1,855	3,637	15,621	1,080	113,243
August.....	.....	57	45	91	110	88	.....	3,861	2,431	13,583	1,918	105,729
September.....	.....	162	34	120	211	104	.....	11,043	1,811	18,058	3,675	125,388
October.....	31	549	58	208	282	80	544	37,284	3,147	31,233	4,910	97,009
November.....	240	340	143	166	168	84	4,162	23,087	7,708	24,852	2,918	101,363
December.....	391	131	168	64	68	91	6,787	8,875	9,084	9,612	1,186	109,982
<b>1921.</b>												
January.....	368	89	181	92	117	81	6,384	6,046	9,789	13,871	2,038	98,005
February.....	272	99	172	79	102	78	4,718	6,698	9,279	11,884	1,769	94,419
March.....	210	84	208	107	99	66	3,650	5,695	11,210	16,087	1,724	79,284
April.....	127	41	197	99	144	53	2,210	2,819	10,617	14,847	2,511	63,861
May.....	64	22	161	96	139	46	1,119	1,496	8,712	14,461	2,423	55,519
June.....	26	6	144	118	47	45	445	422	7,750	17,645	822	54,752
July.....	8	18	94	114	85	47	131	1,220	5,063	17,041	1,482	56,819
August.....	.....	50	67	107	118	57	.....	3,384	3,611	16,115	2,048	68,515
September.....	.....	193	68	174	193	50	.....	13,146	3,661	26,040	3,362	60,801
October.....	46	480	93	277	142	64	792	32,653	5,012	41,514	2,466	76,960
November.....	207	206	112	104	68	54	3,597	14,023	6,044	15,617	1,182	65,717
December.....	136	85	169	65	60	54	2,354	5,760	9,126	9,790	1,054	64,727
<b>1922.</b>												
January.....	313	62	163	111	102	69	5,429	4,217	8,810	16,663	1,781	83,594
February.....	249	69	128	90	59	61	4,313	4,682	6,928	13,564	1,022	73,125
March.....	178	43	167	148	42	57	3,090	2,933	8,998	22,224	724	68,723
April.....	111	26	137	134	178	54	1,930	1,761	7,407	20,131	3,102	65,177
May.....	54	17	115	137	134	54	944	1,146	6,205	20,530	2,325	64,887
June.....	18	18	71	148	54	66	314	1,192	3,855	22,136	945	83,510
July.....	3	35	45	122	75	50	56	2,387	2,421	18,381	1,298	60,067
August.....	.....	63	35	116	126	70	.....	4,312	1,908	17,389	2,201	84,163
September.....	.....	186	35	155	243	.....	.....	12,607	1,888	23,244	4,234	.....
October.....	81	.....	.....	.....	.....	.....	1,397	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Except receipts of hay at 11 principal markets, which are compiled from weekly reports to the *Hay Trade Journal*; other data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics.<sup>2</sup> Oranges, lemons, and grapefruit.<sup>3</sup> As of 1st of the month.

## CEREAL EXPORTS.

Table 64.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	EXPORTS OF GRAIN (including flour and meal as grains).											
	Barley and barley flour.	Corn and corn meal.	Oats and oat-meal.	Rye and rye flour.	Wheat and wheat flour.	Total grains.	Barley and barley flour. <sup>2</sup>	Corn and corn meal. <sup>3</sup>	Oats and oat-meal. <sup>4</sup>	Rye and rye flour. <sup>5</sup>	Wheat and wheat flour. <sup>6</sup>	Total grains.
	Relative to 1913.						Thousands of bushels.					
	A.—INDEX NUMBERS.						B.—NUMERICAL DATA.					
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>1,461</b>	<b>4,223</b>	<b>3,018</b>	<b>155</b>	<b>11,907</b>	<b>20,764</b>
1914 monthly average.....	38	21	7	123	102	67	554	874	223	139	12,133	13,973
1915 monthly average.....	151	99	298	736	196	191	2,211	4,185	8,993	1,138	23,034	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	30,903
1918 monthly average.....	130	93	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	35,878
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	245	222	2,153	10,997	698	2,512	29,642	46,002
<b>1920.</b>												
May.....	43	23	56	6,651	217	190	635	992	1,687	10,280	25,888	39,482
June.....	38	27	22	4,130	183	147	557	1,143	658	6,383	21,754	30,495
July.....	69	30	16	5,105	291	218	1,013	1,288	495	7,891	34,655	45,352
August.....	163	31	24	3,657	274	206	2,377	1,293	719	5,652	32,674	42,715
September.....	141	26	32	1,715	294	201	2,066	1,099	968	2,650	34,994	41,777
October.....	172	48	26	1,900	361	247	2,515	2,046	774	2,937	43,033	51,305
November.....	111	51	38	3,141	260	196	1,623	2,167	1,153	4,855	30,989	40,787
December.....	172	86	43	3,645	254	208	2,520	3,626	1,307	5,634	30,186	43,273
<b>1921.</b>												
January.....	205	136	32	3,546	228	204	2,991	5,753	977	5,480	27,105	42,306
February.....	91	203	19	2,482	194	180	1,324	8,561	575	3,836	23,074	37,370
March.....	107	324	14	1,142	174	184	1,567	13,679	413	1,765	20,765	38,189
April.....	43	250	16	1,376	208	186	631	10,559	494	2,127	24,801	38,612
May.....	31	206	21	1,329	266	209	458	8,694	628	2,055	31,624	43,459
June.....	94	287	19	1,585	270	235	1,372	12,139	569	2,456	32,178	48,714
July.....	144	361	20	604	255	237	2,108	15,234	604	936	30,413	49,295
August.....	315	331	56	2,070	562	435	4,602	13,976	1,677	3,105	66,963	90,323
September.....	367	448	22	2,400	327	326	5,357	18,937	678	3,720	38,950	67,642
October.....	143	224	28	1,291	213	191	2,082	9,470	844	2,001	25,366	39,763
November.....	172	106	11	446	163	132	2,511	4,475	343	691	19,453	27,473
December.....	57	248	19	1,274	126	139	830	10,488	573	1,975	15,014	28,880
<b>1922.</b>												
January.....	29	460	17	745	126	176	421	19,437	511	1,154	14,982	36,505
February.....	32	527	14	790	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.....	251	231	161	7,202	267	295	3,671	9,769	4,870	11,163	31,839	61,312
October.....												
November.....												
December.....												

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

## MOVEMENT OF CEREALS.

Table 65.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	WHEAT FLOUR. <sup>2</sup>			WHEAT.			CORN.				BAR- LEY.	RYE.	OATS.	
	Produ- tion. <sup>5</sup>	Con- sump- tion.	Stocks.	Visible sup- ply. <sup>3</sup>	Re- ceipts. <sup>4</sup>	Ship- ments. <sup>4</sup>	Visible sup- ply. <sup>3</sup>	Re- ceipts. <sup>4</sup>	Ship- ments. <sup>4</sup>	Grind- ings.	Receipts at principal interior markets.			Visible sup- ply.
	Relative to 1914.	Relative to 1919.		Relative to 1913.	Relative to 1919.		Relative to 1913.	Relative to 1919.		Relative to 1913.				
1913 monthly av. ....				<b>100</b>			<b>100</b>			<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly av. ....	<b>100</b>			93			105			91	82	127	107	114
1915 monthly av. ....	96			61			183			111	93	140	109	106
1916 monthly av. ....	102			108	60		125	141		126	104	150	132	138
1917 monthly av. ....	101			51	69	71	64	116	116	118	76	148	120	136
1918 monthly av. ....	96			73	103	82	103	165	153	146	68	215	137	106
1919 monthly av. ....	114	<b>100</b>	<b>100</b>	144	<b>100</b>	<b>100</b>	41	<b>100</b>	<b>100</b>	129	86	308	93	128
1920 monthly av. ....	94	101	95	127	86	117	71	120	109	121	42	287	86	89
1921 monthly av. ....	104	105	76	134	115	122	255	189	214	116	37	199	86	270
<b>1920.</b>														
September.....	99	105	67	90	136	167	71	135	97	100	73	431	146	47
October.....	103	103	68	147	142	129	129	123	117	88	64	344	95	158
November.....	102	106	72	177	118	122	72	67	92	55	73	286	67	198
December.....	90	118	56	183	100	108	63	121	98	49	56	269	60	185
<b>1921.</b>														
January.....	92	83	68	144	92	96	190	262	196	75	41	170	81	193
February.....	73	84	62	130	67	75	294	175	152	87	23	108	55	196
March.....	94	95	64	69	72	78	420	227	239	96	34	101	74	195
April.....	97	98	63	82	74	91	303	77	154	86	24	119	47	177
May.....	87	98	54	52	86	113	211	142	241	112	28	106	62	173
June.....	83	77	57	41	96	105	326	235	244	109	43	113	99	198
July.....	110	95	75	69	197	129	208	118	216	100	34	198	107	216
August.....	137	124	89	96	218	263	161	196	244	133	71	480	197	347
September.....	138	143	88	170	195	202	158	244	305	145	56	424	92	355
October.....	143	126	111	233	132	144	266	230	239	157	44	232	106	401
November.....	105	125	98	260	81	98	217	103	144	147	23	154	52	397
December.....	91	115	82	264	76	68	323	265	197	143	19	181	65	389
<b>1922.</b>														
January.....	98	110	77	235	55	57	362	347	332	123	25	98	80	387
February.....	100	97	80	210	72	58	533	389	360	142	26	123	87	405
March.....	100	119	64	194	64	71	607	207	270	159	36	251	74	371
April.....	81	85	60	173	50	54	470	97	136	100	21	110	45	321
May.....	83	89	58	132	92	128	371	181	268	112	32	353	94	275
June.....	84	90	58	95	67	110	393	208	220	127	36	141	85	245
July.....	106	97	75	79	126	108	265	173	294	126	25	111	81	211
August.....	126	124	86	86	193	245	119	163	246	135	45	1,088	123	220
September.....	142	152	88	154	183	161	166	235	216	146	56	926	108	207
October.....														
November.....														
December.....														

See footnotes on opposite page.



## MOVEMENT OF CEREALS.

Table 66.—NUMERICAL DATA.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	WHEAT FLOUR.			WHEAT.			CORN.				BAR- LEY.	RYE.	OATS.	
	Produc- tion. <sup>2</sup>	Con- sump- tion.	Stocks.	Visible supply. <sup>3</sup>	Re- ceipts. <sup>4</sup>	Ship- ments. <sup>4</sup>	Visible supply. <sup>3</sup>	Re- ceipts. <sup>4</sup>	Ship- ments. <sup>4</sup>	Grind- ings.	Receipts at principal interior markets.		Visible supply.	
	Thousands of barrels.			Thousands of bushels.										
1913 monthly average.				<b>51,378</b>			<b>8,404</b>			<b>4,195</b>	<b>9,058</b>	<b>1,294</b>	<b>20,694</b>	<b>17,415</b>
1914 monthly average.	<b>9,703</b>			47,725			8,857			3,817	7,435	1,648	22,200	19,784
1915 monthly average.	9,338			31,220			15,352			4,664	8,385	1,809	22,651	18,384
1916 monthly average.	9,919			55,640	18,861		10,476	21,158		5,276	9,438	1,936	27,299	24,025
1917 monthly average.	9,815			26,330	21,619	14,198	5,346	17,447	10,233	4,952	6,907	1,912	24,844	23,692
1918 monthly average.	9,317			37,735	32,517	16,335	8,655	24,774	13,525	6,142	6,118	2,777	28,335	18,512
1919 monthly average.	11,091	<b>8,156</b>	<b>9,433</b>	73,833	<b>31,493</b>	<b>19,919</b>	3,444	<b>14,995</b>	<b>8,845</b>	5,411	7,746	3,988	19,264	22,298
1920 monthly average.	9,146	8,237	8,943	65,353	27,038	23,252	5,999	17,985	9,653	5,055	3,815	3,712	17,800	15,478
1921 monthly average.	10,102	8,569	7,148	68,593	36,369	24,318	21,414	28,409	18,949	4,875	3,321	2,573	17,880	46,968
<b>1920.</b>														
September.....	9,650	8,641	6,350	46,225	42,717	33,317	5,973	20,235	8,538	4,192	6,630	5,571	30,187	8,149
October.....	9,981	8,441	6,450	75,720	44,584	25,718	10,854	18,461	10,328	3,679	5,795	4,456	19,639	27,602
November.....	9,889	8,659	6,776	90,759	37,218	24,215	6,043	10,113	8,169	2,292	6,616	3,707	13,789	34,414
December.....	8,745	9,590	5,300	94,206	31,574	21,511	5,280	18,097	8,631	2,069	5,058	3,483	12,372	32,194
<b>1921.</b>														
January.....	8,924	6,764	6,400	74,036	28,978	19,190	15,977	39,348	17,375	3,147	3,754	2,203	16,717	33,632
February.....	7,066	6,825	5,820	66,928	21,209	14,996	24,745	26,196	13,431	3,670	2,075	1,398	11,316	34,142
March.....	9,100	7,725	6,000	35,654	22,558	15,599	35,277	33,973	21,102	4,023	3,111	1,304	15,253	33,903
April.....	9,368	7,976	5,900	42,317	23,344	18,162	25,495	11,541	13,637	3,588	2,137	1,544	9,731	30,740
May.....	8,406	7,989	5,100	26,875	27,000	22,517	17,708	21,319	21,282	4,696	2,551	1,369	12,855	30,114
June.....	8,087	6,248	5,400	21,027	30,172	21,001	27,363	35,240	21,576	4,577	3,859	1,465	20,570	34,401
July.....	10,720	7,746	7,090	35,493	61,994	25,741	17,519	17,658	19,127	4,195	3,073	2,557	22,152	37,562
August.....	13,266	10,126	8,363	49,369	68,643	52,464	13,490	29,381	21,565	5,772	6,387	6,208	40,690	60,455
September.....	13,349	11,660	8,265	87,197	61,406	40,300	13,262	36,561	26,961	6,092	5,086	5,488	19,016	61,824
October.....	13,917	10,248	10,425	119,943	41,568	28,758	22,328	34,496	21,160	6,569	4,013	3,006	21,994	69,917
November.....	10,166	10,164	9,241	133,702	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	135,823	23,975	13,634	27,109	39,723	17,403	6,001	1,704	2,346	13,420	67,728
<b>1922.</b>														
January.....	9,496	8,991	7,300	120,804	17,458	11,335	30,333	52,097	29,393	5,179	2,265	1,267	16,483	67,423
February.....	9,732	7,893	7,500	107,791	22,700	11,536	44,767	58,330	31,842	5,946	2,358	1,589	17,711	70,470
March.....	9,658	9,720	6,000	99,764	20,220	14,135	51,040	31,035	23,891	6,685	3,291	3,254	15,340	64,644
April.....	7,823	6,898	5,700	88,772	15,630	10,684	39,502	14,552	12,019	4,211	1,881	1,417	9,371	55,837
May.....	8,073	7,245	5,500	67,853	29,070	25,474	31,170	27,083	23,691	4,705	2,933	4,564	19,594	47,950
June.....	8,136	7,368	5,500	48,816	20,997	21,927	33,068	31,157	19,463	5,323	3,269	1,824	17,555	42,743
July.....	10,321	7,909	7,037	40,513	39,534	21,612	23,304	25,975	26,009	5,294	2,283	1,430	16,811	36,667
August.....	12,271	10,080	8,100	44,097	60,644	48,846	10,007	24,380	21,728	5,650	4,121	14,085	<b>25,371</b>	38,355
September.....	13,785	12,366	8,300	78,958	57,735	32,081	13,952	35,296	19,136	6,108	5,081	11,980	22,418	35,968
October.....														
November.....														
December.....														

<sup>1</sup> Wheat flour production, consumption, and stocks reported by U. S. Grain Corporation, prior to July, 1920, later months from *Russell's Commercial News*; Visible supply of wheat and corn from *Bradstreet's*; Receipts and shipments of wheat and corn and receipts and visible supply (at nearest week to end of month) of oats, compiled by *Chicago Board of Trade*, from the *Price Current-Grain Reporter*; receipts of barley and rye compiled from reports of commercial organizations by *Federal Reserve Board*; grindings of corn by the wet process in the manufacture of cornstarch, glucose, etc., compiled by the *American Manufacturers Association of Products from Corn* and comprises the entire production of the United States.

<sup>2</sup> Consumption calculated from production, stocks, imports, and exports. Stocks represent flour in all positions, calculated from actual reports bearing a known relation to total stocks.

<sup>3</sup> Aggregate stocks in United States and Canada east of the Rocky Mountains, on nearest Saturday to end of the month.

<sup>4</sup> At principal primary markets.

<sup>5</sup> For monthly production figures since January, 1914, see page 47 in the October, 1922 (No. 14) issue of the Survey.

## LIVE-STOCK MOVEMENT.

Table 67.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	CATTLE.				HOGS.				SHEEP.			
	Total receipts.	Shipments.		Total slaughter.	Total receipts.	Shipments.		Total slaughter.	Total receipts.	Shipments.		Total 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.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 monthly average.....	91	76	92	91	95	81	107	90	83	74	86	87
1921 monthly average.....	80	66	80	81	92	56	103	86	89	45	78	101
<b>1920.</b>												
January.....	92	79	85	97	142	119	142	142	70	52	58	87
February.....	72	55	67	76	93	113	111	84	62	24	49	77
March.....	89	55	65	106	107	142	120	101	58	23	43	75
April.....	76	56	68	84	82	101	96	75	64	46	61	67
May.....	87	67	88	87	114	90	117	113	66	40	68	67
June.....	92	62	89	94	99	58	110	95	72	39	67	80
July.....	82	50	82	82	76	36	92	69	90	56	85	95
August.....	96	64	98	91	68	47	80	62	115	98	123	104
September.....	111	111	121	103	64	63	78	57	128	138	135	116
October.....	108	132	131	92	75	80	89	68	134	183	165	93
November.....	118	126	130	106	104	72	117	97	109	148	124	96
December.....	68	63	73	69	112	50	127	106	69	45	59	85
<b>1921.</b>												
January.....	80	46	68	87	126	58	140	120	79	15	57	104
February.....	58	38	52	64	107	68	116	103	67	11	48	89
March.....	76	54	67	83	90	108	106	84	77	15	57	100
April.....	73	54	68	78	86	76	95	83	74	18	58	94
May.....	75	49	67	81	89	52	88	89	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	79	67	116	96	118	114
October.....	112	141	134	94	86	60	102	78	133	126	138	124
November.....	94	113	112	82	99	44	109	93	89	88	87	94
December.....	69	56	76	65	105	47	148	84	73	35	73	76
<b>1922.</b>												
January.....	79	53	75	81	114	36	150	98	81	32	73	88
February.....	69	55	66	72	97	83	111	90	62	29	54	72
March.....	79	64	71	87	91	99	99	89	65	25	56	74
April.....	72	53	63	79	82	75	89	79	54	17	47	64
May.....	91	83	87	95	100	93	96	101	75	25	69	81
June.....	86	72	78	93	101	76	93	106	75	31	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.....	116	136	139	97	82	44	97	76	99	91	103	96
October.....												
November.....												
December.....												

See footnote on opposite page.

## LIVE-STOCK MOVEMENT.

Table 68.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	CATTLE.				HOGS.				SHEEP.			
	Total receipts.	Shipments.		Total slaughter.	Total receipts.	Shipments.		Total slaughter.	Total receipts.	Shipments.		Total 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	64	1,027	2,157	1,618	352	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 .....	<b>2,054</b>	<b>440</b>	<b>894</b>	<b>1,141</b>	<b>3,737</b>	<b>75</b>	<b>1,194</b>	<b>2,536</b>	<b>2,265</b>	<b>578</b>	<b>1,210</b>	<b>1,054</b>
1920 monthly average .....	1,866	336	818	1,034	3,549	61	1,273	2,272	1,876	430	1,043	915
1921 monthly average .....	1,648	291	718	922	3,422	42	1,227	2,193	2,008	258	942	1,069
<b>1920.</b>												
January .....	1,881	348	761	1,105	5,311	90	1,699	3,593	1,596	303	699	922
February .....	1,486	240	602	871	3,467	85	1,321	2,139	1,411	140	589	812
March .....	1,822	241	582	1,209	4,000	107	1,427	2,556	1,308	135	520	792
April .....	1,561	244	605	961	3,065	76	1,146	1,902	1,460	269	734	709
May .....	1,784	295	783	992	4,263	68	1,397	2,859	1,488	234	818	706
June .....	1,887	272	799	1,069	3,709	43	1,308	2,421	1,640	227	806	845
July .....	1,678	218	734	940	2,850	27	1,101	1,754	2,034	324	1,029	1,002
August .....	1,970	283	880	1,043	2,525	36	958	1,564	2,607	568	1,486	1,099
September .....	2,294	489	1,087	1,172	2,391	47	935	1,452	2,896	796	1,632	1,218
October .....	2,209	580	1,172	1,049	2,789	60	1,068	1,726	3,027	1,059	2,001	978
November .....	2,427	553	1,166	1,207	3,872	54	1,400	2,465	2,471	857	1,498	1,010
December .....	1,392	279	650	785	4,195	37	1,520	2,680	1,566	259	710	891
<b>1921.</b>												
January .....	1,644	205	609	995	4,700	43	1,666	3,032	1,792	88	687	1,101
February .....	1,190	166	465	728	4,009	51	1,391	2,604	1,516	62	586	935
March .....	1,565	237	600	948	3,382	81	1,261	2,119	1,750	88	693	1,033
April .....	1,494	238	612	892	3,230	57	1,136	2,097	1,677	107	706	988
May .....	1,542	214	597	924	3,328	39	1,045	2,270	1,916	123	926	1,015
June .....	1,580	209	593	1,005	3,579	33	1,143	2,474	1,850	89	768	1,093
July .....	1,343	122	492	844	2,727	17	919	1,808	1,776	139	772	1,006
August .....	1,867	355	846	997	2,656	23	931	1,722	2,500	404	1,123	1,335
September .....	1,906	395	911	986	2,655	41	951	1,697	2,618	555	1,428	1,200
October .....	2,302	622	1,194	1,073	3,212	45	1,219	1,990	3,013	731	1,668	1,311
November .....	1,928	497	997	935	3,687	33	1,297	2,370	2,026	511	1,052	988
December .....	1,415	245	682	740	3,911	35	1,765	2,137	1,664	202	881	804
<b>1922.</b>												
January .....	1,628	233	672	927	4,278	27	1,787	2,484	1,835	183	887	925
February .....	1,416	243	586	822	3,612	62	1,327	2,285	1,399	169	656	760
March .....	1,622	282	632	994	3,411	74	1,181	2,246	1,465	143	677	780
April .....	1,470	235	562	898	3,067	56	1,067	2,000	1,227	97	564	678
May .....	1,878	365	780	1,086	3,737	70	1,149	2,571	1,692	145	832	852
June .....	1,759	315	701	1,058	3,776	57	1,114	2,677	1,700	182	777	924
July .....	1,709	223	669	1,002	2,980	31	1,025	1,940	1,677	204	717	956
August .....	2,149	469	1,035	1,106	3,037	31	1,065	1,976	1,951	350	904	1,021
September .....	2,373	597	1,241	1,107	3,062	33	1,153	1,917	2,241	524	1,241	1,008
October .....												
November .....												
December .....												

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

## MEAT PRODUCTS.

Table 69.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	EXPORTS.		COLD-STORAGE HOLDINGS. <sup>2</sup>			PRODUCTION—INSPECTED SLAUGHTER. <sup>3</sup>			APPARENT CONSUMPTION OF MEAT. <sup>4</sup>		WHOLESALE PRICES.		
	Pork products. <sup>5</sup>	Beef products. <sup>6</sup>	Beef products. <sup>7</sup>	Pork products. <sup>8</sup>	Lamb and mutton. <sup>9</sup>	Beef.	Pork.	Lamb and mutton.	Beef.	Pork.	Beef (fresh).		Pork.
											Good native steers, Chicago.	Steer rounds, No. 2, Chicago.	Loins, fresh, Chicago.
	Relative to 1913.		Relative to 1919.			Relative to 1913.			Relative to 1919.		Relative to 1913.		
1913 mo. av..	<b>100</b>	<b>100</b>	.....	.....	.....	<b>100</b>	<b>100</b>	<b>100</b>	.....	.....	<b>100</b>	<b>100</b>	<b>100</b>
1914 mo. av..	94	89	.....	.....	.....	96	96	98	.....	.....	105	102	103
1915 mo. av..	138	313	.....	.....	.....	106	108	84	.....	.....	100	95	96
1916 mo. av..	147	236	47	67	40	116	116	82	82	153	107	99	109
1917 mo. av..	132	239	78	70	53	137	89	64	96	115	167	124	164
1918 mo. av..	229	473	108	94	66	154	117	70	104	129	171	169	198
1919 mo. av..	268	235	<b>100</b>	<b>100</b>	<b>100</b>	131	120	84	<b>100</b>	<b>100</b>	180	171	212
1920 mo. av..	156	143	70	99	133	121	111	67	93	149	178	163	207
1921 mo. av..	169	112	44	85	324	109	116	78	82	155	126	110	151
<b>1920.</b>													
September...	125	78	37	107	131	128	70	81	100	173	201	183	271
October.....	150	101	33	80	301	127	84	78	94	175	195	165	258
November...	157	104	37	57	582	132	113	72	96	169	185	157	197
December...	228	111	42	51	674	108	137	72	70	124	171	142	139
<b>1921.</b>													
January.....	197	182	59	65	810	113	154	84	82	151	134	122	146
February....	184	107	60	83	928	88	138	74	64	111	124	109	130
March.....	174	93	61	105	705	109	111	86	83	133	126	115	170
April.....	144	107	58	107	458	101	108	79	79	150	127	122	182
May.....	172	117	51	105	298	102	116	71	79	140	127	120	150
June.....	155	97	46	108	189	114	128	75	88	167	124	118	131
July.....	209	132	40	110	104	101	110	67	77	157	115	122	150
August.....	213	136	35	101	80	118	94	85	91	152	124	122	192
September...	212	136	28	85	70	119	87	86	89	169	123	110	184
October.....	121	94	25	61	71	125	99	93	93	188	127	96	162
November...	110	74	27	45	82	114	118	77	83	175	133	87	121
December....	130	69	33	43	89	99	133	66	74	168	127	83	95
<b>1922.</b>													
January.....	156	67	35	51	77	111	144	72	85	172	119	90	108
February....	168	91	33	60	47	98	123	59	74	141	112	97	114
March.....	152	131	31	67	34	119	118	64	89	134	112	101	133
April.....	110	101	29	74	34	106	105	56	80	145	112	110	159
May.....	121	141	27	76	25	124	133	63	94	170	112	116	160
June.....	146	146	24	83	27	125	149	70	94	178	112	123	135
July.....	163	112	21	94	44	119	117	65	89	175	114	130	160
August.....	156	101	20	91	39	127	109	71	95	173	120	125	173
September...	146	102	20	81	40	.....	.....	.....	.....	.....	120	114	191
October.....	.....	.....	22	62	42	.....	.....	.....	.....	.....	.....	.....	.....
November...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page.

## MEAT PRODUCTS.

Table 70.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	EXPORTS.		COLD-STORAGE HOLDINGS. <sup>2</sup>			PRODUCTION—INSPECTED SLAUGHTER. <sup>3</sup>			APPARENT CONSUMPTION OF MEAT. <sup>4</sup>		WHOLESALE PRICES.		
	Pork products. <sup>5</sup>	Beef products. <sup>6</sup>	Beef products. <sup>7</sup>	Pork products. <sup>8</sup>	Lamb and mutton. <sup>9</sup>	Beef.	Pork.	Lamb and mutton.	Beef.	Pork.	Beef (fresh).		Pork.
											Good native steers, Chicago.	Steer rounds, No. 2, Chicago.	Loins, fresh, Chicago.
	Thousands of pounds.									Dollars per pound.			
1913 mo. av.	<b>82,058</b>	<b>13,625</b>				<b>343,402</b>	<b>482,846</b>	<b>52,389</b>			<b>\$0.130</b>	<b>\$0.131</b>	<b>\$0.149</b>
1914 mo. av.	76,826	12,163				328,805	464,139	51,226			.136	.133	.154
1915 mo. av.	113,205	42,609				364,210	521,302	44,125			.129	.124	.143
1916 mo. av.	120,932	32,105	112,462	609,290	3,383	396,865	558,919	43,219	365,063	429,322	.138	.130	.162
1917 mo. av.	108,209	32,502	186,647	638,684	4,477	469,328	428,233	33,645	427,141	321,411	.167	.162	.244
1918 mo. av.	187,554	64,444	258,167	856,059	5,580	527,898	566,370	36,641	465,686	360,829	.221	.221	.295
1919 mo. av.	219,803	32,053	<b>240,140</b>	<b>912,053</b>	<b>8,413</b>	451,389	580,989	43,890	<b>447,129</b>	<b>279,897</b>	.233	.224	.315
1920 mo. av.	128,004	19,545	168,108	904,425	15,362	415,434	538,286	35,255	413,968	416,303	.230	.213	.307
1921 mo. av.	138,308	15,249	104,545	770,717	27,222	372,858	561,614	41,134	365,273	433,965	.163	.145	.225
<b>1920.</b>													
September	102,472	10,589	89,721	977,785	11,021	440,290	335,887	42,395	448,827	485,552	.260	.240	.403
October	123,191	13,802	78,055	725,699	25,324	434,715	406,316	40,844	419,017	489,236	.252	.216	.384
November	129,168	14,204	89,015	520,127	48,997	453,689	544,410	37,906	428,474	472,078	.240	.205	.293
December	187,127	15,177	100,006	463,360	56,702	369,178	663,404	37,586	314,828	346,463	.225	.186	.206
<b>1921.</b>													
January	161,694	24,767	142,813	593,299	68,032	387,870	744,128	44,101	367,300	422,389	.174	.160	.218
February	151,336	14,547	142,891	734,659	78,082	302,992	664,634	38,942	286,107	312,003	.160	.143	.193
March	143,168	12,627	146,409	957,230	59,304	375,973	536,427	44,837	372,900	371,959	.163	.150	.253
April	118,192	14,624	138,345	971,520	38,520	347,569	521,521	41,282	351,725	420,270	.165	.160	.270
May	141,041	15,911	122,188	954,618	25,129	351,405	560,758	37,367	351,545	390,985	.165	.158	.223
June	127,908	13,192	109,553	983,380	15,877	391,699	619,355	39,118	394,414	471,333	.160	.155	.195
July	171,561	18,018	96,220	1,003,562	8,714	347,792	529,514	35,040	343,882	430,480	.149	.160	.223
August	174,917	18,499	84,091	922,059	6,751	406,110	451,662	44,433	407,509	424,972	.160	.160	.285
September	173,989	18,568	67,334	773,852	5,903	407,349	422,022	45,290	397,223	472,920	.160	.144	.274
October	99,202	12,773	59,822	557,016	5,993	427,661	480,622	48,486	414,455	525,838	.164	.125	.240
November	90,248	10,043	64,156	408,312	6,840	392,487	567,622	40,149	370,210	489,336	.173	.114	.180
December	106,440	9,420	80,007	396,397	7,520	341,040	641,093	34,557	330,245	469,521	.164	.108	.141
<b>1922.</b>													
January	127,623	9,109	84,808	462,637	6,444	381,718	693,020	37,515	379,993	482,083	.154	.118	.160
February	138,055	12,404	78,295	546,100	3,914	336,393	594,090	30,754	329,038	393,499	.145	.128	.169
March	124,411	17,808	73,782	608,747	2,863	408,248	568,137	33,656	395,747	375,276	.145	.132	.198
April	90,132	13,735	69,516	677,254	2,878	363,071	508,909	29,299	356,787	405,764	.145	.144	.236
May	99,440	19,145	64,507	690,296	2,071	427,393	644,495	33,226	418,682	475,985	.145	.151	.238
June	119,855	19,894	56,852	739,453	2,310	429,692	720,687	36,427	419,197	498,674	.145	.161	.200
July	133,426	15,281	50,706	861,638	3,720	407,330	567,065	34,033	400,152	488,760	.148	.170	.238
August	127,667	13,751	47,030	826,535	3,308	437,813	525,889	37,430	425,163	485,361	.155	.164	.256
September	120,154	13,832	48,291	739,425	3,376						.155	.149	.284
October			53,566	565,146	3,539								
November													
December													

<sup>1</sup>Exports reported by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; cold-storage holdings from the U. S. Department of Agriculture, Bureau of Agricultural Economics; production of beef and pork from animals slaughtered under Federal inspection reported by the U. S. Department of Agriculture, Bureau of Animal Industry. Apparent consumption has been computed from the inspected slaughter plus imports less exports and the change in storage holdings. Wholesale prices are average for the month from U. S. Department of Labor, Bureau of Labor Statistics.

<sup>2</sup>Cold-storage holdings are distinctly seasonal. No allowance for this has been made in calculating index numbers. Figures represent storage holdings on the first day of each month.

<sup>3</sup>Total dressed weight slaughtered under Federal inspection, including veal with beef. The slaughter under Federal inspection, according to census figures in 1919, amounted to 68 per cent of the total number of animals slaughtered in the United States in the case of hogs and 82 per cent in the case of beef and 91 per cent for lamb.

<sup>4</sup>Includes meat produced under Federal inspection only.

<sup>5</sup>Includes bacon, ham, shoulders, lard, neutral lard, and canned, fresh, and pickled pork.

<sup>6</sup>Includes fresh, canned, pickled, and cured beef, and oleo oil and tallow.

<sup>7</sup>Includes beef, frozen, cured, and in process of cure.

<sup>8</sup>Includes pork, frozen, dry salt, and pickled, both cured and in process of cure, and lard.

<sup>9</sup>Frozen lamb and mutton.

## MILK.

Table 71.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	FLUID MILK.				CONDENSED AND EVAPORATED MILK (case goods).			ICE CREAM.
	Receipts at Greater New York. <sup>2</sup>	Receipts at Philadelphia. <sup>3</sup>	Receipts at Boston (including cream). <sup>4</sup>	Production, Minneapolis-St. Paul. <sup>5</sup>	Production.	Exports.	Stocks. <sup>7</sup>	Production.
	Relative to 1913.		Relative to 1919.			Relative to 1920.		Relative to 1919.
1913 monthly average .....	<b>100</b>	<b>100</b>				2		
1914 monthly average .....	101	100				3		
1915 monthly average .....	106	103				9		
1916 monthly average .....	108	110				26		
1917 monthly average .....	110	108	90			50		
1918 monthly average .....	118	111	93	80	77	65		94
1919 monthly average .....	125	124	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		<b>100</b>
1920 monthly average .....	136	131	106	109	76	48	<b>100</b>	111
1921 monthly average .....	143	139	100	170	71	34	79	110
<b>1920.</b>								
September .....	135	130	107	89	71	30	122	145
October .....	139	128	112	89	35	28	140	89
November .....	131	119	101	91	20	24	135	49
December .....	133	115	103	112	21	27	122	43
<b>1921.</b>								
January .....	132	116	101	139	24	42	102	44
February .....	124	116	94	153	34	31	80	46
March .....	143	130	110	183	58	40	61	75
April .....	141	123	106	182	86	28	46	97
May .....	153	129	119	225	113	13	52	148
June .....	161	138	123	229	111	31	79	203
July .....	162	143	118	179	81	24	103	240
August .....	149	128	110	165	88	43	105	171
September .....	151	127	108	137	73	54	78	139
October .....	144	127	106	140	74	45	79	67
November .....	122	116	100	136	58	26	77	48
December .....	134	115	103	171	55	31	84	41
<b>1922.</b>								
January .....	137	118	113	192	55	26	84	41
February .....	128	118	104	182	52	28	78	49
March .....	148	132	103	207	62	35	69	66
April .....	144	* 121	110	192	69	34	62	92
May .....	166	* 138	125	226	94	22	65	161
June .....	165		129	224	95	22	77	207
July .....	161		125	189	( <sup>6</sup> )	12	83	( <sup>6</sup> )
August .....	154		118	155	( <sup>6</sup> )	16	72	( <sup>6</sup> )
September .....	149		112	146	( <sup>6</sup> )	15	70	( <sup>6</sup> )
October .....								
November .....								
December .....								

See footnotes on opposite page also.

<sup>1</sup> Milk receipts at Greater New York from the *Milk Reporter*; at Philadelphia from the *Philadelphia Milk Exchange* up to Jan. 1, 1922, current figures from the *Interstate Milk Producers Association*; receipts at Boston from *Massachusetts Department of Public Utilities*; milk production in Minneapolis-St. Paul district from *Twin City Milk Producers Association*; exports of condensed milk from *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*; production and stocks of condensed milk and production of ice cream from *U. S. Department of Agriculture, Bureau of Agricultural Economics*; 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.

## MILK.

Table 72.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	FLUID MILK.				CONDENSED AND EVAPORATED MILK (case goods).			ICE CREAM.	MILK DELIVERIES TO MILK PLANTS.								
	Receipts at Greater New York. <sup>2</sup>	Receipts at Philadelphia. <sup>3</sup>	Receipts at Boston (including cream). <sup>4</sup>	Production, Minneapolis-St. Paul. <sup>5</sup>	Production.	Exports.	Stocks. <sup>7</sup>	Production.	Total.	Fluid milk.	For manufacture of—						
											Soft cheese, ice cream, condensed milk, etc.	Milk chocolate, whole milk powder, etc.	Butter.	Cheese (American).			
Thousands of cans, 40 quarts each.	Thousands of quarts.				Thousands of pounds.			Thousands of gallons.	Thousands of pounds.								
1913 monthly average...	1,496	14,452															
1914 monthly average...	1,513	14,478															
1915 monthly average...	1,590	14,869															
1916 monthly average...	1,613	15,949															
1917 monthly average...	1,652	15,571	11,727				35,705										
1918 monthly average...	1,763	16,113	12,193	5,715	110,639	45,928		10,470									
1919 monthly average...	1,873	17,984	13,059	7,145	143,956	71,072		11,098									
1920 monthly average...	2,036	18,914	13,865	7,786	109,427	34,252	224,689	12,358									
1921 monthly average...	2,142	20,107	13,010	12,141	102,261	24,140	177,066	12,193									
<b>1920.</b>																	
September.....	2,027	18,723	13,935	6,328	102,638	21,342	275,156	16,107									
October.....	2,075	18,509	14,586	6,336	51,159	20,147	315,380	9,823									
November.....	1,953	17,208	13,201	6,486	29,098	17,207	302,800	5,391									
December.....	1,992	16,564	13,421	8,012	30,159	19,268	274,681	4,774									
<b>1921.</b>																	
January.....	1,978	16,741	13,180	9,934	34,964	30,192	229,386	4,919									
February.....	1,854	16,810	12,321	10,898	48,700	21,830	180,744	5,147									
March.....	2,143	18,771	14,334	13,100	83,513	28,194	135,966	8,336									
April.....	2,111	17,840	13,857	13,023	123,639	20,221	103,698	10,756									
May.....	2,289	18,591	15,525	16,098	163,288	9,186	116,557	16,382	434,411	174,457	84,621	50,770	70,733	53,830			
June.....	2,414	19,978	16,054	16,376	160,140	21,700	178,367	22,516	459,518	182,052	96,789	57,699	59,189	63,789			
July.....	2,427	20,598	15,383	12,758	116,127	17,338	232,374	26,624	377,353	182,790	107,963	25,550	19,426	41,624			
August.....	2,229	18,521	14,311	11,773	127,167	30,360	235,056	18,986	364,293	166,209	72,747	44,994	42,738	37,605			
September.....	2,262	18,368	14,045	9,767	104,958	38,061	174,254	15,425	320,441	176,592	56,510	26,256	35,994	25,089			
October.....	2,155	18,376	13,786	9,996	106,134	32,232	177,672	7,417	196,734	95,640	31,900	25,066	28,586	15,542			
November.....	1,826	16,714	13,115	9,739	84,072	18,126	172,170	5,277	234,332	123,120	41,060	32,938	27,604	9,610			
December.....	2,012	16,588	13,484	12,226	78,813	22,238	188,498	4,526	272,196	140,880	49,425	37,170	34,564	10,157			
<b>1922.</b>																	
January.....	2,050	17,088	14,743	13,698	79,366	18,352	189,227	4,518	290,644	150,617	51,959	35,703	41,080	11,285			
February.....	1,908	17,094	13,523	13,031	74,557	19,951	176,332	5,436	273,865	131,235	55,871	38,041	38,350	10,368			
March.....	2,209	19,142	13,438	14,812	88,759	25,006	155,650	7,286	353,014	147,449	74,033	49,942	61,369	20,221			
April.....	2,156	<sup>3</sup> 17,545	14,428	13,687	99,861	24,234	139,418	10,231	333,838	95,983	92,983	66,986	43,749	34,633			
May.....	2,479	<sup>3</sup> 19,909	16,287	16,114	134,826	15,711	145,667	17,854	422,697	110,260	125,364	101,505	45,134	40,434			
June.....	2,475		16,889	16,019	136,528	15,706	173,817	82,922	407,426	110,301	111,458	92,566	46,323	46,778			
July.....	2,412		16,377	13,509	( <sup>6</sup> )	8,823	187,367	( <sup>6</sup> )	353,526	112,272	96,184	77,183	31,211	36,676			
August.....	2,302		15,402	11,042	( <sup>6</sup> )	11,247	161,846	( <sup>6</sup> )	299,451	96,623	77,991	69,397	27,746	27,693			
September.....	2,233		14,589	10,396	( <sup>6</sup> )	10,549	158,371	( <sup>6</sup> )	268,880	102,057	67,101	49,044	29,045	21,632			
October.....																	
November.....																	
December.....																	

<sup>1</sup> Receipts of milk, excluding cream, in the metropolitan area around New York City, including many large cities in New Jersey.<sup>2</sup> Receipts of milk, including cream and condensed milk by railroad, trolley, and auto truck; figures for April and May, 1922, do not include auto truck receipts, which amount to about 1,000,000 quarts.<sup>3</sup> Receipts of milk by rail, including cream.<sup>4</sup> 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.<sup>5</sup> Production compiled by months but issued quarterly; figures not available at time of going to press.<sup>7</sup> Include bulk goods also and are given as of the first day of the month.

## BUTTER AND CHEESE.

Table 73.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH	BUTTER.				CHEESE.				BUTTER.				CHEESE.			
	Pro-duction.	Re-ceipts at 5 mar-kets. <sup>2</sup>	Cold-storage hold-ings (cream-ery). <sup>4</sup>	Whole-sale price, 5 mar-kets. <sup>6</sup>	Pro-duction. <sup>3</sup>	Re-ceipts at 5 mar-kets. <sup>2</sup>	Cold-storage hold-ings (Amer-ican). <sup>4</sup>	Whole-sale price, 5 mar-kets. <sup>7</sup>	Pro-duction.	Re-ceipts at 5 mar-kets. <sup>2</sup>	Cold-storage hold-ings (cream-ery). <sup>4</sup>	Whole-sale price, 5 mar-kets. <sup>6</sup>	Pro-duction. <sup>3</sup>	Re-ceipts at 5 mar-kets. <sup>2</sup>	Cold-storage hold-ings (Amer-ican). <sup>4</sup>	Whole-sale price, 5 mar-kets. <sup>7</sup>
	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.			
	A.—INDEX NUMBERS.								B.—NUMERICAL DATA.							
1916-1920 mo. av.			<b>100</b>				<b>100</b>				<b>56,364</b>				<b>37,178</b>	
1916 mo. av.			92				70				51,825				25,850	
1917 mo. av.			96				120				53,939				44,679	
1918 mo. av.	94		89		87		104		68,181		50,305		22,338		38,552	
1919 mo. av.	<b>100</b>	<b>100</b>	118	<b>100</b>	<b>100</b>	<b>100</b>	104	<b>100</b>	<b>72,344</b>	<b>45,871</b>	66,410	<b>\$0.593</b>	<b>25,771</b>	<b>16,281</b>	38,664	<b>\$0.310</b>
1920 mo. av.	99	86	105	99	86	85	103	90	71,965	39,269	59,341	.586	22,126	13,814	38,147	.280
1921 mo. av.	120	103	95	72	85	90	82	70	86,627	47,445	53,491	.429	21,783	14,719	30,585	.216
<b>1920.</b>																
September.....	107	91	205	96	92	79	162	90	77,106	41,966	115,558	.567	23,785	12,831	60,372	.279
October.....	90	73	201	96	80	78	148	87	65,129	33,611	113,385	.570	20,593	12,767	55,007	.269
November.....	74	58	181	105	53	84	131	84	53,570	26,643	101,778	.620	13,559	13,727	48,566	.261
December.....	72	57	141	89	41	72	107	80	52,395	26,326	79,750	.528	10,637	11,703	39,921	.249
<b>1921.</b>																
January.....	81	67	104	85	47	70	92	94	58,906	30,939	58,682	.502	12,228	11,387	34,115	.293
February.....	78	61	74	83	51	69	67	81	56,556	27,996	41,486	.493	13,122	11,274	25,000	.251
March.....	94	78	48	77	70	78	47	80	67,677	35,593	27,103	.455	17,994	12,675	17,477	.250
April.....	111	85	26	74	93	87	38	85	80,363	38,841	14,732	.441	23,919	14,145	14,294	.263
May.....	165	131	14	53	136	120	36	49	119,077	60,208	7,712	.316	35,077	19,567	13,466	.152
June.....	181	181	38	55	143	133	48	49	130,633	82,882	21,682	.324	36,951	21,619	17,814	.153
July.....	151	135	110	66	102	118	94	60	109,288	61,786	61,991	.392	26,342	19,180	34,948	.185
August.....	151	136	147	76	105	79	111	64	108,897	62,337	82,838	.448	26,963	12,863	41,284	.200
September.....	121	110	164	72	90	91	125	64	87,634	50,546	92,292	.425	23,071	14,841	46,635	.200
October.....	114	95	160	78	81	101	121	69	82,785	43,785	90,116	.461	20,969	16,382	45,163	.214
November.....	95	81	138	76	51	83	116	71	68,604	37,282	78,014	.451	13,216	13,455	43,015	.220
December.....	96	81	116	73	45	69	92	66	69,104	37,172	65,138	.435	11,547	11,237	34,062	.206
<b>1922.</b>																
January.....	99	91	86	62	47	66	74	67	71,745	41,697	48,411	.365	12,077	10,684	27,691	.209
February.....	91	85	62	63	51	70	58	67	65,764	38,894	35,042	.375	13,076	11,319	21,430	.208
March.....	107	98	40	63	68	90	40	64	77,521	44,919	22,557	.371	17,411	14,586	14,953	.199
April.....	116	93	16	61	74	97	29	59	83,881	42,694	9,113	.363	19,159	15,757	10,745	.183
May.....	178	150	7	61	109	116	51	56	128,554	68,893	3,830	.360	27,979	18,809	18,980	.175
June.....	201	203	23	64	127	140	42	61	145,766	93,139	13,202	.377	32,648	22,756	15,481	.188
July.....	( <sup>5</sup> )	202	120	62	( <sup>5</sup> )	147	89	65	( <sup>5</sup> )	92,829	67,410	.367	( <sup>5</sup> )	23,940	33,130	.200
August.....	( <sup>5</sup> )	136	183	61	( <sup>5</sup> )	122	125	65	( <sup>5</sup> )	62,494	103,329	.362	( <sup>5</sup> )	19,819	46,287	.200
September.....	( <sup>5</sup> )	101	199	69	( <sup>5</sup> )	109	144	70	( <sup>5</sup> )	46,419	112,039	.410	( <sup>5</sup> )	17,729	53,625	.216
October.....			171				133				96,367				49,455	
November.....																
December.....																

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



## POULTRY, EGGS, AND FISH.

Table 74.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	POULTRY.		EGGS.		FISH.		POULTRY.		EGGS.		FISH.	
	Re- ceipts at 5 mar- kets. <sup>2</sup>	Cold- storage hold- ings. <sup>3</sup>	Re- ceipts at 5 mar- kets. <sup>2</sup>	Cold- storage holdings (case eggs). <sup>6</sup>	Total catch.	Cold- storage hold- ings. <sup>4</sup>	Receipts at 5 markets. <sup>2</sup>	Cold- storage hold- ings. <sup>3</sup>	Receipts at 5 markets. <sup>2</sup>	Cold- storage holdings (case eggs). <sup>6</sup>	Total catch.	Cold- storage holdings. <sup>4</sup>
	Relative to 1919.		Relative to 1916-20.		Relative to 1919.		Thousands of pounds.		Thousands of cases. <sup>7</sup>		Thousands of pounds.	
	A.—INDEX NUMBERS.						B.—NUMERICAL DATA.					
1916-1920 monthly average.....				<b>100</b>						<b>3,689</b>		
1913 monthly average.....					<sup>5</sup> 78						<sup>5</sup> 13,513	
1914 monthly average.....					<sup>5</sup> 78						<sup>5</sup> 13,549	
1915 monthly average.....					<sup>5</sup> 82						<sup>5</sup> 14,300	
1916 monthly average.....				85	98					3,118	16,936	
1917 monthly average.....				121	92					4,472	15,999	
1918 monthly average.....		61		93	107	101		40,352		3,413	18,549	62,501
1919 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>111</b>	<b>100</b>	<b>100</b>	<b>19,804</b>	<b>66,565</b>	<b>1,188</b>	<b>4,089</b>	<b>17,353</b>	<b>61,764</b>
1920 monthly average.....	97	70	86	91	90	73	19,148	46,853	1,027	3,355	13,675	45,296
1921 monthly average.....	108	72	103	112	78	72	21,481	48,224	1,229	4,132	13,608	44,268
<b>1920.</b>												
September.....	83	32	68	173	94	90	16,480	21,331	811	6,372	16,267	55,602
October.....	82	34	50	144	101	104	16,317	22,953	589	5,295	17,612	64,438
November.....	191	47	33	104	73	110	37,909	31,070	391	3,838	12,715	67,828
December.....	281	74	30	49	69	106	55,554	49,046	360	1,824	11,915	65,387
<b>1921.</b>												
January.....	124	119	55	11	68	78	24,523	79,025	648	408	11,869	48,320
February.....	72	122	98	1	85	68	14,260	81,096	1,168	43	14,806	42,116
March.....	55	119	166	1	81	54	10,963	79,001	1,977	43	14,059	33,411
April.....	51	94	210	52	58	46	10,191	62,315	2,498	1,926	10,048	28,444
May.....	54	72	177	133	69	43	10,719	47,651	2,101	4,909	11,920	26,346
June.....	60	53	130	186	101	52	11,874	35,408	1,539	6,844	17,505	32,311
July.....	52	41	95	204	86	65	10,392	27,268	1,129	7,534	14,983	40,160
August.....	76	32	93	206	99	77	15,128	21,188	1,100	7,605	17,267	47,462
September.....	93	30	77	195	86	88	18,400	20,064	919	7,210	14,870	54,591
October.....	100	38	62	170	96	94	21,525	25,602	732	6,269	16,667	58,242
November.....	241	52	34	119	59	99	47,674	34,876	399	4,387	10,235	61,149
December.....	314	98	45	65	52	96	62,124	65,167	538	2,402	9,065	59,074
<b>1922.</b>												
January.....	115	156	68	24	78	78	22,865	103,697	805	889	13,539	48,320
February.....	76	155	86	5	124	61	15,010	103,350	1,026	179	21,472	37,621
March.....	67	133	164	( <sup>8</sup> )	107	41	13,189	88,709	1,947	13	18,623	25,474
April.....	57	103	245	26	76	28	11,196	68,479	2,911	950	13,160	17,485
May.....	73	76	218	126	87	28	14,552	50,818	2,587	4,648	15,168	17,074
June.....	82	58	162	218	91	34	16,207	38,602	1,929	8,056	15,757	20,818
July.....	84	52	131	266	108	41	16,709	34,837	1,561	9,811	18,738	25,601
August.....	79	46	87	275	116	52	15,571	30,659	1,028	10,161	20,167	32,227
September.....	87	42	69	260	102	66	17,229	27,671	815	9,608	17,671	40,796
October.....		39		213				25,883		7,868		
November.....												
December.....												

<sup>1</sup> Data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics, except fish catch representing landings from vessels at Boston and Gloucester, Mass., Portland, Me., and Seattle, Wash., compiled by U. S. Department of Commerce, Bureau of Fisheries.

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

<sup>3</sup> At end of the month.

<sup>4</sup> As of 15th of the month.

<sup>5</sup> Excluding Portland and Seattle.

<sup>6</sup> Holdings on first day of month.

<sup>7</sup> One case of eggs equals 30 dozen, or about 45 pounds net.

<sup>8</sup> Index number less than 1.

## RICE.

Table 75.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Data from Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	SHIPMENTS.		STOCKS, END OF MONTH.		IM-PORTS.	EX-PORTS.	RE-CEIPTS AT MILLS.	SHIPMENTS.		STOCKS, END OF MONTH.		IM-PORTS.	EX-PORTS.		
	RE-CEIPTS AT MILLS.	Total from mills.	New Orleans.	Domes-tic at mills and dealers.				Foreign in ware-house.	RE-CEIPTS AT MILLS.	Total from mills.	New Orleans.			Domes-tic at mills and dealers.	Foreign in ware-house.
A.—INDEX NUMBERS.							B.—NUMERICAL DATA.								
1913 monthly av.			67			141	7			169,718			191,510	23,004	
1914 monthly av.			80			142	13			203,340			193,597	41,904	
1915 monthly av.	77	78	77	93		156	18	468,036	479,349	196,238	757,281		212,140	56,327	
1916 monthly av.	105	107	101	126	92	132	35	640,627	652,912	258,484	1,021,642	237,759	179,760	109,114	
1917 monthly av.	97	105	108	108	111	163	55	591,159	642,918	275,513	872,667	285,396	222,059	172,990	
1918 monthly av.	104	114	109	84	168	328	45	633,910	699,754	278,758	682,788	432,807	446,741	139,944	
1919 monthly av.	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>609,477</b>	<b>611,661</b>	<b>254,825</b>	<b>811,658</b>	<b>257,359</b>	<b>136,090</b>	<b>314,063</b>	
1920 monthly av.	105	91	87	159	104	81	104	639,610	534,723	222,175	1,287,057	268,712	109,706	327,177	
1921 monthly av.	131	157	125	159	48	47	159	796,277	957,589	318,147	1,291,023	123,070	63,532	500,049	
<b>1920.</b>															
September.....	107	100	100	92	145	42	15	651,263	610,134	255,704	747,693	373,096	57,196	46,000	
October.....	220	157	149	119	108	13	39	1,343,683	963,263	379,388	965,953	278,219	17,848	122,656	
November.....	367	147	129	288	94	23	107	2,234,281	900,793	329,539	2,338,517	240,874	31,442	336,763	
December.....	173	97	90	360	74	25	167	1,055,358	593,424	228,537	2,922,698	189,305	33,379	525,564	
<b>1921.</b>															
January.....	106	183	138	299	57	43	127	647,457	1,121,878	351,341	2,430,782	145,893	58,242	399,020	
February.....	78	198	145	239	53	36	124	472,774	1,210,239	370,537	1,935,844	136,722	49,298	390,326	
March.....	135	170	147	197	49	34	145	825,360	1,037,009	374,494	1,600,937	126,950	46,417	455,792	
April.....	160	169	136	196	42	56	188	973,141	1,036,690	347,113	1,593,049	108,139	76,162	589,076	
May.....	188	232	151	184	46	56	167	1,144,416	1,420,264	384,232	1,493,210	117,425	76,182	524,253	
June.....	72	129	120	130	55	69	235	439,510	787,344	305,436	1,059,100	141,692	94,001	737,697	
July.....	63	137	130	79	35	14	201	385,328	839,608	331,005	640,711	90,049	19,182	632,650	
August.....	161	149	150	86	41	52	197	980,719	910,458	382,944	696,742	105,255	71,016	619,817	
September.....	126	123	107	85	28	19	174	767,628	752,036	271,444	686,344	71,272	25,201	545,767	
October.....	193	142	81	119	63	86	129	1,177,836	871,375	205,417	968,175	162,187	117,191	406,029	
November.....	140	122	85	139	55	45	109	855,773	744,597	215,978	1,128,925	140,779	60,589	340,996	
December.....	145	124	109	155	51	51	114	885,383	759,564	277,821	1,258,454	130,482	68,901	359,166	
<b>1922.</b>															
January.....	159	141	73	185	57	63	75	966,825	862,554	185,931	1,505,521	147,276	86,395	236,723	
February.....	163	167	131	204	61	39	128	992,952	1,020,375	333,436	1,653,294	155,881	53,447	400,867	
March.....	214	196	166	190	38	31	213	1,301,984	1,198,126	423,044	1,540,545	97,920	42,752	669,032	
April.....	51	82	63	165	46	36	135	309,256	499,480	161,537	1,335,899	117,115	48,996	422,883	
May.....	15	79	79	120	63	63	100	90,891	481,812	200,198	972,422	163,092	86,100	312,840	
June.....	7	46	56	94	51	25	149	44,793	283,198	142,528	761,982	131,332	34,653	468,321	
July.....	3	44	53	63	49	15	105	21,106	267,552	135,916	515,190	126,421	20,521	329,792	
August.....	74	85	89	50	42	15	83	448,897	519,652	226,831	402,278	107,001	20,664	261,182	
September.....	149	129	96	77		<sup>3</sup> 38	38	909,359	790,466	243,967	621,405		<sup>3</sup> 51,285	119,415	
October.....															
November.....															
December.....															

<sup>1</sup> Receipts, shipments and stocks at mills from *Rice Millers' Association*, comprising movement of the whole rice crop except California rice. Shipments of rice through New Orleans compiled by *New Orleans Board of Trade*. Stocks of foreign rice in warehouses and 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.

<sup>2</sup> Rough rice barrels of 162 pounds are equivalent to clean rice pockets of 100 pounds each.

<sup>3</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## COFFEE AND TEA.

Table 76.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	COFFEE.						TEA.	COFFEE.						TEA.
	Visible supply. <sup>5</sup>		Re- ceipts in Brazil. <sup>2</sup>	Clearances from Brazil.		Im- ports into U. S.	Im- ports into U. S.	Visible supply. <sup>5</sup>		Receipts in Brazil. <sup>2</sup>	Clearances from Brazil.		Imports into U. S.	Imports into U. S.
	World total.	United States.		Total. <sup>3</sup>	To United States. <sup>4</sup>			World total.	United States.		Total. <sup>3</sup>	To United States. <sup>4</sup>		
	Relative to 1913.						Relative to 5-year average.	Thousands of bags. <sup>5</sup>						Thousands of pounds.
	A.—INDEX NUMBERS.							B.—NUMERICAL DATA.						
1909-1913 mo. av.						<b>100</b>	<b>100</b>						<b>75,659</b>	<b>8,241</b>
1913 monthly av.	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	94	90	<b>11,797</b>	<b>1,894</b>	<b>955</b>	<b>990</b>	<b>393</b>	71,044	7,418
1914 monthly av.	99	84	121	122	125	111	99	11,679	1,593	1,151	1,207	491	84,256	8,151
1915 monthly av.	80	89	112	111	121	135	107	9,441	1,689	1,072	1,103	474	102,438	8,842
1916 monthly av.	78	104	131	127	138	129	107	9,200	1,970	1,249	1,261	544	97,241	8,814
1917 monthly av.	72	139	106	102	155	142	128	8,493	2,633	1,009	1,014	610	107,209	10,566
1918 monthly av.	61	103	132	82	136	121	134	7,187	1,960	1,261	813	536	91,788	11,044
1919 monthly av.	63	61	80	84	91	147	82	7,425	1,162	762	831	359	111,130	6,747
1920 monthly av.	66	89	58	90	162	143	92	7,770	1,691	558	891	637	108,118	7,567
1921 monthly av.	75	89	111	101	131	148	77	8,891	1,686	1,064	1,003	513	111,956	6,374
<b>1920.</b>														
September.....	66	102	143	130	155	128	102	7,773	1,936	1,365	1,286	609	96,661	8,441
October.....	70	107	150	101	74	128	96	8,297	2,026	1,429	1,002	290	97,127	7,929
November.....	71	107	150	103	118	100	73	8,379	2,025	1,436	1,017	465	75,654	6,015
December.....	74	90	146	94	172	96	51	8,716	1,696	1,397	930	677	72,752	4,198
<b>1921.</b>														
January.....	76	86	120	100	151	147	39	9,002	1,619	1,148	989	594	110,956	3,247
February.....	75	87	83	109	173	172	33	8,902	1,647	790	1,076	680	130,413	2,711
March.....	76	100	90	117	181	187	65	8,992	1,901	857	1,154	712	141,729	5,387
April.....	75	108	108	97	128	215	57	8,842	2,046	1,032	964	503	162,397	4,711
May.....	75	109	104	73	55	163	53	8,663	2,058	994	727	218	123,191	4,383
June.....	74	108	113	78	88	101	62	8,720	2,037	1,079	776	345	76,762	5,094
July.....	73	92	121	99	98	111	62	8,639	1,747	1,154	975	386	83,703	5,080
August.....	77	90	127	101	79	125	95	9,034	1,710	1,216	998	310	94,897	7,844
September.....	77	89	121	123	131	84	102	9,032	1,685	1,156	1,218	514	63,546	8,391
October.....	76	69	117	107	171	103	112	8,920	1,306	1,121	1,060	673	78,174	9,220
November.....	75	62	110	116	199	165	112	8,867	1,175	1,055	1,145	783	124,955	9,258
December.....	77	69	123	96	110	202	135	9,076	1,298	1,171	952	433	152,776	11,162
<b>1922.</b>														
January.....	79	85	111	127	127	158	85	9,263	1,616	1,064	1,259	499	119,353	6,966
February.....	78	73	106	98	83	141	61	9,234	1,387	1,009	968	327	106,847	5,030
March.....	80	77	96	117	118	127	80	9,404	1,453	913	1,159	464	96,132	6,617
April.....	78	63	86	108	170	133	68	9,185	1,195	821	1,072	667	100,455	5,593
May.....	76	55	80	71	86	161	68	8,944	1,039	765	703	337	122,093	5,634
June.....	75	61	46	76	86	126	65	8,872	1,146	438	754	337	95,060	5,367
July.....	73	57	69	74	83	120	87	8,577	1,086	657	732	325	90,591	7,208
August.....	73	59	114	105	108	91	117	8,600	1,124	1,089	1,041	425	69,166	9,657
September.....	74	48	99	109	141	78	796	8,775	904	948	1,083	554	75,318	7,993
October.....	72	50						8,513	940					
November.....														
December.....														

<sup>1</sup> 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.<sup>2</sup> Represents total receipts at Rio and Santos.<sup>3</sup> Represents total clearances from Rio, Santos, and Victoria.<sup>4</sup> Represents total clearances from Rio, Santos, Victoria, and Bahia.<sup>5</sup> A bag of coffee averages 132 pounds.<sup>6</sup> Given as of the 1st day of the month.<sup>7</sup> Covers first 21 days only, during which period the old tariff law was in effect.

## SUGAR.

Table 77.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

[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.	Melt- ings. <sup>2</sup>	Stocks, at refin- eries. <sup>2</sup>	Refined, includ- ing maple.	Wholesale.		Retail.	Receipts, Cuban ports.	Ex- ports.	Stocks, end of month.
						Raw, 96° centrif- ugal, N. Y.	Granu- lated, 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.....					<b>100</b>						
1913 monthly average.....	<b>100</b>	<b>100</b>			65	<b>100</b>	<b>100</b>	<b>100</b>			
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	<b>100</b>	<b>100</b>	1,859	215	209	205	<b>100</b>	<b>100</b>	<b>100</b>
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
<b>1920.</b>											
September.....	111	( <sup>3</sup> )	78	105	317	305	334	333	13	13	51
October.....	69	1	55	88	288	238	353	253	6	12	47
November.....	110	112	69	90	343	193	225	235	7	23	38
December.....	90	207	51	104	467	151	190	191	24	29	134
<b>1921.</b>											
January.....	65	26	40	110	866	153	177	176	141	155	133
February.....	151	8	80	120	593	151	166	162	221	208	143
March.....	213	10	133	181	387	173	184	176	215	202	152
April.....	219	8	107	258	441	155	170	176	193	114	191
May.....	166	4	104	276	2,039	140	148	153	144	75	215
June.....	95	6	92	264	2,067	120	133	142	53	41	122
July.....	70	27	95	167	2,272	127	128	129	29	46	213
August.....	145	25	127	140	2,012	134	137	136	40	87	190
September.....	80	13	81	144	1,206	123	131	133	19	30	184
October.....	92	50	85	75	585	119	122	125	11	37	171
November.....	118	231	82	86	573	117	121	122	31	76	150
December.....	100	245	78	65	1,077	106	117	118	47	72	142
<b>1922.</b>											
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	3,042	148	158	147	56	108	72
September.....	499	11	96	189	436	138	146	144	27	66	53
October.....											
November.....											
December.....											

See footnotes on opposite page.

## SUGAR.

Table 78.—NUMERICAL DATA.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTHS.	RAW SUGAR.				EX-PORTS.	WHOLESALE PRICE.		CUBAN MOVEMENT.		
	Imports.	Receipts, Louisiana crop at New Orleans.	Meltings. <sup>2</sup>	Stocks, at refineries <sup>3</sup>	Refined, including maple.	Raw, 96 <sup>+</sup> centrifugal, N. Y.	Granulated, in bbls., N. Y.	Receipts, Cuban ports.	Exports.	Stocks, end of month.
	Long tons.					Per pound.		Long tons.		
1909-1913 monthly average.....					<b>2,953</b>					
1913 monthly average.....	<b>175,664</b>	<b>16,184</b>			1,926	<b>\$0.035</b>	<b>\$0.043</b>			
1914 monthly average.....	201,437	10,109			14,524	.038	.047			
1915 monthly average.....	196,569	8,501			35,838	.047	.056			
1916 monthly average.....	205,716	14,050			58,812	.058	.069			
1917 monthly average.....	183,802	9,545			37,602	.063	.077			
1918 monthly average.....	192,219	7,286	257,174	81,311	15,152	.064	.078			
1919 monthly average.....	261,149	8,154	<b>325,233</b>	<b>95,428</b>	54,891	.075	.089	<b>330,192</b>	<b>325,273</b>	<b>644,484</b>
1920 monthly average.....	298,685	4,704	338,430	105,357	34,371	.130	.126	288,005	290,391	496,806
1921 monthly average.....	229,266	8,812	299,891	150,022	34,739	.048	.062	314,662	309,747	1,130,681
<b>1920.</b>										
September.....	195,187	28	253,146	99,937	9,374	.107	.143	44,448	43,501	328,087
October.....	121,100	194	178,454	84,290	8,505	.083	.108	20,078	40,541	302,381
November.....	193,273	18,104	225,356	85,527	10,113	.068	.096	23,934	75,259	243,896
December.....	158,121	33,546	166,746	98,996	13,780	.053	.081	78,396	93,981	863,779
<b>1921.</b>										
January.....	113,618	4,279	130,610	105,275	25,583	.054	.076	465,925	504,534	857,767
February.....	265,898	1,248	261,686	114,476	17,503	.053	.071	730,565	675,218	918,621
March.....	374,090	1,604	433,186	172,679	11,428	.061	.078	709,262	655,611	980,071
April.....	385,079	1,224	347,499	245,904	13,022	.054	.073	635,836	372,208	1,231,716
May.....	381,651	671	339,850	263,539	60,197	.049	.063	474,426	244,109	1,383,036
June.....	166,017	1,035	298,372	251,827	61,040	.047	.057	174,348	133,535	1,431,143
July.....	123,782	4,400	309,800	159,416	67,096	.044	.055	95,777	149,774	1,372,605
August.....	254,931	4,029	414,545	133,421	59,400	.047	.058	130,619	283,340	1,223,285
September.....	141,103	2,063	262,817	137,390	35,617	.043	.056	63,030	98,745	1,183,488
October.....	161,695	8,125	277,910	71,664	17,261	.042	.052	35,780	120,386	1,103,449
November.....	206,865	37,394	268,283	82,253	16,908	.041	.052	103,718	245,669	967,515
December.....	176,462	39,675	254,135	62,419	31,817	.037	.050	156,660	233,838	913,486
<b>1922.</b>										
January.....	314,939	8,039	291,601	85,602	63,765	.036	.048	199,102	121,775	115,786
February.....	448,321	2,895	415,723	163,817	60,390	.038	.049	507,361	198,821	414,512
March.....	571,836	909	535,357	273,811	108,468	.039	.052	861,174	512,251	799,619
April.....	473,137	1,206	531,962	316,973	122,516	.040	.052	720,509	512,430	997,291
May.....	446,678	1,187	577,330	271,890	146,454	.041	.053	555,852	565,350	1,043,420
June.....	460,480	2,066	532,052	277,150	164,183	.046	.059	342,736	540,354	844,622
July.....	451,011	2,609	530,334	309,413	88,887	.052	.066	294,169	526,849	650,164
August.....	425,960	3,939	540,024	262,959	89,824	.052	.067	183,441	349,979	460,987
September.....	<sup>4</sup> 174,232	1,842	312,909	180,577	12,870	.048	.063	90,378	213,728	341,329
October.....										
November.....										
December.....										

<sup>1</sup> 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*.

<sup>2</sup> Figures include reports from seven ports: Boston, New York, Philadelphia, Savannah, New Orleans, Galveston, and San Francisco. 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.

<sup>3</sup> Index number less than 1.

<sup>4</sup> Covers first 21 days only, during which period the old tariff law was in effect

## TOBACCO.

Table 79.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	UNMANUFACTURED.							MANUFACTURED PRODUCTS.					
	Production (crop estimate), <sup>5</sup>	Sales, loose leaf warehouses.	Exports, leaf.	Stocks: <sup>2</sup>			Wholesale price.	Consumption (tax-paid withdrawals).			Exports.		
				Chewing, smoking, snuff, and export types.	Cigar types.	Total, including imported types.	Burley, good leaf, dark red, Louisville.	Manufactured tobacco and snuff. <sup>3</sup>	Large cigars. <sup>4</sup>	Small cigars. <sup>4</sup>	Cigarettes.		
												Relative to 1909-1913.	Relative to 1919.
1909-1913 monthly average.....	<b>100</b>		<b>100</b>										
1913 monthly average.....	96		117	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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		126	105	85	99	115	105	93	163	184		
1917 monthly average.....	125		67	110	75	99	169	109	100	227	303		
1918 monthly average.....	144		107	120	77	87	277	112	93	300	524		
1919 monthly average.....	147	<b>100</b>	203	126	80	112	245	96	93	341	699		
1920 monthly average.....	159	80	124	124	88	114	259	90	105	287	683		
1921 monthly average.....	112	90	137	148	92	131	222	87	90	327	368		
<b>1920.</b>													
May.....		8	106				254	104	107	305	685		
June.....		5	89				246	101	112	315	889		
July.....	151	19	134	125	95	118	246	93	108	236	850		
August.....	155	80	130				246	94	107	275	629		
September.....	156	71	119				246	95	108	274	504		
October.....	148	135	125	105	90	103	246	81	112	296	549		
November.....	148	133	85				246	54	106	272	465		
December.....	159	107	144				246	48	80	217	713		
<b>1921.</b>													
January.....		162	149	131	80	117	246	73	73	301	892		
February.....		258	133				246	81	79	318	419		
March.....		173	145				246	96	89	345	443		
April.....		26	138	168	99	147	246	84	87	293	337		
May.....		9	128				218	85	88	319	220		
June.....		4	151				208	93	98	326	134		
July.....	94	15	169	152	97	135	208	87	89	321	65		
August.....	89	64	168				208	100	99	396	342		
September.....	95	59	105				208	94	97	370	407		
October.....	100	76	138	140	91	125	208	101	101	377	306		
November.....	102	139	93				208	83	98	326	432		
December.....	112	98	124				208	68	73	231	424		
<b>1922.</b>													
January.....		98	103	145	85	127	208	92	70	286	405		
February.....		91	82				208	88	71	241	413		
March.....		24	105				208	103	84	280	519		
April.....		6	130	161	109	145	208	85	79	266	481		
May.....		2	127				208	97	90	355	567		
June.....		1	95				208	103	98	409	610		
July.....	142	2	103	138	112	131	208	96	93	405	362		
August.....	143	62	92				208	112	102	492	545		
September.....	136	64	105				208	100	99	428	594		
October.....	136			123	103	118							
November.....													
December.....													

See footnotes on opposite page also.

<sup>1</sup> Stocks held by manufacturers and dealers reported by the U. S. Department of Commerce, Bureau of the Census; Production of manufactured tobacco and snuff, cigars, and cigarettes by the U. S. Treasury Department, Bureau of Internal Revenue; Crop production by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Exports by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce; Wholesale prices from U. S. Department of Labor, Bureau of Labor Statistics. Sales of tobacco from loose-leaf warehouses compiled by Federal Reserve Board 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. <sup>2</sup> Held by manufacturers and dealers on first day of each quarter. Yearly figures are quarterly averages.

## TOBACCO.

Table 80.—NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	UNMANUFACTURED.							MANUFACTURED PRODUCTS.				
	Production (crop estimate). <sup>5</sup>	Sales, loose leaf ware- houses.	Exports, leaf.	Stocks. <sup>2</sup>			Wholesale price.	Consumption (tax-paid withdrawals).			Exports.  Cigarettes.	
				Chewing, smoking, snuff, and export types.	Cigar types.	Total, including imported types.		Burley, good leaf, dark red, Louis- ville.	Manu- factured tobacco and snuff. <sup>3</sup>	Large cigars. <sup>4</sup>		Small cigarettes. <sup>4</sup>
	Thousands of pounds.						Dollars per 100 pounds.	Thou- sands of pounds.	Thousands.			
1909-1913 monthly average.....	<b>996,176</b>		<b>31,417</b>									
1913 monthly average.....	953,734		36,754	<b>810,469</b>	<b>369,802</b>	<b>1,234,013</b>	<b>13,202</b>	<b>36,990</b>	<b>630,959</b>	<b>1,296,308</b>	<b>193,234</b>	
1914 monthly average.....	1,034,679		28,827	835,462	344,971	1,244,524	14.654	36,745	597,849	1,404,636	200,602	
1915 monthly average.....	1,062,237		35,877	915,451	361,114	1,343,396	13.789	36,863	549,932	1,497,029	173,015	
1916 monthly average.....	1,153,278		39,784	853,156	313,142	1,225,555	15.231	38,847	586,844	2,107,525	354,889	
1917 monthly average.....	1,249,276		21,186	889,484	277,846	1,217,963	22.302	40,248	629,991	2,944,272	584,977	
1918 monthly average.....	1,439,071		33,656	970,465	283,495	1,073,054	36.567	41,423	587,796	3,888,075	1,012,128	
1919 monthly average.....	1,465,481	<b>682,149</b>	63,826	1,018,253	296,095	1,381,713	32.346	35,339	589,363	4,426,649	1,350,981	
1920 monthly average.....	1,582,225	65,280	38,946	1,001,387	323,643	1,408,311	34.182	33,324	661,418	3,718,526	1,319,489	
1921 monthly average.....	1,117,682	74,254	42,946	1,199,209	340,656	1,621,288	29.277	32,208	566,478	4,236,256	711,973	
<b>1920.</b>												
May.....		6,621	33,303				33.500	38,450	676,228	3,953,345	1,323,198	
June.....		4,333	28,041				32.500	37,197	708,112	4,088,835	1,718,026	
July.....	1,500,800	15,745	42,067	1,013,719	350,693	1,452,962	32.500	34,239	678,752	3,053,337	1,643,177	
August.....	1,544,489	66,081	40,958				32.500	34,842	672,020	3,569,397	1,214,817	
September.....	1,553,812	58,016	37,261				32.500	35,250	678,640	3,557,482	974,449	
October.....	1,478,788	110,671	39,394	849,199	331,849	1,271,525	32.500	30,075	704,799	3,840,335	1,061,759	
November.....	1,476,444	108,986	26,628				32.500	20,150	668,060	3,529,200	898,951	
December.....	1,582,225	87,452	45,391				32.500	17,683	506,126	2,816,818	1,378,170	
<b>1921.</b>												
January.....		133,397	46,852	1,061,696	297,472	1,446,914	32.500	27,153	462,798	3,901,560	1,723,331	
February.....		212,073	41,735				32.500	30,007	496,724	4,119,377	810,189	
March.....		142,286	45,445				32.500	35,478	561,344	4,470,292	856,801	
April.....		21,577	43,320	1,363,499	367,854	1,818,781	32.500	31,056	548,104	3,801,672	650,790	
May.....		7,753	40,220				28.750	31,351	555,479	4,136,085	425,908	
June.....		3,367	47,328				27.500	34,539	618,495	4,219,727	259,558	
July.....	932,157	12,248	53,156	1,235,156	359,095	1,672,017	27.500	32,018	564,598	4,161,218	125,710	
August.....	889,266	52,939	52,815				27.500	36,873	622,039	5,136,577	660,333	
September.....	948,324	48,421	33,009				27.500	34,803	614,428	4,791,398	787,162	
October.....	991,564	62,764	43,465	1,136,484	338,202	1,547,440	27.500	37,414	635,808	4,877,826	590,472	
November.....	1,020,874	113,873	29,236				27.500	30,772	615,251	4,229,402	834,670	
December.....	1,117,682	80,352	38,772				27.500	25,035	463,664	2,995,935	818,752	
<b>1922.</b>												
January.....		80,076	32,265	1,174,808	313,316	1,561,848	27.500	34,215	443,261	3,705,516	781,738	
February.....		74,772	25,635				27.500	32,456	447,226	3,125,819	797,423	
March.....		19,645	32,967				27.500	38,120	529,162	3,636,032	1,002,398	
April.....		4,582	40,704	1,303,255	401,633	1,784,551	27.500	31,376	501,394	3,453,061	928,955	
May.....		1,338	39,844				27.500	35,846	569,209	4,601,373	1,094,728	
June.....		1,196	29,991				27.500	38,233	615,253	5,301,643	1,179,420	
July.....	1,414,641	1,953	32,319	1,119,605	413,540	1,616,396	27.500	35,449	585,874	5,246,812	700,044	
August.....	1,425,000	50,655	28,958				27.500	41,476	641,164	6,373,890	1,052,855	
September.....	1,353,000	52,413	33,102	993,398	382,586	1,457,439	27.500	37,108	625,772	5,554,301	1,148,533	
October.....	1,355,000											
November.....												
December.....												

See footnotes on opposite page also.

<sup>3</sup> Represents the total of plug, twist, fine-cut, smoking tobacco, and snuff.<sup>4</sup> The Internal Revenue reports the number of large cigars, i. e., those weighing over three pounds per thousand, and the number of small cigars weighing less than the above amount. Likewise they report the number of large and small cigarettes, the former weighing more than three pounds per thousand. Large cigars and small cigarettes represent more than 90 per cent of the total number manufactured in each case and are the only ones given in this table.<sup>5</sup> Yearly figures on crop production represent the latest revised estimates as reported by the U. S. Department of Agriculture, Bureau of Agricultural Economics. The monthly figures for 1920 and 1921 are the current monthly estimates of total production.<sup>6</sup> Partly estimated. Kentucky sales for first half year not available and are estimated as equal to the sum of the sales in the other States, which is approximately the normal proportion of Kentucky sales to the total.

## TRANSPORTATION—WATER.

Table 81.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	CARGO TRAFFIC THROUGH CANALS.					MISSISSIPPI RIVER CARGO TRAFFIC.			VESSELS IN FOREIGN TRADE.						INDEX OF OCEAN FREIGHT RATES. <sup>4</sup>	
	Panama Canal. <sup>2</sup>			Sault Ste. Marie Canal. <sup>3</sup>	New York State Canals. <sup>5</sup>	Re-ceipts at St. Louis.	Ship-ments from St. Louis.	Gov-ernment-owned barges.	Entered.			Cleared.			United States, Atlantic ports to—	
	In Ameri-can vessels.	In British vessels.	Total cargo.	Total cargo.	Total cargo.				Ameri-can.	For-egn.	Total.	Ameri-can.	For-egn.	Total.	United King-dom.	All Eu-rope.
	Relative to 1915.			Relative to 1913.		Relative to 1913.		Rel. to 1919.	Relative to 1913.						Relative to January, 1920.	
1913 monthly average.....				<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	.....
1914 monthly average.....				69	80	50	103	.....	88	93	91	80	93	90	.....	.....
1915 monthly average....	<b>100</b>	<b>100</b>	<b>100</b>	89	71	42	112	.....	113	85	92	107	87	93	.....	.....
1916 monthly average....	39	71	63	115	62	45	120	.....	129	86	97	123	90	99	.....	.....
1917 monthly average....	67	154	144	113	50	39	141	.....	141	74	92	133	76	92	.....	.....
1918 monthly average....	96	119	154	107	45	29	145	.....	131	65	82	125	68	84	.....	.....
1919 monthly average....	126	85	141	86	48	59	231	<b>100</b>	155	63	86	167	68	95	.....	.....
1920 monthly average....	208	129	192	88	55	84	349	153	228	82	120	227	87	126	<sup>7</sup> 100	<sup>7</sup> 100
1921 monthly average....	237	169	236	54	56	71	609	423	221	79	117	201	84	116	.....	.....
<b>1920.</b>																
September.....	279	168	248	118	114	128	348	143	265	105	147	274	109	155	86.7	76.9
October.....	237	179	243	130	98	131	441	118	273	101	146	280	116	162	84.9	73.4
November.....	217	188	242	95	76	74	191	102	275	85	135	264	89	138	77.8	63.8
December.....	259	183	264	15	.....	45	162	136	257	83	129	223	91	128	92.3	53.6
<b>1921.</b>																
January.....	250	239	274	.....	.....	8	68	68	213	67	106	175	76	104	60.7	43.3
February.....	239	146	234	.....	.....	62	286	266	195	61	97	161	66	93	54.7	38.5
March.....	209	221	266	.....	.....	41	619	275	202	69	104	168	74	100	49.3	35.9
April.....	203	169	223	10	.....	87	603	423	212	73	107	203	74	112	50.1	39.0
May.....	228	126	195	62	49	89	395	394	210	88	120	162	90	112	50.6	40.1
June.....	187	106	171	81	83	115	472	441	226	91	124	237	96	137	42.7	37.6
July.....	173	131	174	82	97	80	840	513	221	97	128	201	104	131	42.5	36.8
August.....	209	110	206	75	91	131	934	668	245	101	139	206	100	129	42.9	36.7
September.....	211	114	185	65	124	40	978	567	228	85	122	247	90	134	41.8	36.0
October.....	210	200	242	67	91	60	767	458	232	79	119	216	83	120	37.0	32.3
November.....	195	129	210	33	121	94	683	385	247	72	118	220	68	110	33.5	28.8
December.....	188	190	234	10	17	49	658	676	217	71	109	195	80	112	32.4	27.2
<b>1922.</b>																
January.....	198	151	198	.....	.....	1	628	700	167	59	88	164	60	89	31.7	27.1
February.....	208	151	206	.....	.....	1	136	700	156	70	93	148	67	90	34.7	29.1
March.....	252	157	236	.....	.....	25	352	645	181	80	107	174	83	108	33.1	28.3
April.....	274	162	257	6	.....	72	346	651	184	75	154	191	77	109	27.3	25.4
May.....	334	174	284	33	42	144	839	790	244	80	123	210	79	115	27.9	25.7
June.....	264	146	240	81	61	144	427	795	222	90	125	210	94	126	27.5	25.7
July.....	264	200	297	103	.....	.....	.....	819	271	105	149	244	102	141	28.8	25.9
August.....	309	183	286	103	86	.....	.....	597	259	107	147	232	101	138	29.2	24.6
September.....	.....	.....	.....	110	76	.....	.....	.....	239	106	141	244	106	145	27.0	23.4
October.....	.....	.....	.....	.....	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page also.

<sup>1</sup> Panama Canal traffic reported by *The Panama Canal*; Tonnage entered and cleared in foreign trade, *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce*; Sault Ste. Marie Canal traffic, *U. S. War Department, Engineer Corps*; New York State canal traffic from *New York State Superintendent of Public Works*; Receipts and shipments of cargo by river at St. Louis (almost all by Mississippi River) from *Merchants Exchange of St. Louis*; Cargo tonnage on Government-owned barge line from *U. S. War Department, Mississippi-Warrior service*; Index of ocean freight rates from the *Federal Reserve Board, Division of Analysis and Research*.

<sup>2</sup> Represents tonnage of cargo carried by commercial vessels. Yearly figures refer to fiscal years ending June 30.

<sup>3</sup> Figures for 1913 to 1921 represent monthly averages for eight months during which the canals are usually open.

<sup>4</sup> The index of ocean freight rates represents rates to 7 ports in the United Kingdom and a total of 17 ports for all of 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.



## TRANSPORTATION—WATER.

Table 82.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	CARGO TRAFFIC THROUGH CANALS.					MISSISSIPPI RIVER CARGO TRAFFIC.			VESSELS IN FOREIGN TRADE.					
	Panama Canal. <sup>2</sup>			Sault Ste. Marie Canal. <sup>3</sup>	New York State Canals. <sup>5</sup>				Entered.			Cleared.		
	In American vessels.	In British vessels.	Total cargo.	Total cargo.	Total cargo.	Receipts at St. Louis.	Shipments from St. Louis.	Government-owned barges.	American.	Foreign.	Total.	American.	Foreign.	Total.
	Long tons.			Thousands of short tons.		Tons.			Thousands of net tons. <sup>6</sup>					
1913 mo. av.				9,965	872	17,594	3,965		1,174	3,264	4,440	1,250	3,233	4,483
1914 mo. av.				6,921	297	8,738	4,078		1,033	3,028	4,061	1,000	3,017	4,017
1915 mo. av.	182,325	183,376	407,871	8,911	265	7,414	4,437		1,233	2,768	4,101	1,340	2,826	4,166
1916 mo. av.	70,738	130,888	257,843	11,486	232	7,883	4,750		1,512	2,803	4,315	1,537	2,895	4,433
1917 mo. av.	122,977	282,813	588,214	11,227	185	6,923	5,609		1,658	2,416	4,074	1,666	2,467	4,133
1918 mo. av.	174,856	217,973	627,669	10,710	166	5,038	5,754		1,538	2,121	3,659	1,563	2,184	3,748
1919 mo. av.	229,907	156,412	576,385	8,529	177	10,449	9,174	8,781	1,828	2,064	3,892	2,083	2,189	4,271
1920 mo. av.	378,928	235,856	781,208	8,809	203	14,827	13,845	13,392	2,678	2,667	5,344	2,836	2,816	5,653
1921 mo. av.	431,613	310,161	961,601	5,362	208	12,548	24,133	36,939	2,592	2,590	5,182	2,507	2,704	5,211
<b>1920.</b>														
September	508,060	307,941	1,009,557	11,748	247	22,525	13,800	12,464	3,114	3,427	6,541	3,422	3,514	6,935
October	431,987	328,812	991,066	13,000	214	23,020	17,500	10,296	3,209	3,281	6,491	3,500	3,757	7,257
November	396,372	343,902	984,910	9,420	164	13,000	7,580	8,916	3,235	2,771	6,006	3,302	2,868	6,171
December	472,526	334,890	1,076,539	1,505		7,885	6,430	11,858	3,024	2,724	5,748	2,786	2,949	5,735
<b>1921.</b>														
January	456,430	421,485	1,117,053			1,460	2,625	5,921	2,506	2,199	4,705	2,191	2,455	4,646
February	435,024	268,430	952,904			10,970	11,340	23,203	2,293	1,999	4,292	2,017	2,149	4,167
March	381,256	404,396	1,084,563			7,140	24,550	24,012	2,373	2,246	4,619	2,098	2,396	4,494
April	369,693	310,252	907,613	957		15,300	23,390	36,917	2,490	2,368	4,859	2,536	2,474	5,010
May	415,794	230,217	792,735	6,155	105	15,745	15,665	34,412	2,463	2,861	5,324	2,114	2,910	5,024
June	341,235	194,407	694,720	8,079	179	20,175	18,725	38,476	2,654	2,962	5,616	3,059	3,094	6,153
July	316,221	239,850	708,982	8,139	211	14,155	33,310	44,829	2,593	3,164	5,757	2,513	3,362	5,875
August	380,367	202,004	839,273	7,498	197	23,050	37,050	58,345	2,885	3,287	6,172	2,582	3,223	5,805
September	384,101	209,475	754,894	6,482	269	6,985	38,785	44,263	2,676	2,759	5,435	3,092	2,903	5,995
October	383,083	367,495	985,775	6,652	198	10,535	30,420	39,984	2,718	2,577	5,295	2,702	2,696	5,398
November	356,019	236,625	855,440	3,265	262	16,480	27,155	33,843	2,895	2,350	5,245	2,748	2,200	4,949
December	343,185	349,270	953,053	1,031	37	8,575	26,085	59,062	2,553	2,306	4,859	2,434	2,586	5,021
<b>1922.</b>														
January	360,282	277,293	807,293			130	24,890	61,144	1,963	1,931	3,894	2,051	1,935	3,986
February	380,124	276,073	838,074			100	5,405	61,127	1,832	2,295	4,127	1,856	2,169	4,025
March	459,264	287,319	960,089			4,365	13,940	56,329	2,127	2,626	4,753	2,181	2,684	4,864
April	498,862	297,169	1,046,047	639		12,680	13,725	56,871	2,168	2,459	4,627	2,389	2,495	4,884
May	608,539	318,813	1,158,507	3,317	157	25,385	33,250	69,000	2,870	2,601	5,471	2,621	2,554	5,175
June	480,466	268,475	977,507	8,066	227	25,315	16,935	69,415	2,603	2,945	5,548	2,625	3,028	5,653
July	481,625	366,746	1,211,100	10,235				71,545	3,187	3,435	6,622	3,053	3,286	6,339
August	563,512	335,516	1,165,950	10,286	321			52,125	3,035	3,505	6,540	2,903	3,274	6,178
September				10,986	281				2,808	3,470	6,278	3,050	3,429	6,479
October					287									
November														
December														

See footnotes on opposite page also.

<sup>1</sup> About two-thirds of this traffic is through the Erie Canal and one-third through the Champlain Canal. Figures for 1913 to 1921 represent monthly averages for seven months, during which the canals are usually open.<sup>2</sup> Net ton represents 100 cubic feet internal carrying capacity after prescribed allowances for crew and engine space.<sup>3</sup> January, 1920.

## FREIGHT-CAR MOVEMENT.

Table 83.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	SURPLUS. <sup>2</sup>			SHORTAGE. <sup>2</sup>			BAD-ORDER CARS. <sup>5</sup>	AVERAGE LOADINGS PER WEEK.						
	Box cars.	Coal cars.	Total cars. <sup>3</sup>	Box cars.	Coal cars.	Total cars. <sup>3</sup>	Total.	Grain and grain products.	Live stock.	Coal.	Forest products.	Ore.	Merchandise L. C. L., and miscellaneous.	Total. <sup>4</sup>
	Relative to 1919.						Relative to 1913.	Relative to 1919.						
1916 monthly av....							88							
1917 monthly av....	8		12	347		467	89							
1918 monthly av....	36		36	153		217	94							
1919 monthly av....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	111	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 monthly av....	19	3	13	227	616	339	108	89	91	110	106	118	103	106
1921 monthly av....	156	204	179	6	11	8	205	113	88	87	84	46	96	94
<b>1920.</b>														
September.....	( <sup>6</sup> )	2	1	217	570	332	111	112	94	111	110	213	111	118
October.....	3	( <sup>6</sup> )	2	96	656	229	111	98	102	127	109	201	115	124
November.....	42	2	26	15	264	81	115	90	107	121	99	117	101	109
December.....	182	23	108	4	51	16	121	89	86	122	85	46	91	98
<b>1921.</b>														
January.....	218	120	171	2	3	3	127	103	96	99	79	24	79	85
February.....	211	229	218	2	2	3	141	94	86	84	94	24	84	85
March.....	208	337	262	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	161	95	79	75	90	18	93	87
April.....	217	303	255	( <sup>6</sup> )	3	1	179	86	82	74	84	15	95	87
May.....	189	218	208	1	1	1	205	98	81	89	87	63	96	95
June.....	178	215	197	1	5	3	226	104	83	88	88	78	97	95
July.....	113	214	170	20	2	16	235	145	73	82	73	81	95	94
August.....	84	173	130	3	2	3	249	154	84	88	79	85	103	101
September.....	51	130	91	13	3	15	248	142	91	92	82	76	108	105
October.....	28	43	42	28	103	46	241	130	112	111	92	57	118	116
November.....	139	176	149	1	None.	1	229	97	96	87	86	21	99	94
December.....	233	293	248	( <sup>6</sup> )	1	( <sup>6</sup> )	212	108	88	74	79	15	90	85
<b>1922.</b>														
January.....	161	193	175	3	1	3	208	129	99	95	86	12	89	92
February.....	116	129	129	2	2	2	219	131	88	108	88	11	92	96
March.....	108	96	109	1	2	2	222	106	55	74	93	14	105	102
April.....	115	311	196	2	9	3	212	84	82	41	99	26	110	91
May.....	85	259	161	6	10	7	217	108	90	47	107	49	114	98
June.....	73	195	179	7	75	20	226	102	89	53	110	144	119	106
July.....	26	174	92	87	158	103	215	129	81	43	97	170	116	103
August.....	5	72	37	189	329	243	229	144	78	56	102	177	118	112
September.....	( <sup>6</sup> )	5	3	350	927	539	213	132	106	97	100	140	119	117
October.....							193							
November.....														
December.....														

See footnotes on opposite page.

## FREIGHT-CAR MOVEMENT.

Table 84.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	SURPLUS. <sup>2</sup>			SHORTAGE. <sup>3</sup>			BAD-ORDER CARS. <sup>4</sup>	AVERAGE LOADINGS PER WEEK.						
	Box cars.	Coal cars.	Total cars. <sup>5</sup>	Box cars.	Coal cars.	Total cars. <sup>5</sup>		Total.	Grain and grain products.	Live stock.	Coal.	Forest products.	Ore.	Merchandise L. C. L., and miscellaneous.
Number of cars.														
1916 monthly av. . . . .							132,374							
1917 monthly av. . . . .	6,437		23,592	65,901		112,934	134,711							
1918 monthly av. . . . .	29,251		68,680	28,964		52,360	141,961							
1919 monthly av. . . . .	<b>82,135</b>	<b>75,605</b>	<b>189,396</b>	<b>18,991</b>	<b>4,200</b>	<b>24,174</b>	167,700	<b>38,973</b>	<b>32,955</b>	<b>176,695</b>	<b>56,828</b>	<b>37,434</b>	<b>472,495</b>	<b>801,616</b>
1920 monthly av. . . . .	15,985	1,981	24,194	43,148	25,868	82,056	163,676	34,829	30,105	193,787	60,476	44,142	485,104	850,923
1921 monthly av. . . . .	127,982	154,499	339,026	1,146	444	1,896	308,717	44,066	28,858	153,672	47,928	17,367	455,916	754,717
<b>1920.</b>														
September . . . . .	54	1,521	1,916	41,198	23,930	80,141	166,148	43,707	30,879	195,651	62,679	79,586	522,640	949,597
October . . . . .	2,107	107	3,856	18,295	27,549	55,412	167,965	38,064	33,697	223,792	61,682	75,219	545,670	995,095
November . . . . .	34,756	1,786	49,695	2,795	11,091	19,673	174,276	34,978	35,169	213,237	56,489	43,953	478,272	877,176
December . . . . .	149,487	17,067	204,408	731	2,159	3,808	182,097	34,645	28,247	215,271	48,276	17,123	428,922	785,798
<b>1921.</b>														
January . . . . .	179,219	90,685	324,186	306	108	810	191,234	40,235	31,638	174,968	44,739	8,866	372,517	683,651
February . . . . .	173,520	172,850	413,450	468	71	650	213,180	36,758	28,377	149,092	53,406	8,873	397,519	683,088
March . . . . .	171,119	255,055	495,904	26	8	123	243,586	37,208	26,166	131,951	51,070	6,677	438,447	698,627
April . . . . .	178,037	229,443	492,352	87	108	276	270,319	33,455	26,993	131,314	47,578	5,730	448,422	698,156
May . . . . .	155,040	165,102	394,040	263	50	339	309,971	38,214	26,652	157,122	49,463	23,684	455,605	758,438
June . . . . .	146,298	162,537	373,791	187	310	663	341,337	40,582	27,486	155,001	49,880	29,069	456,036	762,827
July . . . . .	93,013	161,723	321,781	3,710	83	3,905	354,611	56,585	23,979	145,420	41,558	30,389	448,886	750,717
August . . . . .	69,238	130,596	246,740	641	67	739	376,417	59,973	27,643	155,376	45,010	31,769	487,854	812,265
September . . . . .	42,093	98,048	172,420	2,478	142	3,621	374,087	55,272	29,907	162,882	46,443	28,554	512,322	840,318
October . . . . .	22,628	33,643	80,203	5,301	4,339	11,219	364,372	50,478	36,834	196,206	52,392	21,490	559,386	929,022
November . . . . .	113,874	132,692	282,926	264	None	302	345,201	37,998	31,524	154,434	48,846	7,830	469,524	756,624
December . . . . .	191,707	221,614	470,516	24	37	110	320,292	42,032	29,100	130,297	44,752	5,470	424,479	682,869
<b>1922.</b>														
January . . . . .	132,174	145,913	330,681	546	36	642	313,190	50,460	32,568	168,720	48,960	4,410	421,722	734,442
February . . . . .	95,361	97,634	245,100	373	100	599	331,050	51,199	29,113	190,126	50,124	4,151	486,143	768,741
March . . . . .	88,491	72,566	206,746	255	77	423	334,628	41,184	18,092	131,116	52,734	5,250	495,258	827,400
April . . . . .	94,653	235,077	371,538	369	374	842	320,083	32,874	27,114	72,528	56,052	9,654	521,106	727,488
May . . . . .	69,714	195,439	305,198	1,094	423	1,714	327,704	42,186	29,550	82,494	60,714	18,384	540,546	782,670
June . . . . .	60,101	147,558	339,225	1,397	3,148	4,803	340,822	39,614	29,201	93,736	62,621	54,054	563,043	851,700
July . . . . .	21,367	131,267	174,927	16,550	6,633	24,973	324,583	50,227	26,723	75,639	55,181	63,528	547,143	828,029
August . . . . .	3,850	54,566	70,455	35,819	13,835	58,670	345,013	56,177	25,665	98,499	57,838	66,264	556,560	895,591
September . . . . .	201	3,486	5,843	66,529	38,954	130,325	321,674	51,308	35,026	170,512	56,871	52,448	559,981	934,816
October . . . . .							291,654							
November . . . . .														
December . . . . .														

<sup>1</sup> Data from the American Railway Association.<sup>2</sup> At end of 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.<sup>3</sup> Includes other classes than groups listed.<sup>4</sup> Total includes coke shipments in addition to commodity groups listed.<sup>5</sup> Index number less than 1.<sup>6</sup> Number of railroad freight cars in need of repairs on first day of each month. Note that 1913 is the base year, having a monthly average of 150,909 cars in need of repairs.

## RAILWAY OPERATIONS.

Table 85.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	REVENUES.			TOTAL OPERATING EXPENSES.	NET RAILWAY OPERATING INCOME. <sup>2</sup>	TON-MILE OPERATION.		PASSENGER-MILE OPERATION.	THE PULLMAN COMPANY.	EXPRESS EARNINGS.	
	Freight.	Passenger.	Total operating.			Tons carried 1 mile.	Receipts per ton-mile.	Passengers carried 1 mile.	Passengers carried.	Total operating revenues.	Operating income.
	Relative to 1913.									Relative to 1919.	
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<sup>3</sup> 100	<sup>3</sup> 100		
1914 monthly average.....	94	94	95	96	89	96	100	<sup>3</sup> 102	<sup>3</sup> 105		
1915 monthly average.....	101	98	101	95	117	<sup>4</sup> 92	100	<sup>3</sup> 129	<sup>3</sup> 98		
1916 monthly average.....	121	102	118	109	146	<sup>4</sup> 144	99	102	112		
1917 monthly average.....	133	120	132	131	136	128	100	117	130		
1918 monthly average.....	163	150	161	154	96	133	118	126	116		
1919 monthly average.....	168	171	169	203	72	121	135	137	150	<b>100</b>	<b>100</b>
1920 monthly average.....	204	186	203	267	8	137	146	138	158	129	173
1921 monthly average.....	185	167	182	211	86	105	177	110	126	124	12
<b>1920.</b>											
May.....	178	172	179	241	( <sup>5</sup> )	139	133	133	163	118	117
June.....	192	187	194	264	( <sup>5</sup> )	140	135	147	175	123	398
July.....	201	214	207	283	( <sup>5</sup> )	148	134	170	188	116	350
August.....	209	231	218	375	( <sup>5</sup> )	156	130	177	199	123	380
September.....	248	226	243	280	133	150	161	152	165	168	13
October.....	272	198	252	290	145	156	171	133	144	167	13
November.....	247	185	232	283	85	137	175	125	130	163	12
December.....	219	200	216	281	6	127	169	129	133	161	10
<b>1921.</b>											
January.....	184	183	184	243	3	109	169	119	128	140	8
February.....	161	154	159	212	( <sup>5</sup> )	91	177	101	111	135	9
March.....	181	169	180	220	51	98	184	108	129	143	11
April.....	172	158	170	207	49	94	183	100	118	138	13
May.....	177	162	174	209	62	103	172	105	123	134	1
June.....	182	173	181	210	85	103	175	114	134	133	9
July.....	178	189	181	200	116	104	174	129	140	133	5
August.....	200	190	198	210	151	111	179	128	143	91	7
September.....	200	175	195	208	146	113	179	117	139	120	9
October.....	226	154	210	219	176	134	175	103	120	119	10
November.....	193	144	182	203	111	107	179	94	108	117	4
December.....	163	154	167	192	86	94	172	101	113	85	62
<b>1922.</b>											
January.....	156	145	155	186	49	99	162	96	118	104	5
February.....	166	128	157	179	80	104	160	85	102	104	5
March.....	200	140	186	199	139	120	167	92	114	107	5
April.....	163	145	163	185	84	90	180	96	119	103	4
May.....	181	149	176	196	103	102	177	100	124	108	4
June.....	188	167	186	200	128	106	174	116	144	105	5
July.....	169	175	174	187	116	99	168		140	103	20
August.....	185	176	186	213	88	111			148		
September.....									144		
October.....											
November.....											
December.....											

See footnotes on opposite page.

## RAILWAY OPERATIONS.

Table 86.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	REVENUES.			TOTAL OPERATING EXPENSES.	NET RAILWAY OPERATING IN-COMES <sup>(2)</sup>	NET TON-MILE OPERATION.		PASSENGER-MILE OPERATION.	THE PULLMAN CO.	EXPRESS EARNINGS.					
	Freight.	Pas-senger.	Total oper-ating.			Tons carried 1 mile.	Re-ceipts per ton-mile.			Passen-gers carried 1 mile.	Passen-gers carried.	Total operat-ing rev-enues.	Oper-ating in-come.		
														Thousands of dollars.	
1913 monthly average.....	\$176,916	\$57,548	\$255,139	\$181,732	\$59,900	27,338,294	0.719	2,822,922	2,072,018						
1914 monthly average.....	165,943	54,230	241,608	173,916	53,451	26,163,146	.723	2,880,582	2,182,396						
1915 monthly average.....	178,864	53,798	256,630	171,926	70,002	25,232,268	.722	3,649,161	2,021,039						
1916 monthly average.....	214,784	58,980	302,104	198,031	87,265	31,126,359	.707	2,882,163	2,326,425						
1917 monthly average.....	236,177	68,935	337,539	233,184	81,232	34,942,744	.715	3,289,738	2,691,212						
1918 monthly average.....	288,183	86,056	410,549	334,767	57,759	36,409,975	.849	3,556,382	2,397,260						
1919 monthly average.....	296,410	98,334	432,005	368,287	43,024	33,033,629	.973	3,863,192	3,112,128	\$12,613	\$2,092				
1920 monthly average.....	360,304	107,285	518,785	485,861	4,846	37,411,868	1.052	3,904,056	3,271,282	16,306	3,615				
1921 monthly average.....	326,931	96,156	463,981	383,351	51,248	28,705,869	1.274	3,110,759	2,600,416	15,640	260				
<b>1920.</b>															
May.....	314,148	98,901	457,559	437,830	5,430	37,902,007	.954	3,760,702	3,385,470	14,875	2,453				
June.....	340,336	107,383	494,714	480,500	15,240	38,157,869	.970	4,149,434	3,618,050	15,509	8,321				
July.....	356,091	123,218	529,150	514,254	12,053	40,450,094	.960	4,785,323	3,892,896	14,669	7,326				
August.....	369,580	132,904	555,522	682,315	158,583	42,706,838	.936	4,988,019	4,126,186	15,463	7,948				
September.....	438,882	129,857	618,926	509,720	79,676	40,999,843	1.154	4,294,113	3,422,673	21,217	281				
October.....	480,375	113,902	641,827	526,544	86,641	42,562,687	1.226	3,761,875	2,974,833	21,002	269				
November.....	436,891	106,652	592,054	513,614	50,964	37,458,630	1.255	3,518,107	2,692,723	20,570	246				
December.....	336,564	114,830	550,580	510,769	3,302	34,722,365	1.217	3,640,548	2,759,442	20,345	211				
<b>1921.</b>															
January.....	324,935	105,203	470,389	442,196	1,526	29,824,391	1.215	3,358,000	2,657,771	17,704	177				
February.....	284,217	88,463	406,496	384,646	5,165	24,913,294	1.274	2,857,000	2,307,168	16,992	195				
March.....	320,774	97,313	459,048	400,111	30,807	26,825,588	1.320	3,056,000	2,633,165	18,023	221				
April.....	304,774	90,649	433,398	375,697	29,857	25,578,883	1.316	2,832,811	2,443,961	17,403	277				
May.....	313,133	93,517	444,860	379,865	36,943	28,218,768	1.236	2,969,406	2,553,188	16,929	18				
June.....	322,236	99,753	461,585	380,856	51,067	28,140,661	1.261	3,214,896	2,774,177	16,779	184				
July.....	314,821	108,886	462,940	362,756	69,324	28,412,404	1.254	3,637,499	2,903,775	16,767	107				
August.....	353,815	109,192	505,732	382,106	90,160	30,381,958	1.288	3,622,956	2,970,079	11,431	154				
September.....	354,053	100,680	497,655	377,108	87,174	30,821,944	1.288	3,291,820	2,890,136	15,127	186				
October.....	400,710	88,844	535,296	397,203	105,453	36,506,565	1.261	2,910,493	2,476,852	14,951	202				
November.....	342,025	82,656	465,497	368,013	66,198	29,139,115	1.284	2,656,590	2,245,621	14,801	88				
December.....	288,762	88,670	425,022	348,880	51,588	25,706,855	1.237	2,844,071	2,349,099	10,770	1,305				
<b>1922.</b>															
January.....	276,473	83,720	394,941	337,269	29,476	27,099,000	1.164	2,698,888	2,444,584	13,131	95				
February.....	294,473	73,585	401,427	324,501	47,771	28,348,000	1.152	2,396,439	2,111,766	13,132	113				
March.....	353,908	80,531	474,670	360,928	83,511	32,904,832	1.198	2,592,731	2,356,701	13,440	103				
April.....	288,849	83,461	416,869	336,178	50,272	24,727,919	1.291	2,701,720	2,461,456	12,980	82				
May.....	319,362	85,533	448,948	355,589	61,981	27,855,386	1.271	2,821,701	2,561,599	13,583	80				
June.....	331,872	96,012	473,785	363,984	76,594	29,048,643	1.249	3,269,479	2,936,541	13,272	103				
July.....	299,169	100,668	443,183	340,726	69,239	27,073,021	1.209	2,890,939	2,890,939	12,991	408				
August.....	326,486	101,502	473,877	387,100	52,580	30,452,607			3,063,092						
September.....									2,990,265						
October.....															
November.....															
December.....															

<sup>1</sup> 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 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.

<sup>2</sup> 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.

<sup>3</sup> Fiscal year ending June 30, of year indicated.

<sup>4</sup> These figures are from *Interstate Commerce Commission* reports.

<sup>5</sup> Deficit.

## DISTRIBUTION MOVEMENT.

Table 87.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	RETAIL SALES.		POSTAL RECEIPTS.	ADVERTISING.		RETAIL SALES.		POSTAL RECEIPTS.	ADVERTISING.	
	Mall-order houses. <sup>2</sup>	Chain stores. <sup>3</sup>		Magazine. <sup>4</sup>	Newspaper. <sup>5</sup>	Mall-order houses. <sup>2</sup>	Chain stores. <sup>3</sup>		Magazine. <sup>4</sup>	Newspaper. <sup>5</sup>
	Relative to 1913.		Relative to 1919.	Relative to 1913.	Relative to 1919.	Thousands of dollars.		Thousands of agate lines.		
	A.—INDEX NUMBERS.					B.—NUMERICAL DATA.				
1913 monthly average.....	<b>100</b>	<b>100</b>	.....	<b>100</b>	.....	<b>\$11,275</b>	<b>\$7,972</b>	.....	<b>1,224</b>	.....
1914 monthly average.....	105	107	.....	95	.....	11,847	8,544	.....	1,161	.....
1915 monthly average.....	120	120	.....	94	.....	13,498	9,582	.....	1,147	.....
1916 monthly average.....	154	141	74	116	73	17,407	11,278	\$13,543	1,415	61,440
1917 monthly average.....	186	161	80	122	75	20,982	12,806	14,611	1,490	62,671
1918 monthly average.....	203	182	93	110	73	22,891	14,520	17,066	1,344	61,067
1919 monthly average.....	264	208	<b>100</b>	154	<b>100</b>	29,772	16,575	<b>18,380</b>	1,890	<b>83,859</b>
1920 monthly average.....	264	246	113	188	114	30,233	19,623	20,688	2,305	95,832
1921 monthly average.....	188	258	113	120	103	21,206	20,561	20,746	1,476	86,619
<b>1920.</b>										
September.....	217	231	109	187	111	24,490	18,444	20,034	2,285	93,285
October.....	255	272	120	202	129	28,801	21,645	22,082	2,473	108,585
November.....	268	260	115	193	119	30,161	20,763	21,160	2,368	99,699
December.....	259	452	136	173	116	29,227	36,037	25,020	2,114	97,285
<b>1921.</b>										
January.....	189	179	109	120	101	21,320	14,227	20,013	1,462	85,107
February.....	173	193	104	129	89	19,465	15,405	19,115	1,580	74,974
March.....	244	253	124	135	109	27,502	20,133	22,723	1,655	91,503
April.....	203	233	112	137	107	22,839	18,589	20,593	1,680	89,966
May.....	160	233	106	140	115	18,060	18,572	19,504	1,713	96,516
June.....	159	229	107	129	104	17,900	18,272	19,752	1,574	86,970
July.....	133	225	95	103	87	15,005	17,956	17,509	1,257	73,203
August.....	159	242	105	90	85	17,960	19,273	19,289	1,105	71,177
September.....	188	239	111	108	100	21,163	18,856	20,399	1,325	84,153
October.....	222	296	118	120	116	24,982	23,578	21,670	1,467	97,533
November.....	211	274	118	124	112	23,767	21,813	21,750	1,522	93,812
December.....	217	502	145	116	112	24,506	40,052	26,678	1,421	94,257
<b>1922.</b>										
January.....	175	197	114	91	102	19,782	15,720	20,903	1,112	85,745
February.....	161	210	111	113	90	18,198	16,749	20,339	1,383	75,319
March.....	211	247	132	124	111	23,832	19,677	24,237	1,515	93,285
April.....	196	281	120	140	116	22,071	22,429	22,098	1,717	97,160
May.....	194	270	121	150	116	21,855	21,540	22,317	1,830	97,086
June.....	174	265	121	134	108	19,565	21,104	22,169	1,644	90,796
July.....	154	263	106	110	93	17,355	21,001	19,543	1,351	77,966
August.....	157	272	116	102	92	17,709	21,676	21,372	1,243	77,393
September.....	190	284	124	121	105	21,464	22,621	22,764	1,485	87,904
October.....	268	.....	135	156	.....	30,222	.....	24,777	1,907	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Except postal receipts in 50 selected cities reported by the U. S. Post Office Department. Mail-order and chain-store sales are reported directly by the companies or compiled from the *Commercial and Financial Chronicle*; magazine advertising as reported by *Printers' Ink*; newspaper advertising compiled by *New York Evening Post*.

<sup>2</sup> Includes Sears, Roebuck & Co. and Montgomery Ward & Co. (details for each store shown on page 125).

<sup>3</sup> Includes F. W. Woolworth & Co., S. S. Kresge Co., McCrory, and S. H. Kress & Co. (details for each store shown on page 125).

<sup>4</sup> These figures represent the number of lines of advertising carried by the leading magazines dated for the month noted.

<sup>5</sup> Compiled from 22 identical cities: New York, Chicago, Philadelphia, Detroit, Cleveland, St. Louis, Boston, 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.

## WHOLESALE TRADE.

Table 88.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	SALES BY FEDERAL RESERVE DISTRICTS.															
	Philadelphia (No. 3).		Richmond (No. 5).			Atlanta (No. 6).			Kansas City (No. 10).		Dallas (No. 11).			San Francisco (No. 12).		
	Gro- ceries.	Hard- ware.	Gro- ceries.	Dry Goods.	Hard- ware.	Gro- ceries.	Dry Goods.	Hard- ware.	Gro- ceries.	Hard- ware.	Gro- ceries.	Dry Goods.	Hard- ware.	Gro- ceries.	Dry Goods.	Hard- ware.
	Relative to 1920-1921.															
1920-21 monthly average <sup>2</sup> ...	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
1921 monthly average.....	89.2	88.3	89.4	82.7	83.8	94.5	102.4	90.0	98.7	99.3	84.1	72.7	86.4	92.6	59.8	88.2
<b>1920.</b>																
March.....											163.1	331.2	117.3			
April.....											166.4	304.7	105.5			
May.....						129.9	104.7	121.3			131.5	240.7	101.3	146.6	179.4	145.3
June.....						123.1	99.8	112.7			136.7	182.9	95.2	114.2	154.3	133.7
July.....						123.2	178.7	119.6	143.9	121.5	140.8	232.3	112.4	120.4	205.8	123.4
August.....	113.1	121.6	117.1	233.4	143.0	123.4	190.1	135.5	122.4	133.6	138.0	262.5	119.1	121.7	223.6	124.3
September.....	129.1	121.1	132.6	165.3	145.0	125.7	146.6	137.4	131.0	128.8	136.5	204.2	115.9	120.6	206.4	133.3
October.....	114.8	118.4	120.4	98.3	132.0	124.1	89.7	123.4	116.6	110.8	125.5	134.8	114.8	117.8	170.2	128.1
November.....	115.7	106.5	109.4	85.9	112.3	109.6	81.2	108.3	95.8	87.7	113.0	117.3	111.3	100.5	128.5	104.9
December.....	100.5	104.6	99.5	57.6	83.8	105.9	52.5	92.1	81.4	69.5	89.3	39.9	111.3	82.6	68.5	93.2
<b>1921.</b>																
January.....	88.6	89.6	89.2	80.8	76.2	93.7	71.0	99.8	81.2	60.0	85.7	48.1	122.0	84.0	48.8	80.8
February.....	84.8	74.0	87.2	92.5	71.0	94.2	94.7	91.0	81.5	76.2	94.1	69.3	123.2	88.2	53.3	72.7
March.....	100.6	96.4	94.7	106.1	95.9	101.0	128.5	96.5	97.3	126.2	93.4	80.4	87.1	106.6	68.5	97.3
April.....	85.6	107.4	88.6	77.2	94.3	84.6	95.7	86.3	90.8	103.3	81.9	59.7	78.9	91.9	69.4	95.7
May.....	87.1	91.6	85.6	66.3	86.4	88.0	83.6	80.0	90.1	95.1	82.3	61.0	77.3	94.2	57.3	89.7
June.....	91.2	92.7	88.1	67.2	85.6	77.2	79.2	80.0	97.3	109.4	79.7	58.9	72.7	90.5	56.9	96.6
July.....	88.8	76.2	87.6	69.3	74.2	72.6	87.2	69.8	114.4	99.3	80.7	63.7	66.5	101.4	48.5	83.5
August.....	91.4	85.0	88.2	104.3	83.7	80.0	126.9	82.3	106.2	104.5	82.1	98.2	78.7	91.4	62.6	89.3
September.....	85.8	89.7	94.8	112.8	92.3	84.7	169.9	95.6	114.8	117.3	90.0	111.2	73.2	94.3	78.1	94.7
October.....	94.7	92.5	96.9	104.2	97.1	85.2	145.8	110.4	116.2	119.1	93.1	112.4	89.2	100.9	71.3	94.0
November.....	91.2	82.2	90.8	69.2	82.8	76.8	91.0	98.8	105.7	98.6	75.4	69.6	88.1	90.6	59.5	85.7
December.....	79.9	82.6	81.3	42.8	65.8	75.4	55.3	90.0	88.6	82.1	70.6	39.8	80.0	76.9	43.9	78.1
<b>1922.</b>																
January.....	74.3	62.1	76.7	66.2	70.5	67.7	69.8	86.0	84.0	57.9	68.9	54.6	62.4	88.8	50.7	76.1
February.....	73.3	62.2	76.5	64.8	58.1	67.6	79.1	75.4	86.2	67.8	73.3	65.4	60.4	76.2	48.4	72.0
March.....	82.4	90.9	87.1	79.9	77.8	80.0	102.3	87.9	102.7	102.6	82.3	65.1	68.0	92.2	59.8	89.8
April.....	70.7	97.6	78.4	67.0	83.1	68.9	88.8	80.3	92.2	98.9	74.6	59.9	69.2	81.5	54.0	92.4
May.....	83.0	101.6	88.3	62.4	86.3	80.5	85.0	83.0	100.1	110.1	78.9	60.6	71.6	92.5	57.7	105.6
June.....	90.6	94.0	88.9	68.3	82.8	79.5	81.1	79.6	109.5	116.7	81.4	59.0	70.3	102.6	58.6	113.8
July.....	81.4	81.1	86.8	74.5	79.1	75.5	101.6	76.0	95.4	102.6	76.3	75.5	70.1	100.5	60.3	99.5
August.....	88.0	89.8	92.7	108.0	86.7	87.5	138.2	99.8	102.6	106.5	83.2	111.7	81.8	95.2	81.2	105.2
September.....	89.2	94.6	95.4	110.3	95.2	86.8	135.2	105.1	111.3	110.5	102.0	105.9	99.3	103.3	86.7	106.2
October.....																
November.....																
December.....																

<sup>1</sup> Index numbers calculated from data collected by Federal Reserve Banks of the respective districts showing percentage changes from month to month. The percentage changes reported by Federal Reserve Banks have been converted into index numbers showing the same corresponding percentage increase or decrease.

<sup>2</sup> Twelve months' average, August, 1920, to July, 1921, inclusive.

## RETAIL TRADE.

Table 89.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	MAIL-ORDER HOUSES.		TEN-CENT STORES.				MISCELLANEOUS.			
	Sears, Roebuck & Co.	Montgomery Ward & Co.	F. W. Woolworth Co.	S. S. Kresge Co.	McCrary Stores Corp.	S. H. Kress & Co.	J. C. Penney Co.	United Cigar Stores Co.	Owl Drug Co.	American Wholesale Corp.
Relative to 1913.										
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly average.....	106	103	105	121	91	110	135	101	111	95
1915 monthly average.....	118	124	115	158	104	115	183	105	112	101
1916 monthly average.....	154	156	131	199	126	140	319	121	117	132
1917 monthly average.....	187	199	148	227	146	164	564	145	136	152
1918 monthly average.....	208	201	162	274	178	196	811	176	174	156
1919 monthly average.....	270	267	180	322	213	234	1,092	210	205	216
1920 monthly average.....	266	278	213	387	266	269	1,623	269	253	233
1921 monthly average.....	186	189	223	421	265	268	1,767	257	270	213
<b>1920.</b>										
May.....	222	251	205	365	244	246	1,690	277	226	154
June.....	198	283	196	365	241	268	1,656	265	232	171
July.....	210	222	204	363	267	232	1,492	280	245	341
August.....	204	234	201	366	256	248	1,550	263	251	323
September.....	204	248	199	364	255	258	2,127	276	268	245
October.....	253	262	240	410	271	295	2,519	308	296	185
November.....	321	329	225	421	272	274	2,264	270	258	183
December.....	241	304	390	708	508	491	2,333	358	381	130
<b>1921.</b>										
January.....	196	173	151	291	201	197	1,255	242	264	237
February.....	176	165	166	314	210	206	1,243	232	249	198
March.....	252	223	214	420	263	276	1,698	260	266	219
April.....	206	195	199	398	245	241	1,696	263	258	165
May.....	154	161	203	383	222	244	1,732	256	249	151
June.....	139	206	195	384	222	251	1,745	251	263	160
July.....	134	131	195	370	233	231	1,497	254	273	238
August.....	157	166	211	390	249	244	1,526	250	271	286
September.....	186	192	205	389	238	239	1,940	253	260	313
October.....	218	230	261	470	278	304	2,422	271	290	253
November.....	203	229	238	461	271	266	2,220	245	261	198
December.....	214	224	438	786	546	530	2,245	309	331	134
<b>1922.</b>										
January.....	178	169	172	326	216	182	984	199	246	229
February.....	156	175	183	341	235	204	1,089	194	236	132
March.....	198	243	215	406	270	238	1,433	244	265	163
April.....	185	222	244	471	308	267	1,792	244	254	154
May.....	182	193	233	444	276	280	1,849	253	261	128
June.....	137	261	225	448	271	279	1,813	241	274	135
July.....	154	154	228	444	287	251	1,455	247	275	254
August.....	153	168	235	464	304	248	1,556	246	289	225
September.....	180	214	245	491	308	257	2,160	260	274	202
October.....	250	311	286							237
November.....										
December.....										

See footnote on opposite page.



## RETAIL TRADE.

Table 90.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	MAIL-ORDER HOUSES.		TEN-CENT STORES.					MISCELLANEOUS.		
	Sears, Roebuck & Co.	Montgomery Ward & Co.	F. W. Woolworth Co.	S. S. Kresge Co.	McCroy Stores Corp.	S. H. Kress & Co.	J. C. Penney Co.	United Cigar Stores Co.	Owl Drug Co.	American Wholesale Corp.
Thousands of dollars.										
1913 monthly average....	<b>\$7,965</b>	<b>\$3,310</b>	<b>\$5,519</b>	<b>\$1,105</b>	<b>\$450</b>	<b>\$898</b>	<b>\$220</b>	<b>\$2,465</b>	<b>\$325</b>	<b>\$1,366</b>
1914 monthly average....	8,427	3,420	5,801	1,341	411	991	297	2,492	360	1,303
1915 monthly average....	9,389	4,113	6,333	1,745	468	1,036	402	2,587	364	1,380
1916 monthly average....	12,237	5,178	7,257	2,200	566	1,255	701	2,985	381	1,807
1917 monthly average....	14,856	6,592	8,174	2,508	655	1,469	1,240	3,576	443	2,071
1918 monthly average....	16,544	6,664	8,931	3,026	800	1,763	1,778	4,336	566	2,130
1919 monthly average....	21,494	8,838	9,958	3,556	957	2,104	2,398	5,172	667	2,944
1920 monthly average....	21,217	9,192	11,741	4,270	1,197	2,415	3,569	6,637	823	3,188
1921 monthly average....	14,835	6,246	12,299	4,655	1,194	2,409	3,887	6,339	879	2,905
<b>1920.</b>										
May.....	17,705	8,320	11,320	4,027	1,099	2,210	3,714	6,834	735	2,098
June.....	15,768	9,380	10,818	4,034	1,082	2,410	3,639	6,525	755	2,340
July.....	16,743	7,353	11,283	4,012	1,202	2,085	3,278	6,910	796	4,658
August.....	16,272	7,751	11,070	4,041	1,150	2,227	3,406	6,477	816	4,406
September.....	16,276	8,214	10,957	4,024	1,147	2,316	4,673	6,807	872	3,345
October.....	20,113	8,688	13,242	4,532	1,219	2,652	5,536	7,591	929	2,528
November.....	25,556	10,890	12,428	4,652	1,224	2,459	4,976	6,654	839	2,495
December.....	19,177	10,050	21,522	7,824	2,283	4,408	5,127	8,816	1,239	1,773
<b>1921.</b>										
January.....	15,598	5,721	8,336	3,215	903	1,773	2,759	5,969	859	3,240
February.....	14,003	5,462	9,138	3,468	946	1,850	2,732	5,713	810	2,702
March.....	20,106	7,396	11,831	4,642	1,185	2,475	3,732	6,413	864	2,987
April.....	16,375	6,464	10,963	4,392	1,102	2,160	3,726	6,494	837	2,255
May.....	12,239	5,321	11,203	4,232	1,001	2,110	3,806	6,309	810	2,057
June.....	11,094	6,806	10,741	4,245	999	2,255	3,835	6,186	855	2,183
July.....	10,676	4,329	10,744	4,087	1,048	2,077	3,290	6,263	888	3,250
August.....	12,477	5,483	11,641	4,311	1,122	2,191	3,354	6,160	882	3,912
September.....	14,800	6,363	11,325	4,300	1,069	2,148	4,263	6,231	846	4,276
October.....	17,378	7,604	14,408	5,189	1,251	2,731	5,323	6,691	943	3,461
November.....	16,186	7,581	13,110	5,098	1,220	2,385	4,883	6,029	849	2,700
December.....	17,081	7,425	24,155	8,686	2,456	4,755	4,938	7,613	1,108	1,831
<b>1922.</b>										
January.....	14,188	5,594	9,520	3,598	970	1,632	2,165	4,898	798	3,133
February.....	12,413	5,785	10,095	3,763	1,056	1,835	2,395	4,794	766	1,806
March.....	15,801	8,031	11,847	4,481	1,215	2,134	3,153	6,013	860	2,226
April.....	14,713	7,358	13,439	5,208	1,386	2,396	3,943	6,012	825	2,107
May.....	14,478	6,377	12,884	4,903	1,242	2,511	4,067	6,226	848	1,750
June.....	10,910	8,655	12,432	4,945	1,219	2,508	3,988	5,932	891	1,848
July.....	12,245	5,110	12,557	4,901	1,293	2,250	3,202	6,100	895	3,468
August.....	12,156	5,553	12,960	5,122	1,369	2,225	3,424	6,064	938	3,073
September.....	14,375	7,089	13,507	5,424	1,386	2,304	4,753	6,421	891	2,764
October.....	19,933	10,289	15,774							3,234
November.....										
December.....										

<sup>1</sup> This table is submitted in response to a demand for publication of the figures of sales of individual stores, which have been compiled from published reports. These figures represent money values of sales. On account of the tremendous increase in J. C. Penney Co. sales, this store is not included in our total of 10-cent store sales given on page 134. Data on American Wholesale Corporation placed here for convenience.

## RETAIL SALES.

Table 91.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	DEPARTMENT STORES.								MAIL-ORDER HOUSES (4 houses).	CHAIN STORES. <sup>2</sup>						
	Federal reserve districts.									Grocery (16 chains).	Five and ten (4 chains.)	Drug (7 chains).	Cigar (3 chains).	Shoe (5 chains).	Music (4 chains).	
	Boston (24 stores).	New York (63 stores).	Philadelphia (17 stores).	Richmond (19 stores).	Atlanta (9 stores).	Minneapolis <sup>3</sup> (10 stores).	Dallas <sup>3</sup> (16 stores).	San Francisco (18 stores).								Total for 8 districts, weighted (176 stores).
	Relative to 1919.															
1919 mo. av....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1920 mo. av....	116	118	119	113	121	108	120	120	117	103	144	118	119	133	121	110
1921 mo. av....	115	113	117	106	103	94	99	117	110	71	124	124	121	131	117	86
<b>1920.</b>																
January.....	107	111	106	89	101	96	103	110	105	120	127	86	115	107	90	95
February.....	81	87	86	78	88	79	93	89	85	122	128	83	108	106	76	95
March.....	119	123	126	118	119	103	130	117	120	131	148	111	117	120	122	113
April.....	121	117	121	110	125	111	118	116	118	108	154	111	110	123	134	91
May.....	124	129	129	111	131	113	122	121	124	90	152	113	116	136	147	92
June.....	125	121	115	118	112	114	117	114	118	87	150	109	117	130	128	94
July.....	88	88	98	88	91	99	91	104	92	81	159	112	124	137	120	85
August.....	87	78	97	85	99	92	92	121	91	80	143	111	120	129	92	102
September....	108	102	106	101	109	109	118	116	107	91	143	112	119	137	112	119
October.....	124	135	134	129	143	116	138	128	132	104	143	130	123	151	143	127
November....	134	142	139	136	142	117	139	121	136	126	140	126	114	134	135	132
December....	178	184	169	188	191	148	179	188	181	96	138	215	150	181	155	179
<b>1921.</b>																
January.....	109	106	109	92	93	90	93	107	102	69	124	86	117	119	85	79
February.....	87	88	88	84	90	70	88	95	87	64	118	92	110	116	82	78
March.....	121	118	126	118	113	97	110	116	116	95	128	121	123	131	141	82
April.....	119	115	125	108	101	106	96	109	112	77	121	111	121	134	139	75
May.....	118	113	121	107	106	93	103	116	111	60	118	112	119	129	136	65
June.....	121	112	113	112	94	96	95	107	109	62	116	109	120	127	127	60
July.....	78	77	90	77	73	77	69	96	80	49	115	108	122	128	100	56
August.....	83	74	93	76	80	81	69	118	83	56	121	116	119	127	86	72
September....	98	92	91	84	86	90	91	109	93	72	118	113	119	128	103	82
October.....	129	138	139	120	124	100	113	125	128	88	135	141	124	138	135	99
November....	125	130	136	117	115	96	103	116	121	83	133	134	115	124	119	107
December....	189	187	171	178	165	128	160	184	176	80	144	241	146	172	149	173
<b>1922.</b>																
January.....	100	97	97	76	75	69	74	100	87	65	135	94	117	111	80	72
February.....	84	84	88	72	77	60	72	85	80	59	127	100	114	109	80	75
March.....	110	108	112	94	86	74	91	110	102	82	149	118	123	124	102	81
April.....	125	118	132	106	100	92	86	109	112	75	150	134	123	125	156	79
May.....	123	117	126	103	98	90	96	135	114	69	137	130	123	129	127	81
June.....	122	113	109	103	85	88	86	112	106	69	133	125	124	106	123	81
July.....	82	77	87	71	68	74	64	98	78	58	129	126	126	127	101	79
August.....	87	78	122	73	80	79	66	123	85	57	137	130	127	127	87	97
September....	115	106	107	91	89	85	99	113	103	76	138	136	128	135	118	118
October.....																
November....																
December....																

<sup>1</sup> Compiled by the Federal Reserve Board, Division of Analysis and Research. Index numbers are based upon dollar values.<sup>2</sup> With the exception of the 4 music chains which operate only locally through the West, these data include the larger individual chain-store systems, which in the aggregate cover practically the entire country. Approximately 10,000 unit stores are represented by the 16 grocery chains; 1,665 unit stores by the 4 five and ten cent chains; 352 unit stores by the 7 drug store chains; 2,250 unit stores by the 3 cigar chains; 210 unit stores by the 5 shoe chains; and 50 unit stores by the 4 music chains.<sup>3</sup> 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.

## DEPARTMENT STORE STOCKS.

Table 92.—INDEX NUMBERS.

[Base year in bold-faced type.]

YEAR AND MONTH.	VALUE OF STOCKS AT END OF MONTH, BY FEDERAL RESERVE DISTRICTS. <sup>1</sup>											
	Boston (No. 1).	New York (No. 2).	Phila- delphia (No. 3).	Cleveland (No. 4).	Rich- mond (No. 5).	Atlanta (No. 6).	Chicago (No. 7).	St. Louis (No. 8).	Minne- apolis (No. 9).	Kansas City (No. 10).	Dallas (No. 11).	San Francisco (No. 12).
Six months' average, July-Dec., 1920.	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>1920.</b>												
January.....	86.6		79.1		82.2		48.1					22.9
February.....	93.3		84.7	78.0	90.9		74.9					30.2
March.....	102.8	107.8	95.1	87.0	103.7	92.9	82.5		99.9			38.4
April.....	106.6	107.4	100.2	93.4	103.5	95.7	82.5	98.5	103.0			46.7
May.....	103.5	102.0	93.5	92.5	105.8	95.1	84.2		99.2	96.7		57.5
June.....	97.8	95.7	90.7	91.6	96.1	89.7	84.2		102.3	88.1		70.8
July.....	93.2	95.2	93.8	90.3	98.5	94.7	91.2		97.4	95.9	88.9	86.6
August.....	97.2	101.7	99.6	98.8	100.7	99.7	104.5	95.8	100.2	105.3	108.7	98.9
September.....	106.4	108.7	107.9	107.8	111.0	112.8	109.5	106.9	107.1	110.1	115.8	108.3
October.....	104.5	109.3	108.8	112.8	111.1	113.6	111.0	108.8	108.0	108.1	112.3	109.6
November.....	109.6	103.3	103.8	105.6	102.5	105.9	104.4	104.1	103.4	102.6	101.8	105.9
December.....	88.9	81.5	85.8	84.5	76.3	73.3	79.3	84.5	84.0	78.0	72.4	90.7
<b>1921.</b>												
January.....	77.6	75.3	75.9	72.2	64.0	72.7	77.9	81.7	76.6	77.1	66.7	87.0
February.....	89.7	79.3	80.3	74.4	69.7	77.0	79.0	80.9	77.4	84.9	70.0	88.9
March.....	84.0	86.1	85.0	80.3	75.5	80.4	86.2	88.3	82.2	90.3	76.4	92.9
April.....	86.3	89.5	86.1	83.7	78.7	80.0	85.6	88.4	79.8	91.8	76.8	95.7
May.....	84.5	87.7	86.2	81.1	77.3	77.8	82.9	86.8	76.4	87.8	74.1	94.7
June.....	81.0	82.8	84.8	78.8	74.1	75.6	79.5	86.4	72.0	79.8	70.7	87.5
July.....	78.9	79.3	80.8	74.0	72.4	75.2	78.6	83.1	71.5	85.2	69.1	86.9
August.....	80.0	85.0	80.2	79.0	67.3	79.1	84.9	90.9	76.4	95.9	80.8	90.9
September.....	88.5	95.1	86.1	86.7	78.7	87.8	88.5	97.6	79.5	101.8	86.6	94.7
October.....	94.0	99.7	88.3	88.7	80.8	89.1	91.7	98.1	80.2	102.2	86.9	95.3
November.....	98.6	101.7	88.7	89.3	80.4	89.3	91.2	98.9	79.6	98.0	86.9	96.6
December.....	83.8	85.1	76.4	73.6	72.9	73.3	75.4	81.8	69.3	78.1	65.3	81.0
<b>1922.</b>												
January.....	77.9	82.0	76.7	67.2	59.7	73.2	71.6	73.8	66.8	80.5	65.0	76.5
February.....	81.3	84.5	79.2	77.2	67.2	79.3	79.0	82.1	70.9	91.4	70.7	84.4
March.....	86.9	93.9	86.4	84.7	73.0	82.4	84.8	89.8	76.6	98.1	76.7	90.4
April.....	88.1	94.5	87.4	85.8	72.1	82.4	84.3	89.0	74.0	98.4	75.5	92.1
May.....	87.1	90.5	85.0	82.6	69.6	79.2	82.2	86.5	75.5	93.9	73.0	86.3
June.....	83.5	85.8	80.4	79.3	67.0	74.5	78.2	81.5	73.5	85.3	66.5	81.1
July.....	81.2	80.7	78.0	74.0	64.5	73.5	76.9	80.7	72.7	84.2	65.1	80.7
August.....	82.5	84.3	81.3	78.1	67.7	77.9	85.1	87.8	76.2	94.9	72.6	84.0
September.....	91.9	92.9	91.0	84.7	76.8	84.6	87.4	95.4	80.0	100.1	77.0	88.8
October.....												
November.....												
December.....												

<sup>1</sup> Index numbers calculated from data collected by the *Federal Reserve Board* in cooperation with the *National Retail Dry Goods Association* from about 300 department stores, showing percentage changes from month to month. The *Federal Reserve Board* states that the original material was in dollar amounts, except in districts 3, 4, 8, and 10, where only percentages were received, and the averages for the districts were computed by weighting according to the volume of business done during 1920. The percentage changes reported by the *Federal Reserve Board* have been converted into index numbers which show the same corresponding percentage increase or decrease.

<sup>2</sup> Relative to five months' average, August-December, 1920.

## EMPLOYMENT AGENCY OPERATIONS.

Table 93.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

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
<b>1921.</b>																
July.....	97	109	<sup>3</sup> 94	<sup>6</sup> 100	<sup>6</sup> 94	95	101	<sup>2</sup> 97	<sup>6</sup> 94	<sup>6</sup> 84	95	98	<sup>2</sup> 97	<sup>6</sup> 87	<sup>6</sup> 90	102
August.....	102	100	<sup>3</sup> 104	93	99	101	97	<sup>3</sup> 106	101	98	101	95	<sup>3</sup> 103	99	104	101
September.....	101	105	<sup>4</sup> 96	104	122	112	115	<sup>4</sup> 105	101	128	114	109	<sup>4</sup> 105	117	137	90
October.....	109	104	110	94	122	120	105	119	145	131	108	106	116	109	91	91
November.....	67	97	101	85	85	92	98	94	84	83	98	103	98	98	93	105
December.....	94	85	96	124	79	79	84	78	76	76	85	90	81	91	85	119
<b>1922.</b>																
January.....	86	55	92	76	108	86	70	81	85	116	98	95	85	95	131	99
February.....	102	98	102	85	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	136	111	186	165	215	146	164	177	157	195	159	167	70
June.....	128	119	128	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	61
October.....																
November.....																
December.....																

See footnotes on opposite page.

## EMPLOYMENT AGENCY OPERATIONS.

Table 94.—NUMERICAL DATA.

Data from Government sources.<sup>1</sup>

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	116,868	29,967	53,068	8,599	25,232	94,478	23,941	43,072	6,835	20,630	1.73
<b>1921.</b>																
July.....	196,306	42,913	116,713	14,028	22,652	111,353	30,353	51,694	8,080	21,226	89,600	23,464	41,745	5,924	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	41,215	119,919	14,559	29,247	131,359	34,446	55,874	8,680	32,359	107,354	26,029	45,091	7,969	26,265	1.56
October.....	220,052	40,942	136,597	13,240	29,273	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	124,780	12,022	20,383	107,802	29,407	50,138	7,237	21,620	92,696	24,568	42,250	6,667	19,211	1.81
December.....	189,806	33,437	119,958	17,483	18,928	92,315	25,247	41,371	6,505	19,192	80,128	21,537	34,828	6,230	17,533	2.06
<b>1922.</b>																
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	36,608	6,524	26,971	1.72
February.....	206,405	38,465	127,344	11,971	28,625	108,163	25,379	45,139	8,630	29,015	82,513	24,616	34,026	7,257	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	54,640	9,084	26,524	1.67
April.....	213,167	42,829	132,202	15,869	22,267	161,768	41,673	78,938	12,247	28,910	120,763	29,684	58,006	9,854	23,219	1.32
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	49,187	159,884	34,804	74,950	11,453	38,672	1.12
August.....	233,110	45,257	139,874	15,053	32,954	224,235	45,757	115,930	11,872	50,774	169,711	35,033	82,323	9,941	42,412	1.04
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	1.06
October.....																
November.....																
December.....																

<sup>1</sup> 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, its figures being so small as not to affect the total.

<sup>2</sup> One week in July estimated for South Dakota.

<sup>3</sup> One week in August estimated for Iowa and Michigan.

<sup>4</sup> Month of September for South Dakota and one week for Iowa estimated.

<sup>5</sup> First two weeks in July estimated for Arkansas.

<sup>6</sup> First two weeks in July estimated for Washington.

## LABOR.

Table 95.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	NEW YORK STATE FACTORIES. <sup>2</sup>		WISCONSIN FACTORIES.			U. S. FAC-TO-RIES. <sup>3</sup>	UNEMPLOYMENT.	IMMI-GRATION. <sup>4</sup>	EMI-GRATION. <sup>5</sup>	NEW YORK STATE FACTORIES. <sup>2</sup>		U. S. FAC-TO-RIES. <sup>3</sup>	UNEMPLOYMENT.	IMMI-GRATION. <sup>4</sup>	EMI-GRATION. <sup>5</sup>			
	Number of employees.	Total pay roll.	Number of employees.	Total pay roll.	Average weekly earnings.	Em- ployees on pay roll.	Penn- sylv- ania.			Number of employees.	Total pay roll.	Em- ployees on pay roll.	Pennsyl- vania.					
	Relative to 1914.		Relative to 1915 (first quarter).			Relative to 1921.	Relative to Apr.-Dec. av.			Relative to 1913.		Thou- sands.	Thou- sands of dollars.			Thou- sands.	Number unem- ployed.	Number.
	A.—INDEX NUMBERS.									B.—NUMERICAL DATA.								
1913 monthly av..								100	100					118,936	50,994			
1914 monthly av..	100	100						98	104	478	\$5,942			116,923	52,817			
1915 monthly av..	103	107	105	112	106			30	63	494	6,377			36,187	32,015			
1916 monthly av..	121	141	128	160	125			26	39	579	8,366			30,562	20,067			
1917 monthly av..	126	166	136	198	146			25	24	604	9,892			30,240	12,198			
1918 monthly av..	128	210	140	258	186			15	32	614	12,481			17,654	16,106			
1919 monthly av..	120	227	136	284	209			17	35	573	13,490			19,752	18,019			
1920 monthly av..	124	281	135	342	254			44	70	594	16,711			51,798	35,672			
1921 monthly av..	97	241	94	191	202	100	100	49	68	464	11,943	1,559	263,027	57,804	34,463			
<b>1920.</b>																		
September.....	123	284	138	361	262			80	64	588	16,884			94,852	32,506			
October.....	121	281	131	344	263			87	79	577	16,681			103,269	40,047			
November.....	114	263	122	306	251			75	67	545	15,655			89,224	34,385			
December.....	106	241	113	270	239			78	82	506	14,330			93,233	41,935			
<b>1921.</b>																		
January.....	98	217	100.0	222.0	222.0	104		63	58	467	12,894	1,628		75,384	29,447			
February.....	100	214	101.6	218.0	214.0	103		57	58	476	12,734	1,613		67,483	29,562			
March.....	100	218	98.6	213.3	216.4	102		62	51	480	12,955	1,588		74,147	26,236			
April.....	99	208	93.1	200.6	215.5	101	89	60	64	471	12,335	1,581	233,645	70,780	32,700			
May.....	96	201	91.5	191.6	209.4	101	91	69	59	461	11,929	1,574	238,625	82,648	30,029			
June.....	95	196	88.6	177.0	199.7	98	88	49	80	453	11,641	1,527	232,520	57,803	40,950			
July.....	93	189	89.4	166.8	186.7	97	100	39	74	444	11,219	1,510	263,000	46,367	37,791			
August.....	93	190	92.0	185.5	201.6	98	112	41	75	443	11,280	1,526	294,985	48,707	38,352			
September.....	96	194	93.5	179.6	192.0	99	107	41	90	461	11,550	1,545	282,125	48,814	45,752			
October.....	99	195	94.4	181.6	192.4	100	105	39	76	472	11,571	1,560	276,675	45,975	38,956			
November.....	99	193	93.9	176.5	188.0	101	105	38	58	471	11,465	1,567	276,345	44,648	29,646			
December.....	99	198	94.5	179.2	189.7	96	102	26	67	471	11,744	1,493	269,322	30,897	34,130			
<b>1922.</b>																		
January.....	97	191	95.6	167.9	175.6	100	122	19	31	464	11,330	1,557	321,893	22,633	15,585			
February.....	100	195	96.5	184.5	191.2	100	119	15	28	478	11,563	1,565	313,835	17,643	14,423			
March.....	101	200	99.5	186.7	187.6	103	117	21	31	484	11,901	1,605	308,540	24,539	15,696			
April.....	100	194	101.9	193.1	189.5	104	106	25	49	478	11,546	1,617	278,850	29,166	24,962			
May.....	101	200	104.7	206.3	197.2	107	82	31	45	482	11,857	1,669	215,410	36,880	23,147			
June.....	103	205	109.5	219.3	200.4		63	30	53	490	12,199		167,405	36,236	26,944			
July.....	103	204	107.3	199.9	186.3		47	35	29	490	12,136		124,665	41,241	14,738			
August.....	105	212	108.6	216.7	199.5		38	36	20	501	12,580		99,210	42,735	10,448			
September.....	107	221	110.1	220.6	200.3		31	42	15	511	13,145		82,790	49,877	7,525			
October.....							21						56,052					
November.....							14						37,880					
December.....																		

<sup>1</sup> Data on New York state factories furnished by the *New York Department of Labor*; Wisconsin factories by the *Wisconsin Industrial Commission*; Number on pay roll, U. S. factories, from *U. S. Department of Labor, Employment Service*; Unemployment in Pennsylvania, estimated as of the first of the month on the basis of reliable statistics, by the *Pennsylvania Department of Labor and Industry, Bureau of Employment*; Immigration and emigration statistics from *U. S. Department of Labor, Bureau of Immigration*.

<sup>2</sup> Figures represent reports from 1,648 firms in New York state employing more than one-third of the factory workers in the state.

<sup>3</sup> Information is from 1,428 factories, usually employing over 500 workers each.

<sup>4</sup> Includes total admitted, both immigrants and nonimmigrants.

<sup>5</sup> Includes total departed, both emigrants and nonemigrants.

<sup>6</sup> Nine months' average, March-December.

## COST OF LIVING.

Table 96.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	FOOD.	CLOTHING.	HOUSING.	FUEL AND LIGHT.	FURNITURE AND HOUSE FURNISHINGS.	MISCELLANEOUS.	TOTAL.
1913, average.....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
1914, December.....	105.0	101.0	100.0	101.0	104.0	103.0	103.0
1915, December.....	105.0	104.7	101.5	101.0	110.6	107.4	105.1
1916, December.....	126.0	120.0	102.3	108.4	127.8	113.3	118.3
1917, December.....	157.0	149.1	100.1	124.1	150.6	140.5	142.4
1918, December.....	187.0	205.3	109.2	147.9	213.6	165.8	174.4
1919, av. 2 mos. (June, Dec.).....	195.5	241.6	119.8	151.2	244.3	181.7	188.3
1920, av. 2 mos. (June, Dec.).....	198.5	223.0	143.0	183.4	289.6	204.8	208.5
1921, av. 3 mos. (May, Sept., Dec.)..	149.3	199.7	160.0	181.1	230.1	207.8	177.3
<b>1920.</b>							
June.....	219.0	287.5	134.9	171.9	292.7	201.4	216.5
December.....	178.0	258.5	151.1	194.9	285.4	208.2	200.4
<b>1921.</b>							
May.....	144.7	222.6	159.0	181.6	247.7	208.8	180.4
September.....	153.1	192.1	160.0	180.7	224.7	207.8	177.3
December.....	150.6	184.4	161.0	181.1	218.0	206.8	174.3
<b>1922.</b>							
March.....	138.7	175.5	160.9	175.8	206.5	203.3	166.9
June.....	141.0	172.3	160.9	174.4	202.9	201.5	166.6
September.....	139.8	171.3	161.1	183.8	202.9	201.1	166.3
December.....							

<sup>1</sup> Reports compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Prices represent averages for the month in 32 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).

WAGES, COMMON LABOR.<sup>1</sup>

Table 97.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from trade and commercial sources.

[Base year in bold-faced type.]

YEAR AND MONTH.	Relative to 1913. <sup>2</sup>	Per hour.	Per 10-hour day.	YEAR AND MONTH.	Relative to 1913. <sup>2</sup>	Per hour.	Per 10-hour day.
	A.—INDEX NUMBERS.	B.—NUMERICAL DATA.			A.—INDEX NUMBERS.	B.—NUMERICAL DATA.	
February 1, 1913.....	<b>100</b>	<b>\$0.20</b>	<b>\$2.00</b>	August 1, 1918.....	210	\$0.42	\$4.20
February 1, 1916.....	110	.22	2.20	October 1, 1918.....	231	<sup>3</sup> .42	4.62
May 1, 1916.....	125	.25	2.50	February 1, 1920.....	253	.46	5.06
December 16, 1916.....	138	.275	2.75	May 16, 1921.....	204	.37	4.07
May 1, 1917.....	150	.30	3.00	July 16, 1921.....	185	<sup>4</sup> .37	3.70
October 1, 1917.....	165	.33	3.30	August 29, 1921.....	150	.30	3.00
April 16, 1918.....	190	.38	3.80	September 1, 1922.....	180	.36	3.60

<sup>1</sup> In effect in plants of *United States Steel Corp.* in the Pittsburgh district beginning on dates mentioned.

<sup>2</sup> Per 10-hour day.

<sup>3</sup> Basic 8-hour day adopted with provision for payment of time and a half for overtime.

<sup>4</sup> Basic 8-hour day abrogated.

## COST OF LIVING.

Table 98.—INDEX NUMBERS.

Based on data from non-Government sources.<sup>1</sup>

[Base year figures in bold-faced type.]

YEAR AND MONTH.	FOOD.	SHELTER.	CLOTH- ING.	FUEL AND LIGHT.	SUN- DRIES.	ALL ITEMS WEIGHTED.
1914, July.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1915, July.....	100	100	103	102	100	101
1916, July.....	111	102	120	104	104	109
1917, July.....	146	105	143	126	117	131
1918 average for two months.....	173	118	185	138	152	159
1919 average for three months.....	186	129	205	144	164	172
1920 monthly average.....	205	154	261	168	185	198
1921 monthly average.....	156	169	166	183	184	167
<b>1920.</b>						
January.....	197	143	270	149	177	190
February.....	208	145	277	149	178	194
March.....	200	149	277	149	183	195
April.....	200	150	288	151	183	197
May.....	211	151	287	166	183	202
June.....	215	151	276	161	185	203
July.....	219	158	266	166	185	205
August.....	219	156	258	169	185	203
September.....	207	159	255	178	188	199
October.....	203	159	248	183	190	197
November.....	198	166	228	200	192	193
December.....	193	166	205	200	192	190
<b>1921.</b>						
January.....	178	166	187	200	192	181
February.....	172	166	174	198	190	176
March.....	158	171	174	187	185	169
April.....	156	171	169	179	185	168
May.....	152	171	168	178	185	166
June.....	145	171	162	178	185	162
July.....	144	169	164	179	185	163
August.....	148	169	159	179	183	162
September.....	155	169	157	179	183	165
October.....	153	169	160	179	180	164
November.....	153	169	161	179	178	163
December.....	152	169	157	179	178	163
<b>1922.</b>						
January.....	150	169	156	178	178	161
February.....	142	169	156	177	177	158
March.....	139	165	154	174	174	155
April.....	139	165	155	174	174	155
May.....	139	165	156	174	174	155
June.....	141	165	153	174	174	155
July.....	142	165	154	174	172	156
August.....	139	165	153	181	172	155
September.....	140	165	155	187	172	156
October.....						
November.....						
December.....						

<sup>1</sup> Compiled by the *National Industrial Conference Board*, and represent retail prices on the first day of the month, except food, which is the retail food index of the *U. S. 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.



## PRICES.

Table 99.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	WHOLESALE PRICE INDEX NUMBERS (Revised). <sup>2</sup> (Compiled by U. S. Department of Labor.)											FARM PRICES. <sup>4</sup>	
	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.	RETAIL FOOD PRICES. <sup>3</sup>	Crops.	Live stock.
	Relative to 1913.												
1913 mo. av.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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	148	177	146	208	164
1918 mo. av.....	218	188	228	170	187	172	215	153	156	194	167	224	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	128	147	153	109	107
<b>1920.</b>													
September.....	210	215	266	281	200	255	205	273	195	226	203	219	174
October.....	187	201	245	280	191	240	198	271	188	211	198	181	166
November.....	173	190	226	264	176	215	181	260	179	196	193	148	147
December.....	152	170	215	254	160	204	164	242	166	179	178	131	121
<b>1921.</b>													
January.....	143	162	196	247	153	192	153	217	154	170	172	125	120
February.....	133	151	188	225	147	180	149	217	147	160	158	120	117
March.....	127	151	183	212	140	173	143	216	139	155	156	116	123
April.....	117	144	176	205	138	167	135	216	130	148	152	108	112
May.....	118	139	173	200	138	165	134	209	126	145	145	106	109
June.....	114	137	172	191	133	163	133	196	125	142	144	107	104
July.....	119	141	172	186	124	160	129	180	123	141	148	107	109
August.....	123	146	171	184	117	156	129	179	119	142	155	108	113
September.....	124	142	178	181	116	156	131	179	118	141	153	110	101
October.....	124	140	180	187	116	159	131	180	118	142	153	104	98
November.....	121	139	180	197	114	163	129	178	119	141	152	98	92
December.....	120	136	180	199	113	158	127	178	121	140	150	97	91
<b>1922.</b>													
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	119
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.....													
November.....													
December.....													

<sup>1</sup> Wholesale prices and retail food prices from the U. S. Department of Labor, Bureau of Labor Statistics; farm prices from the U. S. Department of Agriculture, Bureau of Agricultural Economics.<sup>2</sup> 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 1913.<sup>3</sup> The retail food price index compiled by the Bureau of Labor Statistics represents the changes in the price of 22 articles of foods as reported by retail dealers in 51 of the larger cities as of the 15th of the month.<sup>4</sup> As of the 15th of each month. Farm prices of crops represent the relative average prices to farmers of the 10 leading crops.

## WHOLESALE PRICES.

Table 100.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

[Base year in bold-face type.]

YEAR AND MONTH.	COMPILED BY FEDERAL RESERVE BOARD. (Revised.)								DUN'S. 300 commodi- ties.	BRAD- STREET'S 96 commodi- ties.
	Agricul- tural products.	Animal products.	Forest products.	Mineral products.	Total raw products.	Producers' goods.	Con- sumer's goods.	All com- modities.		
	21 quotations.	21 quotations.	11 quotations.	35 quotations.	88 quotations.	117 quotations.	199 quotations.	404 quotations.		
	Relative to 1913.									
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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	166	185	142	135	159	147	141	123
<b>1920.</b>										
May.....	311	185	357	234	246	244	249	247	218	225
June.....	299	188	324	243	245	238	245	243	217	216
July.....	285	186	315	254	242	232	244	241	215	210
August.....	254	183	309	263	235	219	235	231	209	204
September.....	229	189	293	272	232	209	230	226	205	195
October.....	192	173	267	267	212	196	219	211	196	184
November.....	173	158	225	247	192	182	209	196	188	170
December.....	159	131	213	233	174	166	192	179	175	148
<b>1921.</b>										
January.....	157	120	197	224	166	160	180	170	164	137
February.....	148	117	179	204	155	152	170	160	154	134
March.....	138	119	169	194	150	145	168	155	150	129
April.....	128	108	160	189	141	139	161	148	144	123
May.....	134	106	159	186	140	137	156	145	138	117
June.....	126	103	158	178	135	133	153	142	137	115
July.....	122	113	155	172	135	128	154	141	132	116
August.....	123	114	152	169	135	125	157	142	135	120
September.....	141	105	154	168	137	126	155	141	134	120
October.....	135	107	162	174	138	126	154	142	134	121
November.....	130	103	175	178	137	125	153	141	135	123
December.....	130	103	169	179	137	125	151	140	136	123
<b>1922.</b>										
January.....	130	109	167	178	139	123	146	138	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	180	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.....	134	132	199	236	168	132	150	153	142	131
October.....									145	136
November.....										
December.....										

<sup>1</sup> 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."

## FOREIGN PRICE COMPARISONS.

Table 101.—INDEX NUMBERS.

From Government and non-Government sources.

[Base year in bold-faced type.]

YEAR AND MONTH.	UNITED STATES. <sup>1</sup>			UNITED KINGDOM.			FRANCE.		ITALY ( <sup>5</sup> )	SWE- DEN. ( <sup>7</sup> )	SWIT- ZER- LAND. ( <sup>8</sup> )	CANADA.		JAPAN.		AUS- TRA- LIA. ( <sup>11</sup> )	INDIA (Cal- cutta). ( <sup>12</sup> )
	Goods Im- ported.	Goods ex- ported.	All com- modities.	Lon- don Econ- omist. ( <sup>2</sup> )	British Board of Trade. ( <sup>3</sup> )	U. S. Fed. Res. Board. ( <sup>6</sup> )	Gen. Stat. Bu- reau. ( <sup>4</sup> )	U. S. Fed. Res. Board. ( <sup>6</sup> )				Can. Dept. of Labor. ( <sup>9</sup> )	U. S. Fed. Res. Board. ( <sup>6</sup> )	Bank of Japan. ( <sup>10</sup> )	U. S. Fed. Res. Board. ( <sup>6</sup> )		
	18 quota- tions.	40 quota- tions.	90 quota- tions.														
	Relative to 1913.										Rel. to July, 1914.	Relative to 1913.		Relative to July, 1914.			
1913 monthly av. . . . .	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly av. . . . .				99			101		95		<b>100</b>	101	<b>100</b>	96		<b>100</b>	<b>100</b>
1915 monthly av. . . . .				123			137		133			110		97		141	
1916 monthly av. . . . .				160			187		202			135		117		132	
1917 monthly av. . . . .				204			262		299			177		149		155	
1918 monthly av. . . . .				225			339		409			206		193		170	
1919 monthly av. . . . .	174	222	211	235		241	357		364			217	207	235		180	
1920 monthly av. . . . .	191	235	239	283	314	314	510	478	624	347	326	246	250	259		218	204
1921 monthly av. . . . .	108	136	148	181	202	201	345	321	578	211	195	182	167	200	181	167	181
<b>1920.</b>																	
September . . . . .	164	219	232	284	318	315	526	497	655	362		241	244	230		230	208
October . . . . .	142	187	214	266	309	297	502	483	659	346		234	234	226		215	206
November . . . . .	127	168	196	245	293	280	461	456	670	331		225	221	221		208	194
December . . . . .	112	151	179	220	269	260	435	420	655	299		214	208	206		197	180
<b>1921.</b>																	
January . . . . .	114	147	168	209	251	244	407	387	642	267	238	208	199	201	176	196	178
February . . . . .	113	140	157	192	230	226	377	364	613	250	230	199	189	195	171	192	174
March . . . . .	114	129	152	189	215	213	360	345	604	237	219	194	184	191	167	181	175
April . . . . .	109	125	146	183	209	206	347	333	584	229	208	187	177	190	169	171	183
May . . . . .	105	129	145	182	206	201	329	323	547	218	186	183	168	191	173	166	184
June . . . . .	102	126	142	179	202	197	325	311	509	218	185	179	165	192	172	162	178
July . . . . .	103	126	145	178	198	196	330	312	520	211	179	176	163	196	178	159	183
August . . . . .	104	127	146	179	194	195	331	302	542	198	177	174	166	199	177	160	184
September . . . . .	106	149	146	183	191	194	344	301	580	182	181	172	158	207	192	160	187
October . . . . .	107	146	145	170	185	187	331	295	599	175	184	169	149	219	202	156	184
November . . . . .	108	143	145	166	176	177	332	292	595	174	182	168	145	214	197	151	180
December . . . . .	111	141	142	162	171	172	326	287	595	172	178	170	145	209	193	148	180
<b>1922.</b>																	
January . . . . .	110	139	142	159	168	170	314	286	577	170	176	168	144	206	191	147	178
February . . . . .	110	142	146	158	165	167	306	283	562	166	171	169	149	204	185	147	179
March . . . . .	111	144	147	160	163	168	307	287	533	164	171	166	150	201	182	146	182
April . . . . .	115	144	149	159	163	167	314	299	527	165	163	166	152	198	180	148	182
May . . . . .	119	155	158	162	164	171	317	302	524	164	161	167	154	194	180	155	187
June . . . . .	124	163	161	163	163	169	325	308	537	164	160	165	153	197	184	156	183
July . . . . .	129	165	165	163	163	171	325	306	558	165	161	166	154	201	192	157	181
August . . . . .	127	162	165	158	159	168	331	297	571	163	163	164	148	195	184	155	178
September . . . . .	128	157	164	156		165	329	292		158	163		144		176	158	176
October . . . . .																	
November . . . . .																	
December . . . . .																	

<sup>1</sup> 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" and "exported goods." The total index number includes also goods produced, weighted by production in 1913, and goods consumed, weighted by consumption in 1913.

<sup>2</sup> Compiled by the *London Economist*; quotations on 44 commodities, mostly raw materials, unweighted.

<sup>3</sup> Compiled by British Government *Board of Trade*; quotations on 150 commodities.

<sup>4</sup> Compiled by *Bulletin de la Statistique Generale* of the French Ministry of Labor and Social Welfare; quotations on 45 commodities, mostly raw materials, unweighted.

<sup>5</sup> Compiled by *Prof. Bachi*; quotations on 38 commodities until 1920, thereafter 76 commodities.

<sup>6</sup> 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.

<sup>7</sup> Compiled by *Svensk Handelstidning* as of the middle of each month; 47 quotations.

<sup>8</sup> Compiled by *Neue Zürcher Zeitung* as of the first of each month; quotations on 71 commodities.

<sup>9</sup> Compiled by the Canadian *Department of Labor*; quotations on 272 commodities, unweighted.

<sup>10</sup> Compiled by the *Bank of Japan*; quotations in Tokyo on 56 commodities, unweighted.

<sup>11</sup> Compiled by the *Australian Commonwealth's Bureau of Census and Statistics*; quotations on 92 commodities, weighted by consumption.

<sup>12</sup> Compiled by the *Indian Department of Statistics*; quotations on 75 commodities.

## PUBLIC FINANCE.

Table 102.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	U. S. GOVERNMENT DEBT.		U. S. GOVERNMENT FINANCES.			MONEY IN CIRCULATION. <sup>2</sup>		U. S. GOVERNMENT DEBT.		U. S. GOVERNMENT FINANCES.			MONEY IN CIRCULATION. <sup>2</sup>	
	Total interest-bearing. <sup>3</sup>	Liberty loans. <sup>4</sup>	Customs receipts. <sup>5</sup>	Total ordinary receipts. <sup>5</sup>	Ordinary disbursements. <sup>5</sup>	Total.	Per capita.	Total interest-bearing. <sup>3</sup>	Liberty loans. <sup>4</sup>	Customs receipts. <sup>5</sup>	Total ordinary receipts. <sup>5</sup>	Ordinary disbursements. <sup>5</sup>	Total.	Per capita.
	Relative to 1919.		Relative to 1913.			Relative to 1919.		Millions of dollars.		Thousands of dollars.			Millions of dollars.	Dollars.
	A.—INDEX NUMBERS.							B.—NUMERICAL DATA.						
1913 monthly average.....	4		100	100	100			\$366		\$26,573	\$60,343	\$56,898		
1914 monthly average.....	4		92	101	103			968		24,360	61,223	58,355		
1915 monthly average.....	4		66	96	107			970		17,482	58,159	60,950		
1916 monthly average.....	4		67	108	106			972		17,766	64,972	60,374		
1917 monthly average.....	11	7	71	154	168	82	84	2,713	\$1,466	18,830	93,181	95,658	\$4,018	\$38.59
1918 monthly average.....	48	45	57	576	1,313	92	93	11,986	9,313	15,228	347,834	747,211	4,500	42.53
1919 monthly average.....	100	100	58	642	2,250	100	100	25,234	20,726	15,286	387,300	1,280,447	4,915	46.00
1920 monthly average.....	96	99	101	888	742	110	109	24,336	20,537	26,961	536,006	422,039	5,385	50.29
1921 monthly average.....	94	96	98	687	651	100	99	23,598	19,828	26,160	414,323	370,485	4,927	45.62
<b>1920.</b>														
September.....	95	98	90	1,510	873	112	111	23,853	20,329	24,036	911,307	496,777	5,480	51.06
October.....	94	98	96	365	730	113	112	23,825	20,312	25,600	220,035	426,497	5,553	51.70
November.....	95	98	82	456	749	114	114	23,939	20,088	21,185	275,421	426,092	5,617	52.26
December.....	94	98	70	1,544	711	114	113	23,745	20,269	18,555	931,989	404,575	5,584	52.13
<b>1921.</b>														
January.....	94	98	98	360	682	112	112	23,756	20,228	25,925	217,328	388,179	5,501	51.29
February.....	94	97	80	412	617	107	106	23,820	20,165	21,153	248,564	351,102	5,233	48.73
March.....	94	97	110	1,527	943	106	105	23,741	20,102	29,204	921,628	536,476	5,206	48.41
April.....	94	97	152	491	868	103	102	23,760	20,056	40,417	296,171	494,091	5,051	46.91
May.....	94	96	96	371	648	102	101	23,710	19,995	25,485	223,706	368,451	5,020	46.57
June.....	94	96	93	1,243	825	102	101	23,739	19,844	24,723	750,017	469,614	5,012	46.43
July.....	93	95	75	346	566	99	98	23,534	19,776	19,796	209,068	321,819	4,866	45.02
August.....	94	95	99	402	512	96	95	23,680	19,611	26,449	242,443	291,158	4,737	43.77
September.....	94	95	88	1,142	468	95	94	23,675	19,717	23,357	689,328	266,524	4,672	43.11
October.....	92	94	99	394	535	95	93	23,201	19,537	26,408	237,848	304,158	4,663	42.98
November.....	93	94	93	324	570	94	92	23,365	19,491	24,843	195,483	324,483	4,607	42.41
December.....	92	94	98	1,227	580	93	91	23,189	19,408	26,155	740,293	329,766	4,553	41.85
<b>1922.</b>														
January.....	92	93	103	317	406	96	94	23,152	19,372	27,251	191,001	231,247	4,707	43.22
February.....	92	92	127	291	320	90	88	23,238	19,129	33,652	175,651	182,206	4,412	40.46
March.....	91	89	152	913	573	90	88	22,904	18,458	40,288	550,758	325,955	4,433	40.60
April.....	91	89	127	328	426	91	88	22,954	18,405	33,804	197,920	242,561	4,449	40.69
May.....	92	89	134	342	418	90	88	23,139	18,361	35,578	206,376	237,961	4,418	40.36
June.....	90	88	146	784	553	89	87	22,710	18,292	38,862	472,936	314,770	4,376	39.87
July.....	90	86	141	340	384	88	86	22,716	17,751	37,492	204,977	218,697	4,337	39.47
August.....	90	85	147	359	383	89	87	22,795	17,534	39,012	216,778	218,026	4,394	39.93
September.....	89	85	200	754	535	92	89	22,558	17,584	53,135	454,809	304,132	4,521	41.04
October.....	90	84	151	499	723			22,817	17,418	40,136	301,239	411,110		
November.....														
December.....														

<sup>1</sup> From U. S. Treasury Department, except money in circulation, prior to July 1, 1922, from the Federal Reserve Board.<sup>2</sup> Represents money held outside of the U. S. Treasury and the Federal Reserve system; figures for years 1917 to 1920 are as of Dec. 31.<sup>3</sup> Figures for the years 1913 to 1920 are as of June 30.<sup>4</sup> Includes Liberty and Victory Loans and War Savings Securities; figures for the years 1913 to 1919 are as of June 30.<sup>5</sup> Monthly averages for fiscal years ending June 30, 1913 to 1920.

## LIFE INSURANCE—NEW BUSINESS.

Table 103.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	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).	
	Number of policies.	Value.	Number of policies.	Value.	Value.	Number of policies.	Value.	Thousands of policies.	Thousands of dollars.	Thousands of policies.	Thousands of dollars.	Number of policies.	Thousands of dollars.	Thousands of policies.	Thousands of dollars.
	Relative to 1913.														
A.—INDEX NUMBERS.								B.—NUMERICAL DATA.							
	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>74</b>	<b>\$131,839</b>	<b>380</b>	<b>\$51,909</b>	<b>4</b>	<b>\$1,445</b>	<b>454</b>	<b>\$185,193</b>
1913 monthly av....	100	100	100	100	100	100	100	74	\$131,839	380	\$51,909	4	\$1,445	454	\$185,193
1914 monthly av....	100	97	108	106	182	107	161	74	128,358	410	55,217	4	2,628	484	186,203
1915 monthly av....	107	104	113	112	221	112	107	79	136,700	429	58,128	8	3,188	507	198,015
1916 monthly av....	122	127	109	113	350	111	125	90	167,970	415	58,645	25	5,052	504	231,667
1917 monthly av....	142	150	109	119	755	114	146	105	197,310	414	61,484	60	10,908	519	269,702
1918 monthly av....	145	157	114	127	1,204	119	157	107	206,382	433	66,099	55	17,401	540	289,882
1919 monthly av....	232	273	122	150	1,992	141	252	172	360,180	465	77,901	134	28,785	638	466,866
1920 monthly av....	265	332	132	179	1,895	153	301	196	437,623	500	93,044	149	27,377	696	558,043
1921 monthly av....	212	274	145	202	508	156	256	157	361,803	550	104,813	51	7,335	707	473,951
<b>1921.</b>															
January.....	193	253	128	180	413	139	234	143	333,787	487	93,357	40	5,974	629	433,118
February.....	212	267	127	177	368	141	243	157	352,027	484	91,866	43	5,324	641	449,217
March.....	246	311	163	228	663	177	291	182	410,146	621	118,478	43	9,581	803	558,205
April.....	246	311	133	184	464	152	277	182	410,624	507	95,759	48	6,709	689	513,092
May.....	227	300	172	241	555	181	285	168	395,445	652	125,232	44	8,023	820	528,699
June.....	224	292	145	202	383	158	268	166	385,075	550	104,909	45	5,529	716	495,512
July.....	235	267	113	158	283	128	237	152	352,134	431	81,872	29	4,088	583	438,093
August.....	191	250	117	163	357	129	226	141	329,124	446	84,583	36	5,153	587	418,859
September.....	191	231	133	186	319	143	220	141	305,191	507	96,805	22	4,607	649	406,603
October.....	200	250	177	249	297	181	250	148	329,232	672	129,165	28	4,293	820	462,690
November.....	192	244	153	210	232	159	234	142	321,236	581	109,087	24	3,350	723	433,673
December.....	224	317	174	244	1,757	182	308	166	417,621	662	126,646	210	25,388	828	569,655
<b>1922.</b>															
January.....	172	232	142	200	920	146	228	127	305,528	538	103,725	30	13,287	665	422,540
February.....	193	274	150	214	513	157	259	143	361,571	569	110,954	49	7,420	712	479,945
March.....	226	318	180	256	1,053	187	307	167	419,839	684	132,833	51	15,215	850	567,888
April.....	218	310	151	237	1,687	161	300	161	408,361	572	123,208	40	24,379	733	555,948
May.....	228	326	164	241	689	175	305	169	429,236	624	125,084	61	9,962	793	564,282
June.....	222	319	152	223	1,164	164	299	164	420,362	579	115,959	58	16,814	743	553,135
July.....	215	308	143	213	766	154	285	159	405,609	542	110,423	55	11,068	701	527,099
August.....	201	292	135	198	672	146	268	149	384,328	512	102,901	44	9,709	661	496,938
September.....	191	257	126	187	1,162	137	245	141	338,739	480	97,257	49	16,785	621	452,831
October.....															
November.....															
December.....															

<sup>1</sup> Compiled by the Association of Life Insurance Presidents. The data represent only new business that has been paid for, exclusive of revivals, increases, and dividend additions. 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.

## SAVINGS DEPOSITS.

Table 104.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	BALANCE TO CREDIT OF DEPOSITORS—END OF MONTH.								
	Federal reserve districts.							New York State savings banks. <sup>2</sup>	U. S. postal savings.
	Boston.	New York.	Phladel- phia.	Cleve- land.	Rich- mond.	Chicago.	San Fran- cisco.		
	Relative to 1920.						Relative to 1919.	Relative to 1913.	
1913 monthly average...								<b>100</b>	<b>100</b>
1914 monthly average...								103	149
1915 monthly average...								105	187
1916 monthly average...								111	282
1917 monthly average...								115	360
1918 monthly average...								117	422
1919 monthly average...							<b>100</b>	129	406
1920 monthly average...	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	116	143	411
1921 monthly average...	103	108	106	112	109	102	123	153	389
<b>1920.</b>									
May.....	99	98	99	98	100	99	114		398
June.....	100	101	99	100	100	101	117	139	396
July.....	100	100	100	99	101	100	116		397
August.....	100	100	100	101	101	101	117		402
September.....	101	101	100	103	101	102	118		405
October.....	101	102	101	103	102	103	119		410
November.....	102	102	102	104	102	104	120		408
December.....	102	107	105	109	102	106	123	147	411
<b>1921.</b>									
January.....	103	106	107	116	106	105	123		412
February.....	102	107	108	116	106	105	123		411
March.....	103	107	107	115	107	103	123	149	406
April.....	103	107	107	113	108	103	123		398
May.....	103	107	107	113	108	102	123		391
June.....	103	109	106	114	108	103	125	154	383
July.....	103	108	106	111	109	101	123		384
August.....	102	108	106	110	109	100	122		383
September.....	102	108	105	110	109	100	122	152	380
October.....	103	108	105	110	111	100	123		376
November.....	102	108	105	109	111	101	123		372
December.....	103	111	108	110	111	102	126	156	369
<b>1922.</b>									
January.....	104	111	109	109	113	100	126		364
February.....	104	111	109	109	113	101	128		365
March.....	105	111	110	108	115	101	128	* 158	364
April.....	105	111	110	109	117	100	128		360
May.....	105	111	109	109	119	101	129		354
June.....	106	113	109	111	123	103	132		349
July.....	106	113	109	109	119	102	132	161	345
August.....	107	113	108	110	119	102	133		344
September.....	107	114	108	111	122	103	135		341
October.....									
November.....									
December.....									

See footnotes on opposite page.

## SAVINGS DEPOSITS.

Table 105.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	BALANCE TO CREDIT OF DEPOSITORS—END OF MONTH.								
	Federal Reserve Districts.							New York State savings banks. <sup>2</sup>	U. S. postal savings.
	Boston.	New York.	Philadel- phia.	Cleve- land.	Rich- mond.	Chicago.	San Fran- cisco.		
	Thousands of dollars.								
1913 monthly average.....								<b>\$1,724,607</b>	<b>\$39,750</b>
1914 monthly average.....								1,772,357	59,145
1915 monthly average.....								1,805,366	74,349
1916 monthly average.....								1,918,453	112,159
1917 monthly average.....								1,989,013	143,193
1918 monthly average.....								2,016,866	167,653
1919 monthly average.....							<b>\$580,743</b>	2,223,216	161,373
1920 monthly average.....	<b>\$1,036,420</b>	<b>\$1,532,056</b>	<b>\$389,559</b>	<b>\$345,252</b>	<b>\$225,478</b>	<b>\$764,505</b>	673,382	2,465,491	163,434
1921 monthly average.....	1,064,315	1,653,162	414,765	387,425	244,718	781,162	715,883	2,635,572	154,508
<b>1920.</b>									
May.....	1,029,936	1,501,413	385,231	338,429	225,798	757,545	661,774		158,136
June.....	1,036,586	1,542,109	386,346	344,141	225,336	772,269	681,349	2,398,329	157,276
July.....	1,038,329	1,535,307	388,182	342,188	226,842	766,033	673,533		157,618
August.....	1,040,736	1,537,595	388,681	349,819	227,806	771,072	677,118		159,675
September.....	1,044,744	1,553,413	391,439	353,931	228,146	778,872	683,574		161,150
October.....	1,050,981	1,560,069	394,235	357,003	229,055	788,918	690,619		162,810
November.....	1,052,661	1,569,705	397,192	360,732	229,536	796,838	696,801		162,352
December.....	1,059,000	1,634,502	410,551	377,093	229,430	808,794	713,168	2,532,653	163,434
<b>1921.</b>									
January.....	1,065,210	1,631,063	416,540	400,243	233,639	803,119	711,973		163,656
February.....	1,055,824	1,633,408	418,981	399,924	239,084	799,376	715,769		163,356
March.....	1,065,907	1,639,233	418,389	397,790	241,773	790,987	716,871	2,574,697	161,249
April.....	1,068,590	1,638,088	416,813	390,251	243,956	784,729	712,190		158,097
May.....	1,065,954	1,638,673	415,886	388,850	244,367	783,570	714,574		155,395
June.....	1,067,743	1,672,087	414,349	392,492	243,289	786,791	726,318	2,648,432	152,390
July.....	1,066,782	1,659,333	413,893	384,153	244,670	775,265	714,928		152,500
August.....	1,061,725	1,654,316	412,108	381,385	245,075	768,092	711,145		152,400
September.....	1,061,285	1,657,028	409,904	379,358	245,192	765,278	709,498	2,623,039	151,150
October.....	1,062,542	1,653,338	409,579	378,789	250,397	766,480	711,457		149,400
November.....	1,061,106	1,656,392	409,463	377,166	249,300	770,989	712,653		148,000
December.....	1,069,106	1,704,986	421,274	378,702	250,878	779,265	733,220	2,696,120	146,500
<b>1922.</b>									
January.....	1,078,232	1,698,444	425,438	375,639	254,299	767,745	734,089		144,700
February.....	1,081,935	1,698,535	426,470	374,773	255,034	770,809	741,565		145,000
March.....	1,085,788	1,704,841	427,104	374,372	259,576	769,966	744,599	2,716,533	144,500
April.....	1,092,416	1,700,636	426,745	376,115	262,969	767,923	742,928		143,000
May.....	1,091,620	1,701,562	423,582	377,299	263,659	770,643	747,296		140,750
June.....	1,097,919	1,738,814	424,063	381,994	276,648	784,348	768,704		138,750
July.....	1,102,250	1,728,753	423,963	377,989	269,238	776,081	766,807	2,791,691	137,175
August.....	1,104,435	1,728,310	422,128	380,941	269,220	778,906	772,150		136,725
September.....	1,108,924	1,744,493	420,090	383,995	274,199	785,767	782,673		135,625
October.....									
November.....									
December.....									

<sup>1</sup> 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, as follows: Boston, 64 banks, New York, 30, Philadelphia, 75, Cleveland, 18, Richmond, 93, Chicago, 219, San Francisco, 75. 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.

<sup>2</sup> Yearly figures from 1914 to 1920, inclusive, are averages of deposits on June 30 and December 31 of each year; 1913 figures are for December 31; 1921 is average of quarterly figures.

<sup>3</sup> Approximate figure calculated from deposits and withdrawals.

## BANKING.

Table 106.—INDEX NUMBERS.

Based on data from Government and non-Government Sources.<sup>1</sup>

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

YEAR AND MONTH.	DEBITS TO INDIVIDUAL ACCOUNTS. <sup>2</sup>		BANK CLEARINGS.		CONDITION OF FEDERAL RESERVE BANKS. <sup>3</sup>					CONDITION OF REPORTING MEMBER BANKS. <sup>4</sup>			INTEREST RATES.		
	In New York City.	Outside New York City.	In New York City.	Outside New York City. <sup>5</sup>	Bills dis-counted.	Notes in cir-culation.	Total invest-ments.	Total re-serves.	Total de-posits.	Re-serve ratio. <sup>6</sup>	Total loans and dis-counts.	Total invest-ments.	Net de-mand de-posits.	New York call loans.	Com-mercial double-name paper, 60-90 days.
	Relative to 1919.		Relative to 1913.		Relative to 1919.					Relative to 1921.		Relative to 1919.	Relative to 1913.		
1913 monthly average.....			<b>100</b>	<b>100</b>										<b>100</b>	<b>100</b>
1914 monthly average.....			88	97										108	78
1915 monthly average.....			116	104	1	3		18		188				60	60
1916 monthly average.....			169	137	1	7	24	27		166				80	59
1917 monthly average.....			187	164	12	23	39	58	60	151				107	82
1918 monthly average.....			189	182	60	73	79	91	90	114			88	166	101
1919 monthly average.....	<b>100</b>	<b>100</b>	249	216	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>100</b>	205	94
1920 monthly average.....	99	114	257	248	132	120	114	97	99	87			117	246	127
1921 monthly average.....	85	91	235	191	91	112	57	122	99	121	<b>100</b>	<b>100</b>	96	189	113
<b>1920.</b>															
September.....	87	112	236	247	140	125	102	98	97	87			106	226	138
October.....	99	116	262	258	145	128	101	99	95	86			106	241	138
November.....	100	112	246	234	141	127	96	100	90	88			103	253	137
December.....	108	109	266	235	140	128	92	103	93	99			103	217	136
<b>1921.</b>															
January.....	98	104	236	212	127	118	76	106	93	98	108	99	101	210	135
February.....	74	84	184	171	124	117	77	108	93	99	107	99	99	228	134
March.....	85	95	212	202	118	112	69	111	95	101	106	101	96	216	132
April.....	80	90	197	189	107	108	63	114	89	110	103	100	96	203	131
May.....	85	88	201	181	97	104	66	117	88	115	101	99	96	214	120
June.....	87	89	214	187	92	101	49	120	87	121	100	102	95	196	117
July.....	80	85	195	180	85	97	45	123	88	126	98	96	95	179	111
August.....	75	85	185	181	77	95	43	127	87	133	96	97	94	179	103
September.....	79	88	199	187	72	94	44	131	89	137	97	101	93	162	102
October.....	87	95	203	200	68	92	43	134	90	141	96	98	96	165	97
November.....	86	85	213	192	61	90	47	137	90	145	95	102	97	159	90
December.....	101	100	234	203	61	93	60	137	91	142	94	106	96	160	89
<b>1922.</b>															
January.....	94	95	219	190	44	83	56	140	92	154	92	107	97	143	85
February.....	81	84	195	166	37	83	74	141	91	156	91	110	97	155	84
March.....	100	99	237	200	33	83	92	142	93	155	91	110	97	137	83
April.....	102	94	238	191	26	82	110	143	95	156	91	115	101	137	79
May.....	106	92	244	205	24	82	122	143	97	155	91	123	104	125	74
June.....	108	98	255	210	24	81	120	144	100	154	90	131	105	130	70
July.....	97	93	233	201	20	81	118	145	97	158	90	132	104	122	65
August.....	90	90	215	202	21	82	117	146	97	158	90	135	103	126	68
September.....	94	94	219	209	22	86	117	146	95	156	92	133	105	141	72
October.....			249	240										157	76
November.....															
December.....															

See footnotes on opposite page.



## BANKING.

Table 107.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	DEBITS TO INDIVIDUAL ACCOUNTS. <sup>2</sup>		BANK CLEARINGS.		CONDITION OF FEDERAL RESERVE BANKS. <sup>3</sup>						CONDITION OF REPORTING MEMBER BANKS. <sup>4</sup>			INTEREST RATES.	
	In New York City.	Outside New York City.	In New York City.	Outside New York City. <sup>5</sup>	Bills dis-counted.	Notes in cir-culation.	Total invest-ments.	Total re-serves.	Total de-posits.	Re-serve ratio. <sup>6</sup>	Total loans and dis-counts.	Total invest-ments.	Net demand deposits.	New York call loans.	Com-mercial double-name paper, 60-90 days.
	Millions of dollars.				Per cent.						Millions of dollars.			Per cent.	
1913 mo. av.			\$7,886	\$6,120										3.18	5.78
1914 mo. av.			6,918	5,916										3.45	4.52
1915 mo. av.			9,184	6,381	\$29	\$89			\$384	94.6				1.91	3.44
1916 mo. av.			13,298	8,366	24	185	\$144	586		53.5				2.53	3.42
1917 mo. av.			14,784	10,052	224	666	231	1,261	\$1,154	75.6				3.40	4.73
1918 mo. av.			14,878	11,143	1,158	1,911	466	1,091	1,738	57.0		\$9,260		5.27	5.86
1919 mo. av.	\$20,343	\$17,536	19,650	13,220	1,936	2,618	592	2,190	1,937	50.2		10,576		6.51	5.42
1920 mo. av.	20,087	20,067	20,261	15,169	2,557	3,154	676	2,123	1,922	43.5		11,302		7.82	7.34
1921 mo. av.	17,258	15,914	16,194	11,659	1,755	2,694	337	2,672	1,744	60.6	\$11,927	\$3,364	10,178	6.02	6.55
<b>1920.</b>															
September.....	17,599	19,596	18,602	15,093	2,704	3,280	606	2,152	1,882	43.6			11,161	7.19	7.97
October.....	20,136	20,367	20,661	15,794	2,801	3,351	595	2,168	1,846	43.1			11,172	7.65	8.00
November.....	20,308	19,569	19,434	14,344	2,735	3,326	569	2,195	1,751	44.4			10,592	8.06	7.94
December.....	21,888	19,136	20,981	14,410	2,719	3,345	544	2,249	1,799	45.4			10,942	6.90	7.88
<b>1921.</b>															
January.....	20,033	18,264	18,573	12,963	2,456	3,091	452	2,320	1,808	49.0	12,908	3,346	10,643	6.69	7.81
February.....	15,130	14,785	14,529	10,457	2,396	3,052	458	2,357	1,809	49.9	12,761	3,338	10,495	7.25	7.75
March.....	17,353	16,719	16,682	12,349	2,287	2,931	406	2,422	1,841	50.8	12,591	3,392	10,186	6.88	7.63
April.....	16,349	15,766	15,536	11,594	2,064	2,830	371	2,505	1,726	55.0	12,248	3,355	10,138	6.45	7.58
May.....	17,297	15,348	15,847	11,059	1,870	2,735	393	2,558	1,706	57.6	12,028	3,317	10,153	6.81	6.94
June.....	17,628	15,619	16,849	11,474	1,772	2,634	289	2,625	1,686	60.8	11,884	3,447	10,046	6.22	6.75
July.....	16,340	14,984	15,355	11,034	1,650	2,538	269	2,685	1,695	63.4	11,660	3,229	10,002	5.70	6.40
August.....	15,186	14,833	14,556	11,083	1,492	2,481	256	2,788	1,691	66.8	11,491	3,268	9,968	5.69	5.94
September.....	16,102	15,517	15,079	11,466	1,403	2,457	263	2,879	1,717	69.0	11,573	3,384	9,866	5.15	5.90
October.....	17,610	16,684	16,027	12,254	1,309	2,409	253	2,937	1,739	70.8	11,422	3,307	10,192	5.25	5.63
November.....	17,492	14,900	16,822	11,767	1,182	2,366	278	2,990	1,743	72.7	11,335	3,430	10,270	5.06	5.19
December.....	20,575	17,554	18,476	12,405	1,180	2,443	356	2,992	1,765	71.1	11,220	3,560	10,174	5.10	5.13
<b>1922.</b>															
January.....	19,065	16,642	17,296	11,625	850	2,184	333	3,059	1,779	77.2	10,919	3,615	10,271	4.56	4.90
February.....	16,543	14,730	15,340	10,179	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	12,225	636	2,182	544	3,103	1,805	77.8	10,842	3,702	10,309	4.35	4.80
April.....	20,717	16,481	18,759	11,671	500	2,158	650	3,125	1,833	78.3	10,846	3,865	10,676	4.35	4.58
May.....	21,654	17,148	19,215	12,540	471	2,141	722	3,130	1,870	78.0	10,906	4,122	11,049	3.97	4.25
June.....	22,063	17,168	20,111	12,832	469	2,124	711	3,148	1,939	77.5	10,783	4,405	11,124	4.13	4.05
July.....	19,713	16,315	18,337	12,288	380	2,127	697	3,181	1,888	79.2	10,739	4,450	11,043	3.88	3.78
August.....	18,287	15,817	16,938	12,342	404	2,153	691	3,196	1,882	79.2	10,761	4,532	10,942	4.00	3.93
September.....	19,215	16,522	17,285	12,817	420	2,243	690	3,203	1,840	78.4	10,928	4,468	11,085	4.48	4.18
October.....			19,668	14,691										5.00	4.38
November.....															
December.....															

<sup>1</sup> Figures for Debits to individual accounts, condition of Federal Reserve Banks, and condition of reporting member banks are from the *Federal Reserve Board*; Bank clearings from *Bradstreet's*; Interest rates in New York market from the *Commercial and Financial Chronicle*.

<sup>2</sup> Debits of banks in about 150 of the larger clearing-house centers, covering weekly totals, the first and last weeks of the month being prorated.

<sup>3</sup> Condition as of last Wednesday of the month. Prior to April, 1921, figures are of last Friday of month.

<sup>4</sup> Includes reports from more than 800 banks in the leading cities in the United States on condition as of last Wednesday of month. Prior to April, 1921, figures are as of last Friday of month.

<sup>5</sup> Includes 130 cities.

<sup>6</sup> Prior to March, 1921, net deposits were used in calculating reserve ratios.

## STOCKS AND BONDS.

Table 108.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	STOCK PRICES. <sup>2</sup>		BOND PRICE INDEX. <sup>3</sup>					BOND YIELDS. <sup>4</sup>		NEW MUNICIPAL BOND ISSUES. <sup>5</sup>		NEW YORK STOCK EXCHANGE SALES.			
	25 industrials.	25 railroads.	10 highest grade rails.	10 second-grade rails.	10 public utility bonds.	10 industrial bonds.	Combined index (40 bonds).	Municipal bonds.	Permanent loans (long term).	Temporary loans (short term).	Stocks (shares).	Miscellaneous bonds.	Liberty, Victory bonds.	Total bonds.	
	Relative to 1913.		Relative to 1915.					Relative to 1913.			Relative to 1919.				
1913 monthly average	<b>100</b>	<b>100</b>						<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	58		13	
1914 monthly average	100	93						93	109	59	53	80		18	
1915 monthly average	129	88	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	95	121	32	209	112		26	
1916 monthly average	170	96	103	103	105	108	105	91	122	61	280	132		31	
1917 monthly average	147	83	97	96	98	101	98	96	109	81	222	87	17	28	
1918 monthly average	139	74	89	88	87	98	91	103	64	98	173	67	49	53	
1919 monthly average	182	75	87	88	84	100	90	101	189	93	377	<b>100</b>	<b>100</b>	<b>100</b>	
1920 monthly average	184	67	79	77	70	85	78	112	189	137	270	124	99	105	
1921 monthly average	136	64	83	81	73	78	78	114	348	158	207	162	73	94	
<b>1920.</b>															
September	181	71	81	79	68	82	77	118	206	138	221	156	72	91	
October	177	74	84	83	74	85	81	116	184	190	197	177	85	106	
November	154	70	82	80	72	83	79	114	190	130	320	158	87	103	
December	144	64	79	77	68	79	75	112	240	134	344	199	171	178	
<b>1921.</b>															
January	148	65	83	81	70	83	79	114	224	150	231	157	77	95	
February	148	65	82	79	71	84	78	113	219	102	147	100	63	71	
March	144	63	81	78	71	80	77	114	189	261	230	122	57	72	
April	146	62	81	78	72	80	77	115	281	310	221	129	57	74	
May	147	65	80	79	72	80	77	115	226	173	254	159	54	78	
June	125	62	78	77	70	77	75	116	373	112	262	129	92	101	
July	125	64	81	79	72	70	77	118	320	107	134	154	60	82	
August	121	64	82	81	73	76	78	118	355	102	159	141	54	74	
September	127	65	83	83	75	77	79	117	312	183	185	168	87	106	
October	130	64	83	83	75	73	78	115	371	148	186	166	92	109	
November	136	65	88	87	77	79	81	112	381	115	221	257	91	129	
December	140	66	91	80	80	77	84	101	921	127	255	265	93	132	
<b>1922.</b>															
January	143	65	93	91	83	102	91	98	226	33	222	268	97	136	
February	149	68	92	91	84	102	92	99	256	120	234	263	52	100	
March	153	70	93	93	88	102	94	99	366	162	328	333	76	136	
April	163	74	94	96	90	104	96	98	432	12	440	371	77	145	
May	166	76	94	96	93	106	97	93	364	37	418	322	61	122	
June	166	74	95	95	92	105	97	94	497	48	347	277	53	105	
July	170	77	98	97	93	106	98	94	349	61	219	265	48	98	
August	178	82	99	99	95	107	100	94	242	48	258	312	38	101	
September	184	83	99	99	97	108	101	93	347	108	314	285	38	95	
October								92							
November															
December															

See footnotes on opposite page.

## STOCKS AND BONDS.

Table 109.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	STOCK PRICES. <sup>2</sup>		BOND PRICE INDEX. <sup>3</sup>					BOND YIELDS. <sup>4</sup>	NEW MUNICIPAL BOND ISSUES. <sup>5</sup>		NEW YORK STOCK EXCHANGE SALES.			
	25 industrials.	25 railroads.	10 highest grade rails.	10 second grade rails.	10 public utility bonds.	10 industrial bonds.	Combined index (40 bonds).	Municipal bonds.	Permanent loans (long term).	Temporary loans (short term).	Stocks.	Miscellaneous bonds.	Liberty and Victory bonds.	Total bonds.
	Dollars per share.		Per cent of par value of 4% bond.					Per cent.	Thousands of dollars.		Thousands of shares.	Thousands of dollars, par value.		
1913 monthly average...	<b>\$58.19</b>	<b>\$82.97</b>	.....	.....	.....	.....	.....	<b>4.45</b>	<b>\$34,049</b>	<b>\$40,268</b>	<b>6,924</b>	<b>\$41,499</b>	.....	<b>\$41,499</b>
1914 monthly average....	58.08	77.57	.....	.....	.....	.....	4.16	37,159	23,838	3,992	56,959	.....	56,959	
1915 monthly average....	75.35	73.155	<b>89.79</b>	<b>75.55</b>	<b>73.82</b>	<b>70.51</b>	<b>76.76</b>	4.23	41,049	12,894	14,448	79,623	.....	79,623
1916 monthly average....	99.11	80.05	92.45	78.00	77.59	75.89	80.49	4.06	41,450	24,367	19,404	94,199	.....	94,199
1917 monthly average....	85.44	69.12	87.43	72.42	72.36	71.35	75.58	4.26	37,078	32,704	15,378	61,866	<b>\$40,842</b>	85,690
1918 monthly average....	80.98	61.34	80.02	66.12	63.89	69.36	69.84	4.60	21,902	39,428	11,948	47,544	117,059	164,603
1919 monthly average....	105.77	62.06	77.89	66.33	61.77	70.76	69.07	4.49	64,183	37,508	26,073	<b>71,322</b>	<b>236,814</b>	<b>308,136</b>
1920 monthly average....	107.21	55.94	71.33	58.54	51.99	60.12	59.70	5.00	64,472	55,341	18,728	88,563	235,406	323,969
1921 monthly average....	79.38	53.21	74.39	61.43	53.92	55.28	60.15	5.08	118,385	63,503	14,334	115,686	173,129	288,816
<b>1920.</b>														
September.....	105.06	58.50	72.77	59.66	50.18	58.03	59.12	5.27	70,713	55,763	15,317	111,564	170,189	281,753
October.....	102.94	61.48	75.03	62.75	54.30	59.66	62.07	5.18	62,592	76,592	13,614	126,344	201,231	327,575
November.....	89.89	57.99	73.86	60.68	52.83	58.61	60.64	5.06	64,613	52,318	22,157	112,862	205,402	318,264
December.....	83.83	53.02	71.35	57.82	49.88	55.73	57.72	4.97	81,557	53,997	23,829	141,612	405,539	547,151
<b>1921.</b>														
January.....	86.03	53.87	74.92	60.89	51.41	58.81	60.41	5.06	76,181	60,586	15,976	112,065	181,421	293,486
February.....	86.13	53.84	73.81	59.91	52.09	58.98	60.25	5.05	74,450	41,270	10,147	71,300	149,014	220,314
March.....	83.83	52.03	73.14	59.13	52.19	56.13	59.21	5.07	64,388	105,252	15,907	87,072	135,918	222,990
April.....	84.73	51.59	72.52	59.13	52.85	56.42	59.39	5.11	95,550	124,930	15,273	92,283	135,429	227,712
May.....	85.53	53.59	72.25	59.84	52.88	56.16	59.46	5.12	76,961	70,007	17,601	113,177	128,023	241,200
June.....	72.71	51.18	70.31	58.17	51.67	54.06	57.75	5.18	126,931	45,482	18,174	92,132	217,741	309,873
July.....	72.95	53.28	72.56	60.06	53.04	53.66	58.89	5.26	109,040	42,930	9,295	109,535	143,182	252,717
August.....	70.22	52.98	73.66	61.08	53.87	53.69	59.59	5.24	121,027	41,249	10,992	100,246	127,718	227,964
September.....	74.10	54.10	74.72	62.75	55.10	54.41	60.74	5.22	106,270	73,529	12,807	119,819	207,123	326,942
October.....	75.43	53.51	74.52	62.83	55.63	51.16	59.83	5.13	126,380	59,543	12,883	118,408	218,018	336,426
November.....	79.14	54.19	78.59	65.80	57.18	55.69	62.13	5.00	129,692	46,184	15,332	183,320	214,625	397,945
December.....	81.73	54.40	81.62	67.59	59.12	54.22	64.10	4.50	313,746	51,075	17,622	188,880	219,342	408,222
<b>1922.</b>														
January.....	82.99	54.21	83.23	68.46	61.07	71.63	70.22	4.38	77,117	13,228	15,394	191,216	228,613	419,829
February.....	86.47	56.57	82.95	68.47	62.34	72.07	70.71	4.41	87,200	48,157	16,185	187,368	121,981	309,349
March.....	89.20	57.98	83.33	70.06	64.65	71.80	71.85	4.39	124,759	65,231	22,734	237,852	180,639	418,491
April.....	94.59	61.62	84.60	72.20	66.58	73.59	73.69	4.35	146,950	4,940	30,468	264,341	182,582	446,923
May.....	96.84	62.92	84.80	72.83	68.65	74.42	74.72	4.15	124,013	14,720	28,911	229,460	144,967	374,427
June.....	96.69	61.49	85.29	71.89	67.92	74.10	74.28	4.18	169,241	19,245	24,036	197,772	126,121	323,893
July.....	99.06	63.72	88.09	73.18	68.47	74.64	75.44	4.18	118,673	24,511	15,149	188,691	114,284	302,975
August.....	103.68	67.64	89.01	75.05	69.83	75.73	76.80	4.19	82,502	19,333	17,850	222,863	89,855	312,718
September.....	107.02	68.70	89.29	74.89	71.59	76.28	77.47	4.15	118,049	43,650	21,775	203,184	88,909	292,093
October.....	.....	.....	.....	.....	.....	.....	.....	4.09	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Bond price index and sales from *Dow, Jones & Co.*; municipal bond yields and new issues from *The Bond Buyer*; and stock prices and sales from the *Analyst*.<sup>2</sup> Prices are averages, as taken at the end of each week, of the closing prices for these stocks on New York Stock Exchange.<sup>3</sup> These indices 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 index.<sup>4</sup> Average market yield of bonds of 20 large cities at the first of each month.<sup>5</sup> Sales by states and municipalities of new bond issues.

## BUSINESS EARNINGS.

Table 110.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	BUSINESS FAILURES.		CORPORATION FINANCES.							TELEPHONE EARNINGS.		TELEGRAPH EARNINGS.		
	Firms.	Liabilities.	Dividend payments. <sup>3</sup>				Total dividend and interest payments.	New capital issues.	New incorporations. <sup>2</sup>	Total operating revenues.	Net operating income.	Commercial telegraph tolls.	Telegraph and cable operating revenue.	Operating income.
			Total. <sup>4</sup>	Industrial and miscellaneous companies.	Steam railroads.	Street railroads.								
	Relative to 1913.											Relative to 1919.		
1913 mo. av.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			
1914 mo. av.....	114	131	98	95	99	109	101	87	70	104	100			
1915 mo. av.....	138	111	95	94	95	105	105	87	96	111	112			
1916 mo. av.....	106	72	111	117	106	123	120	133	161	125	129			
1917 mo. av.....	86	67	129	147	105	132	134	93	217	142	127	78	76	105
1918 mo. av.....	62	60	122	140	98	129	153	82	106	154	125	83	84	78
1919 mo. av.....	40	42	114	125	96	122	179	184	613	188	138	<b>100</b>	<b>100</b>	<b>100</b>
1920 mo. av.....	55	108	115	130	96	124	192	189	725	231	146	120	116	88
1921 mo. av.....	123	230	110	118	94	121	200	160	385	276	204	106	103	77
<b>1920.</b>														
September.....	51	130	86	109	61	67	160	106	552	250	155	124	119	86
October.....	69	171	115	173	95	180	253	247	685	253	155	122	121	91
November.....	79	135	98	83	125	113	168	129	520	243	148	110	111	63
December.....	114	259	96	134	51	64	221	173	500	251	162	113	112	68
<b>1921.</b>														
January.....	142	229	164	159	101	283	244	188	722	262	173	108	104	42
February.....	123	268	108	108	113	131	112	218	380	253	181	98	94	37
March.....	100	297	113	123	115	64	188	101	554	271	213	112	107	93
April.....	111	170	127	149	93	162	238	285	573	277	232	103	101	75
May.....	101	251	75	70	83	95	161	130	349	278	223	107	102	76
June.....	99	152	87	97	86	49	197	131	392	280	218	109	105	88
July.....	108	188	146	140	113	181	230	124	164	275	184	103	99	50
August.....	117	189	109	111	118	84	117	101	337	278	193	108	105	78
September.....	110	163	80	99	60	64	160	150	284	275	219	110	107	112
October.....	128	234	131	155	93	175	241	75	292	289	220	110	108	86
November.....	149	235	89	79	107	106	167	187	214	287	220	99	98	80
December.....	183	385	91	126	50	63	218	232	359	288	172	104	104	111
<b>1922.</b>														
January.....	204	325	154	144	99	289	243	153	490	291	220	98	95	64
February.....	174	320	106	103	111	124	115	148	343	282	218	91	88	54
March.....	184	315	110	117	114	62	189	207	425	300	244	107	102	100
April.....	162	322	124	145	92	161	232	325	460	305	250	102	97	78
May.....	147	195	73	67	82	93	164	292	545	305	243	113	108	123
June.....	130	168	84	78	83	43	194	240	173	307	246	115	109	128
July.....	131	176	141	134	111	167	232	166	368	304	217	108	103	83
August.....	128	177	106	108	117	80	120	162	375	309	231	120	113	119
September.....	117	162	79	97	60	62	163	201	377					
October.....			131	155	93	176	241							
November.....														
December.....														

See footnotes on opposite page.

## BUSINESS EARNINGS.

Table 111.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	BUSINESS FAILURES.		CORPORATION FINANCES.							TELEPHONE EARNINGS.		TELEGRAPH EARNINGS.		
	Total commercial.	Liabilities.	Dividend Payments. <sup>3</sup>				Total dividend and interest payments.	New capital issues.	New incorporations. <sup>2</sup>	Total operating revenues.	Net operating income.	Commercial telegraph tolls.	Telegraph and cable operating revenue.	Operating income.
			Total. <sup>4</sup>	Industrial and miscellaneous companies.	Steam railroads.	Street railways.								
	Number of firms.	Thousands of dollars.												
1913 mo. av. ....	1,336	\$22,723	\$69,838	\$38,527	\$24,733	\$4,906	\$148,103	\$137,145	\$172,301	\$13,132	\$3,710			
1914 mo. av. ....	1,523	29,826	68,481	36,530	24,549	5,368	148,948	119,710	120,306	13,722	3,709			
1915 mo. av. ....	1,846	25,191	66,019	36,374	23,613	5,149	155,426	119,613	164,915	14,527	4,139			
1916 mo. av. ....	1,416	16,351	77,176	44,986	26,095	6,020	177,919	182,208	276,925	16,452	4,785			
1917 mo. av. ....	1,155	15,203	89,856	56,542	26,038	6,493	199,095	127,498	373,198	18,700	4,700	\$5,898	\$7,674	\$1,711
1918 mo. av. ....	834	13,585	85,184	53,788	24,135	6,318	227,061	112,068	183,275	20,225	4,649	6,287	8,477	1,282
1919 mo. av. ....	538	9,441	79,745	48,264	23,705	5,977	265,764	251,764	1,056,519	24,635	5,104	7,596	10,095	1,636
1920 mo. av. ....	740	24,593	80,248	50,140	23,832	6,074	284,573	258,886	1,249,920	30,320	5,415	9,113	11,698	1,438
1921 mo. av. ....	1,638	52,283	76,872	45,486	23,305	5,954	295,830	219,572	663,282	36,265	7,573	8,043	10,371	1,265
<b>1920.</b>														
September.....	677	29,554	60,376	42,101	14,995	3,271	237,252	145,023	950,953	32,888	5,768	9,452	12,010	1,399
October.....	923	38,915	80,072	66,761	23,501	8,810	374,059	338,793	1,179,801	33,123	5,759	9,285	12,167	1,496
November.....	1,050	30,758	68,250	31,810	30,889	5,550	249,216	176,700	895,563	31,933	5,501	8,331	11,199	1,034
December.....	1,525	58,872	67,179	51,544	12,516	3,119	326,979	237,208	860,803	32,903	5,983	8,546	11,311	1,112
<b>1921.</b>														
January.....	1,895	52,137	114,350	61,450	24,900	13,900	361,070	257,423	1,243,460	34,394	6,434	8,183	10,480	689
February.....	1,641	60,852	75,720	41,450	27,850	6,420	165,220	298,708	654,376	33,206	6,706	7,412	9,457	599
March.....	1,336	67,409	78,956	47,301	28,505	3,150	277,846	138,701	954,700	35,650	7,896	8,535	10,772	1,524
April.....	1,487	38,568	88,486	57,501	22,950	7,925	351,981	390,668	987,895	36,398	8,599	7,823	10,163	1,228
May.....	1,356	57,066	52,251	27,100	20,500	4,650	238,031	177,638	601,044	36,560	8,275	8,123	10,315	1,251
June.....	1,320	34,639	60,811	37,250	21,151	2,401	292,168	179,114	675,978	36,743	8,084	8,283	10,601	1,434
July.....	1,444	42,774	102,303	54,100	28,003	8,900	340,166	170,474	281,759	36,160	6,829	7,805	9,989	816
August.....	1,562	42,904	76,160	42,950	29,110	4,100	173,802	138,929	580,141	36,566	7,178	8,239	10,615	1,270
September.....	1,466	37,021	56,201	38,150	14,901	3,150	236,500	205,792	489,846	36,067	8,132	8,333	10,812	1,835
October.....	1,713	53,959	91,445	59,850	23,000	8,595	356,779	103,149	503,394	37,905	8,168	8,371	10,913	1,409
November.....	1,988	53,470	62,301	30,600	26,500	5,201	247,877	255,938	367,956	37,657	8,172	7,526	9,857	1,311
December.....	2,444	87,502	63,797	48,401	12,300	3,096	322,497	318,335	618,572	37,871	6,398	7,884	10,486	1,815
<b>1922.</b>														
January.....	2,723	73,796	107,700	55,300	24,500	14,200	359,800	209,662	843,653	38,183	8,149	7,451	9,586	1,042
February.....	2,331	72,608	73,715	39,715	27,390	6,100	169,815	202,749	591,404	36,998	8,073	6,950	8,932	883
March.....	2,463	71,608	76,501	45,150	28,301	3,050	280,600	283,724	731,866	39,393	9,070	8,117	10,302	1,643
April.....	2,167	73,059	86,651	55,900	22,850	7,901	342,881	445,196	792,372	40,058	9,272	7,766	9,808	1,275
May.....	1,960	44,403	50,851	25,900	20,401	4,551	242,451	400,700	938,195	40,059	9,013	8,620	10,882	2,008
June.....	1,740	38,242	58,751	30,050	20,600	2,101	288,951	329,304	297,557	40,252	9,137	8,744	10,967	2,101
July.....	1,753	40,010	98,210	51,760	27,450	8,200	344,210	227,976	634,259	39,889	8,055	8,198	10,363	1,364
August.....	1,714	40,280	74,300	41,525	28,850	3,925	178,100	222,612	646,605	40,572	8,585	9,079	11,381	1,944
September.....	1,566	36,908	55,175	37,400	14,750	3,025	242,075	276,320	650,044					
October.....			91,370	59,790	22,950	8,630	356,570							
November.....														
December.....														

<sup>1</sup> Except telephone earnings, which are combined reports of 10 largest telephone companies, and telegraph earnings, which are combined reports of the Western Union and Postal Telegraph Companies, as reported to the *Interstate Commerce Commission*. Business failures are from *Dun's Review*; Dividend and interest payments, New capital issues, and New incorporations from the *New York Journal of Commerce*.

<sup>2</sup> Represents the value of the authorized capital of new enterprises incorporated in the principal eastern states.

<sup>3</sup> Monthly data for the period 1913-1921 will be found in the October SURVEY (No. 14), page 46.

<sup>4</sup> Includes bank dividends not separately shown for those months where such payments are reported. The total interest payments may be obtained by subtracting total dividend payments from total interest and dividend payments, monthly data of which for the period 1913-1921 were published in the September SURVEY (No. 13), p. 51. It is to be noted that the total dividend and interest payments for July, 1918, should be stated as \$333,011,000, instead of \$633,011,000.

## CORPORATION STOCKHOLDERS.

Table 112.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Data from commercial and trade sources.<sup>1</sup>

[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.		Percentage of shares held by brokers.	Stockholders.		Stockholders.		Stockholders.		Percentage of shares held by brokers.	Stockholders.	
	Domestic.	Foreign.	Domestic.	Foreign.		Domestic.	Foreign.	Domestic.	Foreign.	Domestic.	Foreign.		Domestic.	Foreign.
	Relative to 1913.							Number.					Number.	
	A.—INDEX NUMBERS.							B.—NUMERICAL DATA.						
1913 quarterly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>72,714</b>	<b>11,258</b>	<b>41,436</b>	<b>1,529</b>	<b>51.48</b>	<b>53,205</b>	<b>1,041</b>
1914 quarterly average.....	108	105	115	111	91	107	113	78,682	11,839	47,777	1,697	46.73	56,932	1,175
1915 quarterly average.....	112	105	<sup>2</sup> 101	<sup>2</sup> 129	89	117	122	81,603	11,816	<sup>2</sup> 42,020	<sup>2</sup> 1,980	45.87	62,279	1,270
1916 quarterly average.....	117	61	95	61	107	127	114	85,343	6,884	39,365	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	180	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	247	122	126,424	1,500	88,085	1,300	30.35	131,643	1,267
1921 quarterly average.....	190	15	252	88	44	308	193	138,450	1,743	104,621	1,341	22.45	163,753	2,013
<b>1920.</b>														
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	32.09	131,558	1,173
September.....	176	13	216	84	60	252	113	127,768	1,472	89,665	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
<b>1921.</b>														
March.....	188	13	249	84	47	272	170	137,007	1,386	103,093	1,283	24.27	144,716	1,774
June.....	192	12	251	87	44	289	188	139,702	1,373	103,976	1,334	22.61	153,649	1,953
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	2,180
<b>1922.</b>														
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	2,888	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.....														

<sup>1</sup> 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 Dec. 31 or Jan. 1.

<sup>2</sup> Dec. 31 figures; other quarters of 1915 not available.

## CREDIT CONDITIONS.

Table 113.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from commercial and trade sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	PAYMENTS.													
	United States average.	Pacific Coast. <sup>2</sup>	Mountain Section. <sup>3</sup>	North Agricultural. <sup>4</sup>	Middle Agricultural. <sup>5</sup>	South Agricultural. <sup>6</sup>	East. <sup>7</sup>	United States average.	Pacific Coast. <sup>2</sup>	Mountain Section. <sup>3</sup>	North Agricultural. <sup>4</sup>	Middle Agricultural. <sup>5</sup>	South Agricultural. <sup>6</sup>	East. <sup>7</sup>
	Relative to 1916.							Percentage of total recorded transactions.						
	A.—INDEX NUMBERS.							B.—NUMERICAL DATA.						
1916 mo. av.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>55.0</b>	<b>56.6</b>	<b>58.2</b>	<b>55.4</b>	<b>58.0</b>	<b>49.5</b>	<b>57.2</b>
1917 mo. av.....	105	99	107	103	113	106	102	57.5	56.2	62.2	57.1	65.8	52.6	58.6
1918 mo. av.....	106	103	101	102	106	112	102	58.4	58.4	58.9	56.7	61.6	55.5	58.5
1919 mo. av.....	110	110	103	108	111	115	108	60.7	62.5	59.9	60.0	64.5	56.8	61.6
1920 mo. av.....	108	112	103	106	107	112	107	59.4	63.3	60.1	58.8	62.3	55.2	61.1
1921 mo. av.....	97	105	93	96	99	98	98	53.3	59.2	54.2	53.4	57.5	48.4	56.0
<b>1920.</b>														
September.....	104	111	96	105	102	104	107	57.2	63.1	55.6	58.2	59.3	51.3	61.2
October.....	103	108	96	108	103	109	100	56.9	61.3	55.6	59.8	60.0	53.9	57.3
November.....	97	105	97	84	99	100	95	53.3	59.4	56.4	46.4	57.7	49.3	54.2
December.....	96	101	92	94	93	95	99	52.8	56.9	53.7	51.9	54.0	47.2	56.8
<b>1921.</b>														
January.....	95	107	93	96	100	93	91	52.5	60.8	54.3	53.3	57.8	46.1	52.3
February.....	100	116	86	100	101	103	100	55.2	65.5	50.3	55.3	58.7	51.2	57.0
March.....	104	111	99	98	104	107	109	57.4	62.6	57.8	54.4	60.2	52.9	62.1
April.....	99	104	97	90	105	101	101	54.4	58.6	56.2	49.8	61.0	50.2	57.9
May.....	100	102	89	106	101	99	100	55.0	57.8	51.6	58.6	58.6	49.2	57.4
June.....	100	102	101	93	102	102	100	54.9	57.6	58.9	51.4	59.2	50.6	57.1
July.....	102	107	95	103	104	101	105	55.9	60.6	55.3	57.1	60.1	49.8	60.2
August.....	99	108	100	97	99	97	102	54.3	61.2	58.4	53.5	57.6	48.2	58.5
September.....	94	96	91	89	94	96	98	51.8	54.6	53.1	49.4	54.3	47.5	56.0
October.....	89	94	94	103	93	92	87	49.2	53.1	54.6	56.9	54.2	45.7	49.5
November.....	90	103	88	90	95	89	91	49.3	58.1	51.0	50.0	55.0	44.0	51.9
December.....	91	107	83	93	92	92	92	50.3	60.7	48.4	51.5	53.1	45.6	52.8
<b>1922.</b>														
January.....	91	93	83	97	91	92	92	50.1	52.7	48.2	53.6	52.7	45.3	52.9
February.....	87	89	83	83	87	85	94	48.1	50.2	48.1	46.2	50.3	42.2	54.0
March.....	90	97	100	88	91	90	93	49.7	55.0	58.1	48.6	52.8	44.6	53.1
April.....	84	85	82	87	88	83	85	46.4	48.2	47.7	48.0	50.9	41.2	48.5
May.....	90	95	83	89	91	92	89	49.6	53.7	48.5	49.4	53.0	45.6	50.7
June.....	88	93	88	94	85	89	92	48.5	52.5	51.2	51.9	49.5	44.3	52.5
July.....	84	90	71	77	86	81	90	46.0	51.2	41.5	42.8	49.8	40.1	51.5
August.....	82	86	60	71	78	84	93	45.2	48.6	35.1	39.1	45.4	41.6	53.2
September.....	83	76	82	80	74	87	92	45.8	42.9	48.0	44.1	42.8	43.1	52.8
October.....														
November.....														
December.....														

<sup>1</sup> Compiled by the *Credit Clearing House* from reports to it by manufacturers and wholesalers on items of credit facts from their ledgers concerning merchants or jobbers to whom they sell. The numerical data given above show the percentage which the number of payment items reported bears to the total number of transactions reported. The commodities covered by these transactions are largely textile. The year 1916 is taken as a base, as payments were abnormally high in 1919.

<sup>2</sup> California, Oregon, and Washington.

<sup>3</sup> Arizona, New Mexico, Colorado, Utah, Nevada, Idaho, and Wyoming.

<sup>4</sup> Montana, North and South Dakota, Minnesota, and Wisconsin.

<sup>5</sup> Kansas, Nebraska, Iowa, Missouri, Illinois, Indiana, Kentucky, and Ohio.

<sup>6</sup> Texas, Oklahoma, Arkansas, Louisiana, Mississippi, Alabama, Tennessee, Georgia, Florida, North and South Carolina.

<sup>7</sup> States east of and including Pennsylvania, West Virginia, and Virginia.

## CREDIT CONDITIONS.

Table 114.—INDEX NUMBERS.

Based on data from commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	ORDERS.							INDEBTEDNESS.						
	United States average.	Pacific Coast. <sup>2</sup>	Mountain Section. <sup>3</sup>	North Agricultural. <sup>4</sup>	Middle Agricultural. <sup>5</sup>	South Agricultural. <sup>6</sup>	East. <sup>7</sup>	United States average.	Pacific Coast. <sup>2</sup>	Mountain Section. <sup>3</sup>	North Agricultural. <sup>4</sup>	Middle Agricultural. <sup>5</sup>	South Agricultural. <sup>6</sup>	East. <sup>7</sup>
	Relative to 1916.													
1916 mo. av.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1917 mo. av.....	101	100	105	98	101	99	104	93	98	96	93	94	94	92
1918 mo. av.....	102	94	97	109	106	99	106	91	89	98	90	94	92	85
1919 mo. av.....	103	94	100	106	108	102	104	88	81	90	91	90	87	81
1920 mo. av.....	101	94	94	102	110	99	103	93	94	101	89	94	94	89
1921 mo. av.....	89	78	82	92	94	90	87	94	91	98	92	94	93	94
<b>1920.</b>														
September.....	108	98	96	113	115	106	109	93	102	113	89	96	93	85
October.....	106	90	97	106	110	106	109	100	99	100	98	99	104	91
November.....	95	83	82	90	98	99	99	104	96	112	99	104	106	100
December.....	74	73	69	77	85	71	67	108	104	114	102	107	108	108
<b>1921.</b>														
January.....	63	59	58	81	71	58	59	97	82	91	85	93	103	96
February.....	88	73	83	94	93	88	90	81	66	96	76	74	84	84
March.....	86	72	81	93	92	84	87	79	80	79	76	78	82	77
April.....	84	80	68	85	92	82	86	93	80	88	94	92	91	93
May.....	82	70	82	78	88	84	83	99	92	105	97	100	96	99
June.....	91	82	78	91	95	88	95	94	98	101	96	95	92	95
July.....	99	96	89	112	105	95	101	92	80	93	87	91	94	91
August.....	99	92	89	109	104	98	97	89	84	90	90	92	88	87
September.....	98	82	90	91	103	102	94	94	92	107	87	95	90	92
October.....	98	80	97	91	100	107	86	101	111	111	96	103	94	107
November.....	89	67	79	89	94	99	76	105	104	106	111	107	103	102
December.....	93	89	88	96	96	95	90	109	117	110	108	113	105	107
<b>1922.</b>														
January.....	92	88	88	94	103	91	88	109	117	114	99	108	111	106
February.....	93	93	90	102	106	90	86	102	100	117	95	98	106	99
March.....	97	99	93	111	113	94	89	98	105	101	95	95	100	95
April.....	90	87	75	94	99	91	86	108	114	126	104	110	105	107
May.....	87	85	77	96	82	97	83	115	118	121	97	121	110	115
June.....	96	92	88	105	108	96	83	111	102	109	114	110	107	114
July.....	101	105	89	117	118	101	89	110	119	110	114	106	106	112
August.....	109	115	99	126	125	109	96	110	109	125	116	110	105	111
September.....	107	106	97	113	114	108	103	112	121	123	121	117	106	108
October.....														
November.....														
December.....														

See footnotes on opposite page, except boundaries of districts, on page 159.



## CREDIT CONDITIONS.

Table 115.—NUMERICAL DATA.

From commercial and trade sources.<sup>1</sup>

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

YEAR AND MONTH.	ORDERS.							INDEBTEDNESS.						
	United States average.	Pacific Coast. <sup>2</sup>	Mountain Section. <sup>3</sup>	North Agricultural. <sup>4</sup>	Middle Agricultural. <sup>5</sup>	South Agricultural. <sup>6</sup>	East. <sup>7</sup>	United States average.	Pacific Coast. <sup>2</sup>	Mountain Section. <sup>3</sup>	North Agricultural. <sup>4</sup>	Middle Agricultural. <sup>5</sup>	South Agricultural. <sup>6</sup>	East. <sup>7</sup>
	Percentage of total recorded transactions.													
1916 mo. av.....	<b>27.6</b>	<b>33.2</b>	<b>30.6</b>	<b>25.8</b>	<b>27.2</b>	<b>27.7</b>	<b>26.3</b>	<b>38.8</b>	<b>34.2</b>	<b>34.5</b>	<b>38.8</b>	<b>37.8</b>	<b>40.6</b>	<b>39.3</b>
1917 mo. av.....	28.0	33.1	32.2	25.4	27.5	27.4	27.4	36.2	33.6	33.0	36.1	35.7	38.1	36.2
1918 mo. av.....	28.2	31.3	29.7	28.0	28.7	27.5	28.0	35.2	30.6	33.7	35.0	35.4	37.4	33.5
1919 mo. av.....	28.3	31.3	30.5	27.3	29.3	28.2	27.4	34.1	27.6	30.9	35.5	34.1	35.5	31.7
1920 mo. av.....	28.0	31.2	28.8	26.3	29.8	27.4	27.2	36.2	32.1	34.7	34.7	35.4	38.1	34.9
1921 mo. av.....	24.6	25.8	25.0	23.8	25.6	24.9	22.9	36.6	31.0	33.9	35.6	35.7	37.9	37.1
<b>1920.</b>														
September.....	29.7	32.6	29.3	29.2	31.2	29.5	28.6	36.2	34.9	39.0	34.7	36.1	37.9	33.6
October.....	29.2	30.0	29.6	27.3	29.9	29.5	28.7	38.7	33.8	34.5	38.1	37.6	42.1	35.7
November.....	26.3	27.5	25.0	23.2	26.6	27.5	26.1	40.2	32.9	38.5	38.5	39.2	42.9	39.4
December.....	20.3	25.1	21.0	19.8	23.2	19.7	17.7	41.9	35.6	39.2	39.4	40.5	43.9	42.6
<b>1921.</b>														
January.....	17.5	19.5	17.7	20.8	19.3	16.0	15.6	37.8	27.9	31.3	32.8	35.2	41.9	37.9
February.....	24.4	24.3	25.4	24.2	25.2	24.3	23.8	31.6	22.7	33.1	29.4	28.1	34.3	33.1
March.....	23.8	23.8	24.7	23.9	24.9	23.3	23.0	30.6	27.3	27.4	29.4	29.4	33.2	30.1
April.....	23.3	26.4	20.8	22.0	25.1	22.6	22.6	35.9	27.2	30.5	36.5	34.7	36.9	36.5
May.....	22.7	23.4	25.0	20.0	23.8	23.2	21.9	38.3	31.6	36.2	37.8	37.7	38.9	39.1
June.....	25.0	27.3	23.8	23.4	25.8	24.5	25.1	36.5	33.6	34.9	37.3	36.0	37.3	37.2
July.....	27.4	31.9	27.2	29.0	28.5	26.3	26.6	35.8	27.3	32.0	33.7	34.5	38.2	35.9
August.....	27.2	30.4	27.3	28.1	28.3	27.2	25.4	34.5	28.8	30.9	34.8	34.7	35.6	34.3
September.....	27.0	27.2	27.4	23.4	27.9	28.3	24.6	36.3	31.5	36.9	33.6	35.8	36.7	36.0
October.....	27.1	26.4	29.7	23.6	27.1	29.6	22.7	39.2	38.1	38.4	37.1	39.1	38.0	42.1
November.....	24.6	22.4	24.1	22.9	25.5	27.3	20.1	40.9	35.7	36.6	43.0	40.5	42.0	40.2
December.....	25.5	27.6	26.8	24.7	26.0	26.3	23.6	42.2	39.9	38.0	41.8	42.7	42.5	42.2
<b>1922.</b>														
January.....	25.4	29.3	26.9	24.2	27.9	25.3	23.1	42.3	40.0	39.2	38.4	41.0	45.1	41.5
February.....	25.6	31.0	27.4	26.2	28.9	24.8	22.7	39.7	34.1	40.5	36.8	37.2	43.0	38.9
March.....	26.9	32.0	28.6	28.6	30.6	26.0	23.4	38.1	36.0	35.0	36.7	36.0	40.4	37.2
April.....	24.8	28.9	22.9	24.3	26.8	25.3	22.5	41.9	38.9	43.3	40.3	41.5	42.6	41.9
May.....	24.1	28.3	23.5	24.8	22.2	26.9	21.8	44.8	40.2	41.8	37.8	45.7	44.7	45.2
June.....	26.4	30.6	27.0	27.0	29.5	26.7	21.9	43.1	35.0	37.5	44.1	41.6	43.5	44.8
July.....	27.9	34.7	27.3	30.2	32.1	28.1	23.4	42.7	40.6	38.0	44.4	40.0	43.2	44.2
August.....	30.0	38.2	30.2	32.5	33.9	30.3	25.3	42.8	37.4	43.2	45.0	41.7	42.8	43.5
September.....	29.5	35.1	29.6	29.2	31.0	30.0	27.2	43.6	41.5	42.3	46.8	44.4	43.2	43.9
October.....														
November.....														
December.....														

<sup>1</sup> Compiled by the *Credit Clearing House* from reports to it by manufacturers and wholesalers on items of credit facts from their ledgers concerning merchants or jobbers to whom they sell. The numerical data given above show the percentage which the number of items reported relating to orders or to creation of indebtedness bears to the total number of transactions reported. As one transaction may cover both an order and an indebtedness or a payment, the sum of the percentages of orders, indebtedness, and payments will usually exceed 100 per cent. The commodities covered are largely textiles, and the individual orders are stated to average from \$250 to \$600, depending on trade conditions. 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.

For boundaries of districts see page 159.

## FOREIGN EXCHANGE.

Table 116.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	EUROPE.								ASIA.		THE AMERICAS.				INDEX NUMBER. <sup>3</sup>
	Eng-land.	France.	Italy.	Bel-gium.	Ger-many.	Nether-lands.	Swe-den.	Switz-erland.	Japan.	India. <sup>2</sup>	Can-ada.	Argen-tina.	Brazil.	Chile.	
	Relative to par.														
Par value.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 average.....	106	103	101	.....	.....	.....	.....	101	98	.....	.....	.....	.....	.....	.....
1915 average.....	98	94	87	.....	.....	.....	.....	97	99	.....	.....	98	72	.....	.....
1916 average.....	98	88	80	.....	.....	.....	.....	99	102	.....	.....	100	73	.....	.....
1917 average.....	98	90	71	.....	.....	.....	.....	109	103	.....	.....	103	77	.....	.....
1918 average.....	98	92	69	.....	.....	.....	.....	119	107	.....	.....	104	78	.....	.....
1919 average.....	91	71	59	66	13	97	95	98	103	83	96	103	82	115	88
1920 average.....	75	36	26	38	7	86	76	88	101	80	89	94	69	94	65
1921 average.....	79	39	22	38	5	84	84	90	97	54	81	76	40	62	62
<b>1920.</b>															
September.....	72	35	22	37	7	78	75	84	103	69	90	88	56	86	63
October.....	71	34	20	36	6	77	74	82	103	63	91	84	54	80	61
November.....	71	31	19	33	6	75	71	80	102	61	89	80	51	72	58
December.....	72	31	18	32	6	77	73	80	101	55	86	82	47	73	57
<b>1921.</b>															
January.....	77	33	18	35	7	82	80	81	98	59	88	82	47	73	60
February.....	80	37	19	39	7	85	83	85	98	57	88	83	48	74	62
March.....	80	36	20	38	7	86	85	89	97	53	88	81	47	76	62
April.....	81	38	24	39	7	86	88	90	97	54	89	77	43	66	63
May.....	82	43	27	43	7	88	88	93	97	54	90	74	42	61	66
June.....	78	42	26	42	6	83	84	88	96	50	89	72	36	56	63
July.....	75	40	23	40	5	79	79	86	96	47	88	68	32	53	62
August.....	75	40	22	39	5	77	79	87	97	50	90	69	36	52	60
September.....	77	38	22	37	4	79	81	89	97	54	90	72	38	55	60
October.....	79	38	21	37	3	83	85	94	96	56	91	76	39	60	61
November.....	82	37	21	36	2	87	87	97	96	55	92	76	39	56	61
December.....	86	40	23	39	2	91	91	101	96	56	93	78	39	55	64
<b>1922.</b>															
January.....	87	42	23	40	2	91	93	101	95	57	95	80	39	52	65
February.....	90	45	25	43	2	94	97	101	95	58	96	86	41	53	69
March.....	90	47	26	44	2	94	98	101	95	57	97	86	42	58	70
April.....	91	48	28	44	1	94	97	101	95	57	98	84	42	58	72
May.....	91	47	27	44	1	96	96	100	95	59	99	85	42	61	72
June.....	91	46	26	42	1	96	96	98	96	59	99	85	42	65	71
July.....	91	43	24	40	1	96	97	99	96	59	99	85	42	66	70
August.....	92	41	23	39	14	97	98	99	96	60	100	85	41	70	69
September.....	91	40	22	37	13	97	99	97	96	59	100	84	39	70	68
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page.

## FOREIGN EXCHANGE.

Table 117.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	EUROPE.								ASIA.		THE AMERICAS.			
	Eng-land.	France.	Italy.	Bel-gium.	Ger-many.	Nether-lands.	Sweden.	Switzer-land.	Japan.	India. <sup>2</sup>	Canada.	Argen-tina.	Brazil.	Chile.
	Rate per pound sterling.	Rate per franc.	Rate per lire.	Rate per franc.	Rate per mark.	Rate per guilder.	Rate per krone.	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.....	<b>\$4.87</b>	<b>\$0.193</b>	<b>\$0.193</b>	<b>\$0.193</b>	<b>\$0.238</b>	<b>\$0.402</b>	<b>\$0.268</b>	<b>\$0.193</b>	<b>\$0.499</b>	<b>\$0.487</b>	<b>\$1.000</b>	<b>\$0.965</b>	<b>\$0.324</b>	<b>\$0.195</b>
1914 average.....	5.14	.199	.195					.194	.491					
1915 average.....	4.78	.182	.169					.187	.495			.941	.234	
1916 average.....	4.76	.170	.155					.191	.507			.964	.236	
1917 average.....	4.76	.174	.137					.211	.513			.997	.249	
1918 average.....	4.76	.178	.134					.229	.533			.999	.253	
1919 average.....	4.43	.137	.114	.128	.030	.391	.255	.190	.512	.403	.956	.990	.267	.226
1920 average.....	3.66	.070	.050	.074	.018	.344	.205	.169	.504	.389	.893	.907	.225	.184
1921 average.....	3.85	.075	.043	.074	.011	.337	.226	.174	.483	.263	.812	.731	.131	.120
<b>1920.</b>														
September.....	3.51	.067	.043	.072	.017	.313	.202	.163	.514	.336	.904	.846	.183	.168
October.....	3.47	.065	.039	.069	.015	.309	.197	.159	.513	.306	.909	.814	.175	.156
November.....	3.44	.060	.036	.064	.013	.302	.191	.155	.508	.297	.893	.769	.166	.140
December.....	3.49	.059	.035	.062	.014	.310	.196	.154	.503	.269	.863	.787	.153	.142
<b>1921.</b>														
January.....	3.74	.064	.035	.068	.016	.329	.214	.157	.487	.286	.876	.794	.151	.143
February.....	3.88	.072	.036	.075	.016	.342	.223	.164	.487	.277	.881	.804	.156	.144
March.....	3.91	.070	.038	.074	.016	.344	.228	.171	.486	.260	.878	.782	.151	.148
April.....	3.93	.072	.046	.074	.016	.348	.236	.174	.485	.263	.891	.739	.140	.130
May.....	3.98	.084	.053	.084	.016	.356	.235	.179	.485	.265	.897	.718	.137	.119
June.....	3.78	.081	.050	.080	.014	.333	.226	.170	.480	.245	.888	.699	.116	.109
July.....	3.63	.078	.045	.076	.013	.318	.210	.165	.480	.231	.882	.658	.104	.104
August.....	3.65	.078	.043	.075	.012	.310	.211	.168	.484	.242	.898	.666	.118	.102
September.....	3.72	.073	.042	.072	.010	.317	.218	.172	.482	.264	.899	.696	.124	.107
October.....	3.87	.073	.040	.071	.007	.335	.229	.182	.477	.274	.914	.731	.127	.117
November.....	3.97	.072	.041	.069	.004	.350	.232	.188	.479	.269	.915	.735	.126	.110
December.....	4.16	.078	.044	.075	.005	.363	.245	.194	.479	.274	.928	.748	.127	.108
<b>1922.</b>														
January.....	4.22	.082	.044	.078	.005	.367	.249	.194	.476	.278	.948	.772	.126	.101
February.....	4.36	.087	.049	.083	.005	.376	.261	.195	.474	.281	.963	.826	.132	.104
March.....	4.38	.090	.051	.084	.004	.378	.267	.194	.473	.278	.969	.828	.137	.114
April.....	4.41	.092	.054	.085	.003	.379	.260	.194	.474	.278	.978	.807	.136	.113
May.....	4.45	.091	.053	.084	.003	.387	.258	.192	.474	.288	.988	.824	.137	.119
June.....	4.45	.088	.050	.082	.003	.387	.258	.190	.478	.289	.988	.819	.137	.126
July.....	4.45	.082	.046	.078	.002	.388	.259	.191	.478	.289	.989	.818	.136	.130
August.....	4.46	.080	.045	.075	.001	.388	.263	.190	.477	.290	.997	.821	.134	.137
September.....	4.43	.080	.043	.072	.001	.388	.265	.188	.481	.287	1.000	.811	.125	.137
October.....														
November.....														
December.....														

<sup>1</sup> 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 *Analyst*.

<sup>2</sup> Parity established October, 1920. Prior to that, par value of the rupee was 32.44 cents.

<sup>3</sup> 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 twelve 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.

<sup>4</sup> Average value of the paper peso in 1913.

## IMPORTS INTO THE UNITED STATES.

Table 118.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[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..	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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	78	3	109	112	169	167	216	455	193	184	261	133
1917 monthly average..	64	71	0	66	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	88	194	236	149	234	207	254	170	140
<b>1920.</b>													
September.....	126	106	63	88	151	325	456	377	1,074	380	321	214	243
October.....	122	101	52	95	148	308	605	287	703	369	258	35	223
November.....	114	101	49	115	118	313	532	243	380	358	189	152	215
December.....	94	103	37	102	85	275	503	217	444	266	144	175	178
<b>1921.</b>													
January.....	83	86	30	72	77	198	289	186	269	189	108	222	140
February.....	76	100	32	45	83	243	278	160	249	195	142	159	144
March.....	107	123	48	115	120	284	264	198	395	172	130	256	169
April.....	96	100	43	117	115	276	264	185	251	232	287	208	170
May.....	84	102	42	155	85	214	221	141	228	186	276	115	137
June.....	76	93	45	107	65	168	197	119	191	204	246	158	124
July.....	79	98	54	109	66	146	199	119	218	200	304	82	119
August.....	82	94	48	134	71	156	200	144	312	227	311	71	130
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	488	345	159
<b>1922.</b>													
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	56	121	112	221	239	200	285	265	360	217	169
June.....	106	87	63	104	120	223	259	170	370	306	435	<b>100</b>	174
July.....	104	78	63	112	123	237	284	181	386	252	246	185	169
August.....	117	116	70	87	139	243	272	166	372	329	465	194	188
September.....	113	96	70	95	141	164	237	167	394	244	326	95	153
October.....													
November.....													
December.....													

See footnotes on opposite page.

## IMPORTS INTO THE UNITED STATES.

Table 119.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type; index 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..	<b>\$72,056</b>	<b>\$11,578</b>	<b>\$15,351</b>	<b>\$4,610</b>	<b>\$22,663</b>	<b>\$32,485</b>	<b>\$11,844</b>	<b>\$16,522</b>	<b>\$2,131</b>	<b>\$26,344</b>	<b>\$8,245</b>	<b>\$1,978</b>	<b>\$149,383</b>
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	6,089	246,039
1918 monthly average..	26,510	4,959	26	2,028	12,385	81,218	37,641	50,911	19,032	86,837	25,162	7,126	252,601
1919 monthly average..	62,544	10,318	884	4,922	25,766	96,481	41,225	57,294	16,597	99,696	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	12,524	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	209,096
<b>1920.</b>													
September.....	91,041	12,325	9,645	4,035	34,277	105,548	53,977	62,355	22,883	100,119	26,437	4,227	363,290
October.....	87,797	11,749	7,923	4,365	33,613	100,163	71,619	47,379	14,971	97,157	21,240	700	333,196
November.....	82,035	11,712	7,558	5,320	26,824	101,828	63,013	40,127	8,098	94,205	15,566	3,015	321,209
December.....	67,432	11,896	5,666	4,688	19,335	89,222	59,581	35,884	9,454	70,061	11,864	3,457	266,057
<b>1921.</b>													
January.....	59,579	10,012	4,630	3,339	17,438	64,179	34,232	30,750	5,730	49,898	8,939	4,391	208,797
February.....	54,830	11,578	4,952	2,061	18,885	78,798	32,874	26,509	5,316	51,244	11,711	3,148	214,530
March.....	76,798	14,200	7,368	5,299	27,090	92,112	31,215	32,685	8,413	45,309	10,678	5,064	251,969
April.....	69,156	11,591	6,676	5,413	26,172	89,669	31,285	30,535	5,345	61,079	23,637	4,140	254,579
May.....	60,804	11,823	6,456	7,131	19,374	69,603	26,143	23,358	4,854	48,871	22,760	2,275	204,911
June.....	54,718	10,785	6,975	4,946	14,842	54,575	23,289	19,620	4,062	53,648	20,253	3,129	185,690
July.....	56,754	11,316	8,217	5,018	14,984	47,351	23,627	19,700	4,638	52,737	25,106	1,618	178,159
August.....	59,139	10,923	7,309	5,728	15,983	50,583	23,695	23,799	6,646	59,849	25,646	1,399	194,769
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	188,008
November.....	70,254	13,930	5,914	5,607	21,888	56,317	28,767	26,717	4,803	53,345	22,519	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	237,495
<b>1922.</b>													
January.....	68,113	10,654	7,224	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	26,499	57,701	20,137	25,114	6,193	55,146	22,406	6,291	215,743
March.....	85,796	13,025	9,633	5,501	33,362	73,235	25,937	23,745	4,727	63,057	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	9,595	4,791	27,141	72,322	30,733	29,158	7,891	80,535	35,825	1,975	260,461
July.....	73,095	9,059	9,598	5,155	27,938	76,935	33,682	29,964	8,234	66,479	20,261	3,655	252,128
August.....	84,627	13,390	10,737	4,017	31,486	78,849	32,185	27,389	7,920	86,713	38,362	3,835	281,413
September <sup>2</sup> .....	81,682	11,146	10,683	4,395	31,851	53,191	28,081	27,646	8,405	64,402	26,870	1,875	228,795
October.....													
November.....													
December.....													

<sup>1</sup> 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 merchant case 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.)

<sup>2</sup> Figures for September, 1922, include only the first 21 days of September, during which the old tariff law was in force.

## EXPORTS FROM THE UNITED STATES.

Table 120.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

[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..	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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	123	143
1916 monthly average..	254	559	1	386	319	154	150	150	140	226	175	187	221
1917 monthly average..	271	611	(*)	533	340	210	206	213	195	263	298	178	251
1918 monthly average..	257	605	(*)	626	349	220	220	207	191	290	438	205	248
1919 monthly average..	346	580	26	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
<b>1920.</b>													
September.....	251	368	68	448	289	336	260	446	475	353	190	317	292
October.....	339	617	111	544	326	358	258	490	477	414	232	710	363
November.....	286	460	120	412	254	339	206	535	568	398	173	639	327
December.....	311	296	199	487	282	323	184	551	506	499	352	688	348
<b>1921.</b>													
January.....	260	279	166	448	225	316	162	503	529	550	440	576	316
February.....	191	159	132	397	190	222	134	318	359	493	423	506	235
March.....	159	153	104	258	159	192	143	234	266	311	315	365	187
April.....	140	106	65	208	171	188	146	170	160	256	233	240	164
May.....	141	77	70	344	163	179	150	148	168	234	236	193	159
June.....	142	99	105	347	131	184	146	143	161	263	328	167	163
July.....	147	109	124	209	145	174	155	127	158	204	280	154	157
August.....	165	117	130	213	173	204	203	114	120	233	218	174	177
September.....	142	168	125	150	121	174	167	114	113	253	374	110	157
October.....	157	202	90	283	173	154	133	125	116	293	483	173	166
November.....	122	150	83	202	123	143	123	109	111	296	502	202	142
December.....	124	134	74	229	140	124	105	133	158	340	590	166	143
<b>1922.</b>													
January.....	119	138	81	141	132	116	97	113	135	316	537	134	135
February.....	103	125	75	86	108	119	105	115	136	252	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.....	149	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	146
August.....	124	144	90	199	112	171	168	154	154	218	204	197	146
September.....	132	172	74	193	144	168	165	169	196	224	241	209	151
October.....													
November.....													
December.....													

See footnotes on opposite page.

## EXPORTS FROM THE UNITED STATES.

Table 121.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

[Base year in bold-faced type; index 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..	<b>\$124,964</b>	<b>\$12,827</b>	<b>\$29,328</b>	<b>\$6,556</b>	<b>\$49,228</b>	<b>\$50,098</b>	<b>\$33,599</b>	<b>\$12,210</b>	<b>\$4,582</b>	<b>\$17,319</b>	<b>\$5,208</b>	<b>\$2,411</b>	<b>\$207,002</b>
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	46,567	28,754	12,011	4,408	20,099	3,811	3,095	296,223
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	105,081	69,077	25,991	8,925	45,567	15,528	4,282	519,459
1918 monthly average..	321,558	77,600	(*)	41,015	171,774	110,457	73,906	25,226	8,759	50,250	22,815	4,933	512,424
1919 monthly average..	432,306	74,447	7,730	36,890	189,880	107,983	61,187	36,812	12,992	74,775	30,530	8,160	660,035
1920 monthly average..	372,174	56,349	25,953	30,980	161,319	160,764	80,988	51,993	17,811	86,932	31,495	13,806	685,668
1921 monthly average..	196,992	18,745	31,027	17,955	78,510	94,136	49,473	22,777	9,236	53,782	19,620	6,071	373,761
<b>1920.</b>													
September.....	313,277	47,205	19,797	29,375	142,479	168,127	87,264	54,471	21,782	61,180	9,904	7,632	604,686
October.....	423,310	79,085	32,449	35,689	160,440	179,333	86,738	59,828	21,358	71,624	12,067	17,116	751,211
November.....	357,198	59,010	35,061	26,997	125,061	169,741	69,339	65,285	26,045	68,893	9,023	15,411	676,528
December.....	388,344	38,010	53,439	31,945	138,854	161,591	61,700	67,251	23,207	86,508	18,333	16,592	720,287
<b>1921.</b>													
January.....	325,219	35,825	48,812	29,357	110,794	158,528	54,373	61,430	24,228	95,201	22,846	13,893	654,271
February.....	238,816	20,432	38,837	26,004	93,450	111,381	45,179	38,804	16,441	85,362	22,029	12,091	486,454
March.....	199,256	19,597	30,503	16,908	78,155	96,083	48,168	28,621	12,166	53,915	16,410	8,806	386,680
April.....	175,239	13,582	19,133	13,634	84,247	94,309	48,988	20,718	7,345	44,422	12,148	5,776	340,464
May.....	176,799	9,863	20,485	22,537	80,287	89,647	50,483	18,036	7,690	40,586	12,297	4,642	329,710
June.....	177,814	12,708	30,796	22,743	64,439	92,071	49,100	17,496	7,388	45,483	17,057	4,034	336,899
July.....	183,195	13,946	36,324	13,674	71,315	87,357	51,996	15,548	7,257	35,374	14,588	3,708	325,181
August.....	206,228	15,050	38,284	13,944	85,257	102,141	68,362	13,919	5,486	40,402	16,548	4,198	366,888
September.....	177,246	21,579	36,774	9,857	59,475	87,138	55,972	13,920	5,179	43,897	19,499	2,062	324,963
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	343,331
November.....	153,071	19,262	24,326	13,249	60,640	71,579	41,194	13,320	5,100	51,256	26,126	4,865	294,092
December.....	154,961	17,249	21,786	15,001	69,105	62,216	35,111	16,205	7,237	58,807	30,718	4,010	296,198
<b>1922.</b>													
January.....	149,042	17,730	23,669	9,266	64,933	57,995	32,606	13,853	6,187	54,726	27,985	3,232	278,848
February.....	128,923	16,054	22,053	5,637	53,390	59,724	35,281	14,096	6,246	43,627	18,788	4,344	250,713
March.....	180,182	19,080	35,658	6,558	72,788	73,542	44,493	17,199	6,987	53,799	22,785	5,258	329,980
April.....	183,143	22,076	31,048	11,028	72,291	71,124	43,402	18,366	8,411	41,874	14,041	3,961	318,470
May.....	168,754	20,117	26,105	9,473	74,486	71,050	44,288	18,158	8,064	43,074	16,036	6,534	307,569
June.....	186,701	22,945	28,191	11,933	75,246	75,896	47,944	20,929	9,023	46,811	16,363	4,780	335,117
July.....	158,634	21,243	20,315	18,111	62,346	75,616	49,514	19,530	7,378	43,251	16,024	4,282	301,313
August.....	154,886	18,466	26,317	13,042	55,264	85,573	56,492	18,800	7,053	37,795	10,646	4,751	301,805
September.....	164,595	22,025	21,716	12,674	70,853	83,985	55,363	20,621	8,991	38,841	12,556	5,049	313,092
October.....													
November.....													
December.....													

<sup>1</sup> 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.

<sup>2</sup> Total for year 1917 is \$3,275. No figures for 1918.

## GOLD AND SILVER.

Table 122.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	GOLD.				SILVER.				GOLD.				SILVER.					
	Im-ports.	Ex-ports.	Domestic receipts at mint.	Rand output.	Im-ports.	Ex-ports.	Pro-duction.	Price in New York.	Price in London.	Im-ports.	Ex-ports.	Domestic receipts at mint.	Rand output.	Im-ports.	Ex-ports.	Pro-duction.	Price in New York.	Price in London.
	Relative to 1913.								Thousands of dollars.	Fine ounces.	Ounces.	Thousands of dollars.	Thou- sands of fine ounces.	Dollars per fine ounce.	Pence per standard ounce, 0.925 fine.			
A.—INDEX NUMBERS.									B.—NUMERICAL DATA.									
1913 mo.av.	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>\$5,309</b>	<b>\$7,650</b>	<b>148,050</b>	<b>732,779</b>	<b>\$2,989</b>	<b>\$5,231</b>	<b>5,567</b>	<b>\$0.598</b>	<b>27.573</b>
1914 mo.av.	90	243	105	95	72	82	108	92	92	4,782	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	37,663	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	772,125	2,689	5,883	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.	1,098	26	54	92	177	82	80	105	134	58,302	1,969	80,183	676,216	5,277	4,298	4,477	.627	26.841
<b>1920.</b>																		
September.	737	224	.....	93	217	126	.....	157	216	39,110	17,129	.....	682,173	6,501	6,577	.....	.937	59.476
October...	2,199	339	.....	90	164	109	.....	140	197	116,762	25,931	.....	662,472	4,912	5,709	.....	.835	54.197
November.	1,072	260	.....	86	168	60	.....	130	185	56,889	19,870	.....	633,737	5,025	3,144	.....	.777	50.952
December.	841	223	.....	87	155	116	.....	108	152	44,660	17,058	.....	636,204	4,626	6,081	.....	.648	41.845
<b>1921.</b>																		
January...	634	36	45	89	162	128	88	110	145	33,634	2,725	66,664	651,593	4,835	6,691	4,907	.660	39.685
February..	803	14	45	76	163	102	98	99	126	42,627	1,036	66,322	558,137	4,862	5,337	5,465	.592	34.745
March.....	1,644	9	48	92	130	56	109	94	118	87,272	710	70,775	671,123	3,872	2,919	6,077	.560	32.479
April.....	1,538	5	45	93	110	44	80	99	124	80,662	384	71,303	681,382	3,298	2,319	4,437	.593	34.259
May.....	1,096	14	45	94	233	45	77	100	124	58,171	1,063	67,052	687,776	6,956	2,353	4,277	.598	34.165
June.....	826	10	43	93	121	27	72	98	127	43,576	774	63,821	678,490	3,627	1,424	4,022	.585	34.971
July.....	1,210	49	60	94	151	98	70	101	136	64,247	3,735	88,474	689,555	4,513	5,113	3,902	.603	37.481
August....	1,599	9	63	97	263	72	72	103	138	84,902	672	93,128	711,526	7,853	3,743	4,017	.616	38.096
September.	1,245	31	38	94	150	95	76	111	145	66,085	2,449	56,251	691,096	4,488	4,947	4,212	.662	40.082
October...	887	99	87	97	251	91	85	119	150	47,107	7,576	128,643	707,825	7,510	4,782	4,724	.710	41.442
November.	966	8	67	96	198	92	68	114	141	51,299	607	99,379	704,236	5,912	4,804	3,790	.682	38.750
December.	596	25	61	93	185	137	70	110	129	31,666	1,950	90,388	681,847	5,516	7,145	3,897	.658	35.645
<b>1922.</b>																		
January...	500	11	51	46	217	76	71	110	127	26,571	863	75,919	335,009	6,496	3,977	3,938	.655	35.035
February..	541	23	45	11	160	136	70	109	123	28,739	1,732	66,608	77,000	4,786	7,092	3,878	.653	33.891
March.....	631	13	48	31	233	101	75	108	121	33,458	986	70,629	227,728	6,953	5,307	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.....	244	21	52	92	212	115	86	119	130	12,977	1,601	76,880	675,000	6,346	6,004	4,760	.711	35.900
July.....	810	8	62	101	233	120	78	117	129	42,987	645	92,399	738,000	6,957	6,269	4,341	.702	35.644
August....	360	12	70	103	165	74	100	116	127	19,092	956	103,262	752,000	4,944	3,861	5,562	.694	34.957
September.	552	18	60	102	213	71	96	.....	.....	29,316	1,399	89,561	747,000	6,370	3,735	5,325	.695	35.305
October...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> 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.



## CANADIAN INDUSTRY.

Table 123.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Data from Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	NEWSPRINT PAPER.				BUILDINGS.	RAILROAD OPERATIONS. <sup>2</sup>			NEWSPRINT PAPER.				BUILDINGS.	RAILROAD OPERATIONS. <sup>2</sup>	
	Production.	Shipments.	Stocks.	Exports.	Contracts awarded.	Freight carried 1 mlie.	Net operating revenue.	Production.	Shipments.	Stocks.	Exports.	Contracts awarded.	Freight carried 1 mlie.	Net operating revenue.	
	Relative to 1919.				Relative to 1913.			Short tons.				Thousands of dollars.	Thousands of tons.	Dollars.	
	A.—INDEX NUMBERS.							B.—NUMERICAL DATA.							
1913 monthly av. . . . .				22	<b>100</b>	<b>100</b>	<b>100</b>					12,233	<b>\$32,013</b>	<b>1,919,413</b>	<b>\$6,224,251</b>
1914 monthly av. . . . .				44	63	96	86					24,382	20,163	1,838,608	5,342,357
1915 monthly av. . . . .				55	22	77	70					30,384	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	2,598,892	7,323,404
1918 monthly av. . . . .	<b>91</b>	<b>92</b>	<b>106</b>	<b>91</b>	26	135	75	61,527	62,386	13,352	50,425	8,320	2,585,756	4,688,726	
1919 monthly av. . . . .	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	49	117	43	<b>67,284</b>	<b>67,922</b>	<b>12,597</b>	<b>55,203</b>	15,836	2,245,883	2,650,772	
1920 monthly av. . . . .	109	108	85	108	67	136	17	73,601	73,250	10,687	59,469	21,301	2,605,416	1,040,158	
1921 monthly av. . . . .	101	99	135	114	63	114	48	67,738	67,342	17,045	62,969	20,011	2,184,524	2,972,480	
<b>1920.</b>															
September. . . . .	108	109	65	110	65	146	24	72,693	74,201	8,145	60,612	20,820	2,803,247	1,507,281	
October. . . . .	108	103	81	117	57	179	120	72,437	70,254	10,237	64,405	18,170	3,439,898	7,452	
November. . . . .	106	108	60	115	48	175	90	71,038	73,593	7,578	63,381	15,399	3,358,029	5,589,908	
December. . . . .	109	102	88	118	27	159	11	73,006	69,397	11,117	65,022	8,747	3,054,974	682,808	
<b>1921.</b>															
January. . . . .	106	99	120	104	28	114	( <sup>2</sup> )	71,518	67,360	15,118	57,342	8,948	2,195,008	<sup>3</sup> 2,072,166	
February. . . . .	95	91	136	96	55	104	( <sup>2</sup> )	63,607	61,575	17,110	52,836	17,641	2,002,311	<sup>3</sup> 1,431,832	
March. . . . .	98	94	148	137	32	111	22	65,619	64,185	18,663	75,774	10,257	2,122,115	1,367,768	
April. . . . .	103	98	172	86	68	92	20	69,221	66,260	21,632	47,464	21,622	1,759,032	1,259,159	
May. . . . .	73	74	166	80	84	83	25	49,308	49,980	20,920	44,178	26,860	1,592,306	1,535,229	
June. . . . .	81	83	135	77	83	81	30	54,715	56,412	17,007	42,380	26,437	1,549,754	1,883,849	
July. . . . .	103	98	154	104	55	89	36	68,977	66,869	19,367	57,313	17,741	1,701,480	2,219,649	
August. . . . .	107	111	126	118	113	98	87	72,295	75,435	15,919	65,322	36,307	1,890,549	5,428,943	
September. . . . .	103	100	135	111	61	137	100	68,983	68,164	17,030	61,207	19,566	2,624,671	6,204,662	
October. . . . .	112	116	106	119	59	178	157	75,481	79,056	13,399	65,708	18,997	3,414,313	9,803,135	
November. . . . .	111	108	115	121	52	153	101	74,537	73,380	14,482	67,055	16,640	2,930,344	6,277,760	
December. . . . .	117	117	110	132	60	133	53	78,599	79,433	13,896	72,660	19,119	2,545,408	3,309,134	
<b>1922.</b>															
January. . . . .	121	123	93	123	26	99	( <sup>2</sup> )	81,418	83,555	11,727	67,701	8,393	1,900,310	<sup>3</sup> 827,619	
February. . . . .	116	118	76	128	33	105	( <sup>2</sup> )	78,294	80,476	9,535	70,729	10,718	2,011,226	<sup>3</sup> 140,316	
March. . . . .	128	129	63	172	42	127	57	85,973	87,572	7,919	95,196	13,465	2,436,149	3,568,803	
April. . . . .	124	122	69	111	92	90	21	83,731	82,924	8,726	61,453	29,428	1,728,754	1,315,876	
May. . . . .	140	140	66	137	109	102	63	94,502	94,812	8,375	75,783	34,827	1,956,716	3,909,587	
June. . . . .	138	138	55	157	111	91	40	92,588	93,901	6,893	86,480	35,620	1,743,831	2,464,101	
July. . . . .	134	126	91	139	83	93	39	90,282	85,447	11,513	77,004	26,694	1,787,837	2,409,973	
August. . . . .	146	144	94	152	79			98,141	97,764	11,813	84,024	25,188			
September. . . . .	140	136	112	144	92			94,444	92,210	14,033	79,558	29,314			
October. . . . .															
November. . . . .															
December. . . . .															

<sup>1</sup> 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.).

<sup>2</sup> Annual figures cover all railroads in Canada; 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.

<sup>3</sup> Deficit.

## CANADIAN FINANCE AND TRADE.

Table 124.—INDEX NUMBERS.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	BUSINESS FAILURES.			BOND ISSUES.			EMPLOYMENT SERVICE OF CANADA.				FOREIGN TRADE. <sup>3</sup>				
	BANK CLEARINGS.	Firms.	Liabilities.	Government and provincial.	Municipal.	Corporation bonds.	Applications.	Vacancies.	Placements.		TOTAL (value).		EXPORTS OF KEY COMMODITIES (quantities).		
									Regu- lar.	Cas- ual. <sup>2</sup>	Im- ports.	Ex- ports.	Canned salmon.	Cheese.	Wheat.
1913 monthly average..	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>					<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1914 monthly average..	85	159	185	161	73	59					92	121	290	93	126
1915 monthly average..	82	144	194	405	57	31					68	125	164	88	72
1916 monthly average..	111	97	95	393	43	57					76	206	233	124	157
1917 monthly average..	132	61	82	1,271	25	44					126	313	229	127	189
1918 monthly average..	144	45	75	1,312	51	10					144	421	208	113	150
1919 monthly average..	174	34	61	1,457	27	83					137	336	226	98	42
1920 monthly average..	210	54	133	220	46	62	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	159	341	292	81	78
1921 monthly average..	181	131	307	301	73	83	107	87	77	151	185	321	146	86	129
<b>1920.</b>															
September.....	200	41	119	85	30		104	146	124	103	206	307	248	112	47
October.....	242	57	101	209	36	99	98	95	107	111	189	417	147	99	198
November.....	246	70	151	198	56	13	98	75	86	89	176	473	375	115	312
December.....	239	123	327	458	108	190	84	52	55	72	154	480	252	73	415
<b>1921.</b>															
January.....	186	128	392	413	60	33	103	50	52	80	129	261	107	67	137
February.....	161	110	204		100	130	81	43	45	73	129	211	134	26	110
March.....	167	105	305	237	59	81	87	66	54	87	166	221	69	8	89
April.....	183	91	177	290	33	170	108	98	85	100	117	140	58	2	59
May.....	189	95	249	497	49	16	102	86	75	117	122	193	44	40	97
June.....	184	113	390	204	63		96	81	71	152	103	190	191	102	72
July.....	170	132	255	531	36	41	104	95	81	188	112	180	110	188	44
August.....	161	131	297	90	68		184	201	188	167	116	198	472	118	47
September.....	167	151	324	777	246	122	126	132	114	221	107	190	317	164	85
October.....	192	180	311	309	47	122	102	86	72	235	106	259	610	134	252
November.....	208	147	411	216	73	156	91	57	44	185	115	279	289	124	349
December.....	200	187	349	70	44	126	93	51	38	198	107	277	104	65	412
<b>1922.</b>															
January.....	168	217	437	483	23	65	102	57	39	138	92	150	110	12	73
February.....	143	207	664		110	107	90	56	35	137	97	150	72	36	67
March.....	167	139	320	51	29	158	101	76	54	139	142	194	106	27	72
April.....	150	126	340	2,668	186	105	95	91	71	112	86	104	56	8	21
May.....	186	175	423	141	123	272	110	104	85	140	118	224	62	24	170
June.....	163	238	110	10	45	88	98	88	77	103	110	233	68	55	140
July.....	158	138	204	170	41	102	97	91	79	94	109	229	101	135	113
August.....	145	163	277				159	182	162	110	120	237	75	133	138
September.....	156	156	259								108	232	445	149	110
October.....	186														
November.....															
December.....															

See footnote on opposite page.

## CANADIAN FINANCE AND TRADE.

Table 125.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

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

YEAR AND MONTH.	BANK CLEARINGS.	BUSINESS FAILURES.		BOND ISSUES.			EMPLOYMENT SERVICE OF CANADA.				FOREIGN TRADE. <sup>3</sup>				
		Firms.	Liabilities.	Government and provincial.	Municipal.	Corporation bonds.	Applications.	Vacancies.	Placements.		TOTAL (value).		EXPORTS OF KEY COMMODITIES (quantities).		
									Regular.	Casual.	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...	<b>\$775</b>	<b>152</b>	<b>\$1,388</b>	<b>\$4,422</b>	<b>\$9,647</b>	<b>\$6,171</b>					<b>\$55,934</b>	<b>\$31,422</b>	<b>1,757</b>	<b>12,942</b>	<b>8,378</b>
1914 monthly av...	659	241	2,562	7,118	7,032	3,644					51,600	37,953	5,092	12,076	10,540
1915 monthly av...	637	219	2,698	17,901	5,542	1,888					37,996	39,287	2,888	11,442	5,993
1916 monthly av...	859	148	1,312	17,385	4,158	3,540					42,350	64,858	4,095	16,081	13,145
1917 monthly av...	1,021	93	1,138	56,198	2,365	2,708					70,538	98,268	4,026	16,492	15,804
1918 monthly av...	1,115	68	1,035	58,000	4,917	628					80,294	132,181	3,648	14,573	12,533
1919 monthly av...	1,351	52	843	64,429	2,583	5,121					76,643	105,730	3,976	12,684	3,484
1920 monthly av...	1,627	82	1,845	9,749	4,466	3,846	<b>41,533</b>	<b>40,165</b>	<b>30,502</b>	<b>6,588</b>	88,711	107,222	5,127	10,533	6,498
1921 monthly av...	1,400	199	4,257	13,311	7,052	5,121	44,240	35,002	23,376	9,926	103,347	100,869	2,563	11,135	10,776
<b>1920.</b>															
September.....	1,549	62	1,648	3,750	2,900	None.	43,376	58,685	37,712	6,794	115,122	96,404	4,350	14,511	3,926
October.....	1,872	86	1,396	9,250	3,517	6,100	40,896	38,096	32,721	7,330	105,770	131,147	2,581	12,847	16,547
November.....	1,909	107	2,090	8,750	5,386	800	40,601	30,273	26,274	5,892	98,661	148,748	6,589	14,944	26,134
December.....	1,849	187	4,543	20,250	10,376	11,750	35,028	20,845	16,747	4,770	85,882	150,950	4,436	9,467	34,734
<b>1921.</b>															
January.....	1,440	194	5,441	18,250	5,754	2,050	42,794	19,910	15,940	5,299	72,252	81,934	1,873	8,715	11,446
February.....	1,249	167	2,831	None.	9,661	8,000	33,535	17,165	13,849	5,156	71,971	66,315	2,351	3,348	9,181
March.....	1,294	159	4,232	10,500	5,671	5,000	36,239	26,649	16,330	5,727	92,601	69,468	1,214	1,028	7,486
April.....	1,418	139	2,455	12,840	3,203	10,500	44,974	39,292	26,076	6,561	65,311	44,076	1,012	216	4,983
May.....	1,466	145	3,459	21,980	4,700	1,000	42,560	34,396	22,849	7,732	68,502	60,734	775	5,178	8,112
June.....	1,426	171	5,415	9,002	6,092	None.	40,037	32,517	21,736	9,985	57,644	59,692	3,363	15,561	6,003
July.....	1,319	201	3,544	23,500	3,465	2,500	43,123	38,175	24,604	12,384	62,406	56,440	1,931	24,370	3,649
August.....	1,245	199	4,119	4,000	6,544	None.	76,427	80,762	57,249	11,007	65,147	62,363	8,301	15,258	3,972
September.....	1,291	229	4,492	34,350	23,754	7,500	52,340	53,195	34,777	14,584	59,805	59,590	5,571	21,182	7,145
October.....	1,491	273	4,314	13,668	4,563	7,500	42,509	34,602	21,971	15,483	59,518	81,256	10,710	17,346	21,131
November.....	1,614	224	5,705	9,558	6,997	9,650	37,740	23,031	13,488	12,179	64,271	87,640	5,079	16,008	29,254
December.....	1,549	284	4,840	3,097	4,219	7,750	38,596	20,330	11,647	13,014	60,050	87,186	1,821	8,371	34,492
<b>1922.</b>															
January.....	1,304	330	6,067	21,370	2,182	4,000	42,233	23,000	11,825	9,118	51,476	47,098	1,935	1,520	6,103
February.....	1,110	314	9,221	None.	10,645	6,633	37,345	22,571	10,624	9,002	54,294	47,004	1,269	4,708	5,602
March.....	1,298	212	4,445	2,250	2,842	9,730	42,144	30,655	16,319	9,182	79,337	60,847	1,861	3,533	6,042
April.....	1,165	192	4,724	118,000	17,925	6,475	39,432	36,452	21,779	7,391	47,861	32,652	980	1,080	1,740
May.....	1,442	266	5,877	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	382	1,529	450	4,387	5,454	40,816	35,382	23,439	6,801	61,669	73,107	1,192	7,093	11,760
July.....	1,223	210	2,832	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	243	3,849				65,857	73,179	49,271	7,275	67,355	74,486	1,325	17,179	11,587
September.....	1,206	237	3,590								60,318	72,934	7,825	19,230	9,233
October.....	1,440														
November.....															
December.....															

<sup>1</sup> 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*.

<sup>2</sup> Placements are termed casual when employment lasts one week or less.

<sup>3</sup> Yearly figures represent the monthly averages for the Canadian fiscal year which ends March 31 of the succeeding year.

## FOREIGN TRADE OF THE UNITED KINGDOM.

Table 126.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	IMPORTS (values).				EXPORTS (values).				REEXPORTS (values).				EXPORTS OF KEY COMMODITIES <sup>2</sup> (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.	Cot- ton- piece goods.	Wool- en and wor- sted tissues.	Iron and steel.	Coal.
1913 monthly av.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	( <sup>3</sup> )	( <sup>3</sup> )	<b>100</b>	<b>100</b>
1914 monthly av.....	91	103	84	83	82	89	84	82	87	109	84	82	( <sup>3</sup> )	( <sup>3</sup> )	78	80
1915 monthly av.....	115	131	102	94	73	77	75	71	90	140	85	75	( <sup>3</sup> )	( <sup>3</sup> )	65	59
1916 monthly av.....	123	144	120	98	96	91	92	96	89	132	77	93	( <sup>3</sup> )	( <sup>3</sup> )	67	52
1917 monthly av.....	138	157	137	113	100	50	96	103	64	47	68	64	( <sup>3</sup> )	( <sup>3</sup> )	47	48
1918 monthly av.....	171	196	163	145	95	37	87	99	28	25	22	43	( <sup>3</sup> )	( <sup>3</sup> )	33	43
1919 monthly av.....	212	244	229	138	152	102	174	154	150	269	142	105	( <sup>3</sup> )	( <sup>3</sup> )	46	48
1920 monthly av.....	252	266	252	235	254	156	208	272	203	289	192	181	<b>100</b>	<b>100</b>	70	34
1921 monthly av.....	142	196	96	127	136	115	91	143	98	190	78	90	66	43	35	34
<b>1920.</b>																
May.....	260	269	258	252	273	148	227	294	222	254	224	199	120	119	95	35
June.....	266	279	247	277	266	159	197	289	220	310	206	203	110	113	69	32
July.....	255	288	221	257	314	166	215	347	195	274	173	203	107	126	89	34
August.....	239	255	218	248	263	129	180	291	146	255	104	181	99	103	67	30
September.....	238	278	190	251	268	159	163	298	146	271	102	176	103	93	62	24
October.....	234	286	189	225	257	172	165	279	177	347	132	181	82	79	67	23
November.....	225	254	198	223	273	174	161	302	144	319	93	159	93	88	56	22
December.....	223	246	207	214	221	141	211	230	139	301	92	154	67	62	46	38
<b>1921.</b>																
January.....	183	203	158	189	212	142	132	233	109	163	92	117	67	63	57	28
February.....	151	197	109	145	156	113	101	170	88	117	82	83	66	48	41	28
March.....	146	210	76	155	153	107	100	166	97	215	76	80	63	41	36	32
April.....	140	219	70	126	137	137	50	152	93	191	72	87	50	46	39	10
May.....	135	207	71	120	98	77	25	113	79	147	64	75	39	34	25	( <sup>4</sup> )
June.....	138	215	78	109	87	90	19	98	78	168	49	90	41	33	17	( <sup>4</sup> )
July.....	126	174	86	112	99	99	48	107	103	230	76	90	48	36	15	13
August.....	138	209	83	113	117	115	121	116	109	206	88	105	57	37	18	51
September.....	136	200	87	111	146	122	120	128	94	204	72	84	72	43	32	56
October.....	132	184	91	116	142	128	126	147	114	230	96	88	96	50	38	56
November.....	139	171	128	111	144	132	121	149	108	222	90	84	98	49	47	59
December.....	133	162	118	113	136	117	133	138	101	183	80	102	89	52	50	70
<b>1922.</b>																
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.....																
November.....																
December.....																

See footnotes on opposite page.

## FOREIGN TRADE OF THE UNITED KINGDOM.

Table 127.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	IMPORTS (values).				EXPORTS (values).				REEXPORTS (values).				EXPORTS OF KEY COMMODITIES <sup>2</sup> (quantities).			
	Total.	Food, drink, and to- bacco.	Raw mate- rial.	Manu- fac- tured articles.	Total.	Food, drink, and to- bacco.	Raw mate- rial.	Manu- fac- tured articles.	Total.	Food, drink, and to- bacco.	Raw mate- rial.	Manu- fac- tured arti- cles.	Cotton piece goods.	Woolen and worsted tissues.	Iron and steel.	Coal.
1913 monthly av....	<b>64,061</b>	<b>24,184</b>	<b>23,485</b>	<b>16,134</b>	<b>43,770</b>	<b>2,716</b>	<b>5,825</b>	<b>34,281</b>	<b>9,131</b>	<b>1,329</b>	<b>5,336</b>	<b>2,455</b>	<sup>3</sup> 565,415	<sup>3</sup> 14,718	<b>414</b>	<b>6,117</b>
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	<sup>3</sup> 478,763	<sup>3</sup> 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	4,549	1,835	<sup>3</sup> 395,417	<sup>3</sup> 12,460	270	3,628
1916 monthly av....	<b>79,042</b>	34,931	28,066	15,766	42,190	2,458	5,362	32,783	8,131	1,756	4,095	2,271	<sup>3</sup> 438,318	<sup>3</sup> 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	<sup>3</sup> 415,004	<sup>3</sup> 13,874	195	2,916
1918 monthly av....	109,678	47,491	38,207	23,343	41,785	1,061	5,083	33,880	2,579	336	1,194	1,048	<sup>3</sup> 308,321	<sup>3</sup> 8,208	137	2,646
1919 monthly av....	135,513	58,938	53,834	22,219	66,553	2,775	10,107	52,663	13,729	3,575	7,571	2,575	<sup>3</sup> 298,782	<sup>3</sup> 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	10,249	4,437	<b>370,138</b>	<b>22,178</b>	290	2,078
1921 monthly av....	90,668	47,382	22,598	20,425	59,316	3,122	5,322	49,048	8,921	2,520	4,171	2,220	242,938	9,562	143	2,055
<b>1920.</b>																
May.....	166,334	64,993	60,509	40,580	119,319	4,020	13,211	100,727	20,260	3,376	11,975	4,897	443,688	26,476	392	2,140
June.....	170,491	67,566	57,919	44,681	116,352	4,313	11,447	9,081	20,124	4,120	11,010	4,992	406,334	24,987	286	1,931
July.....	163,342	69,571	51,899	41,423	137,452	4,515	12,551	118,954	17,848	3,638	9,221	4,989	395,849	28,027	370	2,097
August.....	153,255	61,785	51,268	40,016	114,903	3,503	10,467	99,645	13,368	3,385	5,529	4,453	367,144	22,736	279	1,847
September.....	152,692	67,269	44,557	40,573	117,456	4,311	9,515	102,216	13,351	3,601	5,418	4,317	382,591	20,653	255	1,476
October.....	149,889	69,168	44,299	36,267	112,295	4,678	9,632	95,701	16,134	4,665	7,061	4,444	305,339	17,574	277	1,417
November.....	144,260	61,499	46,560	35,955	119,365	4,723	9,399	103,694	13,115	4,243	4,975	3,896	343,573	19,513	232	1,361
December.....	142,785	59,378	48,613	34,553	96,631	3,842	12,277	78,819	12,699	3,995	4,917	3,787	248,443	13,697	192	2,302
<b>1921.</b>																
January.....	117,051	49,153	37,005	30,467	92,756	3,852	7,668	79,746	9,955	2,160	4,904	2,865	249,613	13,877	236	1,700
February.....	96,974	47,750	25,504	23,394	68,222	3,075	5,881	58,177	8,004	1,552	4,386	2,041	244,949	10,693	168	1,729
March.....	93,742	50,888	17,739	24,980	66,809	2,897	5,832	56,969	8,888	2,851	4,074	1,962	232,043	9,121	150	1,968
April.....	87,996	52,908	16,547	20,374	59,868	3,729	2,936	52,019	8,524	2,543	3,844	2,134	186,849	10,209	163	607
May.....	86,308	50,094	16,711	19,282	43,088	2,101	1,437	38,662	7,232	1,958	3,418	1,850	145,769	7,566	102	14
June.....	88,182	51,915	18,389	17,600	38,152	2,439	1,125	33,658	7,083	2,229	2,616	2,219	152,782	7,235	69	8
July.....	80,757	42,090	20,232	18,005	43,172	2,702	2,775	36,705	9,362	3,062	4,082	2,216	177,530	8,045	64	816
August.....	88,581	50,584	19,589	18,194	51,346	3,124	7,058	39,936	9,998	2,744	4,683	2,567	212,403	8,232	76	3,103
September.....	87,118	48,410	20,465	17,905	63,842	3,300	6,997	44,009	8,595	2,710	3,822	2,057	265,386	6,104	133	3,407
October.....	84,742	44,475	21,256	18,691	62,265	3,466	7,359	50,238	10,386	3,057	5,143	2,164	353,825	11,109	156	3,407
November.....	89,259	41,246	29,946	17,913	62,594	3,586	7,046	51,094	9,823	2,944	4,818	2,060	363,633	10,978	194	3,594
December.....	85,312	39,063	27,792	18,291	59,375	3,187	7,746	47,368	9,204	2,435	4,263	2,501	330,476	11,574	205	4,309
<b>1922.</b>																
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	339,348	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	252,278	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	304,293	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	302,598	14,002	258	4,097
May.....	88,814	43,075	25,358	20,207	58,045	3,045	8,757	45,073	8,965	2,152	4,548	2,264	341,959	16,585	273	5,057
June.....	84,298	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	2,084	443,937	17,305	252	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.....																
November.....																
December.....																

<sup>1</sup> Compiled from British official reports by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce<sup>2</sup> Figures include exports and reexports.<sup>3</sup> Figures for years 1913-1919, inclusive, are in linear yards.<sup>4</sup> Less than 1 per cent.

NOTE.—See p. — for exchange rate on pound sterling.

## COAL PRODUCTION IN FOREIGN COUNTRIES.

Table 128.—INDEX NUMBERS.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	COAL.										LIGNITE.	
	United Kingdom.	Germany. <sup>1</sup>	France. <sup>1</sup>	Belgium.	Czechoslovakia.	Poland.	Netherlands.	Japan.	Canada.	Union of South Africa.	Germany.	Czechoslovakia.
	Relative to 1913.											
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
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	<sup>1</sup> 61	<sup>1</sup> 54	81	74	.....	181	147	91	117	108	74
1920 monthly average.....	80	<sup>1</sup> 69	<sup>1</sup> 85	98	78	67	210	137	88	130	128	86
1921 monthly average.....	57	<sup>1</sup> 72	<sup>1</sup> 94	95	82	79	210	109	78	131	141	92
<b>1920.</b>												
September.....	<sup>3</sup> 98	73	94	100	81	66	229	125	90	131	139	93
October.....	41	75	96	103	78	63	235	130	88	136	144	85
November.....	67	75	93	86	85	70	229	134	99	137	135	87
December.....	<sup>3</sup> 98	75	97	108	74	65	235	147	98	141	139	90
<b>1921.</b>												
January.....	77	76	95	107	86	69	221	118	85	134	139	95
February.....	73	76	84	93	84	70	179	104	78	122	138	91
March.....	69	72	87	95	87	76	188	122	74	131	136	97
April.....	24	75	88	90	85	82	186	114	62	135	143	91
May.....	24	55	86	84	78	56	182	109	70	135	129	83
June.....	24	65	96	89	83	83	216	104	74	132	138	88
July.....	64	68	95	93	79	82	212	102	78	131	139	88
August.....	69	74	99	97	85	82	199	92	91	141	146	93
September.....	<sup>3</sup> 86	73	100	99	80	82	223	101	83	135	143	92
October.....	71	76	98	100	72	84	238	108	83	123	145	84
November.....	75	74	97	95	81	89	233	112	78	125	144	97
December.....	<sup>3</sup> 94	75	107	103	77	88	239	123	83	124	152	98
<b>1922.</b>												
January.....	74	77	104	98	86	91	238	107	69	98	151	90
February.....	83	72	100	92	49	86	212	112	72	75	139	51
March.....	<sup>3</sup> 103	85	112	103	90	107	247	125	86	103	169	105
April.....	75	71	96	91	68	84	224	123	47	101	146	95
May.....	<sup>3</sup> 80	77	101	90	72	89	246	119	52	124	157	92
June.....	<sup>3</sup> 85	57	100	88	62	.....	230	.....	.....	122	144	81
July.....	78	61	.....	88	.....	.....	248	.....	.....	124	157	.....
August.....	<sup>3</sup> 101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page.

## COAL PRODUCTION IN FOREIGN COUNTRIES.

Table 129.—NUMERICAL DATA.

From Government sources.<sup>1</sup>

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

YEAR AND MONTH.	COAL.										LIGNITE.	
	United Kingdom.	Germany. <sup>1</sup>	France. <sup>1</sup>	Belgium.	Czechoslovakia.	Poland.	Netherlands.	Japan.	Canada.	Union of South Africa.	Germany.	Czechoslovakia.
Thousands of metric tons. <sup>2</sup>												
1913 monthly average.....	<b>24,342</b>	<b>15,842</b>	<b>3,404</b>	<b>1,904</b>	<b>1,189</b>	<b>803</b>	<b>156</b>	<b>1,776</b>	<b>1,135</b>	<b>665</b>	<b>7,269</b>	<b>1,918</b>
1914 monthly average.....	22,499	13,449	2,294	1,393	.....	.....	161	1,858	1,031	641	6,975	.....
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	1,095	757	7,849	.....
1917 monthly average.....	21,044	13,979	2,410	1,243	.....	.....	251	2,197	1,062	785	7,962	.....
1918 monthly average.....	19,286	13,376	2,188	1,157	.....	.....	283	2,336	1,133	747	8,389	.....
1919 monthly average.....	19,458	<sup>1</sup> 9,723	<sup>1</sup> 1,822	1,540	874	.....	283	2,606	1,035	776	7,820	1,411
1920 monthly average.....	19,402	<sup>1</sup> 10,950	<sup>1</sup> 2,890	1,866	928	534	328	2,437	1,001	867	9,303	1,641
1921 monthly average.....	13,758	<sup>1</sup> 11,351	<sup>1</sup> 3,213	1,817	970	631	327	1,938	888	870	10,249	1,756
<b>1920.</b>												
September.....	<sup>3</sup> 23,883	11,550	3,213	1,909	966	526	357	2,223	1,018	872	10,103	1,779
October.....	9,960	11,870	3,283	1,967	924	509	367	2,315	1,002	905	10,493	1,627
November.....	16,191	11,814	3,171	1,634	1,015	560	358	2,375	1,119	913	9,839	1,664
December.....	<sup>3</sup> 23,891	11,926	3,317	2,052	874	522	367	2,602	1,114	937	10,110	1,722
<b>1921.</b>												
January.....	18,854	12,009	3,246	2,041	1,027	557	345	2,101	965	889	10,071	1,817
February.....	17,661	12,009	2,875	1,778	998	566	279	1,849	880	811	10,039	1,749
March.....	16,712	11,460	2,969	1,800	1,039	609	293	2,173	840	873	9,876	1,867
April.....	60	11,906	3,009	1,712	1,012	661	290	2,018	705	897	10,374	1,750
May.....	60	8,771	2,919	1,592	926	447	284	1,933	789	896	9,369	1,597
June.....	60	10,295	3,258	1,700	988	666	337	1,844	844	877	10,058	1,696
July.....	15,463	10,731	3,218	1,777	944	658	330	1,804	883	873	10,068	1,685
August.....	16,869	11,727	3,386	1,840	1,014	660	311	1,642	1,036	939	10,606	1,786
September.....	<sup>3</sup> 20,980	11,607	3,393	1,876	949	659	348	1,792	947	898	10,359	1,766
October.....	17,251	11,977	3,337	1,906	861	672	372	1,920	939	818	10,567	1,618
November.....	18,174	11,708	3,309	1,818	964	711	364	1,983	887	832	10,479	1,860
December.....	<sup>3</sup> 22,951	11,923	3,632	1,965	914	703	373	2,191	944	824	11,029	1,883
<b>1922.</b>												
January.....	17,990	12,166	3,533	1,872	1,028	729	371	1,894	787	653	10,979	1,718
February.....	20,090	11,456	3,390	1,760	584	692	330	1,995	818	499	10,091	974
March.....	<sup>2</sup> 25,161	13,418	3,807	1,968	1,067	861	386	2,212	980	684	12,260	2,018
April.....	18,352	11,289	3,278	1,726	808	675	350	2,191	533	669	10,634	1,827
May.....	<sup>3</sup> 19,466	12,120	3,442	1,708	854	716	384	2,113	594	827	11,437	1,758
June.....	<sup>3</sup> 20,699	9,038	3,415	1,675	740	.....	359	.....	.....	813	10,487	1,559
July.....	18,916	9,589	.....	1,669	.....	.....	387	.....	.....	823	11,411	.....
August.....	<sup>3</sup> 24,483	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	20,754	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Compiled by the Department of Commerce, Bureau of Foreign and Domestic Commerce, from official sources. Figures for France include lignite (averaging 66,000 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.

<sup>2</sup> One metric ton is equivalent to 2,204.6 pounds.

<sup>3</sup> Five weeks period; other months cover four weeks.

## METAL PRODUCTION IN FOREIGN COUNTRIES.

Table 130.—INDEX NUMBERS.

Based on data from Government and non-Government sources.<sup>1</sup>

[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.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
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	(*)	39		
1918 monthly average.....	88	106	25		50	125	161	38	(*)	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	<b>100</b>	<b>100</b>
1921 monthly average.....	25	60	65	35	38	47	64	63	32	62	70	79
<b>1920.</b>												
September.....	87	112	80	51	35	138	114	76	54	69	102	110
October.....	62	125	85	60	38	85	128	82	60	72	84	116
November.....	47	115	82	57	41	79	111	79	59	65	75	114
December.....	80	64	80	61	41	117	64	79	59	73	77	121
<b>1921.</b>												
January.....	75	49	68	54	45	77	46	68	59	71	65	118
February.....	54	69	67	51	39	76	68	67	49	62	60	93
March.....	45	71	69	51	13	56	61	63	48	20	63	66
April.....	7	46	67	46	34	11	31	65	54	57	77	62
May.....	2	67	65	37	38	1	60	62	31	56	84	62
June.....	(*)	65	66	33	39	(*)	74	62	27	61	82	62
July.....	1	64	62	22	33	18	62	56	13	57	80	71
August.....	11	60	59	22	35	68	83	59	14	55	76	71
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
<b>1922.</b>												
January.....	34	38	72	45	48	51	38	80	39	76	50	117
February.....	35	40	74	44	46	65	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					82					17	137
September.....	50					87					16	116
October.....												
November.....												
December.....												

See footnotes on opposite page.



## METAL PRODUCTION IN FOREIGN COUNTRIES.

Table 131.—NUMERICAL DATA.

From Government and non-Government sources.<sup>1</sup>

[Base year in bold-faced type; index 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. <sup>4</sup>		Thousands of metric tons. <sup>5</sup>			Thousands of long tons. <sup>4</sup>		Thousands of metric tons. <sup>5</sup>			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	25,477	7,740
1921 monthly average.....	218	50	280	73	81	302	56	250	65	63	17,945	6,100
<b>1920.</b>												
September.....	741	94	348	106	74	885	99	300	111	70	25,954	8,483
October.....	533	105	371	125	81	544	111	324	122	73	21,520	9,007
November.....	403	94	356	118	86	505	97	314	120	66	18,987	8,841
December.....	683	54	249	127	86	747	56	312	121	74	19,640	9,359
<b>1921.</b>												
January.....	642	41	293	112	95	493	40	268	121	72	16,635	9,161
February.....	464	58	292	105	83	484	59	264	100	63	15,239	7,199
March.....	386	60	300	106	28	359	53	251	98	20	16,158	5,115
April.....	60	39	292	96	72	71	27	257	110	58	19,538	4,762
May.....	14	56	283	76	80	6	52	244	64	57	21,280	4,806
June.....	1	55	285	69	83	3	64	245	55	62	21,002	4,817
July.....	10	54	267	45	71	117	54	223	27	58	20,331	5,457
August.....	94	50	255	45	74	434	72	232	28	56	19,473	5,512
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	6,801
December.....	275	40	301	74	102	381	43	302	64	82	14,297	8,122
<b>1922.</b>												
January.....	288	32	312	94	102	328	33	315	80	77	12,781	9,092
February.....	300	34	323	92	97	415	42	316	84	76	9,335	8,543
March.....	390	42	385	118	133	549	30	367	106	101	7,140	9,866
April.....	394	34	383	114	131	404	22	324	97	100	6,795	9,359
May.....	409	23	442	119	142	462	16	364	118	114	5,983	9,733
June.....	369	29	416	115	144	400	33	358	113	124	5,221	9,160
July.....	399	32	428	127	150	471	63	369	115	128	4,804	9,877
August.....	412					521					4,342	10,626
September.....	430					556					4,108	8,970
October.....												
November.....												
December.....												

<sup>1</sup> Compiled by the 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.

<sup>2</sup> Index number less than 1.

<sup>3</sup> Average for 9 months, April-December.

<sup>4</sup> A long ton contains 2,240 pounds.

<sup>5</sup> A metric ton is equivalent to 2,204.6 pounds.

## EMPLOYMENT IN FOREIGN COUNTRIES.

Table 132.—INDEX NUMBERS.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	UNITED KINGDOM.		GER-MANY.	BEL-GIUM.	NETHER-LANDS.	SWEDEN.	NOR-WAY.	DEN-MARK.	CANADA.	AUS-TRALIA.
	Trade unions.	Compulsory insurance.								
	Relative to 1913.									
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	<b>100</b>
1914 monthly average.....	100	99	96	99	88	98	99	97	.....	98
1915 monthly average.....	101	102	100	.....	90	96	99	100	<sup>2</sup> 95	97
1916 monthly average.....	102	102	101	.....	99	100	101	103	<sup>3</sup> 102	101
1917 monthly average.....	102	102	102	.....	95	101	101	98	<sup>3</sup> 102	99
1918 monthly average.....	101	102	102	.....	95	100	100	89	<sup>3</sup> 102	101
1919 monthly average.....	100	.....	99	.....	96	99	100	97	<b>100</b>	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
<b>1920.</b>										
September.....	100	100	98	97	101	102	100	105	100	<sup>4</sup> 100
October.....	97	99	99	96	101	100	99	105	97	.....
November.....	98	100	99	95	98	97	98	102	93	.....
December.....	96	98	99	85	91	88	95	92	90	<sup>4</sup> 99
<b>1921.</b>										
January.....	95	95	98	83	88	83	90	87	90	.....
February.....	93	94	98	79	88	83	86	83	87	.....
March.....	92	92	99	70	91	79	85	83	86	<sup>4</sup> 95
April.....	84	88	99	71	93	79	84	85	87	.....
May.....	79	86	99	70	95	78	84	88	88	.....
June.....	79	85	100	79	97	75	80	90	90	<sup>4</sup> 94
July.....	85	88	100	81	97	76	83	90	94	.....
August.....	85	90	101	80	98	77	84	89	95	.....
September.....	87	91	102	85	98	78	84	90	95	<sup>4</sup> 95
October.....	86	90	102	89	98	76	84	88	96	.....
November.....	86	87	102	88	95	75	82	86	92	.....
December.....	85	87	<sup>5</sup> 101	91	88	69	80	81	88	<sup>4</sup> 97
<b>1922.</b>										
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	<sup>4</sup> 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	.....	82	86	94	98	<sup>4</sup> 97
July.....	87	91	102	97	.....	83	.....	94	99	.....
August.....	87	91	.....	.....	.....	.....	.....	96	.....	.....
September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on opposite page.

## EMPLOYMENT IN FOREIGN COUNTRIES.

Table 133.—NUMERICAL DATA.

Based on data from Government sources.<sup>1</sup>

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

YEAR AND MONTH.	UNITED KINGDOM.		GERMANY.	BELGIUM.	NETHERLANDS.	SWEDEN.	NORWAY.	DENMARK.	CANADA.	AUSTRALIA.
	Trade-unions.	Compulsory insurance.								
	Per cent employed.									
1913 monthly average.....	<b>97.9</b>	<b>96.4</b>	<b>97.1</b>	<b>97.3</b>	<b>94.9</b>	<b>95.6</b>	<b>98.4</b>	<b>92.5</b>	.....	<b>93.5</b>
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	<sup>2</sup> 92.07	90.7
1916 monthly average.....	99.6	98.4	97.8	.....	94.2	95.8	99.2	95.1	<sup>2</sup> 98.13	94.2
1917 monthly average.....	99.4	98.4	99.0	.....	90.4	96.1	99.1	90.8	<sup>2</sup> 98.13	92.9
1918 monthly average.....	99.2	98.8	98.8	.....	90.0	95.6	98.6	82.6	<sup>2</sup> 98.50	94.2
1919 monthly average.....	97.6	.....	96.3	.....	91.1	94.5	98.4	89.3	<b>96.58</b>	93.4
1920 monthly average.....	97.6	<b>96.2</b>	96.2	.....	92.8	94.6	97.7	94.2	95.37	93.5
1921 monthly average.....	84.7	86.3	97.2	78.4	89.1	73.9	82.7	80.1	87.47	88.8
<b>1920.</b>										
September.....	97.8	96.2	95.5	94.2	95.9	97.1	98.2	97.3	96.74	<sup>4</sup> 93.8
October.....	94.7	95.9	95.8	93.6	95.8	95.5	97.8	96.7	93.91	.....
November.....	96.3	96.3	96.1	92.8	92.8	93.0	96.5	93.9	89.76	.....
December.....	93.9	94.2	95.9	82.6	86.6	84.2	93.2	94.9	86.95	<sup>4</sup> 92.2
<b>1921.</b>										
January.....	93.1	91.8	95.5	80.7	83.5	79.8	88.7	80.3	86.93	.....
February.....	91.5	90.5	95.3	77.3	83.6	79.2	85.1	76.8	83.88	.....
March.....	90.0	88.7	96.3	68.5	86.1	75.4	83.9	76.4	83.52	<sup>4</sup> 88.6
April.....	82.4	85.0	96.1	68.8	88.1	75.8	82.9	78.3	83.73	.....
May.....	77.8	82.7	96.3	67.7	90.6	74.7	82.2	81.4	84.54	.....
June.....	76.9	82.2	97.0	77.1	91.9	72.1	79.1	83.2	86.85	<sup>4</sup> 87.5
July.....	83.3	85.2	97.5	78.6	92.4	72.2	82.1	83.3	90.90	.....
August.....	83.7	86.8	97.8	78.3	92.7	73.2	82.7	82.3	91.29	.....
September.....	85.2	87.8	98.7	82.3	93.2	74.2	82.9	83.4	91.53	<sup>4</sup> 88.6
October.....	84.4	87.2	98.8	86.4	93.1	72.8	82.9	81.6	92.58	.....
November.....	84.1	84.3	98.6	86.1	90.0	71.4	80.7	79.2	88.94	.....
December.....	83.5	83.8	<sup>5</sup> 98.4	88.6	83.4	66.1	79.1	74.8	84.91	<sup>4</sup> 90.5
<b>1922.</b>										
January.....	83.2	83.8	96.7	88.8	80.0	65.2	76.5	71.1	86.10	.....
February.....	83.7	84.8	97.3	89.9	78.1	67.9	74.9	66.9	89.40	.....
March.....	83.7	85.6	98.9	90.8	85.9	69.4	74.9	72.1	90.40	<sup>4</sup> 90.8
April.....	83.0	85.6	99.1	91.1	88.5	71.4	76.8	76.0	89.60	.....
May.....	83.6	86.5	99.3	93.0	89.6	76.7	82.2	83.9	92.60	.....
June.....	84.3	86.3	99.4	94.0	.....	78.5	84.5	86.8	94.70	<sup>4</sup> 90.4
July.....	85.4	87.7	99.4	94.6	.....	79.8	.....	87.1	95.90	.....
August.....	85.6	88.0	.....	.....	.....	.....	.....	88.9	.....	.....
September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Compiled by the 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.

<sup>2</sup> December.

<sup>3</sup> Average of quarters, March, June, September, and December.

<sup>4</sup> Quarter ending this month.

<sup>5</sup> The report for December covers 6,075,755 organized workers of whom only 97,687 or 1.6 per cent were unemployed.

## ARGENTINE MOVEMENT OF GRAIN AND FLAXSEED.

Table 134.—(A) INDEX NUMBERS AND (B) NUMERICAL DATA.

Based on data from commercial and trade sources.<sup>1</sup>

[Base year in bold-faced type.]

YEAR AND MONTH.	SHIPMENTS. <sup>2</sup>				VISIBLE SUPPLY. <sup>3</sup>			SHIPMENTS. <sup>2</sup>				VISIBLE SUPPLY. <sup>3</sup>		
	Wheat.	Corn.	Oats.	Flax-seed.	Wheat.	Corn.	Flax-seed.	Wheat.	Corn.	Oats.	Flax-seed.	Wheat.	Corn.	Flax-seed.
	Relative to 1913 or 1914.							Thousands of bushels.						
	A.—INDEX NUMBERS.							B.—NUMERICAL DATA.						
1913 monthly average.....	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	.....	<b>8,611</b>	<b>15,770</b>	<b>5,118</b>	<b>3,336</b>	<b>2,588</b>	<b>3,496</b>	.....
1914 monthly average.....	35	71	40	83	37	149	<b>100</b>	3,002	11,204	2,036	2,761	964	5,193	728
1915 monthly average.....	89	92	67	97	179	219	194	7,681	14,435	3,408	3,222	4,641	7,647	1,415
1916 monthly average.....	32	60	90	63	396	299	326	7,027	9,428	4,618	2,099	10,256	10,445	2,374
1917 monthly average.....	32	15	30	14	183	106	71	2,745	2,352	1,557	467	4,740	3,717	515
1918 monthly average.....	104	11	60	39	276	103	<sup>4</sup> 209	8,959	1,700	3,055	1,304	7,130	3,617	<sup>4</sup> 1,520
1919 monthly average.....	116	40	37	82	116	178	359	9,965	6,234	1,903	2,752	2,992	6,233	2,617
1920 monthly average.....	179	91	46	100	164	195	200	15,383	14,378	2,357	3,324	4,240	6,830	1,457
1921 monthly average.....	62	60	45	125	147	108	394	5,308	9,412	2,298	4,174	3,814	3,767	2,867
<b>1920.</b>														
September.....	27	107	65	103	21	343	192	2,321	16,832	3,318	3,436	555	12,000	1,400
October.....	12	127	24	138	7	286	165	993	20,105	1,217	4,595	185	10,000	1,200
November.....	1	135	11	90	.....	252	220	97	21,334	587	3,012	.....	8,800	1,600
December.....	44	11	52	21	92	137	.....	6,935	585	1,744	555	3,200	1,000	
<b>1921.</b>														
January.....	14	63	30	61	71	46	275	1,223	9,943	1,520	2,022	1,850	1,600	2,000
February.....	70	32	50	85	93	29	412	6,054	5,081	2,557	2,820	2,405	1,000	3,000
March.....	104	18	66	186	143	23	440	8,927	2,874	3,373	6,203	3,700	800	3,200
April.....	157	11	49	153	255	17	549	13,503	1,695	2,525	5,109	6,600	600	4,000
May.....	112	43	38	82	329	137	824	9,655	6,782	1,969	2,720	8,510	4,800	6,000
June.....	86	65	35	122	255	172	385	7,379	10,259	1,798	4,075	6,600	6,000	2,800
July.....	69	123	79	280	143	229	330	5,923	19,466	4,040	9,344	3,700	8,000	2,400
August.....	36	113	88	97	71	149	275	3,133	17,772	4,506	3,236	1,850	5,200	2,000
September.....	20	79	51	125	72	149	357	1,726	12,487	2,632	4,163	1,859	5,200	2,600
October.....	27	63	9	99	100	114	192	2,336	9,990	480	3,302	2,590	4,000	1,400
November.....	12	51	19	58	122	137	192	1,055	7,978	978	1,934	3,145	4,800	1,400
December.....	32	55	23	155	114	92	495	2,782	8,616	1,193	5,162	2,960	3,200	3,600
<b>1922.</b>														
January.....	87	37	43	76	229	69	275	7,530	5,788	2,196	2,538	5,920	2,400	2,000
February.....	223	48	86	80	272	57	302	19,213	7,603	4,414	2,662	7,030	2,000	2,220
March.....	321	28	50	80	186	46	385	27,600	4,485	2,556	2,661	4,810	1,600	2,800
April.....	219	22	35	68	286	80	385	18,852	3,398	1,789	2,271	7,400	2,800	2,800
May.....	137	54	29	109	214	149	247	11,782	8,401	1,461	3,627	5,550	5,200	1,800
June.....	158	43	55	112	143	92	220	13,622	6,842	2,809	3,749	3,700	3,200	1,600
July.....	154	51	25	161	129	69	220	13,265	8,001	1,290	5,380	3,328	2,400	1,600
August.....	99	45	25	154	71	34	137	8,482	7,168	1,258	5,129	1,850	1,200	1,000
September.....	61	62	10	56	71	114	137	5,234	9,790	501	1,861	1,850	4,000	1,000
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Shipments of wheat, corn, and oats as reported in the *Northwestern Miller*. Shipments and visible supply of flaxseed as reported in the *Oil, Paint, and Drug Reporter*. Visible supply of wheat and corn in chief ports reported by *Modern Miller*.

<sup>2</sup> Monthly figures are totals of weekly figures with first and last week of month prorated.

<sup>3</sup> At end of week nearest end of the month.

<sup>4</sup> Ten-month average.

## WORLD PRODUCTION OF COTTON.\*

Country.....	World total.	Peru.	United States.	Mexico.	India.	Brasil.	Egypt.
New crop available.....		June.	August.	August.	November.	September.	September.
Thousands of bales (478 pounds net).							
Normal consumption (1909-1913).....							
1909-1913 average.....	20,660	106	13,033	193	3,584	322	1,453
1914.....	24,630	129	16,135	108	4,356	387	1,337
1915.....	18,470	113	11,192	95	3,126	282	989
1916.....	18,970	127	11,450	103	3,756	281	1,048
1917.....	18,370	125	11,302	135	3,390	345	1,304
1918.....	18,580	129	12,041	203	3,324	339	999
1919.....	19,925	155	11,421	199	4,850	384	1,155
1920.....	20,940	164	13,440	188	3,013	451	1,251
1921.....	14,890	157	7,954	126	3,735	612	684
1922, latest estimates.....			10,135	<sup>1</sup> 115	( <sup>2</sup> )		1,070

<sup>1</sup>From private sources.<sup>2</sup> 1922 acreage 12,496,000 compared with 11,976,000 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	531	136	236	361	221	34	110
1909-1913 average.....	3,577	157	85	351	687	130	183	317	152	87	197
1914.....	3,586	114	103	312	891	116	170	283	146	49	161
1915.....	4,199	169	25	377	1,026	139	171	223	142	89	394
1916.....	<sup>1</sup> 2,609	173	179	323	636	152	177	205	<sup>2</sup> 110	78	263
1917.....	<sup>1</sup> 2,288	80	152	282	637	143	140	135	<sup>3</sup> 82	.....	234
1918.....	<sup>1</sup> 2,804	184	115	370	921	136	183	226	<sup>3</sup> 86	<sup>4</sup> 18	189
1919.....	<sup>1</sup> 2,743	172	76	280	968	129	170	<sup>2</sup> 187	<sup>3</sup> 80	<sup>6</sup> 66	193
1920.....	<sup>1</sup> 2,868	214	46	377	833	139	141	<sup>4</sup> 237	<sup>4</sup> 83	<sup>4</sup> 70	263
1921.....	<sup>1</sup> 3,049	170	146	250	795	145	193	<sup>4</sup> 323	<sup>4</sup> 108	<sup>4</sup> 76	301
1922, latest estimates.....	<sup>1</sup> 3,012	181	<sup>6</sup> 132	366	810	<sup>6</sup> 126	<sup>6</sup> 162	<sup>6</sup> 235	<sup>6</sup> 70	<sup>4</sup> 77	389

<sup>1</sup> Russia excluded. No accurate statistics are available.<sup>2</sup> Excludes Alsace-Lorraine.<sup>3</sup> Excludes Dobruja.<sup>4</sup> New boundaries.<sup>5</sup> Former kingdom, Bessarabia and Bukowina.<sup>6</sup> From private sources.

\* 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 the Department of Commerce, Bureau of Foreign and Domestic Commerce. Countries are placed in the order in which crops are harvested.

## WORLD PRODUCTION OF CANE SUGAR AND FLAXSEED.\*

YEAR.	CANE SUGAR.								FLAXSEED.				
	World total.	Java.	United States. <sup>1</sup>	Brazil.	Hawaii.	Porto Rico.	Cuba.	India.	World total.	Argentina.	India.	United States.	Canada.
		May.	Oct.	Oct.	Nov.	Dec.	Dec.	Dec.		Jan.	Apr.	Aug.	Aug.
	Thousands of short tons.								Thousands of bushels.				
1909-1913 average..	9,971	1,514	311	* 38	567	363	2,295	2,614	110,180	31,989	19,733	19,505	12,068
1914.....	11,293	1,054	247	344	646	346	2,967	2,757	94,559	36,928	15,448	13,749	7,175
1915.....	12,776	1,797	139	486	593	484	3,437	2,950	103,287	45,040	15,880	14,030	10,628
1916.....	13,442	2,009	311	413	645	503	3,442	3,058	82,151	39,289	19,040	14,296	8,260
1917.....	14,508	1,960	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	61,821	19,588	20,600	13,369	6,055
1919.....	13,799	1,473	122	496	556	485	4,209	3,361	56,611	30,775	9,400	7,256	5,473
1920.....	13,656	1,579	176	580	522	490	4,408	2,826	81,480	42,038	16,760	10,774	7,998
1921.....	* 13,672	1,708	236	676	* 549	* 431	3,960	2,903	78,250	50,470	10,800	8,112	4,112
1922, latest est.....	13,145	* 1,708	328	676	548	431	* 4,308	2,903	.....	32,272	17,360	11,700	5,296

<sup>1</sup> Louisiana and Texas.

\* Exports.

\* From private sources.

## WORLD PRODUCTION OF BEET SUGAR.\*

	World total. <sup>1</sup>	United States.	Germany.	Czecho-slovakia.	Russia.	Poland.	Netherlands.	Belgium.	France.	Italy.	Spain.	Denmark.	Sweden.
	Thousands of short tons.												
1909-1913 average.....	8,432	610	2,296	1,017	1,726	279	246	276	759	209	116	128	154
1914.....	8,331	722	2,721	1,004	1,879	.....	316	215	334	166	112	168	170
1915.....	6,056	374	1,678	812	1,824	239	264	120	156	166	117	143	140
1916.....	5,808	821	1,721	805	1,457	293	286	140	284	160	139	124	151
1917.....	5,208	765	1,726	584	1,134	263	215	136	221	162	154	149	144
1918.....	4,562	761	1,484	688	318	249	182	78	121	120	169	156	141
1919.....	3,490	726	808	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	131
1921.....	4,376	1,020	1,410	729	55	198	382	* 315	318	240	135	158	259
1922 latest estimates.....	.....	674	* 1,709	* 717	(*)	* 248	* 303	* 331	* 496	* 276	* 132	* 143	* 154

<sup>1</sup> Crops in all countries here given are harvested beginning in September.

\* From private sources.

\* Acreage about the same as 1921.

## WORLD PRODUCTION OF RICE.\*

Country.....	World total.	India.	Egypt.	United States.	Italy.	Spain.	Japan.	Dutch East Indies. <sup>1</sup>	Philippines.
	.....	Apr.	Apr.	Aug.	Sept.	Sept.	Nov.	Dec.	Dec.
Millions of pounds (cleaned).									
Normal consumption (1909-1913).....	.....	67,891	.....	875	518	.....	14,602	.....	.....
1909-1913.....	110,780	72,950	553	681	646	297	14,009	7,349	1,124
1914.....	102,986	61,022	81	657	741	337	17,909	7,826	1,404
1915.....	114,500	73,526	542	804	763	320	17,569	.....	1,100
1916.....	112,300	77,932	237	1,135	708	329	18,360	.....	1,289
1917.....	122,000	81,198	487	965	716	322	17,143	8,323	1,745
1918.....	97,400	55,218	692	1,072	712	282	17,184	8,465	2,210
1919.....	117,200	71,613	607	1,166	662	412	19,106	7,051	1,977
1920.....	90,777	62,793	634	1,446	997	394	19,849	6,480	2,127
1921.....	117,280	73,907	472	1,014	640	356	17,336	6,007	2,427
1922 latest estimates.....	.....	73,907	* 33	1,088	(*)	.....	(*)	5,552	2,353

<sup>1</sup> Java and Madura.

\* Acreage about half of normal: Summer crop only given.

\* About same as last year.

\* 1922 acreage 296,500 compared with 286,400 acres in 1921.

\*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 the Department of Commerce, Bureau of Foreign and Domestic Commerce. Countries are placed in the order in which crops are harvested.

## SOURCES OF DATA.

SOURCE.	DATA.	CURRENT PUBLICATION. <sup>1</sup>	DATE OF PUBLICATION.
<b>I.—REPORTS FROM GOVERNMENT DEPARTMENTS, FEDERAL, STATE, AND FOREIGN.</b>			
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.....	
CANADIAN DEPARTMENT OF LABOR.....	Price index for Canada.....	Labour Gazette (Canadian).....	Monthly.
	Employment in Canadian trade unions.....	Employment.....	Semimonthly.
	Operations of Canadian employment service.....	Employment.....	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*.....	
FEDERAL RESERVE BANK OF ATLANTA.	Wholesale trade.....	Business Conditions.....	Monthly.
FEDERAL RESERVE BANK OF BOSTON.	Savings deposits in First Federal Reserve District.....	Monthly Review.....	Monthly.
FEDERAL RESERVE BANK OF CHICAGO.	Savings deposits in Seventh Federal Reserve District.....	Business Conditions.....	Monthly.
FEDERAL RESERVE BANK OF CLEVELAND.	Savings deposits in Fourth Federal Reserve District.....	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 NEW YORK.	Foreign exchange rates and index.....	Federal Reserve Bulletin and daily statement.*	Daily and monthly.
	Savings deposits in Second Federal Reserve District.....	Monthly Review.....	Monthly.
FEDERAL RESERVE BANK OF PHILADELPHIA.	Savings deposits in Third Federal Reserve District.....	Business and Financial Conditions.....	Monthly.
	Wholesale trade.....	Business and Financial Conditions.....	Monthly.
FEDERAL RESERVE BANK OF RICHMOND.	Savings deposits in Fifth Federal Reserve District.....	Business and Agricultural Conditions.....	Monthly.
	Wholesale trade.....	Business and Agricultural Conditions.....	Monthly.
FEDERAL RESERVE BANK OF SAN FRANCISCO.	Savings deposits in Twelfth Federal Reserve District.....	Business Conditions.....	Monthly.
	Wholesale trade.....	Business Conditions.....	Monthly.
FEDERAL RESERVE BOARD.....	Foreign exchange index numbers.....	Federal Reserve Bulletin.....	Monthly (second week of month).
	Debits to individual accounts.....	Federal Reserve Bulletin and weekly press releases.*	Sunday newspapers and monthly.
	Condition of Federal Reserve banks.....	Federal Reserve Bulletin and weekly press releases.*	Friday morning newspapers and monthly.
	Condition of reporting member banks.....	Federal Reserve Bulletin and weekly press releases.*	Friday afternoon newspapers and monthly.
	Money held outside U. S. Treasury and Federal Reserve Systems 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.
FEDERAL TRADE COMMISSION.....	Index of ocean freight rates.....	Federal Reserve Bulletin.....	Monthly.
	Paper and wood pulp production, prices, etc.	Monthly press releases *.....	Newsprint, 20th to 25th of the month; other paper and wood pulp, 1st of following month.
FRENCH MINISTRY OF LABOR AND SOCIAL WELFARE.	Price index for France.....	Bulletin de la Statistique Generale.....	
INDIAN DEPARTMENT OF STATISTICS.....	Price index for India.....	Federal Reserve Bulletin.....	Second week of month.
INTERSTATE COMMERCE COMMISSION.....	Railway revenues and expenses.....	Preliminary statement of operations of Class I roads.	Monthly.
	Telephone operating revenue and income.....	Not published.....	
	Telegraph operations and income.....	Not published.....	
	Express operations and income.....	Not published.....	
	Milk receipts at Boston.....	Not published.....	
MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES.	New York State factory employment and earnings.....	Labor Market Bulletin and press releases *.....	Monthly.
NEW YORK STATE DEPARTMENT OF LABOR.	New York State canal traffic.....	Annual report.....	Yearly.
NEW YORK STATE DEPARTMENT OF PUBLIC WORKS.	Panama Canal traffic.....	The Panama Canal Record.....	Last weekly issue of month.
PANAMA CANAL.....	Unemployment in Pennsylvania.....	Semimonthly report *.....	Semimonthly.
PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY.	Beef, pork, and lamb production.....	Market Reporter <sup>2</sup> .....	Last weekly issue of month or first of next month.
U. S. DEPARTMENT OF AGRICULTURE—BUREAU OF ANIMAL INDUSTRY.	Prices of farm products to producer.....	Monthly Crop Reporter <sup>1</sup> .....	Monthly.
U. S. DEPARTMENT OF AGRICULTURE—BUREAU OF AGRICULTURAL ECONOMICS	Wool consumption and stocks.....	Market Reporter <sup>2</sup> .....	First weekly issue of month.
	Crop production.....	Monthly Crop Reporter <sup>1</sup> and press releases.*	Releases about 1st of month (cotton) and 10th (other crops).
	Cold-storage holdings and fish frozen.....	Market Reporter <sup>2</sup> .....	Fourth weekly issue of month.
	Movement of cattle, hogs, and sheep.....	Market Reporter <sup>2</sup> .....	Third weekly issue of month.
	Receipts of butter, cheese, eggs and poultry.....	Market Reporter <sup>2</sup> .....	Weekly.
	Production of dairy products.....	Market Reporter <sup>2</sup> .....	Quarterly.
	Car lot shipments of fruits and vegetables.....	Market Reporter <sup>1</sup> .....	Third weekly issue of month.
	Farm labor, wages, supply, etc.....	Monthly Crop Reporter <sup>1</sup> .....	Monthly.
	World crop production.....	Foreign crops and markets*.....	Weekly.
U. S. DEPARTMENT OF AGRICULTURE—FOREST SERVICE.	Total lumber production from 1913 to 1920.....	Production of Lumber, Lath and Shingles.....	Yearly.
	Wood pulp production, 1914 and 1916.....	Pulpwood consumption and Wood-pulp. Production.....	Yearly.
U. S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS.	Cotton ginned.....	Preliminary report on ginnings *.....	Semimonthly during season.
	Cotton consumed and on hand.....	Preliminary report on cotton consumed.....	15th of month.
	Active textile machinery.....	Reports on wool machinery and on cotton spindles.*	20th of month.
	Leather, hides and shoes, production and stocks.....	Census of hides, skins, and leather *.....	First week of month.
	Cotton seed and cottonseed oil.....	Preliminary report on cotton seed.....	18th of month.
	Stocks of tobacco held by manufacturers and dealers.....	Statement on stocks of leaf tobacco.....	Quarterly (one month after end of quarter).

\* Multigraphed or mimeographed sheets.

<sup>1</sup> 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.

<sup>2</sup> Beginning Jan. 7, 1922, combined into new publication called *Weather, Crops, and Markets*, issued weekly.





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CHICAGO BOARD OF TRADE.....	Wheat, corn and oats, receipts, etc.....	Trade papers.....	Daily.
CONTAINER CLUB.....	Production of paper box board.....	Not published.....	
CREDIT CLEARING HOUSE.....	Credit conditions.....	Credit.....	Weekly
DAIRYMEN'S LEAGUE COOPERATIVE ASSOCIATION, INC. F. W. DODGE CO.....	Milk deliveries to milk plants..... Building statistics—Contracts awarded.....	Not published..... Statement on Building Statistics.....	Monthly.
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.
FINE COTTON GOODS EXCHANGE.....	Fine cotton goods production and sales.....	Trade papers.....	
GEORGE A. FULLER COMPANY.....	Hotel and office building costs.....	Not published.....	
ILLUMINATING GLASSWARE GUILD.....	ILLUMINATING glassware production, orders, etc.	Not published.....	
JACKSONVILLE CHAMBER OF COMMERCE	Turpentine and rosin receipts.....	Naval Stores Review.....	Weekly.
KNIT GOODS MANUFACTURERS OF AMERICA.	Knit underwear production, etc.....	Monthly report *.....	Monthly.
LEATHER BELTING EXCHANGE.....	Sales of leather belting.....	Monthly report (not published).....	
MAPLE FLOORING MANUFACTURERS' ASSOCIATION.	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..... Mississippi River traffic.....	Receipts and shipments at St. Louis..... Not published.....	3d of month.
MICHIGAN HARDWOOD MANUFACTURERS' ASSOCIATION.	Hardwood and softwood lumber, production and shipments.	Not published.....	
MINNEAPOLIS CHAMBER OF COMMERCE.	Linseed oil and oil-cake shipments.....	Monthly statements.....	
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NATIONAL ASSOCIATION OF SHEET AND TIN PLATE MANUFACTURERS.	Sheet-metal production and stocks.....	Not published.....	
NATIONAL ASSOCIATION OF WOOL MANUFACTURERS.	1913 figures for active textile machinery.....	No longer published.....	
NATIONAL AUTOMOBILE CHAMBER OF COMMERCE.	Production and shipments of passenger cars and trucks.	Traffic bulletin * (production figures not published).	Second week of month.
NATIONAL BOTTLE MANUFACTURERS' ASSOCIATION.	Glass bottle production index.....	Not published.....	
NATIONAL INDUSTRIAL CONFERENCE BOARD.	Cost of living.....	Monthly press release.....	21st of month.
NATIONAL RETAIL DRY GOODS ASSOCIATION.	Department store trade (see Federal Reserve Board).	Federal Reserve Bulletin.....	Monthly.
NATIONAL WOOD CHEMICAL ASSOCIATION.	Production of wood alcohol and acetate of lime.	Not published.....	
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NEW YORK METAL EXCHANGE.....	Stocks of tin.....	Trade papers.....	First week of month.
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NORTHERN HEMLOCK AND HARDWOOD MANUFACTURERS' ASSOCIATION.	Hemlock and hardwood lumber production, etc.	Not published.....	
NORTHERN PINE MANUFACTURERS' ASSOCIATION.	Northern pine lumber and lath.....	Not published.....	
OAK FLOORING MANUFACTURERS' ASSOCIATION.	Oak flooring, production, etc.....	Not published.....	
OHIO FOUNDRYMEN'S ASSOCIATION..	Ohio foundry iron production.....	Monthly report * (not published).....	
OPTICAL MANUFACTURERS' ASSOCIATION.	Spectacle frames and mountings, sales, etc.....	Not published.....	
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.....	
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REFRATORIES MANUFACTURERS' ASSOCIATION.	Fire-clay brick production, etc.....	Not published.....	
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ROPE PAPER SACK MANUFACTURERS' ASSOCIATION.	Shipments of rope paper sacks.....	Not published.....	
RUBBER ASSOCIATION OF AMERICA....	Automobile tires, tubes, and raw material.	Monthly reports (not published).....	
SANITARY POTTERS' ASSOCIATION.....	Sanitary pottery orders.....	Not published.....	
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SAVINGS BANKS ASSOCIATION OF STATE OF NEW YORK.	Savings banks deposits in New York State....	Not published.....	
SILK ASSOCIATION OF AMERICA.....	Raw silk consumption, etc.....	Monthly press release to trade papers *....	5th of month.
SOUTHERN PINE ASSOCIATION.....	Yellow pine production and stocks.....	Not published in form used.....	
STEEL BARREL MANUFACTURERS' ASSOCIATION.	Steel barrel shipments.....	Monthly reports * (not published).....	
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\* Multigraphed or mimeographed sheets.

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TANNERS' COUNCIL.....	Leather production through May, 1922.....	Not published.....	
TWIN CITY MILK PRODUCERS' ASSOCIATION.	Milk production, Minnesota.....	Not published.....	
U. S. STEEL CORPORATION.....	Unfilled orders.....	Press release *.....	10th of month.
	Earnings.....	Press release *.....	Monthly.
	Stockholders.....	Financial papers.....	Quarterly.
	Wages of common labor.....	Special reports *.....	Occasionally.
UNITED TYPOTHETAE OF AMERICA.....	Printing activity.....	Typothetae Bulletin.....	Monthly.
WEST COAST LUMBERMEN'S ASSOCIATION.	Douglas fir lumber production, etc.....	Not published.....	
WEBBING MANUFACTURERS' EXCHANGE.	Sales of elastic webbing.....	Not published.....	
WESTERN PINE MANUFACTURERS' ASSOCIATION.	Western pine lumber production, etc.....	Not published.....	

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**III.—REPORTS FROM TECHNICAL PERIODICALS.**

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THE ANNALIST.....	New York stock sales.....	First weekly issue of month (Mondays).
	New York closing stock prices.....	Weekly (Mondays).
	Foreign exchange rates, 1914 to 1918.....	Weekly (Mondays).
THE BOND BUYER.....	State and municipal bond issues.....	First weekly issue of month (Saturdays).
	Municipal bond yields.....	First weekly issue of month (Saturdays).
BRADSTREET'S.....	Visible supply of wheat and corn.....	Weekly (Saturdays).
	Bank clearings, United States and Canada.....	First weekly issue of month (Saturdays).
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CHEMICAL AND METALLURGICAL ENGINEERING.....	Chemical price index.....	Weekly (Wednesdays).
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COMMERCIAL AND FINANCIAL CHRONICLE.....	Cotton (visible supply).....	Weekly (Saturdays).
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DOW, JONES & Co. (WALL STREET JOURNAL).....	New York bond sales.....	First week of month (daily).
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FINANCIAL POST.....	Canadian bond issues.....	Weekly (Thursdays).
FRANKFURTER ZEITUNG.....	Price index for Germany.....	Monthly.
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IRON TRADE REVIEW.....	Iron and steel prices.....	Weekly (Thursdays).
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MODERN MILLER.....	Argentine visible supply of wheat and corn.....	Weekly.
NAVAL STORES REVIEW.....	Turpentine and rosin, receipts and stocks.....	Weekly (Saturdays).
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NEW YORK JOURNAL OF COMMERCE.....	Dividend and interest payments.....	First week of month (daily).
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NEW YORK EVENING POST.....	Newspaper advertising.....	Not published.
NORTHWESTERN MILLER.....	Flaxseed, receipts, etc.....	Weekly (Wednesdays).
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OIL TRADE JOURNAL.....	Mexican petroleum shipments.....	10th of month (monthly).
PRINTERS' INK.....	Magazine advertising.....	Second week of month.
RUSSELL'S COMMERCIAL NEWS.....	Wheat flour production, from July, 1920.....	Weekly compilation (daily).
STATISTICAL SUGAR TRADE JOURNAL.....	Sugar stocks, receipts, meltings, and Cuban statistics.....	Weekly (Fridays).
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