

DECEMBER, 1932

SURVEY

OF

CURRENT BUSINESS



UNITED STATES
DEPARTMENT OF COMMERCE
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
WASHINGTON

Many new series of statistical data added beginning with this issue —

THIS is the first general revision since June, 1932, when the series in the monthly numbers and the 1932 ANNUAL SUPPLEMENT were brought into exact conformity. More than 80 series have been added while, owing to lack of current statistics, approximately the same number has been dropped. For the series discontinued the November issue brought the record up to the latest month for which data are available.

All of the new series added have been indicated with an asterisk (*). Data for earlier months are not in the 1932 ANNUAL SUPPLEMENT but, in some instances, have been published in the monthly issues and will be found on the pages indicated in the footnotes. Back data for the other series will be presented in early issues. In subsequent numbers references to back data not given in the 1932 ANNUAL SUPPLEMENT will be given in the footnotes. A record of the new series added as well as those discontinued appears on page 56, this issue.

The large reduction in the printing funds available to the BUREAU for the current year makes it impossible to print an ANNUAL SUPPLEMENT to the SURVEY OF CURRENT BUSINESS IN 1933. It is important, consequently, that these tables giving the back data for the new series be preserved, if you wish later to have a complete statistical record through the year 1932.

New subscribers to the SURVEY will be furnished with a copy of the 1932 ANNUAL SUPPLEMENT until the supply is exhausted.

WEEKLY DATA THROUGH NOVEMBER 26, 1932
MONTHLY DATA THROUGH OCTOBER

SURVEY OF CURRENT BUSINESS

PUBLISHED BY

UNITED STATES DEPARTMENT OF COMMERCE
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
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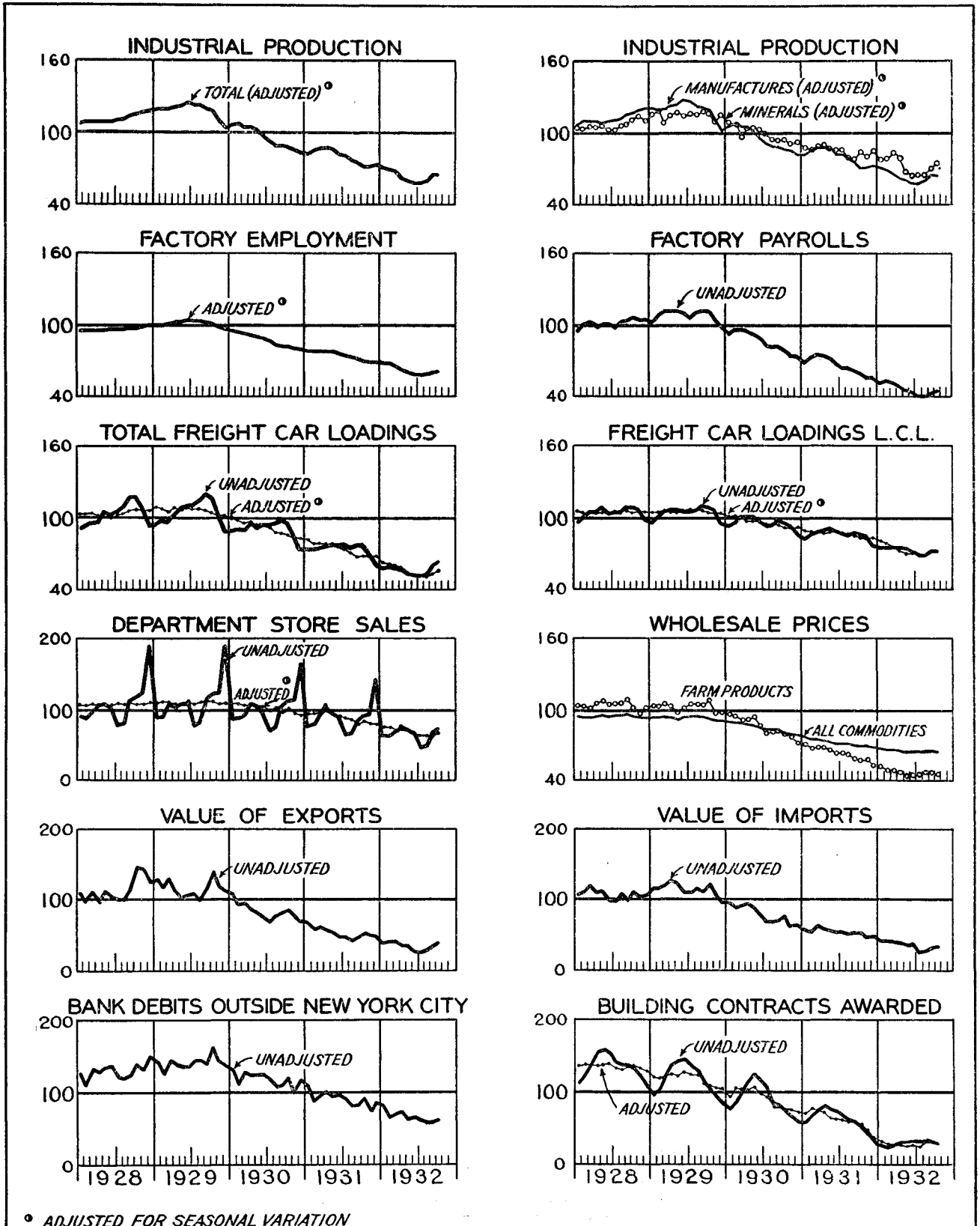
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Business Indicators

1923-1925=100



Business Situation Summarized

BUSINESS activity was maintained during October at the level reached in the preceding month. Toward the close of the month and in the first half of November there was some slowing down which, however, was mainly seasonal. Industrial production in October was at the same rate as in September, employment and pay rolls expanded further, freight-car loadings increased, retail sales were larger, and construction activity declined. Foreign trade increased. The October advance in both exports and imports was of full seasonal proportions for the first time since 1929.

Industrial output was unchanged from the September level, as a result of a further increase in mineral production, principally coal. Manufacturing production was slightly lower for the month and the consumer goods industries, which have been responsible for the major part of the fall rise, showed some recession. The decline in textiles was not pronounced, but there is usually an increase in October. The decline in the output of food products and of tobacco manufactures was in excess of the seasonal movement, but in the leather products industry the decline was less than seasonal. The heavy industries, with the exception of automobiles, made a relatively better record in October, although activity in these lines has not been so pronounced as in the industries producing consumer goods. The iron and steel, lumber, cement, and electric power industries all showed gains for the month.

Employment conditions were further improved during October, marking the third successive monthly gain. Factory employment increased 1.3 per cent after allowance for seasonal factors, and, as in the preceding month, the increases were rather widespread. Pay-roll disbursements were also larger for the month.

Freight-car loadings through the middle of October expanded by more than the normal seasonal amount, and for the month as a whole the adjusted index advanced 5.5 per cent. Since reaching the fall peak, loadings have receded by somewhat more than usual. Merchandise l. c. l. shipments were unchanged from the preceding month and the adjusted index was only slightly above the August low.

Commodity prices continued reactionary throughout October. The wholesale price index averaged lower for the month, following three monthly increases since June, but quotations in the first three weeks of November have displayed a firming tendency.

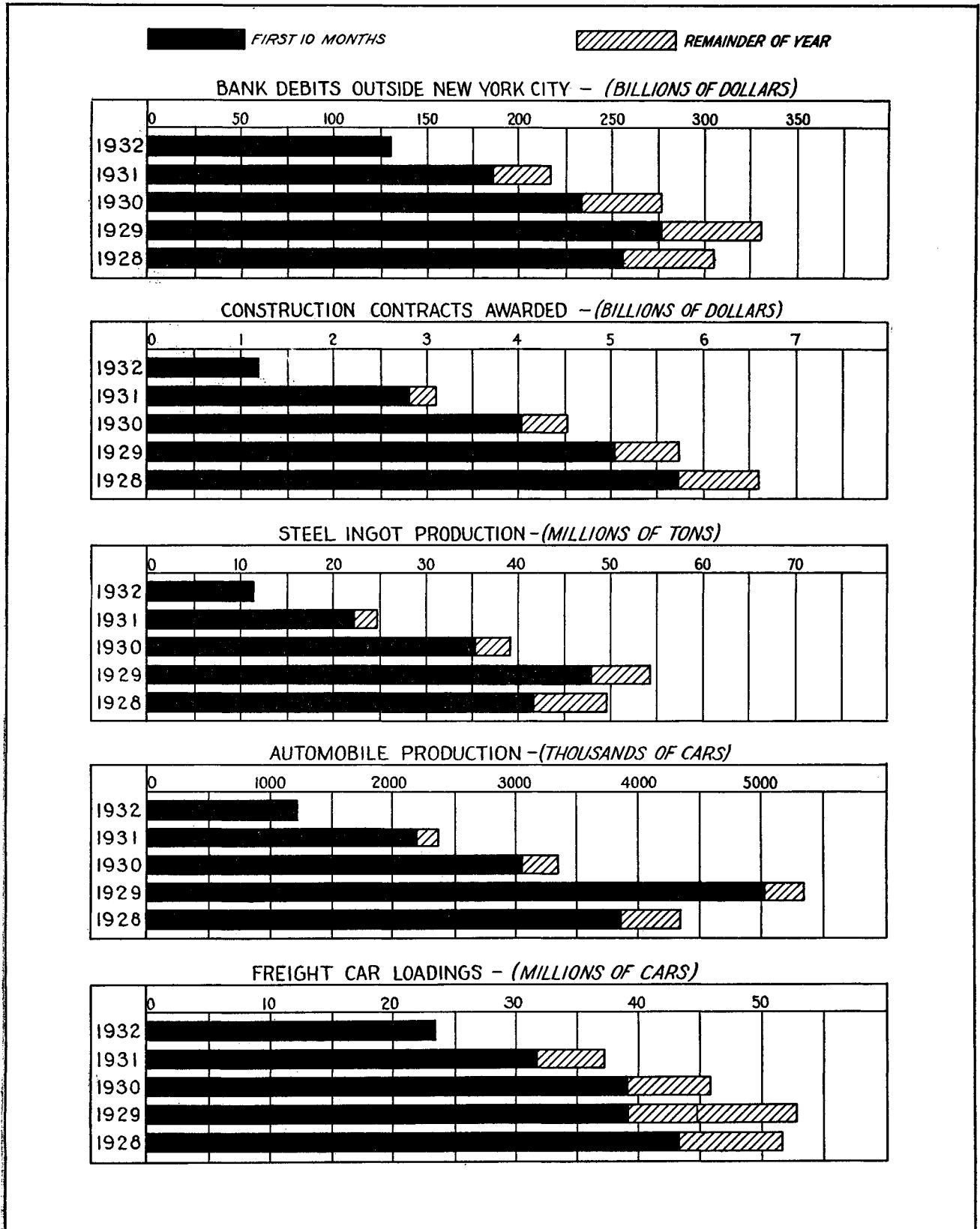
Banking statistics reveal a continuation of the trends of the preceding month. Bank deposits increased, loans were further liquidated, money in circulation declined, gold stocks increased, and bank failures remained low. Security prices declined during October and November, but the turnover has been small. Commercial failures increased in October, but for the first time since September, 1931, were below the total for the same month of the preceding year. Liabilities involved were the lowest of the year.

MONTHLY BUSINESS INDEXES

Year and month	Industrial production						Factory employment and payrolls		Freight-car loadings				Department store sales, value		Foreign trade, value, adjusted ²		Bank debits outside New York City	Construction contracts, all types, value, adjusted ¹	Wholesale price index, 784 commodities
	Unadjusted ¹			Adjusted ²			Number of employees, adjusted ²	Amount of pay rolls, unadjusted	Total		Merchandise, l. c. l.		Unadjusted ¹	Adjusted ²	Exports	Imports			
	Total	Manufactures	Minerals	Total	Manufactures	Minerals			Unadjusted ¹	Adjusted ²	Unadjusted ¹	Adjusted ²							
Monthly average 1923-1925=100																			
1930: October.....	90	87	105	88	86	95	82.2	80.8	97	86	97	93	112	102	71	75	120.0	78	83.0
1931:																			
October.....	75	72	90	73	71	82	70.3	59.4	78	69	87	83	93	86	44	51	91.9	55	70.3
November.....	72	70	83	73	71	81	69.3	56.2	70	68	85	83	95	83	44	46	74.0	49	70.2
December.....	68	66	79	74	73	84	69.4	55.8	61	69	77	83	142	81	46	43	86.7	38	68.6
1932:																			
January.....	71	70	74	72	71	77	68.1	52.4	58	64	75	81	64	78	39	42	80.6	31	67.3
February.....	71	70	75	70	68	78	67.8	53.6	59	62	75	78	64	78	45	41	65.2	27	66.3
March.....	68	66	77	67	64	84	66.4	52.3	58	61	75	75	70	72	41	37	69.6	26	66.0
April.....	64	63	72	63	61	79	64.3	48.7	57	59	75	73	76	80	38	36	72.8	27	65.5
May.....	61	60	65	60	58	67	62.1	46.2	53	54	74	71	73	73	37	34	63.4	26	64.4
June.....	59	59	61	59	58	63	60.0	42.6	52	52	71	71	67	71	34	36	65.4	27	63.9
July.....	56	55	62	58	57	64	58.3	39.6	51	51	68	69	47	67	32	27	63.4	27	64.5
August.....	59	58	66	60	59	65	58.8	40.1	53	51	68	68	50	66	31	29	59.6	30	65.2
September.....	67	66	73	66	65	70	60.3	42.1	61	54	72	69	73	70	33	32	59.6	30	65.3
October.....	67	65	80	66	64	74	61.1	43.5	65	57	72	69	77	71	33	32	62.6	29	64.4
Monthly average, January through October:																			
1930.....	99	99	101				89.3	90.1	94		98		95		89	82	119.0	94	87.6
1931.....	83	83	84				75.8	68.0	77		88		85		55	56	94.2	66	73.7
1932.....	64	63	71				62.7	46.1	57		73		66		36	35	66.2	28	65.3

¹ Adjusted for number of working days.² Adjusted for seasonal variation.

Comparison of Principal Data, 1928 to 1932



Commodity Prices

FURTHER recession occurred in commodity prices in October and the first half of November, but wholesale prices of farm products and foods again turned upward in the second week of the latter month. The combined index of wholesale prices advanced fractionally during the two weeks ended November 19, to a level slightly above that prevailing at the end of October, but Department of Agriculture data indicate that farm prices on November 15, were somewhat lower than in mid-October. Food retail prices declined fractionally and the cost of living was further reduced.

After advancing for three consecutive months, wholesale commodity prices reacted sharply in October, averaging 1.4 per cent lower than in the preceding month, and only 0.8 per cent above the June low. From September to October prices of farm products fell 4.5 per cent as a result of a 12 per cent price drop in livestock and poultry and an 8 per cent decline in grains. Food prices declined 2.1 per cent. Textile products prices reacted sharply in October, after showing considerable advances in August and September, due to recessions of 7.1 per cent in prices of clothing, 5.5 per cent in prices of silk and rayon, and 2.9 per cent in prices of cotton goods; knit goods prices were 1 per cent higher, the third consecutive rise, reaching the highest level since last April. Only fractional declines occurred in the groups of chemicals

and miscellaneous products. Hides and leather products rose slightly, the third consecutive advance, although the increase was less than in either August or September. A 1.5 per cent rise in anthracite coal and petroleum products caused the fuel and lighting materials groups to average fractionally higher than in September. Prices of metal products and building materials also advanced fractionally.

Little change occurred in the level of food retail prices in October. Most of the advances were 1 per cent or less, and meats generally fell 2 to 6 per cent.

Fairchild's index of retail prices of department store articles is presented for the first time in the SURVEY in this issue. Such prices declined slightly from October 1 to November 1, after having remained unchanged for two months. The index during the current year has averaged 18 per cent below the same period of 1931 and on November 1 was 15 per cent lower than a year ago.

After remaining steady or advancing from July to September, farm prices fell 5 per cent from September 15 to October 15. Grain prices dropped 12 per cent, the sharpest fall since July, 1931. Prices of fruits and vegetables declined 13 per cent and those of meat animals and cotton and cottonseed receded about 11 per cent each. Dairy and poultry products prices rose 8.5 per cent, the fourth consecutive advance.

INDEXES OF COMMODITY PRICES

Year and month	Wholesale (Department of Labor)															Cost of living (National Industrial Conference Board)	Farm, combined index, 27 commodities (Department of Agriculture)	Retail			
	Economic classes			Groups														Foods (Department of Labor)	Department store articles (Fairchild)		
	Finished products	Raw materials	Seminanufactures	Farm products	Grains	Foods	Meats	Other than farm products and foods	Building materials	Chemicals and drugs	Fuel and lighting	Hides and leather	House-furnishing goods	Metals and metal products	Textile products					Miscellaneous	
Monthly average 1926=100															Mo. average 1923=100	Mo. average 1909 to 1914=100	Mo. average 1913=100	Dec. 1930 (Jan. 1, 1931)=100			
1930: October.....	83.0	85.4	79.9	76.8	82.5	72.1	88.8	96.7	82.1	86.3	86.7	77.6	96.6	92.1	87.9	74.7	74.7	94.8	106	144	-----
1931:																					
October.....	70.3	75.1	61.5	65.2	58.8	44.3	73.3	71.1	72.9	76.1	75.6	67.8	82.5	81.0	82.8	63.0	66.6	84.9	68	119	86.2
November.....	70.2	74.8	62.0	64.9	58.7	51.3	71.0	67.7	73.5	76.2	76.1	69.4	81.6	80.9	82.6	62.2	68.7	83.9	71	117	84.8
December.....	68.6	73.3	60.2	63.7	55.7	47.0	69.1	63.2	72.3	75.7	76.1	68.3	79.8	78.5	82.2	60.8	66.8	83.1	66	114	83.5
1932:																					
January.....	67.3	72.1	58.3	63.1	52.8	46.7	64.7	61.9	71.7	74.8	75.7	67.9	79.3	77.7	81.8	59.9	65.6	81.4	63	109	81.3
February.....	66.3	71.4	56.9	61.9	50.6	46.1	62.5	59.5	71.3	73.4	75.5	68.3	78.3	77.5	80.9	59.8	64.7	80.1	60	105	80.1
March.....	66.0	71.5	56.1	60.8	50.2	43.5	62.3	61.4	70.9	73.2	75.3	67.9	77.3	77.1	80.8	58.7	64.7	79.6	61	105	79.2
April.....	65.5	71.1	55.5	59.6	49.2	44.5	61.0	59.8	70.9	72.5	74.4	70.2	75.0	76.3	80.3	57.0	64.7	78.8	59	104	78.2
May.....	64.4	70.3	53.9	58.1	46.6	42.6	59.3	56.5	70.4	71.5	73.6	70.7	72.5	74.8	80.1	55.6	64.4	77.9	56	101	76.8
June.....	63.9	70.0	53.2	57.6	45.7	37.7	58.8	56.0	70.1	70.8	73.1	71.6	70.8	74.7	79.9	53.9	64.2	77.2	52	100	75.1
July.....	64.5	70.5	54.7	55.5	47.9	36.7	60.9	62.0	69.7	69.7	73.0	72.3	68.6	74.0	79.2	52.7	64.3	77.0	57	101	74.0
August.....	65.2	70.7	55.7	57.9	49.1	38.2	61.8	61.9	70.1	69.6	73.3	72.1	69.7	73.6	80.1	54.0	64.6	76.8	59	101	73.6
September.....	65.3	70.4	56.2	60.7	49.1	37.4	61.8	60.9	70.4	70.5	72.9	70.8	72.2	73.7	80.1	57.0	64.7	76.6	59	100	73.6
October.....	64.4	69.6	54.6	60.7	46.9	34.4	60.5	56.4	70.2	70.7	72.7	71.1	72.8	73.7	80.3	55.0	64.1	76.1	56	100	73.3
Monthly average, January through October:																					
1930.....	87.6	88.8	86.3	83.2	90.7	81.5	91.8	100.1	86.1	90.8	89.8	79.3	101.6	93.2	92.9	81.6	78.6	96.7	120	149	-----
1931.....	73.7	77.6	66.5	70.0	66.4	54.0	75.5	77.4	75.5	79.8	80.0	67.2	87.2	86.0	85.0	67.4	70.0	87.3	83	123	93.6
1932.....	65.3	70.8	55.5	59.6	48.8	40.8	61.4	59.6	70.6	71.7	74.0	70.3	73.7	75.3	80.4	56.4	64.6	78.2	58	103	70.5

Domestic Trade

SEASONAL increases characterized both wholesale and retail trade during October and early November, although wholesalers and jobbers have not participated in the upward movement to the same degree as have the retailers. Early reports on holiday stocks indicate that some expansion has occurred, but the seasonal holdings by retail establishments are not expected to reach the level of a year ago. October department store sales were in line with the general trade movement and the increase was sufficient to raise the adjusted index above the September level. Actual sales volume during the month increased 5.5 per cent. The decline in sales in the eastern district was less than the average drop of 21 per cent for the entire country. The best relative showing for the month was in the Dallas, Philadelphia, and Minneapolis districts.

Improvement in chain store and mail order merchandising which appeared during the early fall has been maintained through October and the first half of November. October average daily sales by 20 leading chains were 4 per cent above the September total. However, the index, which is based on the average sales for the same month in the three base years 1929-1931, fell back to the level of August, which was the low point of the year. The index of 20 chain store companies given below is presented in the SURVEY for the first time in this issue.

Mail-order sales and the movement of goods through stores operated by mail-order companies increased 16

per cent in October, but were 13 per cent below the same month last year. The volume of goods moved by the two leading companies during the first 10 months of the current year was not appreciably less than a year ago, but due to price adjustments the value of sales declined 21 per cent. Five-and-ten-cent store merchandising did not keep pace with the other outlet groups and, despite a seasonal gain of 15 per cent in actual sales during October, the adjusted index moved downward.

Shipments of less-than-car-lot freight in October conformed to the established seasonal movement. The slight gains of September were maintained, but the adjusted index has advanced only 1 point above the August low.

Commercial failures increased in number during October, but liabilities of insolvent companies were below the total of the preceding month. Both in number and in liabilities, failures were lower than in October, 1931.

Preholiday advertising brought a substantial advance to the total October lineage reported for magazines. The extremely low figures of the preceding quarter served to accentuate the autumn rise, which reached 26 per cent. The total was 36 per cent below October, 1931, and was approximately half the amount recorded two years ago. Newspaper lineage also extended the increase of the preceding month and was 42 per cent above the low point of July and August.

DOMESTIC TRADE STATISTICS

Year and month	Department-store sales		Department-store stocks ³		Freight-car loadings, merchandise, l.c.l.		Chain-store sales			Mail-order and store sales, 2 houses	Postal receipts, 50 selected cities	Commercial failures		Advertising lineage		Business incorporations, 4 states	
	Unadjusted ¹	Adjusted ²	Unadjusted	Adjusted	Unadjusted	Adjusted	Combined index (20 companies)	Five-and-ten-cent (variety) store sales				Failures	Liabilities	Magazine	Newspaper		
								Unadjusted	Adjusted								
	Monthly average, 1923-1925=100							Avg. same mo. 1929-1931=100	Monthly average 1923-1925=100			Thousands of dollars		Number	Thousands of dolls.		Thousands of lines
1930: October.....	112	102	101	92	97	93	-----	169	152	68,878	32,279	2,124	56,297	2,569	98	2,901	
1931: October.....	93	86	88	80	87	83	-----	169	152	52,280	28,618	2,362	70,660	1,948	88	2,846	
November.....	95	83	89	79	85	83	-----	148	147	45,898	25,355	2,195	60,660	1,882	82	2,774	
December.....	142	81	73	78	77	83	-----	279	144	58,821	34,966	2,758	73,213	1,626	77	3,012	
1932: January.....	64	78	67	75	75	81	91	115	155	31,975	25,312	3,458	96,860	1,138	68	3,311	
February.....	64	78	69	73	75	78	87	121	156	32,581	24,061	2,732	84,900	1,469	64	2,930	
March.....	70	72	72	70	75	75	85	138	146	33,959	26,677	2,951	93,760	1,677	72	3,202	
April.....	76	80	72	70	75	73	88	134	141	39,745	24,272	2,816	101,069	1,777	71	3,072	
May.....	73	73	70	68	74	71	87	133	138	38,718	22,621	2,788	83,764	1,776	69	2,863	
June.....	67	71	66	68	71	71	84	127	138	39,889	22,006	2,688	76,931	1,523	65	3,107	
July.....	47	67	60	64	68	69	83	118	135	32,073	23,789	2,596	87,190	1,103	50	2,534	
August.....	50	66	59	61	68	68	80	118	127	33,777	23,851	2,796	77,031	928	50	2,909	
September.....	73	70	63	61	72	69	83	123	135	39,156	25,770	2,182	56,128	987	62	2,661	
October.....	77	71	67	61	72	69	80	142	133	45,423	26,711	2,273	52,870	1,246	71	-----	
Monthly average, January through October:																	
1930.....	95	-----	94	-----	98	-----	-----	146	-----	53,450	29,978	2,180	52,934	2,529	89	3,030	
1931.....	85	-----	82	-----	88	-----	-----	145	-----	46,185	27,222	2,333	60,244	1,922	80	3,000	
1932.....	66	-----	67	-----	73	-----	85	127	-----	36,730	24,507	2,728	81,050	1,362	64	2,934	

¹ Corrected to average daily sales.² Adjusted for seasonal variation.³ End of month figures.⁴ 9 months' average.

Employment

EMPLOYMENT increased further during October marking the third successive monthly gain, but the increase was not as great as in the preceding month. Pay-roll disbursements increased by a larger percentage than did the number employed, whereas in the preceding month the gains in employment were not reflected in pay-roll increases to the same relative extent. For the 17 major industrial groups covered by the Bureau of Labor Statistics (including one new group of bank, brokerage, and insurance employees), employment increased 1.1 per cent over September, and pay rolls 3.8 per cent. This compares with increases of 3.5 and 2.5 per cent, respectively, in September.

As in the preceding month, the coal industry reported relatively large aggregate gains in both employment and pay rolls. For the bituminous group, employment was 7.4 per cent larger and pay rolls were up 25 per cent, while in the anthracite industry the increases were 15 and 42 per cent, respectively. Seasonal increases occurred in both employment and pay rolls in the retail and wholesale trade groups, but for the latter the increases were slight. Other nonmanufacturing groups recording increases in both employment and pay rolls included metalliferous mining and crude petroleum producing, while the construction group reported a slight increase in the number of workers with a decline in earnings. Eight groups reflected declines in both employment and pay rolls, but with the exception of the seasonal decrease for the canning and preserving industry the losses were small.

The increase in factory employment in October was contraseasonal and the adjusted index moved upward in continuation of the trend since July. The fall expansion in factory employment has exceeded the usual rise by about 5 per cent. All manufacturing groups, excepting machinery and transportation equipment, reported increased employment in October and for the former the decrease was less than seasonal. The drop in the transportation equipment group reflects the slackening of activity in automobile production, as the railroad group reported a larger number of employees. As measured by the Federal Reserve Board's index factory pay rolls increased 3.3 per cent in October, and the total gain since the July low point has amounted to 10 per cent.

On page 18 of this issue will be found the statistics on average hourly factory earnings computed by the National Industrial Conference Board covering 25 manufacturing industries. These show an almost uninterrupted decline since 1930, when efforts to maintain wage rates in the first year of the depression resulting in an unchanged average in 1930 as compared with 1929. Reductions in the past two years, however, have brought the October, 1932, hourly average to a point 19 per cent below the 1929-30 level. For the same group of industries, October average weekly earnings, reflecting part-time employment as well as the drop in hourly rates, were over 40 per cent below the 1929 level. October and September, however, showed some improvement from the low point.

STATISTICS OF EMPLOYMENT, PAY ROLLS, AND WAGES

Year and month	Factory employment, F. E. B.		Factory pay rolls, unadjusted, F. E. B.	Anthracite mining		Bituminous coal mining		Power, light, and water		Telephone and telegraph		Retail trade		Employment agencies, applicants per 100 jobs	Employment, trade-union members	Wages, common labor in road building	
	Unadjusted	Adjusted		Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls				
	Monthly average, 1923-1925=100			Monthly average, 1929=100												Number	Per cent of total members
1930: October.....	84.3	82.2	80.8	99.0	117.2	91.8	79.4	104.8	105.6	94.5	100.9	95.5	95.1	226	79	39	
1931:																	
October.....	71.4	70.3	59.4	86.8	91.1	81.3	56.2	92.7	93.2	84.1	91.6	89.8	84.6	257	74	35	
November.....	68.7	69.3	56.2	83.5	79.5	81.1	54.6	91.3	93.3	83.5	89.7	90.9	85.4	248	73	34	
December.....	67.9	69.4	55.8	79.8	78.4	81.2	52.3	90.3	91.2	83.1	92.7	106.2	94.1	231	70	33	
1932:																	
January.....	66.3	68.1	52.4	76.2	61.5	80.8	47.0	89.3	88.4	83.0	89.1	84.3	78.0	256	69	32	
February.....	67.3	67.8	53.6	71.2	57.3	77.4	47.0	87.2	86.0	82.0	89.6	80.5	73.7	221	69	33	
March.....	66.3	66.4	52.3	73.7	61.2	75.2	46.8	85.5	85.4	81.7	88.2	81.4	73.4	233	70	34	
April.....	64.0	64.3	48.7	70.1	72.0	65.5	33.9	84.8	82.4	81.2	82.4	81.6	72.7	243	69	33	
May.....	61.3	62.1	46.2	66.9	58.0	62.6	30.7	84.0	84.2	80.6	82.8	80.9	71.1	251	69	32	
June.....	59.1	60.0	42.6	53.0	37.4	60.5	27.3	83.2	80.5	79.9	82.1	79.4	68.2	260	68	33	
July.....	57.2	58.3	39.6	44.5	34.5	58.6	24.4	82.3	78.7	79.1	79.6	74.6	63.3	264	66	32	
August.....	58.6	58.8	40.1	49.2	41.4	59.4	26.4	81.5	76.7	78.1	79.1	72.6	60.7	270	67	32	
September.....	61.5	60.3	42.1	55.3	47.0	62.4	30.2	81.0	74.7	77.4	75.9	77.8	64.6	212	68	32	
October.....	62.0	61.1	43.5	63.9	66.7	67.0	37.8	79.9	74.4	76.2	75.7	81.3	67.1	199	69	32	
Monthly average, January through October:																	
1930.....	89.3	-----	90.1	92.5	94.6	93.6	81.9	102.9	104.2	99.0	103.5	93.7	95.0	• 210	79	40	
1931.....	75.6	-----	68.0	80.3	74.7	83.6	53.3	96.6	97.6	87.2	94.2	87.6	85.9	• 233	74	36	
1932.....	62.4	-----	46.1	62.5	53.7	66.9	35.2	83.9	81.1	79.9	82.6	79.4	69.3	• 246	68	33	

¹Adjusted for season variation.

• 9 months' average.

Finance

A CONTINUED decline in bank loans and record low money rates characterized the general credit situation during October and the first half of November. During the same period security prices tended downward, although during the second week of November a fair degree of firmness was evident. Of more immediate interest than either the domestic situation or the money markets was the weakness in the pound sterling, which, following several months of relative stability, featured the exchange markets after the middle of October and influenced the quotations of numerous other currencies.

In contrast with the further liquidation of member banks' loans, the investments of these institutions showed an increase, largely due to the growth in their holdings of United States Government securities. A further decline in bills discounted has brought member bank indebtedness at the reserve banks to the lowest level since September, 1931. Domestic output and the continued inflow of gold resulted in the addition, during October, of \$72,000,000 to our monetary gold stock. This increase, together with a return of currency from circulation, is reflected in the month's increase in the member bank reserve account and it also proved a contributing factor to the steady easing of money rates. Another factor operating in the same direction was the additional issue of \$30,000,000 in national-bank notes during October.

During the first half of November money rates continued their downward trend. In the final week of October the rate on sixty-day loans fell to one-half of 1 per cent and since that time has given way still further.

On October 13, the renewal rate on call loans fell from 2 per cent to 1 per cent and has persisted at that level since. Rates on time loans and on bankers' acceptances have remained correspondingly low.

Liquidation in the security markets was reflected in the sharp decline during October in brokers' loans, a movement which was perceptibly checked in the first half of November. During a great part of the time since the middle of October, the range of fluctuations in stock price quotations, as well as in the share turnover, has been unusually small. Even for the month as a whole, the reported sales were barely above the exceptionally low levels of the early summer months. Amidst this hesitancy, partially attributable to domestic and international uncertainties, there appeared various factors indicating steady financial improvement. Bank failures have remained at comparatively low levels and, on the basis of the Federal Reserve Board's latest estimates, there has been a marked decrease in the hoarding of money since the middle of the year. At the same time the continuation of gold imports into the United States indicates a growing confidence abroad in the stability of the dollar.

Other banking and money market indicators showed comparatively little change during the period under review. New capital issues remained on a comparatively low level and for the fifth time this year no long-term real-estate bonds were brought upon the market. Savings funds continued to flow into postal savings as shown by the appreciable increase in total accounts credited to depositors. Deposits of New York savings banks showed a slight decline.

CREDIT AND BANKING STATISTICS

Year and month	Bank debits		Reporting member banks, Wednesday closest to end of month			Condition of Federal reserve banks, end of month						Total bankers' acceptances outstanding end of month	Net gold imports including gold released from earmark	Money in circulation	Deposits, New York State savings banks	Postal savings, balance to credit of depositors
	New York City	Outside New York City	Loans on securities	All other loans	Investments	Total reserve bank credit outstanding	Bills discounted	Bills bought in the open market	United States securities	Total deposits	Member bank reserve account					
Millions of dollars																
1930: October..	30,781	23,679	8,065	8,699	6,731	998	207	163	602	2,465	2,418	1,508	20.3	4,501	4,658	192,543
1931:																
October...	20,678	18,125	5,897	7,624	7,700	2,184	728	681	727	2,380	2,167	1,040	-445.3	5,478	5,217	536,660
November..	14,464	14,605	5,807	7,543	7,506	1,931	718	452	717	2,252	2,051	1,002	117.7	5,518	5,213	564,809
December..	19,233	17,112	5,777	7,327	7,428	1,853	638	339	817	2,125	1,961	974	33.9	5,611	5,255	605,112
1932:																
January...	17,676	15,893	5,574	7,256	7,149	1,856	899	153	746	2,093	1,947	961	-47.6	5,645	5,240	665,587
February...	14,381	12,870	5,440	7,148	6,935	1,709	828	109	740	1,937	1,849	919	-64.2	5,627	5,242	691,794
March.....	16,160	13,729	5,328	6,883	7,143	1,597	639	68	872	2,012	1,924	911	33.6	5,531	5,293	705,336
April.....	15,558	14,366	5,099	6,783	7,151	1,850	556	48	1,228	2,225	2,124	879	-26.2	5,452	5,262	722,121
May.....	12,913	12,498	4,907	6,724	7,385	2,096	490	36	1,549	2,240	2,113	787	-217.7	5,456	5,243	742,645
June.....	14,202	12,901	4,745	6,518	7,491	2,310	440	67	1,784	2,028	1,982	747	-234.8	5,530	5,282	783,740
July.....	12,728	12,511	4,631	6,365	7,700	2,439	538	43	1,841	2,158	2,052	705	52.8	5,732	5,253	826,027
August.....	13,458	11,756	4,512	6,284	7,743	2,331	433	34	1,852	2,241	2,146	681	106.6	5,720	5,243	844,854
September..	14,163	11,767	4,521	6,185	8,201	2,233	332	33	1,854	2,312	2,225	683	100.2	5,685	5,282	854,764
October...	12,944	12,354	4,311	6,130	8,585	2,227	328	34	1,851	2,446	2,383	699	66.4	5,643	5,271	868,048

Foreign Trade

THE outstanding feature of our foreign trade in October was the further increase in shipments of numerous commodities which had shown a gain during the month immediately preceding. The usual seasonal expansion in exports of raw cotton, tobacco, and fruit amounted to \$14,000,000, but the increase in value of other commodities reached \$7,000,000. The latter movement contrasts with a decline in the value of these commodities in October of both 1930 and 1931 in comparison with the month immediately preceding. Total exports during October were valued at \$153,000,000, the first time since 1929 that the October gain has measured up to the seasonal rise of 16 per cent. In comparison with October, 1931, the value of exports was 25 per cent lower, but this percentage was smaller than the average decline for the elapsed 10 months of 1932. While quantity shipments of lard, barley, tobacco, crude petroleum, copper, household refrigerators, and sewing machines were larger in October, 1932, than a year ago, and those of unmanufactured cotton, lumber, and coal nearly as large, exports of wheat, manufactures of iron and steel, refined mineral oils, automobiles, and many classes of machinery were decidedly smaller.

For the 10 months ended October, crude materials represented 31 per cent of our total exports; foodstuffs, 16 per cent; semimanufactures, 13 per cent; and finished manufactures, 41 per cent; as contrasted with 21 per cent, 16 per cent, 14 per cent, and 49 per cent, respectively, in the corresponding period of 1931.

Leading export and import commodities were only slightly changed in unit value during October from that of the month immediately preceding. The unit price of raw cotton, newsprint, and lard dropped slightly, while that of gasoline, crude rubber, raw silk, burlaps, tin, coffee, and wheat were higher. Unmanufactured cotton exports averaged 7.3 cents per pound or exactly the same as the unit value in October, 1931.

The increase of 11 per cent in imports during October was due to moderately larger purchases of coffee, newsprint and paper base stocks, fruits, vegetables, art works, crude rubber, hides and skins, crude petroleum, and numerous other commodities. The only leading imports which declined in value were cane sugar, undressed furs, and raw silk. Cane sugar imports were only 338,600,000 pounds in October, the smallest for any month since November, 1931, while raw silk imports were 6,839,000 pounds as compared with 8,564,000 pounds in the preceding month and 9,069,000 pounds in the same month of 1931.

Merchandise exports exceeded imports in October by \$47,000,000, the largest favorable balance in any month since February, 1931. A year ago the October favorable merchandise balance was \$36,000,000. For the 10-month period ended October, the excess of merchandise exports over imports was \$223,000,000, while for the corresponding period of 1931 it was \$259,000,000. Continuing the trend of recent months, gold imports amounted to \$20,674,000 in October, while exports were negligible.

EXPORTS AND IMPORTS

Year and month	Exports of United States merchandise												General imports					
	Total	Crude materials		Foodstuffs				Semi-manufactures	Finished manufactures				Total	Crude materials	Foodstuffs	Semi-manufactures	Finished manufactures	
		Total	Raw cotton	Total	Wheat and flour	Meats and fats	Fruits and preparations		Total	Machinery	Automobiles, parts, and accessories	Gasoline						
Millions of dollars																		
1930: October.....	326.9	322.6	104.8	64.8	47.2	11.3	9.8	17.1	38.0	132.7	30.8	14.5	21.8	247.4	77.5	56.0	45.6	68.3
1931:																		
October.....	204.9	201.4	63.6	39.8	39.3	8.8	7.1	16.2	21.2	77.3	20.1	8.6	7.2	168.7	52.4	36.8	29.0	50.5
November.....	193.5	190.4	68.1	43.6	34.5	8.5	6.0	11.6	20.8	67.0	15.6	5.6	8.3	149.5	47.8	33.0	27.4	41.2
December.....	184.1	180.7	68.4	47.3	27.1	7.6	7.3	6.6	20.6	64.7	17.6	8.0	5.9	153.8	49.8	36.6	25.3	42.0
1932:																		
January.....	150.0	146.8	49.8	36.0	23.7	5.3	6.1	7.4	18.8	54.5	11.4	6.8	7.6	135.5	38.2	38.3	26.2	32.5
February.....	154.0	151.0	52.6	37.3	22.8	5.1	6.0	7.0	18.4	57.2	13.8	7.4	7.0	131.0	37.4	37.8	24.1	31.8
March.....	155.2	151.8	50.4	36.5	21.7	5.4	4.7	5.9	18.3	61.3	13.5	9.3	6.3	131.2	36.0	42.4	20.1	32.9
April.....	135.4	132.4	34.0	20.7	21.0	7.6	4.2	4.0	18.9	58.5	12.2	7.8	8.3	126.5	36.3	38.1	18.9	33.4
May.....	132.1	128.9	29.8	17.7	20.0	5.5	4.5	4.5	18.6	60.5	11.3	7.9	9.9	112.3	28.4	37.2	17.2	29.5
June.....	114.3	109.6	24.2	13.4	18.0	5.1	4.4	3.7	14.8	52.6	10.3	6.3	7.7	110.2	29.6	32.8	18.4	30.6
July.....	106.8	104.2	27.6	15.9	15.6	2.9	4.4	4.3	14.1	46.9	9.6	6.2	5.3	79.4	19.5	26.3	11.9	21.8
August.....	109.1	106.9	29.5	18.1	17.4	3.4	4.0	5.4	13.6	46.4	9.0	5.1	5.6	91.1	22.0	29.2	15.1	24.8
September.....	132.0	129.5	47.4	32.1	20.4	2.6	4.8	9.6	15.9	45.9	9.1	4.9	5.8	98.4	27.3	31.3	14.6	25.3
October.....	153.5	151.1	60.5	40.0	25.2	2.7	5.2	12.2	16.9	48.5	11.8	5.0	5.2	106.4	27.2	33.5	17.5	28.1
Cumulative, January through October:																		
1930.....	3279.3	3225.7	861.4	390.2	455.1	143.4	132.7	77.1	445.9	1663.4	447.4	249.4	224.5	2648.7	873.8	593.0	531.8	650.1
1931.....	2046.7	2006.8	430.3	234.7	312.3	68.1	82.9	90.0	276.2	988.0	283.6	134.5	95.1	1787.4	544.5	457.6	319.3	466.0
1932.....	1342.4	1312.3	405.8	267.5	205.7	45.5	48.2	63.9	168.1	532.7	111.9	66.8	63.9	1122.1	301.9	346.8	184.4	289.1

Real Estate and Construction

THE gains reported in the building industry during the last two months were not maintained in October, and a further recession was reported in the first half of November. The 3.3 per cent decrease in the Federal Reserve Board's adjusted index of contracts awarded based on a 3-month moving average of values, however, compared favorably with the 6.8 per cent drop which occurred in that figure last October. Total value of public works undertakings comprised 55 per cent of the value of all awards for the month. Greatest activity, according to the F. W. Dodge Corporation's statistics covering 37 States, occurred in the Middle Atlantic States, excluding New York, and metropolitan New York and vicinity. Contracts in both these territories amounted to more than \$15,000,000. The Pittsburgh and Kansas City districts, with lettings totaling \$12,900,000 and \$11,200,000, respectively, were next in importance. The measurable footage of all contracts reported for the month was at the lowest point in many years. A year ago the figure was over two and a half times as large. The value of all awards dropped 16 per cent from the previous month and with the exception of the totals for January and February, was the smallest for the year.

The declines in residential building were fractional, with both footage and value still slightly above the

lows reported for July. Although the value of public works and utility contracts was off 15 per cent from September, it was still 19 per cent above the monthly average value for the first 10 months of 1932. Measurable footage of these contracts dropped 43 per cent to a figure next to the lowest so far reported and considerably below the monthly average for the year. The relative decline in public works and utility awards from this time a year ago has been much less than in other types of construction.

Production and shipments of important building materials declined during October. Maple flooring shipments receded to the lowest point since January, and the quantity of oak flooring shipped also declined and was 41 per cent below the total for October, 1931. Although cement production fell off 3 per cent, output remained at a higher level than was reported at any time during the year except the peak month of September. New orders of fabricated structural steel showed a sharp drop but were approximately equal to the monthly average of the year to date.

The Engineering News-Record's index of construction costs made the fourth consecutive monthly advance. Building material prices for both frame and brick houses, however, showed a slight decrease. No new long-term real estate bonds were floated during the month.

BUILDING MATERIALS, CONSTRUCTION, AND REAL ESTATE

Year and month	Construction contracts awarded							Building materials				Building material prices		Construction costs, Eng. News-Rec.	Real estate market activity, deeds recorded	Long-term real estate bonds		
	F. R. B. index (3 months moving average of values, adjusted)	All types of construction		Residential building		Public works and utilities		Maple flooring	Oak flooring	Cement	Fabricated structural steel	Frame house (6-room)	Brick house (6-room)			Total	To finance new construction	
		Shipments	Production	New orders	First of month, monthly average 1913=100	Thousands of feet, board measure	Thousands of barrels	Thousands of short tons	Monthly average 1926=100	Thousands of dollars								
											Milions of square feet	Milions of dollars	Milions of square feet					Milions of dollars
1930: October.....	78	39.5	337	22.3	104.7	339	113.0	2,886	20,649	14,410	209	171	176	198.7	74.0	6,635	1,210	
1931: October.....	55	30.7	2542	15.2	60.5	171	82.5	2,703	18,203	10,762	109	156	162	169.8	63.2	9,125	500	
November.....	49	20.5	151	11.0	45.3	271	47.4	2,481	13,907	8,161	91	158	163	169.3	59.0	2,619	725	
December.....	38	17.2	137	8.8	36.2	280	50.3	1,928	12,976	5,974	98	156	161	166.2	64.5	3,185	0	
1932: January.....	31	12.6	85	6.9	27.5	300	24.1	1,759	11,673	5,026	48	156	161	162.5	57.8	1,075	240	
February.....	27	12.3	89	6.1	24.4	176	28.3	2,061	11,359	3,971	62	157	163	161.8	58.8	0	0	
March.....	26	16.9	112	8.5	33.2	197	29.9	2,496	13,360	4,847	64	155	162	157.2	54.9	905	0	
April.....	27	13.9	122	7.2	28.9	211	47.3	2,200	12,555	5,478	65	154	160	153.1	54.6	490	490	
May.....	26	15.7	146	6.7	25.6	182	61.7	2,325	12,939	6,913	91	152	157	152.8	54.6	0	0	
June.....	27	12.3	113	5.8	23.1	106	50.1	2,281	10,253	7,921	87	150	157	152.2	55.2	80	0	
July.....	27	14.4	129	5.5	19.7	265	60.0	2,264	7,699	7,659	69	148	154	153.4	0	0	0	
August.....	30	13.9	134	5.5	20.8	205	64.2	2,816	11,626	7,835	79	148	155	156.8	0	0	0	
September.....	30	13.5	128	6.6	22.8	243	68.7	2,402	11,739	8,210	111	149	155	158.0	0	700	0	
October.....	29	11.1	107	6.0	21.9	138	58.5	2,031	10,657	7,939	74	148	154	158.2	0	0	0	
Monthly average, January through October:																		
1930.....	94	44.8	402	19.6	95.0	1,314	149.6	3,883	26,683	14,133	239	174	178	203.9	71.3	13,123	5,403	
1931.....	66	32.8	280	17.1	73.0	594	106.5	3,128	23,020	11,044	169	159	166	184.1	62.1	10,908	981	
1932.....	28	13.7	117	6.5	24.8	202	49.3	2,264	11,356	6,580	75	152	158	156.7	0	325	73	

Transportation

RAILWAY freight traffic reached a seasonal peak in the middle of October when the weekly loadings amounted to 650,578 cars, following which the usual recession occurred. For the month of October the expansion of traffic, on a daily average basis, amounted to 7 per cent and the adjusted index advanced for the second consecutive month. While this expansion represented the first greater than seasonal gain for any fall period since 1928, the loadings continue well below a year ago. The decline in comparison with last year widened in late October and early November, but for the latest week reported (November 26) the percentage decline was the smallest for any week of 1932.

All classes of loadings, excepting grain and grain products, were higher in October than in the preceding month, but were well below a year ago. Average weekly loadings of coal increased by over 31,000 cars and of miscellaneous freight by 26,000 cars. Merchandise l. c. l. shipments were the same as in September when reduced to a daily average basis, and the adjusted index was unchanged for the month. The rise in this significant index of distribution since the August low has been very slight and the October figure was the same as for July.

With continued rigid control of expenditures, the expansion in traffic has been reflected in an improvement in the operating results of the roads. During September, while operating revenues were 22 per cent

below a year ago, the decline in net railway operating income was only a little above 10 per cent, and the total was the largest for any month of 1932. For the first three quarters of the year, operating revenues declined 28 per cent and net railway operating income 51 per cent with the result that 68 Class I railroads failed to earn expenses and taxes, according to the Bureau of Railway Economics. Further improvement in operating results occurred in October, but definite statistics are not available at this time.

With the railroads still holding expenditures to a minimum, activity in equipment manufacturing lines has continued at a low level. There was only a slight expansion in employment and pay rolls among railway equipment manufacturers during October, and new orders were few. The railroads have expanded operations to some extent in their repair shops, which was reflected in a moderate gain in both employment and pay rolls for this group last month.

October usually brings the close of the period of heavy traffic on inland waterways and last month there was a seasonal increase in freight carried on most arteries. Movements on the Cape Cod, New York State, Sault Ste. Marie Canals, and on the Allegheny, Monongahela, Ohio, and Mississippi Rivers were larger than in September. While traffic on the lower lakes, as indicated by the St. Lawrence and Welland Canal figures, was below the preceding month, it was heavier than a year ago.

RAIL AND WATER TRAFFIC

Year and month	Freight-car loadings											Freight-car surplus	Pullman passengers carried	Net operating income, Class I railroads	Dividend payments, steam railways	Canal and river traffic			Panama Canal, American vessels, both directions	
	F. R. B. index		Total	Coal	Coke	Forest products	Grain and products	Livestock	Merchandise, l. c. l.	Ore	Miscellaneous					Canals		Rivers		
	Unadjusted ¹	Adjusted ²														Sault Ste. Marie	New York State	Mississippi (Government-owned barges)		
	Monthly average, 1923-1925=100	Thousands of cars ³														Thousands	Thous. of dollars	Thous. of dollars		Thousands of short tons
1930: October.....	97	86	950.3	174.5	8.9	39.4	41.4	32.3	241.3	37.8	374.8	403	2,278	112,386	44,100	9,094	608	103	1,133	
1931:																				
October.....	78	69	762.6	145.4	5.6	24.4	38.5	29.0	216.1	20.4	283.1	535	1,674	64,020	36,000	6,248	505	105	930	
November.....	70	68	654.9	121.4	5.3	21.9	36.2	25.9	201.6	6.3	236.4	659	1,526	36,580	32,450	3,049	510	86	676	
December.....	61	69	568.3	117.6	5.8	17.8	29.7	21.6	185.6	3.8	188.2	751	1,677	21,263	28,800	284	0	168	774	
1932:																				
January.....	58	64	567.4	115.2	5.7	18.4	31.0	22.1	186.6	2.9	185.6	742	1,643	11,714	42,500	0	0	131	652	
February.....	59	62	561.3	115.0	6.2	19.3	34.3	19.0	183.0	2.7	181.9	722	1,424	22,043	29,000	0	0	113	628	
March.....	58	61	571.7	121.3	6.1	20.0	28.9	16.5	187.3	2.6	187.5	705	1,404	32,289	30,500	0	0	113	726	
April.....	57	59	554.6	92.3	3.8	19.7	30.8	18.7	186.2	3.4	199.6	728	1,286	20,624	28,200	369	250	99	620	
May.....	53	54	521.9	74.6	3.1	18.7	29.2	17.1	182.1	2.6	194.5	751	1,270	11,951	21,700	369	250	99	620	
June.....	52	52	491.6	66.7	2.9	16.8	25.3	14.9	170.5	3.5	190.9	773	1,300	12,653	9,900	1,988	454	108	633	
July.....	51	51	484.4	72.3	2.6	14.6	36.9	14.4	163.3	6.1	174.3	764	1,276	11,597	12,000	2,638	376	107	576	
August.....	53	51	516.3	84.6	2.7	15.5	38.5	16.9	169.1	7.1	181.9	708	1,323	28,368	9,000	3,095	528	100	650	
September.....	61	54	561.1	103.6	3.4	17.1	37.1	20.3	170.3	6.1	203.2	599	1,339	49,647	7,300	3,807	478	95	638	
October.....	65	57	631.6	135.2	4.8	18.9	34.7	23.4	178.7	6.4	229.6	545			10,400		3,924	554	109	723
Monthly average, January through October: ⁴																				
1930.....	94		910.0	151.5	9.6	48.2	45.0	24.7	239.4	36.6	355.1	432	*2,541	*73,429	43,280	6,746	322	96	1,124	
1931.....	77		737.6	126.5	6.4	30.4	40.3	22.1	215.0	19.2	277.7	598	*2,012	*44,969	38,040	4,127	321	92	892	
1932.....	57		546.2	98.1	4.1	17.9	32.7	18.3	177.7	4.3	192.9	704	*1,363	*22,321	20,050	1,739	306	109	651	

¹ Daily average basis.

² Adjusted for seasonal variation.

³ Freight car loadings are on an average weekly basis.

⁴ 9 months' average.

Automobiles and Rubber

PRODUCTION of automobiles in October reached the lowest point of the present decline. Despite the extremely low rate of operations for August and September, the decline was greater than seasonal, and the adjusted index of the Federal Reserve Board dropped to only 17 per cent of the 1923-1925 average. During the first week of November a moderate gain was reported by a few companies but the general situation was essentially unchanged. The following week one of the large manufacturers of low-priced cars came into production with a new model and about the middle of the month this gain was increased by three additional new model operations. Production totals for October were 42 per cent below September, with a contraction recorded for both the commercial and the passenger groups. Canadian production activity moved opposite to that of the United States and output increased 25 per cent between October and the low level of the preceding month.

Sales of automobiles declined seasonally during October as indicated by the registration figures assembled by R. L. Polk & Co. Based upon preliminary reports, including actual data from 36 States covering 81 per cent of the total registrations, new passenger car sales were estimated at 63,000 units. The States actually reporting showed a decline of 23 per cent from the September level and 39 per cent from the total of October of last year.

Shipments of trucks to foreign countries continued the gain which has been in force since early summer. The total for October was 5 per cent above the preceding month and was exceeded in only one month of the current year. Passenger car exports for October were at the low point of the year following a comparative steadiness during the preceding four months.

Preliminary reports from the rubber industry indicate that the production of pneumatic tires in October was at approximately the September level. Shipments, however, were more than 40 per cent under September and were about 30 per cent under the production total for the month. As a result manufacturers' inventories increased sharply, but the total on the last day of October was still approximately 18 per cent under a year ago. The total domestic crude rubber consumption was 7 per cent below September.

Employment in the rubber products' industries experienced a fractional gain between September and October. A small decline normally occurs between these two months, and allowing for this the Federal Reserve Board's adjusted index rose 4 per cent. Pay rolls were also moderately higher in October with the unadjusted index gaining 7 per cent.

Stocks of crude rubber held in the United Kingdom are currently under 100,000 tons for the first time since April, 1930. A large part of the excess world stocks are now concentrated in the United States.

AUTOMOBILE AND RUBBER STATISTICS

Year and month	Automobile production					Automobile exports			New passenger car registrations	Automobile financing		Pneumatic tires		Crude rubber		
	F. R. B. Index, adjusted ¹	United States				Canada	Passenger cars	Trucks		By wholesale dealers	Retail purchasers	Production	Domestic shipments	Domestic consumption, total	Imports	World stocks, end of month
		Total	Passenger cars	Taxi-cabs	Trucks	Total										
		Thousands														
1930: October.....	49	154	113	582	40,593	4,541	7,136	4,079	150,219	36	81	2,866	2,613	25,089	46,375	458,435
1931:																
October.....	26	80	58	651	21,727	1,440	3,207	4,500	102,659	26	61	2,379	2,185	20,495	41,398	582,000
November.....	36	69	48	999	19,683	1,247	1,928	1,184	75,829	16	49	2,001	2,223	21,108	45,103	606,197
December.....	66	122	97	1,144	23,644	2,432	5,753	3,333	77,564	29	50	2,115	2,171	19,696	53,818	619,906
1932:																
January.....	45	119	99	97	20,541	3,731	4,474	2,515	87,493	35	45	2,770	2,545	25,725	33,552	626,748
February.....	35	117	94	25	23,308	5,477	4,936	2,113	82,813	33	45	3,097	1,973	27,611	28,298	631,895
March.....	28	110	99	74	19,560	8,318	5,548	3,183	92,192	34	51	2,937	2,281	25,602	45,588	629,301
April.....	35	148	121	31	27,389	6,810	4,669	1,630	121,093	34	56	2,813	2,886	23,877	38,454	627,627
May.....	45	184	158	73	26,528	8,221	3,604	1,505	131,282	39	58	3,056	3,325	26,861	34,323	636,220
June.....	47	183	160	235	22,754	7,112	2,972	1,387	148,752	44	63	4,515	8,212	35,987	41,117	602,646
July.....	33	111	95	27	16,436	7,472	3,039	1,865	104,188	26	45	2,893	1,845	26,010	32,524	582,634
August.....	23	90	76	9	14,417	4,067	2,893	2,044	93,457	22	45	2,471	2,065	20,582	33,989	607,399
September.....	24	84	65	13	19,393	2,342	3,054	2,433	81,893	19	39	2,031	2,411	20,692	29,253	611,428
October.....	17	49	35	5	13,595	2,923	1,753	2,549	63,195	13	34			19,337	35,807	618,733
Monthly average January through October:																
1930.....	84	306	255	690	50,219	14,316	13,793	7,377	243,686	60	108	3,726	3,727	30,143	41,942	426,830
1931.....	60	220	182	389	37,332	7,894	7,480	4,371	175,476	51	85	3,611	3,558	28,026	40,287	536,922
1932.....	33	120	100	59	20,392	5,647	3,694	2,122	100,636			2,954	3,060	25,228	35,291	618,164

¹ Adjusted for seasonal variation.

² 9 months' average.

Chemical Industries

ACTIVITY in the chemical industries was sustained in October and some further improvement was reported in individual lines. Other branches, particularly fertilizers, continued inactive. The indexes of the Federal Reserve Board indicate a greater than seasonal rise in employment from September to October, which was the first month to bring an increase in the adjusted employment index since May. Pay rolls also picked up during the month following a three months' period of comparative steadiness. Employment in October was, however, 12 per cent less than a year ago, while pay rolls have declined more rapidly, to the extent of 25 per cent in this period. The petroleum refining branch of the industry reported lower employment and pay-roll totals.

Stocks of chemical raw materials increased seasonally in October to a level about the same as a year ago. Stocks of chemical manufactured goods remained about the same, failing to undergo the usual seasonal rise at this time.

Ethyl alcohol output increased again in September, the movement being of approximately seasonal proportions. Production was 17 per cent less than a year ago. Withdrawals for denaturing declined in the month, however, and stocks on hand rose slightly.

Crude methanol production increased more than seasonally in October. Output was greater than at

this time a year ago, but less than two years ago. Stocks have been curtailed steadily during the past three months. Production of synthetic methanol fell off further in October while shipments increased sharply, causing a 10 per cent drop from the high peak reached by stocks in September.

Explosives production has increased steadily over the past three months ending in October, after the sharp recovery in August from the low record established the month before. October output was 9 per cent less than at this time a year ago. Shipments increased slightly more than production and stocks on hand declined.

Gum rosin and gum turpentine receipts at three ports declined seasonally in October. Stocks on hand, which usually increase steadily at this season, increased only slightly in the case of turpentine and declined 6 per cent from the month previous in the case of gum rosin. Current receipts of the latter product are a fourth less than a year ago, while receipts of gum turpentine have fallen off 37 per cent in this period.

Fertilizer imports declined 5 per cent in October, the receipts for this latter month being 31 per cent less than a year ago. Most of the decline has been accounted for by a practical cessation of imports of nitrate of soda. Consumption of fertilizer was approximately the same as in September.

CHEMICAL STATISTICS

Year and month	General operations					Alcohol			By-product coke	Explosives	Rosin, wood	Turpentine, wood	Superphosphates	Fertilizer		
	Employment		Pay rolls, unadjusted	Stocks		Ethyl	Re-fined methanol	Synthetic methanol						Consumption ²	Total imports	Nitrate of soda imports
	Unadjusted	Adjusted ¹		Manufactured goods	Raw materials											
	Monthly average, 1923-1925=100					Thousands of gallons		Thous. of short tons						Thous. of lbs.	Barrels	Thous. of short tons
1930: October.....	101.4	101.1	99.9	125	133	18,455	576	966	3,408	34,113	34,818	5,817	395	106	147,546	27,907
1931:																
October.....	85.7	85.4	80.8	125	121	16,037	56	510	2,389	25,282	26,102	3,922	183	98	120,822	33,968
November.....	83.5	83.1	76.4	129	134	14,084	87	364	2,276	24,509	21,440	3,547	179	66	77,849	29,871
December.....	82.0	81.9	75.0	124	125	14,002	142	328	2,234	18,595	23,242	3,733	231	67	70,754	17,029
1932:																
January.....	81.7	81.9	71.4	128	116	13,224	149	586	2,101	18,175	23,196	3,626	215	172	89,070	30,114
February.....	81.1	80.2	71.0	135	107	10,340	120	546	1,996	18,064	20,006	3,121	204	365	84,160	8,404
March.....	81.1	78.6	70.1	134	101	9,526	103	514	2,089	17,092	26,187	4,329	170	644	100,136	54
April.....	82.4	78.5	68.5	134	97	10,137	113	502	1,883	16,804	26,443	4,415	147	868	61,433	2,675
May.....	78.3	79.7	66.9	131	93	11,578	72	743	1,743	17,097	30,597	5,151	86	156	84,746	37
June.....	74.2	76.4	63.2	118	91	10,500	97	712	1,537	14,195	29,483	4,827	62	68	57,388	647
July.....	72.3	74.7	60.0	120	88	11,908	84	794	1,523	12,728	30,076	4,878	70	14	49,999	100
August.....	72.2	74.0	60.0	116	90	12,365	151	793	1,474	18,340	31,141	4,861	113	40	57,586	0
September.....	74.0	73.7	59.8	121	112	13,355	102	698	1,544	19,938	31,155	5,020	117	97	87,502	517
October.....	75.1	74.9	60.7	120	122		198	571	1,739	22,996	33,132	5,202		98	88,262	13
Monthly average January through October:																
1930.....	105.8	105.9	105.6	130	107	12,231	405	646	3,903	32,789	40,082	7,057	382	546	178,160	49,761
1931.....	90.2	90.2	86.3	124	97	11,927	149	645	2,794	26,489	29,102	4,884	239	394	130,645	50,188
1932.....	77.2	77.3	65.2	126	102	11,326	119	654	1,763	17,543	28,142	4,543	252	252	75,528	4,256

¹ Adjusted for seasonal variation.

² Southern States.

³ 9 months' average.

Farm and Food Products

PROCESSING of foodstuffs in October was carried on at a lower seasonal rate than during September, the peak month. The Federal Reserve Board's adjusted index declined 6 per cent from the revised figure for the preceding month. Employment in the industry has remained relatively stable since early summer after allowance for seasonal influences, and October was the second month to record a variation of less than 1 per cent in the adjusted index. Actual employment increased by 1.4 per cent while pay rolls were also fractionally higher than in September.

Receipts of wheat in October at principal markets of the United States were 29 per cent below the preceding month and 18 per cent below October of last year. The visible supply was also diminished by 2 per cent after three months of steady gain. World shipments of wheat have been at a low level so far this season and for the weeks of July 9 to November 5, inclusive, have averaged only 10,314,000 bushels weekly. This is about one-third lower than last year's movement and is attributed largely to the exceptionally good crops in the importing countries of continental Europe.

November crop reports of the United States Department of Agriculture estimate the current corn crop at 2,921,000 bushels. This is considerably higher than the total produced for the 1931 season and

the average for the past five years. Stocks on farms are almost double those of a year ago and, when added to the total visible supply and the present crop, there results an aggregate carry-over in all positions which is the largest reported since 1921. Receipts at principal markets during October were larger than September and were also substantially higher than recorded for October of last year.

Cold storage holdings of creamery butter decreased in October and on November 1 were the lowest recorded for that date with the exception of 1931. Holdings of American cheese were lower and were also less than a year ago. The decline in cheese production during the last two months reported has been far less than the usual seasonal movement, and output for September was 9 per cent above the same month last year. Consumption of eggs as shown by the trade output was lower in October than during the same month in 1931. Frozen poultry stocks in storage on November 1 were lower than the average for the past five years. Stocks normally increase during this season of the year.

Coffee imports reflected the further readjustment of the Brazilian market and increased 18 per cent in October. Imports of raw sugar were at the seasonal low period of the year, but for the year to date were equal to the totals for the two preceding years.

FOODSTUFFS STATISTICS

Year and month	Food products			Crop marketings	Animal products, marketings	Wheat			Corn		Animals and animal products			Imports			
	F. R. B.		Wholesale prices			Receipts, principal markets	Visible supply, United States, end of month	Price, weighted average, 6 markets, all grades	Receipts, principal markets	Price, No. 3 yellow, Kansas City	Cattle receipts	Hog receipts	Meats		Butter	Raw sugar ²	Coffee
	Production, adjusted ¹	Employment, adjusted ¹											Consumption, apparent	Stocks, cold storage, end of month			
	Monthly average, 1923-1925=100	Monthly average, 1926=100	Monthly average, 1923-1925=100			Millions of bushels	Dollars per bushel	Millions of bushels	Dollars per bushel	Thousands	Millions of pounds	Thousands of long tons	Thousands of bags				
1930: October	96	90.9	88.8	213	97	29	205	0.76	15	0.82	2,377	3,441	1,165	534	182	360	1,159
1931:																	
October	92	85.5	73.3	219	97	33	231	.58	14	.40	2,137	3,462	1,194	506	187	269	907
November	91	85.9	71.0	159	98	26	230	.69	12	.46	1,866	3,752	1,020	523	161	189	936
December	97	86.3	69.1	96	97	14	221	.60	11	.39	1,453	4,210	1,080	736	172	217	1,203
1932:																	
January	93	85.3	64.7	89	92	17	212	.61	10	.39	1,376	4,218	1,098	875	157	289	1,220
February	90	83.7	62.5	74	87	25	210	.59	14	.36	1,281	3,659	955	1,035	156	437	1,149
March	84	83.1	62.3	67	88	13	202	.58	11	.34	1,377	2,939	1,015	1,011	171	515	1,220
April	91	83.6	61.0	52	90	13	183	.60	10	.34	1,376	2,960	1,032	1,012	177	510	793
May	89	83.2	59.3	48	111	15	172	.61	10	.34	1,397	3,050	1,033	1,020	224	457	1,056
June	83	81.1	58.8	39	105	13	167	.53	5	.33	1,338	2,545	1,018	938	202	314	1,079
July	81	79.4	60.9	49	94	41	178	.48	7	.35	1,291	2,159	956	844	197	340	671
August	83	81.0	61.8	77	96	41	188	.55	14	.33	1,606	2,405	1,002	751	203	468	601
September	95	81.8	61.8	129	89	38	194	.55	19	.29	1,639	2,505	1,096	637	188	328	782
October	89	81.3	60.5	175	88	27	190	.51	25	.24	1,896	2,891	1,090	542	183	239	923
Monthly average, January through October:																	
1930	94	95.6	91.8	96	100	38	162	.96	21	.82	1,673	3,333	1,035	890	180	388	1,005
1931	90	89.1	75.5	90	99	41	213	.64	15	.51	1,630	3,158	1,042	919	185	388	1,105
1932	88	82.4	61.4	80	94	24	190	.56	13	.33	1,463	2,913	1,030	867	186	390	949

¹ Adjusted for seasonal variation.

² Includes receipts from Hawaii and Puerto Rico.

Forest Products

LUMBER production increased more than seasonally in October, after declining steadily since last May. The Federal Reserve Board's adjusted index reached 26 per cent of the 1923-1925 average as compared with the September figure of 24 per cent. Production for the first 10 months of this year as reported by the National Lumber Manufacturers' Association amounted, however, to only 56 per cent of output in the same period of 1931, or about 22 per cent of normal output capacity.

Orders for lumber as a whole for this year through October have been a fourth greater than the volume of production, with shipments at about the same rate as orders. This has led to a decline in stocks on hand amounting to over 2,000,000,000 feet, or 19 per cent, since the first of the year. Continued curtailment of consumption, however, has led the special lumber survey committee of the Timber Conservation Board to recommend a further reduction of stocks.

Employment in the industry increased more than seasonally in October for the second successive month, after a steady decline to the low level registered in August. Present employment is almost a fourth less than a year ago and nearly 40 per cent less than in October, 1930. The index of pay rolls increased sharply, and for the third consecutive month in October the unadjusted figures showing a rise of 18 per cent

over the three months' period from the record low point reached in July. The volume is still exceedingly low, being between a fourth and a fifth of the 1923-1925 average.

Car loadings of forest products, which normally decline slightly during the fall months, have been increasing slowly but steadily since July. There was a rise of almost 11 per cent from September to October.

Southern pine production in October reached the highest volume recorded during the past year and was only 3 per cent less than in the corresponding month a year ago; shipments also reached a new high for this year, and were 8 per cent greater than a year ago. New orders, after a decline in September, rose to a point greater than at this time last year, while prices again declined in October after a temporary rise during the previous month.

New orders of flooring fell off in October, as did shipments. Although production of the maple, beech, and birch product increased slightly in this month, the volume was less than the shipments and in consequence stocks were further reduced. Oak flooring production declined 5 per cent and stocks were curtailed 6 per cent.

Exports of all types of lumber increased in October for the second consecutive month. The October rise was general, including Southern pine and Douglas fir timber and lumber, as well as the hardwoods.

FOREST PRODUCTS STATISTICS

Year and month	General operations			Indexes of marketing		Car-loadings, forest products ²	Southern hardwoods			Douglas fir ³			Southern pine			Household furniture ⁴	
	Lumber production, adjusted ¹	Employment, adjusted	Pay rolls, unadjusted	Total forest products	Naval stores		Production	New orders	Un-filled orders	Production	New orders	Un-filled orders	Production	New orders	Un-filled orders	Plant operation	Un-filled orders, end of month
	Monthly average 1923-1925=100						Thousands of cars	Millions of feet, board measure									Per cent of full time
1930: October.....	50	62.1	60.4	66.8	143.1	39.4	158	154	466	41.6	40.6	27.6	211	213	109	85.0	20
1931:																	
October.....	33	48.4	38.2	63.1	114.0	24.4	105	131	374	30.0	30.3	16.3	117	135	58	83.0	11
November.....	27	47.4	34.4	56.7	97.2	21.9	105	131	370	29.0	33.9	26.3	111	111	62	72.0	13
December.....	27	45.4	31.2	50.9	90.4	17.8	86	105	367	20.5	23.0	17.1	78	73	51	56.5	12
1932:																	
January.....	27	43.9	26.6	50.9	26.1	18.4	68	120	356	24.8	31.4	28.4	80	106	61	68.0	17
February.....	23	43.3	25.9	51.1	24.1	19.3	83	105	315	29.0	28.1	27.8	89	119	74	73.0	13
March.....	27	41.2	24.5	53.4	29.6	20.0	90	113	292	25.6	28.5	25.3	104	127	77	59.0	10
April.....	28	40.2	23.2	56.0	67.8	19.7	101	105	272	20.5	21.3	12.5	106	110	62	54.0	7
May.....	29	39.0	22.2	57.7	102.3	18.7	98	101	270	25.0	27.0	17.8	100	103	62	42.0	7
June.....	28	37.9	20.9	53.3	104.0	16.8	94	90	242	22.2	26.2	15.1	91	96	44	58.0	7
July.....	27	36.1	19.0	55.4	114.3	14.6	71	83	227	15.9	21.3	11.5	83	91	46	38.0	10
August.....	25	35.7	19.3	54.8	107.4	15.5	59	114	265	22.5	29.2	20.3	91	149	80	53.5	10
September.....	24	36.6	20.9	51.5	89.4	17.1	68	154	250	24.1	38.4	29.8	80	134	82	73.0	11
October.....	26	37.6	22.4	55.2	78.4	18.9				22.7	22.5	15.2	113	144	75	78.0	9
Monthly average January through October:																	
1930.....	68	71.2	68.4	68.6	123.9	48.2	220	181	575	58.8	58.1	49.8	237	220	155	74.1	25
1931.....	43	53.4	43.3	61.5	108.1	30.4	135	158	432	41.4	44.4	37.3	140	157	91	71.4	17
1932.....	26	39.2	22.5	53.9	74.3	17.9	81	109	377	23.2	27.4	20.4	94	118	66	60.0	10

¹ Adjusted for seasonal variation.

² Weekly average.

³ Grand Rapids district.

⁴ 9 months' average.

Iron and Steel Industry

GREATER than seasonal gains again characterized the iron and steel industry during October, although operations continued at a relatively low rate. The increase of approximately 11 per cent in the Federal Reserve Board's adjusted index placed output on a par with the monthly average production reported so far during the year. This was in contrast to the record for the same month in 1931 when production did not increase and October output was 26 per cent below the 10-month average.

With steel ingot production at 19 per cent of capacity, output in October exceeded the tonnage reported for any month since last May. Two additional blast furnaces aided in stepping up pig-iron production 9 per cent. October's gains in general operations were maintained in the first part of November, but the third week of that month brought a decline. This is in accordance with the downward seasonal trend usually expected at this time, and a contraseasonal gain is not expected for November. The automotive industry has recently figured as the principal consumer, while railroad and construction orders continue to lag. The gains in October reflected mainly purchases from miscellaneous sources.

A second advance took place in the adjusted index of employment after an unbroken decline starting in January. The unadjusted index of pay rolls increased 12 per cent. Closely paralleling the drop in tonnage output, the total paid labor during the first 10 months

of the year was slightly less than half the amount paid out during the same period last year.

Tonnage of exports increased 14 per cent during the month. Last year a decrease of 16 per cent occurred between these two months. Incoming shipments were 17 per cent larger than in the preceding month. Whereas exports in the first 10 months of the year have declined 44 per cent, the decrease in imports has been only 14 per cent.

Unfilled orders on the books of the United States Steel Corporation at the end of the month showed the third consecutive increase. The gain, however, was a small one, with the total 36 per cent below the amount reported in October, 1931. Declining from September's record high for the year, shipments of fabricated structural steel in October were back to the level reported for August. Total tonnage so far this year was slightly more than half the amount shipped in the same period of 1931.

Prices for steel scrap at Chicago declined for the month, but no changes occurred in quotations for other iron and steel products. The composite price for finished steel was fractionally below the figure reported for the same month last year, while quotations for iron and steel composite, Bessemer steel billets, and steel scrap were reduced 5, 10, and 25 per cent, respectively. In November, the composite iron and steel price eased further, the market being featured by a reduction in prices of tin plate.

IRON AND STEEL STATISTICS

Year and month	General operations			Iron and steel		Pig iron		Steel ingots		Fabricated structural steel		United States Steel Corporation, unfilled orders, end of month	Manganese ore imports (manganese content)	Prices			
	Production, adjusted ¹	Employment, adjusted	Pay rolls, unadjusted	Exports	Imports	Production	Furnaces in blast	Production	Per cent of capacity	New orders	Shipments			Iron and steel, composite	Steel billets, Bessemer (Pittsburgh)	Steel scrap (Chicago)	Finished steel, composite
1930: October.....	76	81.3	75.8	132	38	2,165	111	2,693	50	209	239	3,482	18	32.31	31.00	11.38	2.22
1931:																	
October.....	45	66.2	43.9	59	29	1,173	70	1,590	28	109	144	3,119	21	30.81	29.00	8.00	2.18
November.....	51	65.3	41.2	60	35	1,103	67	1,592	30	91	112	2,934	9	30.61	29.00	8.00	2.18
December.....	42	65.4	41.0	57	26	980	56	1,301	24	98	123	2,735	8	30.32	28.80	7.80	2.16
1932:																	
January.....	43	64.0	36.3	41	31	973	61	1,459	26	48	66	2,648	17	29.98	27.75	7.50	2.11
February.....	41	62.4	37.2	40	27	964	64	1,458	27	62	78	2,546	3	29.56	27.00	7.16	2.11
March.....	34	60.9	35.4	50	41	967	60	1,409	24	64	82	2,472	2	29.62	27.00	7.13	2.17
April.....	32	59.0	32.1	58	36	853	60	1,238	22	65	68	2,327	14	29.75	27.00	7.00	2.17
May.....	29	56.5	30.4	80	40	784	53	1,106	20	91	74	2,177	2	29.62	27.00	6.40	2.17
June.....	25	54.8	26.0	52	34	628	46	897	16	87	83	2,035	4	29.54	26.50	5.69	2.17
July.....	25	52.1	22.2	53	18	572	46	793	15	69	84	1,966	3	29.48	26.00	4.88	2.17
August.....	23	50.6	22.1	33	24	531	42	832	14	79	86	1,970	3	29.33	26.00	5.75	2.17
September.....	28	51.3	23.4	36	29	593	47	975	17	111	91	1,985	0	29.32	26.00	6.25	2.16
October.....	31	53.2	26.2	41	34	645	49	1,069	19	74	86	1,997	5	29.32	26.00	6.00	2.16
Monthly average, January through October:																	
1930.....	99	88.6	87.7	177	45	2,787	158	3,509	68	239	262	4,041	24	33.90	32.05	12.48	2.34
1931.....	61	73.0	58.4	85	36	1,619	94	2,230	41	169	158	3,593	23	31.30	29.45	9.11	2.21
1932.....	31	56.5	29.1	48	31	751	63	1,124	20	75	80	2,212	5	29.55	26.63	6.38	2.16

¹ Adjusted for seasonal variation.

Textile Industry

AFTER showing pronounced and general improvement for two consecutive months, some slight recessions occurred in the textile industry in October. The Federal Reserve Board's seasonally adjusted index of textile production decreased 5 per cent from September to October, although the October output was 6.4 per cent greater than in the corresponding month of last year. Mid-October indexes of both employment and pay rolls were higher than the mid-September indexes, indicating that the October recessions occurred in the latter half of the month. Wholesale prices of textiles averaged 3.5 per cent lower in October than in September.

October consumption of raw cotton totaled 502,244 running bales, the largest monthly consumption since April, 1931, and representing a daily average slightly greater than in September. Spinning activity averaged 97 per cent of capacity in October compared with 94.6 in September. Production of 300 classifications of standard cotton cloths averaged 63,277,000 yards per week, the highest weekly output since April, 1930, and the third consecutive monthly advance. After more than doubling from July to August, cotton cloth sales declined in September and October and in the latter month represented 59 per cent of current production. Shipments of these goods declined 7.8 per cent and were smaller than current production. Stocks at the end of October were 4 per cent larger than at the end of the preceding month; unfilled

orders declined 22 per cent but represented about 5.5 weeks' output at the October rate of production. End of October stocks were sufficient to fill only about 48 per cent of unfilled orders. Cotton goods wholesale prices averaged 2.9 per cent lower in October than in September, the first decline since July.

Raw wool consumption in October was 7.9 per cent less than in September and while slightly lower than a year ago was larger than in October, 1930. Wide loom activity was slightly higher in October and the activity of narrow, and of carpet and rug looms increased 19 per cent and 21 per cent, respectively. Carding machinery was operated at 72 per cent of capacity in October as compared with 67 per cent in September and combs were operated at 100 per cent as compared with 106 per cent. Spinning activity of woolen spindles increased from 70 per cent of capacity on a single shift basis in September to 73 per cent in October, while worsted spindles decreased from 74 per cent to 73 per cent. Wholesale prices of woolens and worsted goods declined fractionally.

Raw silk deliveries to American mills in October were 10 per cent less than in September, the first decrease of any consequence since last May. Wholesale prices of silk and rayon declined 5.5 per cent from September to October after having advanced in the two preceding months. The October level was 18 per cent higher than the low point reached in July but 26 per cent lower than at this time last year.

TEXTILE STATISTICS

Year and month	Production index, adjusted ¹	Cotton, raw	Cotton manufactures					Wool	Wool manufactures				Wholesale price, woolen and worsted goods	Silk	Silk and rayon	
		Mill consumption	Spindle activity, total	Cotton textiles (23 groups of textile constructions)				Wholesale price, cotton goods	Consumption ³	Spinning spindles		Looms		Deliveries to mills	Wholesale price	
				Production ²	Shipments ²	Stocks, end of month	Unfilled orders, end of month			Woolen	Worsted	Narrow				Wide
Monthly average, 1923-1925=100	Running bales	Mil-lions of spindle hours					Monthly average, 1926=100				Monthly average, 1926=100	Bales of 133 pounds	Monthly average, 1926=100			
1930: October.....	90	443,284	6,243	45,773	54,076	350,889	350,845	77.0	40,975	53	62	44	47	75.0	61,937	47.0
1931:																
October.....	93	461,023	6,595	56,779	54,052	255,833	344,639	59.7	42,990	53	49	39	49	64.6	56,668	41.7
November.....	89	428,870	6,014	57,861	53,472	273,390	354,957	58.1	35,424	46	51	31	45	64.2	50,645	41.8
December.....	88	415,517	5,951	50,938	47,567	290,248	322,039	56.4	31,625	39	49	26	44	63.9	48,432	39.0
1932:																
January.....	89	435,337	6,214	58,177	67,225	254,056	391,150	55.8	34,253	52	53	25	51	63.3	58,793	37.7
February.....	86	450,018	6,567	61,086	64,686	239,654	377,988	56.4	34,426	58	51	22	61	63.1	45,909	36.5
March.....	82	488,655	6,955	57,050	53,135	259,231	278,163	56.2	29,384	45	37	26	48	62.7	46,761	33.5
April.....	65	367,280	5,195	51,272	40,526	302,216	218,366	55.1	19,954	26	29	21	28	59.7	35,779	31.3
May.....	59	332,439	4,577	45,929	42,621	315,448	193,637	52.9	16,519	30	25	18	28	58.3	32,923	29.1
June.....	63	320,783	4,247	40,117	42,177	305,150	170,910	51.0	18,933	30	34	16	31	55.0	37,466	27.5
July.....	69	278,656	3,659	35,418	41,394	281,249	227,952	50.0	26,719	39	50	17	45	53.6	38,382	26.2
August.....	90	402,601	5,539	45,195	63,156	209,407	485,860	52.6	41,361	59	57	26	60	53.4	59,905	29.5
September.....	104	491,655	6,866	56,991	66,848	160,121	444,028	57.9	46,055	70	74	36	65	56.7	59,694	32.6
October.....	99	502,244	7,046	63,277	61,641	166,668	347,123	56.2	42,423	73	73	43	66	56.5	53,703	30.8
Monthly average, January through October:																
1930.....	91	455,696	6,493	54,242	56,713	434,220	307,323	86.4	36,886	57	55	43	49	79.9	46,947	62.8
1931.....	96	460,323	6,583	53,438	55,815	284,202	302,737	67.9	44,669	59	64	40	59	69.0	49,581	44.1
1932.....	81	406,967	5,687	51,451	54,341	249,320	313,518	54.4	31,003	48	64	25	48	58.2	46,932	31.5

¹ Adjusted for seasonal variation.

² Weekly average.

³ Grease equivalent.

EMPLOYMENT CONDITIONS AND WAGES †

Year and month	Factory employment and pay rolls										Federal Civilian Employees U. S. 5	Trades-union mem- bers employed 6				Weekly earnings, Massachusetts 3	Factory earnings			
	Employment				Pay rolls							Building trades	Metal trades	Printing trades	All other trades		Average hourly earnings 7 (25 industries)			
	Cities		States		Cities			States									All wage earners	Male		Female
	Baltimore 1	Milwaukee 2	Maryland 1	Massachusetts 3	Baltimore 1	Milwaukee 2	Philadelphia 4	Maryland 1	Massachusetts 3	Skilled and semi-skilled								Unskilled		
	1929-1931 = 100	1925-1927 = 100	1929-1931 = 100	1925-1927 = 100	1929-1931 = 100	1925-1927 = 100	1923-1925 = 100	1929-1931 = 100	1925-1927 = 100	Number								Per cent		
1926																				
January	105.7	127.6	102.6			105.8	132.2	103.0		547,237					100.4	.558	.642	.454	.389	
February	106.4	128.0	104.0			108.7	132.1	104.6		545,972					100.6	.562	.647	.460	.391	
March	105.4	129.2	105.6			108.9	133.0	107.3		547,805					101.6	.565	.650	.460	.396	
April	103.3	127.3	103.3			108.7	129.7	102.8		552,067					99.5	.564	.648	.457	.396	
May	100.3	126.0	101.8			107.7	128.5	101.1		557,181					99.3	.568	.630	.460	.396	
June	99.3	124.9	99.0			106.2	129.3	97.6		550,705					98.6	.569	.654	.459	.397	
July	98.4	123.8	96.4			105.4	129.0	95.0		562,366					98.5	.568	.651	.464	.399	
August	103.4	124.4	99.1			107.4	128.9	98.9		559,856					99.8	.567	.650	.459	.396	
September	101.8	128.1	102.2			109.7	131.8	102.1		555,891					99.9	.571	.656	.460	.401	
October	99.9	127.5	104.7			118.7	134.5	104.1		552,250					99.4	.573	.656	.465	.400	
November	98.1	125.0	103.7			117.2	125.3	104.0		540,383					100.3	.575	.657	.464	.400	
December	97.5	124.3	101.1			116.8	131.2	101.2		546,341					100.1	.572	.653	.462	.400	
Monthly average	101.6	126.3	102.0			109.9	130.5	101.8		551,505					99.8	.568	.651	.460	.397	
1927																				
January	94.9	122.2	98.4			106.9	127.1	97.1		546,166					98.7	.571	.649	.467	.401	
February	99.0	124.0	99.7			111.4	133.4	100.6		547,130					100.9	.575	.657	.471	.399	
March	100.4	123.9	99.5			111.0	128.6	100.8		550,269					101.3	.574	.655	.472	.398	
April	98.5	123.7	98.5			106.2	127.9	100.1		565,623					101.6	.577	.659	.473	.399	
May	97.3	120.9	97.6			105.9	121.5	99.2		556,984					101.6	.576	.657	.473	.399	
June	97.1	120.0	96.2			100.3	122.1	96.6		559,138					100.4	.578	.661	.476	.399	
July	97.8	117.3	95.7			98.4	119.2	94.8		564,305					99.1	.575	.658	.473	.398	
August	99.5	119.2	97.2			99.7	121.0	99.4		565,353					102.3	.576	.656	.471	.397	
September	97.3	119.3	99.3			99.8	124.7	101.9		564,804					102.6	.579	.661	.470	.399	
October	96.8	116.2	99.4			99.9	117.4	99.5		563,601					100.1	.579	.661	.474	.399	
November	93.0	110.7	98.0			98.7	111.0	98.1		558,889					100.1	.575	.657	.467	.400	
December	94.9	111.3	95.0			100.1	113.7	95.4		554,175					100.4	.575	.658	.468	.399	
Monthly average	97.1	119.1	97.9			103.2	122.3	98.7		558,036					100.8	.576	.657	.471	.399	
1928																				
January	94.7	108.4	93.4			102.3	111.7	93.7		555,578	64	82	96	90	100.3	.573	.653	.469	.397	
February	94.1	111.9	94.3			105.5	118.2	95.4		555,894	61	84	95	90	101.2	.573	.651	.469	.397	
March	95.9	113.8	94.6			101.2	120.6	96.1		559,643	62	84	95	89	101.6	.575	.656	.471	.396	
April	93.9	112.3	91.1			93.0	112.9	90.5		561,838	68	88	95	91	99.3	.576	.656	.468	.398	
May	93.5	111.2	88.8			98.6	116.5	89.2		567,206	75	88	96	91	100.4	.577	.655	.477	.395	
June	93.8	109.5	87.8			99.4	114.3	83.6		568,715	78	90	96	92	100.9	.578	.657	.477	.396	
July	93.0	107.1	86.3			99.0	108.0	87.2		574,487	76	87	95	92	101.1	.576	.653	.476	.393	
August	93.9	108.5	89.1			103.3	111.9	90.0		580,715	81	91	95	94	101.0	.579	.658	.478	.391	
September	93.8	110.4	92.0			108.5	113.0	95.1		578,872	78	92	95	94	103.4	.583	.663	.478	.396	
October	93.8	112.2	95.0			109.5	117.8	97.9		578,216	82	92	95	93	103.1	.587	.671	.478	.395	
November	93.6	108.9	95.3			106.1	114.0	96.3		575,233	79	93	96	92	101.0	.582	.665	.471	.395	
December	93.2	108.4	93.4			102.9	115.5	96.4		573,107	77	93	97	89	103.2	.580	.663	.470	.395	
Monthly average	93.8	110.2	91.6			102.4	114.5	92.9		569,125	73	89	95	91	101.4	.578	.658	.473	.395	
1929																				
January	105.6	92.4	105.1	91.9	107.8	101.5	106.6	93.1		573,144	70	92	96	88	101.3	.584	.663	.483	.398	
February	108.3	95.4	107.7	94.4	118.1	110.9	117.7	98.1		569,841	67	92	95	89	103.9	.588	.668	.482	.401	
March	112.1	96.8	111.0	95.5	121.7	111.9	121.0	100.1		574,887	66	93	95	92	104.8	.587	.667	.484	.399	
April	113.2	97.0	111.8	94.7	122.2	114.7	121.5	98.8		579,747	71	95	96	92	104.3	.587	.666	.483	.400	
May	112.8	97.5	112.1	94.7	121.1	116.6	121.3	98.7		586,325	74	95	97	94	104.2	.591	.669	.487	.402	
June	112.0	97.7	111.5	94.0	119.8	117.1	120.3	97.6		587,665	81	95	97	93	103.8	.590	.667	.487	.403	
July	111.7	98.4	111.0	94.0	116.9	114.3	116.4	97.4		596,595	84	94	96	93	103.6	.587	.664	.486	.393	
August	112.4	104.3	111.9	95.4	117.4	107.6	121.6	100.2		600,332	82	93	96	93	105.0	.587	.666	.486	.391	
September	114.9	104.6	113.2	97.0	117.9	104.4	120.2	101.9		599,700	79	93	97	93	105.1	.592	.670	.490	.397	
October	113.1	104.4	112.0	97.0	119.2	108.3	119.7	100.7		597,437	78	93	96	93	103.8	.592	.672	.490	.397	
November	111.9	100.8	110.3	93.5	117.2	102.2	114.0	101.8		593,262	77	92	96	91	99.9	.591	.668	.486	.396	
December	108.7	96.4	107.6	89.9	111.5	92.9	112.8	111.1		589,145	68	89	96	90	99.9	.591	.666	.481	.397	
Monthly average	111.4	98.8	110.4	94.3	117.6	103.1	114.6	101.4		587,340	75	93	96	92	103.3	.589	.667	.485	.398	
1930																				
January	103.9	94.1	103.5	85.1	104.1	88.7	108.1	105.3	84.8	587,087	62	85	95	88	99.6	.588	.664	.480	.394	
February	106.3	95.2	105.7	86.6	111.8	93.1	107.2	111.9	86.1	587,989	57	82	95	87	99.4	.592	.666	.486	.398	
March	107.5	97.5	106.3	86.5	114.8	95.6	104.8	114.3	86.6	592,954	59	82	94	87	100.1	.591	.665	.481	.399	
April	109.2	96.3	107.3	85.5	114.7	94.9	104.5	115.0	84.7	598,559	60	81	94	88	99.1	.593	.668	.484	.398	
May	107.4	95.5	106.3	84.8	111.5	90.7	101.3	111.2	83.4	604,318	63	81	94	87	98.4	.592	.665	.477	.399	
June	105.3	91.0	104.9	82.1	107.1	84.6	97.3	106.9	79.4	608,915	63	81	94	86	96.7	.589	.658	.477	.401	
July	100.5	88.3	100.4	77.8	100.1	74.4	90.8	99.8	74.3	613,512	61	79	93	84	95.5	.591	.663	.479	.395	
August	100.2	84.8	99.8	78.8	99.7	73.0	93.6	100.4	75.6	613,062	61	80	92	84	96.0	.593	.667	.478	.398	
September	102.2	85.3	102.4	79.9	103.1	74.1														

EMPLOYMENT CONDITIONS AND WAGES—Continued

Year and month	Factory employment and pay rolls									Federal Civilian Employees U. S. ⁵	Trades-union members employed ⁶				Weekly earnings, Massachusetts ³	Factory earnings			
	Employment				Pay rolls						Building trades	Metal trades	Printing trades	All other trades		Average hourly earnings (25 industries) ⁷			
	Cities		States		Cities		States									All wage earners	Male		Female
	Baltimore ¹	Milwaukee ²	Maryland ¹	Massachusetts ³	Baltimore ¹	Milwaukee ²	Philadelphia ⁴	Maryland ¹	Massachusetts ³								Skilled and semi-skilled	Unskilled	
	1929-1931 = 100	1925-1927 = 100	1929-1931 = 100	1925-1927 = 100	1929-1931 = 100	1925-1927 = 100	1923-1925 = 100	1929-1931 = 100	1925-1927 = 100								Dollars		
Number									Per cent				Dollars						
1931										Number									
January	87.3	76.5	87.8	73.9	81.5	59.6	73.5	81.8	67.4	598,620	49	72	90	81	91.2	.576	.650	.473	.377
February	89.7	75.6	90.2	75.8	87.1	62.5	75.4	86.8	70.2	601,347	48	71	90	83	92.6	.577	.647	.471	.379
March	91.2	76.6	91.8	76.5	87.1	66.1	75.4	88.0	71.5	607,924	48	73	89	84	93.4	.576	.648	.474	.383
April	92.6	77.4	93.1	76.8	88.3	67.7	76.1	90.1	70.4	613,916	50	71	88	84	91.7	.573	.647	.470	.377
May	91.9	77.1	92.9	75.3	86.1	66.5	75.7	86.8	68.1	616,535	52	72	89	85	90.5	.570	.643	.467	.374
June	87.3	76.2	88.7	73.4	80.6	64.3	73.7	81.3	64.9	616,837	52	69	88	84	88.4	.567	.639	.464	.372
July	86.5	75.4	87.9	71.9	76.2	58.3	68.2	77.4	64.1	625,623	50	68	87	83	89.1	.564	.633	.462	.370
August	86.5	73.1	87.8	73.5	79.4	57.0	73.8	80.0	65.6	623,666	49	70	86	84	89.2	.568	.638	.465	.371
September	86.8	73.1	87.6	73.0	76.6	52.3	69.7	76.9	63.3	621,162	48	69	86	84	86.7	.562	.627	.458	.369
October	83.7	66.6	84.8	67.1	71.3	48.6	70.8	72.3	55.6	618,795	47	69	86	84	82.9	.560	.625	.452	.365
November	80.0	69.4	81.2	64.0	65.4	50.4	67.1	66.3	52.5	614,262	46	68	85	82	82.0	.542	.610	.440	.356
December	78.9	69.2	80.5	62.9	65.5	50.0	68.9	67.0	51.5	606,368	41	65	85	80	81.8	.538	.606	.435	.353
Monthly average	86.9	73.9	87.9	72.0	78.8	58.6	64.0	79.6	63.8	613,755	48	70	87	83	88.3	.564	.634	.461	.371

† The 1932 monthly figures for these series may be found under the section "Employment Conditions and Wages," pp. 27-29.

¹ Compiled by the Maryland Commission of Labor and Statistics, and represent weighted indexes of employment and pay rolls in manufacturing industries in Maryland and the Baltimore industrial area. The indexes are constructed by series of chained monthly relatives covering each of the industries included, weighted on the basis of the 1929 Census of Manufactures.

² Compiled by the Industrial Commission of Wisconsin and represent total employment and aggregate weekly pay rolls in manufacturing industries in the city of Milwaukee.

³ Compiled by the Department of Labor and Industries, Commonwealth of Massachusetts, and cover about 1,000 representative manufacturing establishments. For the base period the statistics cover 590,616 wage-earners with a weekly pay roll of \$14,363,781 and average weekly earnings of \$24.32. The index numbers for the 3 basic years, and for 1923, 1929, and 1930, were computed from the annual Census of Manufactures, and since January, 1931, from data obtained from a monthly survey of representative manufacturing establishments.

⁴ Compiled by the Federal Reserve Bank of Philadelphia from monthly reports from about 250 manufacturing plants representing 52 industries which in 1929 employed about 101,000 workers with a total pay roll of \$147,000,000. The Philadelphia indexes refer to the industrial area comprising Philadelphia, Bucks, Chester, Delaware, and Montgomery Counties. The index number has been adjusted to the trend as shown by the Census of Manufactures from 1923 through 1927 and will be similarly adjusted for subsequent censuses.

⁵ Compiled by the United States Civil Service Commission, and represent the number of officers and employees in the executive civil service and also those in the Post Office Department. They include both permanent and temporary employees, classified and unclassified, and include employees both in and outside the District of Columbia. The figures do not include employees in the legislative or judicial services nor the commissioned, warranted, or enlisted personnel of the military, naval, marine corps, or coast guard services, nor the government of the District of Columbia.

⁶ These statistics cover the groups included in the reports of the American Federation of Labor on trades-union unemployment, and have been inverted to show trades-union employment. The Federation's percentages are based on reports covering about 750,000 members.

⁷ These statistics round out the computations of the National Industrial Conference Board previously carried in the Survey (see the 1932 Annual Supplement and p. 20 of the October, 1932, issue). They are based on reports of manufacturing plants in 25 industries throughout the United States. The number of plants represented at the end of 1931 was over 1,400, employing an average of 585,000 wage earners (840,000 in 1923). The weekly earnings upon which the hourly rates are based are computed by weighting the average weekly earnings found in each industry by weights based on the relative importance of each industry as revealed in the Census of Manufactures of 1923. For each separate labor group the weights, in addition to being based on the Census of Manufactures of 1923, also reflect the relative importance of each group in each industry, as revealed in the Conference Board's studies during 1927-1929. Data on hours of work have been computed from the same number of plants and workers as the weekly earnings.

⁸ Average of months shown.

FAIRCHILD RETAIL PRICE INDEX¹

[December, 1930-January 1, 1931=100]

Month	Combined index		Apparel			Home furnishings	Piece goods	Combined index	Apparel			Home furnishings	Piece goods	
			Infants'	Men's	Women's				Infants'	Men's	Women's			
	1929	1930	1931			1932								
January			98.1	99.9	98.4	98.6	98.5	98.2	81.3	86.6	83.3	82.9	80.8	77.8
February			96.3	98.7	97.5	96.8	97.2	96.6	80.1	86.6	81.7	80.9	80.1	76.7
March			95.4	98.7	97.6	95.9	97.0	95.9	79.2	85.5	80.9	79.9	79.1	75.5
April			94.3	95.9	97.0	95.3	95.7	94.1	78.2	84.1	80.2	78.7	78.2	75.2
May		108.6	93.4	95.4	95.5	94.2	94.3	93.7	76.8	83.0	79.4	77.5	77.3	72.7
June			92.0	93.8	94.4	93.5	92.5	92.3	75.1	79.5	77.2	76.2	76.2	71.5
July			90.3	92.5	93.2	91.3	90.4	88.7	74.0	78.4	75.8	75.0	75.2	69.8
August			88.9	92.3	92.0	90.2	89.2	86.3	73.6	78.5	74.7	74.9	74.8	70.7
September			87.4	91.6	90.6	88.7	88.2	84.9	73.6	77.9	74.6	75.4	74.9	71.1
October		118.4	86.2	90.9	88.8	87.9	87.0	83.4	73.3	77.2	74.5	75.4	74.2	70.9
November			84.8	90.6	87.6	87.0	84.8	81.4						
December		116.1	83.5	88.7	86.1	84.9	82.6	78.9						
Monthly average			90.9	94.1	93.2	92.0	91.5	89.5						

¹ Compiled by the Fairchild Publications, and includes data on representative department-store articles reported by 36 leading retail organizations, located in 23 of the principal cities of the country. The indexes represent price quotations as of the first of each month, but in the Survey the statistics are treated as representing the condition as of the preceding month.

Chain-Store Index.—On p. 26 of this issue is included a new index of chain-store sales. This index is computed by the Chain Store Age and covers the sales of 20 leading chain-store companies, including 6 grocery, 4 five-and-ten (variety), 4 apparel, 2 drug, and 2 shoe chains. Only the combined index for all groups and the indexes for grocery and apparel chains are shown in the Survey, but the others are published by the reporting source. The indexes have been computed only since January, 1931, and are based on daily average sales. The indexes are expressed as a percentage of the sales for the same 3 months of the base period, 1929 to 1931, inclusive; e. g., the January, 1932, figure is the index ratio to the average daily January sales of 1929, 1930, and 1931, the base period. The composite index is computed by totaling the monthly average daily sales of all companies, and dividing the result by the corresponding monthly average for the base period; it is not an average of the groups. Allowance for the fluctuating date of Easter is made in the case of the five-and-ten (variety), apparel, and shoe groups. No allowance has been made for the number of stores operated.

NET GOLD IMPORTS [OR EXPORTS] INCLUDING CHANGES IN EARMARKED GOLD ¹

[Thousands of dollars]

Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	22,719	44,855	-69,298	10,221	63,952	-8,266	-17,802	4,461	46,272	-47,567
February.....	11,313	35,199	-53,363	10,565	23,075	-8,252	25,488	59,991	18,642	-64,198
March.....	5,559	31,053	-27,093	16,200	9,255	-59,053	32,342	70,477	28,645	33,639
April.....	8,533	43,469	2,116	-4,768	10,911	-45,410	71,663	66,225	42,016	-26,269
May.....	45,332	41,481	13,978	-6,408	-63,298	-108,200	39,757	25,470	53,630	-217,664
June.....	18,885	20,913	2,788	14,964	12,271	-49,878	22,699	15,912	156,111	-234,844
July.....	25,907	15,924	2,686	18,751	9,119	-2,912	12,731	-22,640	-10,197	52,800
August.....	30,655	7,768	14,301	1,436	3,852	6,663	17,390	-19,618	41,500	106,614
September.....	27,441	-11,153	-1,155	-9,494	-20,465	-737	10,975	6,539	-258,529	100,186
October.....	26,488	-1,423	25,572	7,705	-33,643	14,539	13,015	20,262	-445,295	66,391
November.....	39,010	12,673	-11,904	1,513	-93,184	-18,326	-22,162	33,025	117,746	-----
December.....	31,930	-30,901	-752	10,816	-75,918	7,553	-86,429	17,583	33,935	-----
Monthly average.....	24,481	17,988	-8,510	5,958	-12,839	-22,695	9,972	23,140	-14,627	-----

¹ Compiled by the Federal Reserve Board, Division of Research and Statistics, and represent the net gain or loss for the month in gold holdings as a result of the actual movement of gold to or from the country as well as the net change in the stock held under earmark. Statistics prior to 1923 are not available.

PRODUCTION OF TIN AND TERNE PLATE ¹

[Long tons]

Month	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	114,000	138,000	163,000	132,000	138,000	172,000	138,800	191,900	168,000	123,000	81,000
February.....	102,000	121,000	150,000	123,000	138,000	166,000	138,400	162,800	152,300	129,000	77,000
March.....	101,000	128,000	152,000	138,000	157,000	165,000	159,900	166,600	171,100	154,000	99,000
April.....	146,000	125,000	144,000	144,000	159,000	160,000	163,900	191,300	183,300	165,000	93,000
May.....	135,000	124,000	120,000	138,000	146,000	157,000	191,000	200,000	174,500	141,000	93,000
June.....	121,000	121,000	105,000	154,000	138,000	141,000	167,800	162,200	160,000	135,000	93,000
July.....	102,000	112,000	92,000	145,000	144,000	132,000	175,200	160,200	143,500	130,000	83,000
August.....	106,000	131,000	86,000	150,000	151,000	141,000	174,200	167,100	133,500	101,000	75,000
September.....	97,000	120,000	92,000	136,000	144,000	124,000	136,900	146,000	144,500	97,000	77,000
October.....	84,000	137,000	109,000	132,000	147,000	120,000	147,700	151,100	127,300	89,000	88,000
November.....	90,000	128,000	98,000	128,000	157,000	117,000	130,500	121,800	92,000	85,000	-----
December.....	90,000	126,000	108,000	138,000	164,000	111,000	134,800	131,300	106,700	95,000	-----
Monthly average.....	107,333	125,917	118,250	138,167	148,583	142,167	154,925	162,692	146,392	120,583	-----

¹ Compiled by the American Bureau of Metal Statistics and cover approximately the entire output of tin and terne plate in the United States and the consumption of tin in the manufacture of these products. According to the estimates of the Bureau of Mines, United States Department of Commerce, the consumption of tin in the manufacture of tin and terne plate accounted for the following percentages of the total domestic consumption of tin in the years specified: 1927, 36 per cent; 1928, 37 per cent; and 1930 43 per cent.

CONSUMPTION OF TIN IN PRODUCTION OF TIN AND TERNE PLATE ¹

[Long tons]

Month	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	2,000	2,300	2,600	2,100	2,100	2,400	2,000	2,800	2,600	2,000	1,300
February.....	1,800	2,000	2,400	1,900	2,100	2,400	2,000	2,400	2,300	2,100	1,200
March.....	1,700	2,100	2,400	2,200	2,400	2,400	2,300	2,400	2,600	2,500	1,500
April.....	2,500	2,000	2,300	2,200	2,400	2,300	2,300	2,800	2,800	2,700	1,600
May.....	2,300	2,000	1,900	2,200	2,200	2,200	2,700	2,900	2,700	2,300	1,500
June.....	2,100	2,000	1,700	2,300	2,100	2,000	2,400	2,400	2,400	2,200	1,500
July.....	1,800	1,800	1,400	2,300	2,200	1,900	2,500	2,400	2,100	2,100	1,300
August.....	1,800	2,200	1,400	2,400	2,300	2,000	2,500	2,500	2,000	1,600	1,200
September.....	1,700	2,000	1,400	2,100	2,200	1,800	2,000	2,100	2,200	1,500	1,200
October.....	1,400	2,200	1,700	2,100	2,200	1,700	2,100	2,200	2,000	1,400	1,400
November.....	1,600	2,100	1,600	2,000	2,400	1,600	1,900	1,800	1,400	1,400	-----
December.....	1,500	2,000	1,700	2,200	2,500	1,500	1,900	1,900	1,600	1,500	-----
Monthly average.....	1,842	2,058	1,875	2,167	2,258	2,017	2,217	2,383	2,225	1,942	-----

¹ See footnote to preceding table.

DEPARTMENT-STORE SALES—PHILADELPHIA FEDERAL RESERVE DISTRICT ¹

[Without adjustment for seasonal variation]

[1923-1925=100]

Month	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	68	81	82	77	82	86	83	86	80	75	78	80	71	56
February.....	63	72	76	71	80	87	81	78	78	76	75	73	66	55
March.....	64	93	92	84	105	94	96	103	94	96	99	83	83	66
April.....	88	92	93	94	92	108	105	98	103	91	90	95	82	66
May.....	70	107	89	90	102	99	95	105	94	95	93	91	78	63
June.....	73	100	89	89	105	97	99	98	97	96	95	84	82	60
July.....	57	69	63	60	68	69	69	70	65	65	62	58	54	39
August.....	57	67	67	68	75	69	69	71	73	65	69	63	55	42
September.....	71	79	69	79	83	84	85	88	83	89	84	79	67	53
October.....	92	102	98	103	118	110	124	119	109	115	122	114	89	74
November.....	110	118	106	118	129	118	122	124	120	114	114	101	80	-----
December.....	135	139	145	156	166	172	174	180	174	174	173	152	128	-----
Monthly average.....	79	93	89	91	101	99	100	102	98	96	96	89	78	-----

¹ Compiled by the Federal Reserve Board, Division of Research and Statistics, up through December, 1930, and since that time by the United States Department of Commerce, Bureau of Foreign and Domestic Commerce, from statistics supplied by the Federal Reserve Board. The indexes are not adjusted for seasonal influences and are based on the total monthly sales of reporting stores for the Philadelphia district.

WEEKLY BUSINESS INDICATORS

[Weekly average 1923-1925=100]

ITEM	1932			1931			1930		1929		ITEM	1932			1931			1930		1929	
	Nov. 26	Nov. 19	Nov. 12	Nov. 28	Nov. 21	Nov. 14	Nov. 29	Nov. 22	Nov. 15	Nov. 8		Nov. 26	Nov. 19	Nov. 12	Nov. 28	Nov. 21	Nov. 14	Nov. 29	Nov. 22	Nov. 15	Nov. 8
Business activity:											Finance—Continued.										
New York Times *	55.5	55.8	55.1	63.7	63.2	64.6	79.8	78.2	95.0	95.5	Banking—										
Business Week * †	52.7	51.9	52.0	65.9	66.1	66.4	80.4	80.9	102.1	101.4	Debits, outside N. Y. C.										
Commodity prices, wholesale:											(da. av.)	57.4	57.4	59.5	73.5	89.9	65.3	97.3	118.6	127.6	159.6
Dept. of Labor, 1926=100—											Federal reserve reporting member banks—										
Combined index (784)	64.0	64.2	64.0								Deposits—										
Farm products (67)	47.3	48.3	46.6								Net demand	95.7	95.9	95.3	101.7	101.7	114.9	115.7	115.0	117.8	
Foods (122)	61.6	61.3	60.2								Time	125.3	125.5	125.9	137.0	137.6	138.0	165.1	155.1	149.1	148.3
Fisher's index, 1926=100—											Loans, total	83.0	82.8	83.4	107.3	107.6	107.4	132.2	133.5	141.6	142.9
Combined index (120)	60.5	60.4	60.3	67.8	68.6	68.6	80.6	80.8	92.3	92.2	Interest rates—										
Agricultural (30)	44.3	44.2	44.1	52.2	53.7	53.9	77.5	78.7	97.5	97.2	Call loans (da. av.)	24.2	24.2	24.2	60.6	57.7	60.6	48.5	48.5	109.1	115.1
Nonagricultural (90)	63.4	63.3	63.2	70.0	70.2	70.2	80.3	80.3	91.2	91.1	Time loans (da. av.)	20.6	11.4	12.6	80.0	85.7	91.4	62.9	62.9	114.3	125.7
Copper, electrolytic	37.7	37.7	37.0	44.9	48.5	49.3	78.3	73.9	129.0	129.0	Money in circulation										
Cotton, middling, spot	21.7	23.5	24.6	22.8	22.8	24.3	39.0	40.1	64.0	64.7	(da. av.)	116.1	116.2	116.5	113.0	113.2	114.0	94.3	92.9	100.1	99.2
Iron and steel, composite	69.8	69.9	70.8	73.8	74.0	74.0	77.0	77.0	86.9	86.9	Production:										
Construction, contract awards (da. av.)	51.5	60.1	59.0	58.3	68.2	72.0	73.1	81.3	87.2	99.1	Bituminous coal (da. av.)	76.9	76.3	74.9	74.0	69.1	78.9	98.3	87.0	114.9	109.3
Distribution: Car loadings	61.6	61.3	60.2								Electric power †	88.5	92.0	91.3	98.0	99.3	97.4	100.4	103.4	103.1	109.1
Employment: Detroit factory	61.6	61.3	60.2								Lumber ×	37.2	40.1	40.1	45.7	51.3	49.5				
Finance:											Petroleum (da. av.)	100.8	101.3	102.4	116.2	117.8	118.3	108.8	109.6	126.6	126.4
Failures, com'l (number)	113.0	117.9	121.6	120.9	144.5	130.5	113.3	139.8	91.2	116.0	Steel ingots	21.1	23.7	25.0	36.8	38.2	40.8	51.3	52.6	88.2	90.8
Security prices—											Receipts, primary markets:										
Bond prices (da. av.)	87.0	87.8	87.8	92.8	95.0	96.3	106.5	106.7	104.9	103.3	Cattle and calves	68.4	85.1	58.2	80.4	87.0	95.9	69.0	83.9	76.6	102.8
Stock prices (da. av.)	58.0	60.0	61.0	85.5	92.7	101.7	164.0	166.0	207.8	205.3	Hogs	56.7	73.5	48.7	84.1	101.4	95.5	67.8	88.9	90.6	99.8
											Cotton	171.5	234.6	238.2	191.9	265.4	298.8	180.0	185.4	168.8	184.2
											Wheat	118.5	109.7	83.2	55.5	62.4	88.0	40.4	80.3	53.3	48.0

* Computed normal=100. † Latest week is preliminary. ‡ Weekly average 1928-1930=100. × Average same week 3 latest years (1929-1931)=100.

WEEKLY BUSINESS STATISTICS

ITEM	1932			1931		1930		1929		1928	
	Nov. 26	Nov. 19	Nov. 12	Nov. 23	Nov. 21	Nov. 29	Nov. 22	Nov. 30	Nov. 23	Dec. 1	Nov. 24
COMMODITY PRICES, WHOLESALE											
Copper, electrolytic, New York	0.652	0.652	0.651	0.662	0.667	0.108	0.102	0.178	0.178	0.158	0.158
Cotton, middling, spot, New York	.059	.064	.067	.062	.062	.106	.109	.174	.176	.207	.205
Food index (Bradstreet's)	1.73	1.71	1.67	2.07	2.13	2.61	2.61	3.14	3.16	3.35	3.32
Iron and steel composite	28.91	28.92	29.32	30.55	30.63	31.86	31.86	35.97	35.97	36.13	36.19
Wheat, No. 2, hard winter (K. C.)	.41	.44	.44	.54	.58	.70	.68	1.21	1.20	1.14	1.14
FINANCE											
Banking:											
Debits, New York City	2,187	2,457	1,927	3,375	3,780	5,036	5,748	10,327	13,199	12,167	11,279
Debits, outside New York City	2,663	2,662	2,299	3,414	4,170	4,514	5,500	5,913	7,402	6,080	6,909
Federal reserve banks—											
Reserve bank credit, total	2,201	2,208	2,199	1,941	1,972	1,028	1,003	1,522	1,564	1,729	1,558
Bills bought	35	35	34	480	534	176	178	257	284	482	484
Bills discounted	308	307	311	686	662	234	205	912	900	990	800
U. S. Government securities	1,851	1,851	1,851	727	727	596	596	326	327	229	226
Federal reserve reporting member banks—											
Deposits, net demand	11,559	11,584	11,505	12,206	12,279	13,882	13,974	13,890	14,227	13,408	13,396
Deposits, time	5,682	5,694	5,707	6,211	6,241	7,487	7,486	6,760	6,722	6,846	6,849
Investments, total	8,558	8,604	8,601	7,503	7,560	6,854	6,804	5,655	5,650	5,894	5,876
U. S. Government securities	5,252	5,303	5,291	4,017	4,064	3,093	3,105	2,808	2,784	2,977	2,972
Loans, total	10,375	10,342	10,425	13,405	13,442	16,527	16,690	17,698	17,861	16,200	16,097
On securities	4,257	4,249	4,295	5,831	5,889	7,761	7,838	7,889	7,991	7,246	7,104
All other	6,118	6,094	6,130	7,574	7,553	8,766	8,852	9,809	9,870	8,954	8,993
Interest rates, call loans	1.00	1.00	1.00	2.50	2.38	2.00	2.00	4.50	4.75	7.50	6.50
Interest rates, time loans	.90	.90	.90	3.50	3.75	2.75	2.75	5.00	5.50	7.00	7.00
Exchange rate, sterling (da. av.)	3.25	3.30	3.30	3.62	3.76	4.86	4.86	4.88	4.88	4.85	4.85
Failures, commercial	4.69	4.80	4.95	4.92	5.88	4.61	5.69	371	472	417	476
Money in circulation	5,636	5,643	5,657	5,486	5,496	4,580	4,513	4,860	4,816	4,908	4,835
Security markets:											
Bond sales, N. Y. S. E.	31,900	39,300	36,400	46,367	51,074	40,969	46,537	54,075	73,544	45,535	48,429
Bond prices, 40 corporate issues	77.94	78.63	78.63	83.08	85.05	95.40	95.56	93.93	92.48	96.68	96.83
Stock sales, N. Y. S. E.	3,727	5,117	7,957	6,849	9,075	8,175	12,502	8,087	14,362	26,041	30,350
Stock prices (50) (N. Y. Times)	56.33	58.28	59.22	83.06	89.98	159.27	161.22	201.76	199.37	227.16	224.07
Stock prices (421) (Standard Statistics)	47.8	49.9	48.2	66.0	70.5	117.1	116.9	152.5	157.1	178.9	175.3
Industrials (351)	45.8	47.8	46.3	62.4	66.5	109.6	109.2	145.5	150.5	186.4	184.2
Public utilities (37)	78.7	80.8	77.7	107.2	112.9	166.7	166.5	198.2	203.5	180.5	170.5
Railroads (33)	25.6	27.2	26.1	39.3	44.4	100.4	101.3	136.8	138.9	139.7	137.2
PRODUCTION, CONSTRUCTION, AND DISTRIBUTION											
Production:											
Bituminous coal (da. av.)	1,309	1,299	1,276	1,261	1,177	1,674	1,482	1,938	1,892	1,936	1,860
Electric power	1,475	1,532	1,521	1,600	1,655	1,672	1,722	1,718	1,818	1,619	1,701
Petroleum	2,099	2,111	2,134	2,420	2,453	2,266	2,282	2,638	2,633	2,506	2,505
Steel ingots	16	18	19	28	29	39	40	67	69	84	83
Construction, contract awards (da. av.)		4,017	4,249	6,754		10,380		17,092		21,331	
Distribution:											
Exports—											
Corn	531	341	203	110		0	21	64	84	973	350
Wheat	888	733	346	1,754	2,465	99	819	1,465	1,808	1,291	1,584
Wheat flour	46	88	33	110	165	283	187	169	208	177	245
Freight-car loadings, total	493,882	575,851	537,093	558,798	653,508	701,050	779,752	836,310	949,716	900,556	929,237
Coal and coke	120,015	142,877	117,710	109,192	121,549	155,591	155,364	188,335	199,872	189,332	211,449
Forest products	14,757	16,134	15,984	19,835	21,227	32,095	33,111	48,611	54,864	58,448	64,715
Grain and products	26,650	29,653	25,090	29,592	36,872	33,633	30,348	38,716	39,780	53,591	54,777
Livestock	17,113	21,027	18,357	23,563	25,547	25,760	24,845	25,769	29,821	25,623	32,873
Merchandise, l. c. l.	147,161	171,250	169,908	177,083	209,033	194,759	229,621	220,000	257,825	226,169	260,430
Ore	17,226	2,991	2,795	4,190	4,901	5,773	8,223	9,438	15,744	11,183	17,752
Miscellaneous	106,460	191,919	187,249	195,393	234,374	255,439	292,340	305,441	351,810	336,210	387,241
Receipts—											
Cattle and calves	216	269	184	254	275	218	265	242	325	214	331
Hogs	368	477	316	546	658	440	577	588	648	479	659
Cotton into sight	446	610	614	499	690	494	482	439	479	621	615
Wheat primary markets	9,413	8,718	6,608	4,407	4,961	3,206	6,379	4,234	3,811	11,192	11,062
Wool, total, Boston	482	5,391	1,360	756	3,129	734</					

Monthly Business Statistics

The following summary shows the trend of industrial, commercial, and financial statistics for the past 13 months. Statistics through December, 1931, for all series except those marked with an asterisk (*) will be found in the 1932 Annual Supplement to the Survey of Current Business, together with an explanation of the sources and basis of the figures quoted. Series so marked represent additions since the Annual was issued and similar information, if published, will be found in the places noted at the bottom of each page. Later data will be found in the Weekly Supplement to the Survey.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931				1932					
	October	October	November	December	January	February	March	April	May	June	July	August

BUSINESS INDEXES

BUSINESS ACTIVITY (Annalist)													
Combined index.....normal=100.....	59.7	66.3	65.1	65.5	62.8	62.6	61.6	56.5	52.9	52.9	52.0	55.5	* 60.3
Automobile production.....normal=100.....	17.6	26.2	33.4	59.7	43.7	33.5	27.4	32.7	43.9	47.3	32.3	24.6	* 25.4
Bituminous coal production.....normal=100.....	64.5	68.3	66.6	64.6	57.1	62.5	74.5	54.0	47.7	44.5	45.1	49.9	* 57.0
Boot and shoe production.....normal=100.....	89.3	74.4	71.9	80.7	82.3	90.7	97.1	59.2	55.9	86.1	83.4	91.1	* 100.9
Carloadings, freight.....normal=100.....	56.0	67.9	65.8	65.6	62.8	61.7	60.1	58.2	51.2	50.1	48.8	48.9	* 52.4
Cotton consumption.....normal=100.....	83.4	74.1	72.8	72.1	70.3	71.5	73.2	56.8	55.7	57.5	57.4	75.3	* 89.0
Electric power production.....normal=100.....	67.5	78.1	76.2	75.9	73.5	73.1	72.2	70.4	67.9	68.4	67.3	67.5	* 68.3
Pig-iron production.....normal=100.....	20.9	37.4	36.3	31.9	31.5	31.5	27.9	24.9	22.5	19.7	18.0	16.7	* 19.7
Steel ingot production.....normal=100.....	24.0	35.5	40.7	32.6	32.7	31.1	26.3	25.0	23.1	20.2	19.3	18.3	* 22.5
Wool consumption.....normal=100.....	84.8	82.1	75.4	67.8	71.0	71.7	60.6	45.6	39.5	45.3	65.1	87.1	* 95.5
Zinc production.....normal=100.....	30.1	44.1	41.9	43.6	41.6	41.9	41.3	40.0	36.0	34.7	31.2	27.8	* 27.6
INDUSTRIAL PRODUCTION (F. R. B.)													
Total, unadjusted.....1923-1925=100.....	67	75	72	68	71	71	66	64	61	60	56	59	67
Manufactures, unadjusted.....1923-1925=100.....	65	72	70	66	70	70	66	63	61	59	55	58	66
Automobiles.....1923-1925=100.....	15	23	22	36	38	37	34	45	57	54	35	26	26
Cement.....1923-1925=100.....	63	85	67	47	40	34	38	45	55	65	61	62	67
Food products.....1923-1925=100.....	89	92	95	99	98	91	83	84	87	83	80	78	* 93
Glass, plate.....1923-1925=100.....	52	56	46	73	36	81	51	61	36	59	38	23	45
Iron and steel.....1923-1925=100.....	30	44	47	37	41	43	39	35	31	25	23	23	27
Leather and shoes.....1923-1925=100.....	103	88	75	71	70	91	94	87	80	79	76	93	* 107
Lumber.....1923-1925=100.....	27	34	26	25	24	23	28	30	31	29	26	26	25
Paper and printing.....1923-1925=100.....	91	91	85	99	99	100	99	100	94	90	78	80	85
Petroleum refining.....1923-1925=100.....	159	156	149	140	141	136	144	146	146	141	141	135	133
Rubber tires and tubes.....1923-1925=100.....	67	63	61	85	93	81	82	91	129	87	68	68	61
Shipbuilding.....1923-1925=100.....	70	118	66	17	116	151	111	94	100	79	33	33	33
Textiles.....1923-1925=100.....	102	95	92	83	94	91	83	67	60	59	64	86	* 104
Tobacco manufactures.....1923-1925=100.....	112	120	117	91	116	104	203	100	111	123	123	115	123
Minerals, unadjusted.....1923-1925=100.....	80	90	83	79	74	72	66	73	65	61	62	66	73
Anthracite.....1923-1925=100.....	79	95	68	68	59	62	67	85	49	37	45	48	62
Bituminous coal.....1923-1925=100.....	74	78	75	68	65	62	70	46	43	40	42	49	61
Iron ore shipments.....1923-1925=100.....	22	71	10	10	10	3	3	6	15	17	15	17	15
Lead.....1923-1925=100.....	39	68	61	62	60	56	56	45	48	50	29	32	39
Petroleum, crude.....1923-1925=100.....	106	117	120	117	107	107	112	110	107	106	106	106	108
Silver.....1923-1925=100.....	36	40	41	43	35	33	30	42	35	44	34	40	* 34
Zinc.....1923-1925=100.....	32	46	45	46	48	49	48	45	40	36	31	28	29
Total, adjusted.....1923-1925=100.....	66	73	73	74	72	69	67	63	60	59	58	60	66
Manufactures, adjusted.....1923-1925=100.....	64	71	71	73	71	65	64	61	58	57	57	59	65
Automobiles.....1923-1925=100.....	17	26	26	36	35	28	35	45	47	33	23	24	24
Cement.....1923-1925=100.....	55	75	67	61	65	56	53	46	46	52	50	46	54
Food products.....1923-1925=100.....	89	92	91	97	95	84	91	89	83	81	84	84	* 95
Glass, plate.....1923-1925=100.....	52	56	48	68	35	75	47	55	33	58	38	23	45
Iron and steel.....1923-1925=100.....	31	45	41	42	43	41	34	32	29	25	25	23	28
Leather and shoes.....1923-1925=100.....	94	81	77	82	85	89	92	89	86	82	77	83	92
Lumber.....1923-1925=100.....	26	33	27	27	27	27	28	29	28	27	25	24	24
Paper and printing.....1923-1925=100.....	100	97	97	101	110	99	97	92	89	84	83	86	86
Petroleum refining.....1923-1925=100.....	159	156	149	140	141	136	144	146	146	141	141	135	133
Rubber tires and tubes.....1923-1925=100.....	76	84	88	92	85	73	70	72	107	89	68	68	64
Shipbuilding.....1923-1925=100.....	96	134	86	24	164	194	115	75	80	54	22	22	22
Textiles.....1923-1925=100.....	99	93	89	88	89	86	83	65	59	63	69	90	* 104
Tobacco manufactures.....1923-1925=100.....	104	111	113	113	124	114	106	109	110	118	114	108	111
Minerals, adjusted.....1923-1925=100.....	74	82	81	84	77	78	84	79	67	63	64	65	70
Anthracite.....1923-1925=100.....	61	74	66	69	54	58	81	49	42	55	48	48	61
Bituminous coal.....1923-1925=100.....	67	71	67	64	58	63	70	55	49	45	46	50	* 58
Iron ore shipments.....1923-1925=100.....	13	41	12	12	12	2	2	3	8	8	8	8	8
Lead.....1923-1925=100.....	38	66	58	62	59	51	55	45	49	59	31	33	41
Petroleum, crude.....1923-1925=100.....	105	110	122	121	111	109	109	112	109	105	104	104	* 104
Silver.....1923-1925=100.....	36	41	38	43	35	31	30	45	36	45	40	41	* 36
Zinc.....1923-1925=100.....	33	47	45	45	45	46	45	41	39	37	34	31	30
INDUSTRIAL CONSUMPTION OF ELECTRICAL ENERGY													
Consumption by geographic sections:													
Total, United States.....1923-1925=100.....	84.4	97.1	98.8	89.1	93.9	98.8	88.0	84.0	82.0	78.1	79.2	* 73.5	* 84.0
Middle Atlantic.....1923-1925=100.....	85.0	103.3	99.6	89.2	89.6	95.4	84.2	80.5	78.5	68.5	70.0	* 68.4	* 83.8
New England.....1923-1925=100.....	89.6	87.5	86.4	84.2	87.2	93.0	83.7	73.1	71.0	66.2	67.7	* 80.5	* 80.5
North Central.....1923-1925=100.....	76.1	87.4	89.5	85.2	89.5	93.1	82.4	78.3	82.7	80.2	75.4	66.8	* 74.8
Southern.....1923-1925=100.....	103.8	113.2	119.3	100.0	108.1	106.7	95.2	93.9	90.3	83.7	* 85.3	87.9	108.5
Western.....1923-1925=100.....	96.2	102.2	111.0	98.3	106.0	103.7	97.0	96.2	94.3	91.5	* 88.7	89.4	96.0
Consumption by industries:													
Total, all industries.....1923-1925=100.....	84.4	97.1	98.8	89.1	93.9	98.8	88.0	84.0	82.0	78.1	79.2	* 73.5	* 84.0
Automobiles, including parts and accessories.....1923-1925=100.....	37.2	57.4	65.5	78.1	83.6	85.3	72.8	64.4	69.3	65.9	58.0	33.7	36.5
Chemicals and allied products.....1923-1925=100.....	127.4	142.0	138.9	118.2	134.3	137.1	125.1	125.0	129.9	123.8	124.9	* 116.6	126.8
Food products.....1923-1925=100.....	120.7	* 144.6	144.0	124.8	127.2	129.5	114.9	117.5	116.3	118.4	122.0	123.2	* 129.5
Leather and products.....1923-1925=100.....	91.5	81.8	75.2	79.2	67.6	90.6	86.7	73.9	74.7	65.7	73.7	82.2	93.7
Lumber and products.....1923-1925=100.....	87.5	* 87.2	76.4	67.0	81.9	86.8	78.2	76.1	77.8	70.0	69.2	* 69.8	* 80.6

* Revised.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement of the Survey	1932		1931				1932						
	October	October	November	December	January	February	March	April	May	June	July	August	September

BUSINESS INDEXES—Continued

INDUSTRIAL CONSUMPTION OF ELECTRICAL ENERGY—Continued														
Consumption by industries—Continued.														
Metals, group.....	1923-1925=100.	54.2	73.0	76.4	70.6	71.3	76.0	66.0	61.6	58.1	54.1	50.7	44.0	• 50.6
Electrical apparatus.....	1923-1925=100.	80.9	130.4	126.9	123.5	120.0	122.2	162.9	95.6	92.8	83.1	79.2	67.6	• 81.4
Metal-working plants.....	1923-1925=100.	51.7	71.0	76.0	70.9	72.7	74.8	64.8	59.7	55.8	53.0	50.2	45.6	• 51.8
Rolling mills and steel plants.....	1923-1925=100.	52.6	76.3	77.0	70.6	77.6	78.2	69.0	64.7	61.8	55.8	51.2	• 44.7	• 51.3
Paper and pulp.....	1923-1925=100.	111.3	113.0	126.1	167.0	169.3	116.1	114.4	105.5	102.7	95.8	94.5	• 94.7	• 107.0
Rubber and products.....	1923-1925=100.	82.9	82.8	93.5	79.2	104.0	112.0	96.8	88.3	95.5	120.7	95.6	76.4	• 87.7
Shoebuilding.....	1923-1925=100.	75.7	• 84.9	95.0	94.6	93.2	69.2	84.5	91.1	96.8	85.1	82.5	77.9	• 84.0
Stone, clay, and glass.....	1923-1925=100.	83.4	113.4	113.8	76.8	77.1	90.0	81.0	98.7	97.9	87.1	77.5	71.8	• 90.3
Textiles.....	1923-1925=100.	93.2	98.2	93.4	89.8	87.8	89.8	80.0	69.0	62.8	55.2	54.0	65.7	• 86.7
MARKETINGS														
Agricultural products.....	1923-1925=100.	167	267	153	97	89	75	69	55	54	46	53	79	125
Animal products.....	1923-1925=100.	85	97	98	97	62	87	88	90	111	165	94	96	89
Dairy products.....	1923-1925=100.	84	93	95	100	103	104	106	105	160	151	121	110	91
Fish.....	1923-1925=100.	136	141	117	80	89	114	180	148	153	139	152	186	• 179
Livestock.....	1923-1925=100.	87	104	96	60	89	79	73	75	77	69	65	76	80
Poultry and eggs.....	1923-1925=100.	79	117	137	78	78	92	109	116	97	97	78	74	74
Wool.....	1923-1925=100.	128	50	47	40	37	39	28	41	77	212	384	322	213
Crops.....	1923-1925=100.	175	219	159	96	89	74	67	52	48	59	49	77	129
Cotton.....	1923-1925=100.	271	367	277	160	133	80	77	50	30	19	10	45	171
Fruits.....	1923-1925=100.	168	191	97	63	68	75	60	62	92	61	76	158	118
Grains.....	1923-1925=100.	89	84	66	42	46	64	42	40	44	32	77	98	100
Vegetables.....	1923-1925=100.	100	132	79	71	82	86	111	99	94	132	80	45	76
Forest products.....	1923-1925=100.	55	63	57	51	50	51	53	56	59	53	55	55	52
Distilled wood.....	1923-1925=100.	28	31	31	34	30	42	42	41	37	31	13	12	17
Lumber.....	1923-1925=100.	53	69	53	46	46	47	45	51	53	52	53	54	• 49
Naval stores.....	1923-1925=100.	78	114	97	90	26	24	30	65	102	104	114	107	89
Pulpwood.....	1923-1925=100.	77	82	89	94	108	103	110	101	93	63	• 64	• 61	70
ORDERS														
Orders, new.....	1923-1925=100.	44	41	36	39	36	36	33	32	30	27	37	37	44
Iron and steel.....	1923-1925=100.	33	43	37	34	34	32	32	• 34	• 34	• 26	• 27	• 27	34
Lumber and products.....	1923-1925=100.	21	29	28	24	29	22	23	19	• 19	• 19	• 23	• 23	27
Paper.....	1923-1925=100.	91	81	69	85	86	85	78	73	68	68	• 76	• 76	83
Stone, clay, and glass.....	1923-1925=100.	44	42	36	35	36	37	35	35	35	39	36	34	34
Textiles.....	1923-1925=100.	102	98	85	92	92	93	80	81	80	62	111	101	181
Transportation equipment.....	1923-1925=100.	4	5	3	2	0	1	0	0	1	0	0	0	10
Orders, unfilled.....	1923-1925=100.	39	44	43	40	43	40	36	34	32	30	29	32	38
Iron and steel.....	1923-1925=100.	22	52	49	46	50	48	47	44	41	38	37	37	38
Furniture and flooring.....	1923-1925=100.	24	26	28	35	30	24	22	19	17	16	21	23	28
Paper.....	1923-1925=100.	63	65	37	45	44	36	34	32	31	24	24	• 37	54
Brick and glass.....	1923-1925=100.	27	25	23	29	27	28	28	27	24	24	24	23	22
Textiles.....	1923-1925=100.	34	33	31	37	39	33	33	29	27	32	45	45	45
Transportation equipment.....	1923-1925=100.	66	64	59	61	55	43	43	44	42	38	34	23	23
STOCKS														
Domestic stocks.....	1923-1925=100.	155	160	169	166	161	159	155	150	144	137	132	134	• 143
Manufactured goods.....	1923-1925=100.	98	104	105	108	108	109	110	108	108	104	102	102	• 100
Chemicals and allied prod.....	1923-1925=100.	120	125	129	124	128	135	134	134	131	118	120	116	• 121
Food products.....	1923-1925=100.	72	68	67	72	81	87	84	85	91	98	• 98	• 92	• 84
Forest products.....	1923-1925=100.	99	100	104	106	102	98	96	96	96	98	98	98	98
Iron and steel products.....	1923-1925=100.	88	125	123	128	168	101	99	97	101	103	• 51	87	91
Leather.....	1923-1925=100.	83	80	82	85	86	84	83	85	84	83	83	83	83
Metals, nonferrous.....	1923-1925=100.	189	202	201	200	200	197	197	200	201	202	205	199	163
Paper, newsprint.....	1923-1925=100.	125	122	124	125	124	126	148	136	135	126	128	128	127
Rubber products.....	1923-1925=100.	77	96	93	96	91	104	112	112	106	58	72	75	• 70
Stone, clay, and glass.....	1923-1925=100.	143	148	168	166	193	192	187	184	182	180	174	155	• 147
Textiles.....	1923-1925=100.	77	87	91	97	95	93	90	87	82	79	75	74	74
Raw materials.....	1923-1925=100.	107	201	214	209	139	195	188	180	170	161	153	157	• 174
Chemicals and allied prod.....	1923-1925=100.	122	121	134	125	116	107	102	97	93	91	88	96	• 112
Foodstuffs.....	1923-1925=100.	107	212	207	201	191	193	196	189	178	168	162	175	181
Metals.....	1923-1925=100.	116	164	167	155	147	142	134	129	131	123	128	125	122
Textile materials.....	1923-1925=100.	263	250	289	279	268	251	235	222	207	193	188	217	217
World stocks—foodstuffs and raw materials:														
Total.....	1923-1925=100.	260	265	264	268	264	276	273	286	286	277	273	267	267
Coffee—adj. for seasonal.....	1923-1925=100.	463	482	512	512	520	547	532	498	498	498	498	498	498
Cotton—adj. for seasonal.....	1923-1925=100.	221	216	227	222	207	229	218	250	251	264	268	244	244
Rubber—adj. for seasonal.....	1923-1925=100.	322	329	332	346	349	337	340	343	332	318	330	• 333	204
Silk—adj. for seasonal.....	1923-1925=100.	221	216	213	227	241	239	243	229	249	214	206	204	204
Sugar—adj. for seasonal.....	1923-1925=100.	318	315	309	303	305	307	322	330	341	327	314	311	311
Tea—adj. for seasonal.....	1923-1925=100.	122	126	130	124	120	121	103	121	119	128	150	136	136
Tin—unadjusted.....	1923-1925=100.	226	243	243	246	240	246	244	243	243	235	236	226	229
Wheat—adj. for seasonal.....	1923-1925=100.	207	210	220	226	218	238	231	250	240	204	189	198	198

COMMODITY PRICES

COST OF LIVING (N. I. C. B.)														
Total, all groups.....	1923=100.	76.1	85.6	84.9	83.9	83.1	81.4	80.1	79.6	78.8	77.9	77.0	76.8	76.6
Clothing.....	1923=100.	64.4	78.5	75.4	74.2	73.8	72.0	70.4	69.7	68.4	66.9	64.8	64.3	64.2
Food.....	1923=100.	68.7	81.7	81.5	79.9	78.2	74.8	72.1	71.9	71.0	69.3	69.1	69.0	68.7
Fuel and light.....	1923=100.	86.3	90.1	90.5	90.5	90.3	90.0	89.6	88.9	87.0	85.7	85.3	85.5	86.0
Housing.....	1923=100.	69.6	80.7	80.3	79.3	78.5	77.1	76.2	75.7	74.6	73.5	71.7	71.2	70.5
Sundries.....	1923=100.	91.4	95.4	94.6	94.3	94.2	93.9	93.8	93.2	93.0	93.3	92.8	92.8	92.6
FARM PRICES (Dept. of Agri.)														
Total, all groups.....	1909-1914=100.	56	68	71	66	63	60	59	56	52	57	59	59	59
Cotton and cottonseed.....	1909-1914=100.	51	42	50	45	45	47	50	42	37	41	51	51	57
Dairy and poultry products.....	1909-1914=100.	77	99	102	99	85	77	72	70	66	62	64	68	71
Fruits and vegetables.....	1909-1914=100.	59	70	68	68	70	68	73	78	80	82	83	79	68
Grains.....	1909-1914=100.	36	46	57	52	52	51	51	50	49	44	42	43	

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	October	October	November	December	January	February	March	April	May	June	July	August	September
COMMODITY PRICES—Continued													
RETAIL PRICES													
Department of Labor indexes:													
Coal..... 1913=100.....	172	189	189	189	189	189	183	170	166	166	166	168	171
Food..... 1913=100.....	100	119	117	114	109	105	105	104	101	100	101	101	100
Fairchild index:													
Combined index*..... Dec., 1930=100.....	73.3	86.2	84.8	83.5	81.3	80.1	79.2	78.2	76.8	75.1	74.0	73.6	73.6
Apparel—													
Infant's wear*..... Dec., 1930=100.....	77.2	90.9	90.6	88.7	86.6	86.6	85.5	84.1	83.0	79.5	78.4	78.5	77.9
Men's*..... 1930=100.....	74.5	88.8	87.6	86.1	83.3	81.7	80.9	80.2	79.4	77.2	75.8	74.7	74.6
Women's*..... Dec., 1930=100.....	75.4	87.9	87.0	84.9	82.9	80.9	79.9	78.7	77.5	76.2	75.0	74.9	75.4
Home furnishings*..... Dec., 1930=100.....	74.2	87.0	84.8	82.6	80.8	80.1	79.1	78.2	77.3	76.2	75.2	74.8	74.9
Piece goods*..... Dec., 1930=100.....	70.9	83.4	81.4	78.9	77.8	76.7	75.5	75.2	72.7	71.5	69.8	70.7	71.1
WHOLESALE PRICES													
Department of Labor index:													
Combined index (784)..... 1926=100.....	64.4	70.3	70.2	68.6	67.3	66.3	66.0	65.5	64.4	63.9	64.5	65.2	65.3
Economic classes—													
Finished products..... 1926=100.....	69.6	75.1	74.8	73.3	72.1	71.4	71.5	71.1	70.3	70.0	70.5	70.7	70.4
Raw materials..... 1926=100.....	54.6	61.5	62.0	60.2	58.3	56.9	56.1	55.5	53.9	53.2	54.7	55.7	56.2
Semimanufactures..... 1926=100.....	60.7	65.2	64.9	63.7	63.1	61.9	60.8	59.6	58.1	57.6	55.5	57.9	60.7
Farm products..... 1926=100.....	46.9	58.8	58.7	55.7	52.8	50.6	50.2	49.2	46.6	45.7	47.9	49.1	49.1
Grains..... 1926=100.....	34.4	44.3	51.3	47.0	46.7	46.1	43.5	44.5	42.6	37.7	36.7	38.2	37.4
Livestock and poultry..... 1926=100.....	45.0	57.6	55.7	51.7	53.4	50.3	51.4	49.2	44.4	46.7	54.1	52.8	51.2
Foods..... 1926=100.....	60.5	73.3	71.0	69.1	64.7	62.5	62.3	61.0	59.3	58.8	60.9	61.8	61.8
Dairy products..... 1926=100.....	60.5	86.1	80.7	79.8	67.8	64.1	64.2	61.6	59.6	57.4	58.2	60.2	60.6
Fruits and vegetables..... 1926=100.....	52.2	68.2	65.1	63.5	62.2	61.8	62.3	62.3	61.5	62.4	59.7	55.6	52.5
Meats..... 1926=100.....	56.4	71.1	67.7	63.2	61.9	59.5	61.4	59.8	56.5	56.0	62.0	61.9	60.9
Other products..... 1926=100.....	70.2	72.9	73.5	72.3	71.7	71.3	70.9	70.9	70.4	70.1	69.7	70.1	70.4
Building materials..... 1926=100.....	70.7	76.1	76.2	75.7	74.8	73.4	73.2	72.5	71.5	70.8	69.7	69.6	70.5
Brick and tile..... 1926=100.....	75.3	82.6	81.4	80.0	79.3	79.3	79.3	78.4	77.4	76.1	75.9	75.2	75.4
Cement..... 1926=100.....	79.0	75.1	74.6	74.6	75.2	75.3	75.0	75.0	75.0	77.1	77.3	79.0	79.0
Lumber..... 1926=100.....	56.6	65.2	65.9	65.8	65.6	62.9	61.5	60.0	59.5	57.6	56.9	55.5	61.3
Chemicals and drugs..... 1926=100.....	72.7	75.6	76.1	76.1	75.7	75.5	75.3	74.4	73.6	73.1	73.0	73.3	72.9
Chemicals..... 1926=100.....	79.8	79.7	80.6	80.8	80.6	80.8	80.9	79.7	79.1	78.6	78.9	79.7	79.8
Drugs and pharmaceuticals..... 1926=100.....	55.9	61.6	61.3	61.0	60.6	60.1	59.7	58.9	58.7	58.3	57.6	57.0	56.6
Fertilizer materials..... 1926=100.....	63.4	70.2	70.1	70.1	69.0	69.8	68.6	70.1	69.4	68.0	66.8	66.4	63.6
Fuel and lighting..... 1926=100.....	71.1	67.8	69.4	68.3	67.9	68.3	67.9	70.2	70.7	71.6	72.3	72.1	70.8
Electricity..... 1926=100.....	102.1	103.4	103.4	104.1	107.5	104.8	104.4	103.5	106.1	105.5	105.8	104.4	103.4
Gas..... 1923=100.....	100.8	100.1	98.2	98.6	98.6	98.0	97.5	99.1	103.0	106.3	108.3	107.0	107.6
Petroleum products..... 1926=100.....	47.4	39.2	42.5	39.6	38.8	38.6	39.8	45.5	47.2	48.2	40.7	48.9	46.7
Hides and leather..... 1926=100.....	72.8	82.5	81.6	79.8	79.3	78.3	77.3	75.0	72.5	70.8	68.6	69.7	72.2
Boots and shoes..... 1926=100.....	84.6	93.1	92.5	89.2	88.8	88.5	88.5	88.4	88.4	84.4	84.4	84.4	84.4
Hides and skins..... 1926=100.....	49.6	50.0	49.0	48.8	49.0	46.1	44.7	40.8	35.7	32.5	33.5	39.3	48.2
Leather..... 1926=100.....	64.1	80.7	78.8	78.6	77.5	76.5	74.4	67.2	60.6	58.7	60.0	60.0	63.2
House furnishing goods..... 1926=100.....	73.7	81.0	80.9	78.5	77.7	77.5	77.1	76.3	74.8	74.7	74.0	73.6	73.7
Furniture..... 1926=100.....	72.8	82.4	82.3	80.6	79.5	79.5	79.1	77.4	74.1	74.0	73.0	72.6	72.7
Furnishings..... 1926=100.....	74.7	79.8	79.7	76.6	76.1	75.9	75.4	75.4	75.5	75.4	75.1	74.8	74.7
Metals and metal products..... 1926=100.....	80.3	82.8	82.6	82.2	81.8	80.9	80.3	80.3	80.1	79.9	79.2	80.1	80.1
Iron and steel..... 1926=100.....	80.4	81.7	81.5	81.0	79.9	79.3	79.7	80.1	80.0	79.8	77.2	78.7	79.7
Metals, nonferrous..... 1926=100.....	50.7	54.9	54.7	53.8	55.4	52.7	50.5	49.3	48.3	47.5	47.0	48.5	51.6
Plumbing and heating equipment..... 1926=100.....	67.5	81.6	81.4	79.9	74.1	65.8	64.4	64.4	64.4	66.7	67.1	67.1	66.8
Textile products..... 1926=100.....	55.0	63.0	62.2	60.8	59.9	59.8	58.7	57.0	55.6	53.9	52.7	54.0	57.0
Clothing..... 1926=100.....	62.5	73.9	72.6	70.8	70.7	70.6	69.0	68.7	68.2	67.4	66.0	66.0	67.3
Cotton..... 1926=100.....	56.2	59.7	58.1	56.4	55.8	56.4	56.2	55.1	52.9	51.0	50.0	52.6	57.9
Knit goods..... 1926=100.....	50.9	59.2	59.0	58.5	55.8	55.8	54.9	51.9	50.5	49.6	47.8	48.5	50.4
Silk and rayon..... 1926=100.....	30.8	41.7	41.8	39.0	37.7	36.5	33.5	31.3	29.1	27.5	26.2	29.5	32.6
Woolens and worsteds..... 1926=100.....	56.5	64.6	64.2	63.9	63.3	63.1	62.6	59.7	58.3	55.0	53.6	53.4	56.7
Miscellaneous..... 1926=100.....	64.1	66.6	68.7	66.8	65.6	64.7	64.7	64.7	64.4	64.2	64.3	64.6	64.7
Auto tires and tubes..... 1926=100.....	44.6	46.0	46.0	40.8	39.7	39.5	39.2	39.2	39.2	39.6	40.1	40.1	42.7
Paper and pulp..... 1926=100.....	73.4	80.5	80.8	80.8	78.0	76.7	76.8	76.8	76.5	76.2	76.2	76.3	75.5
Other indexes:													
Bradstreet's (96)..... 1926=100.....	53.9	62.6	61.2	59.8	58.2	56.6	55.3	53.5	51.7	52.1	52.6	55.5	56.3
Dun's (300)..... 1926=100.....	71.4	74.4	74.4	74.6	74.4	73.8	72.6	72.4	68.3	66.4	68.3	71.1	72.4
World prices, foodstuffs and raw materials:													
Combined index*..... 1923-1925=100.....	30.1	32.0	32.1	29.6	30.0	29.2	28.4	27.1	25.9	24.8	26.6	30.5	32.6
Coffee*..... 1923-1925=100.....	62.8	38.6	39.5	42.5	45.5	45.0	44.5	47.9	51.4	50.4	51.4	59.8	73.2
Copper*..... 1923-1925=100.....	41.4	49.0	47.4	47.6	51.0	43.2	41.6	40.3	37.9	37.2	36.5	37.7	43.2
Cotton*..... 1923-1925=100.....	24.3	23.5	23.9	23.2	24.3	25.0	25.0	22.8	21.0	19.5	21.3	27.2	28.3
Rubber*..... 1923-1925=100.....	8.5	11.4	10.9	10.9	10.3	9.4	7.8	7.2	6.2	6.2	6.8	8.5	9.0
Silk*..... 1923-1925=100.....	23.4	31.7	32.3	27.5	27.3	26.4	22.6	19.9	17.2	16.7	17.2	23.0	25.2
Sugar*..... 1923-1925=100.....	28.2	35.2	33.7	28.2	28.1	23.5	19.1	15.7	14.7	18.7	25.9	28.4	28.4
Tea*..... 1923-1925=100.....	36.3	57.9	47.7	42.4	40.4	36.9	42.9	47.9	42.9	28.3	27.3	30.5	33.3
Tin*..... 1923-1925=100.....	47.6	45.3	45.4	42.5	43.4	43.3	43.5	38.3	41.7	39.1	41.6	45.7	49.3
Wheat*..... 1923-1925=100.....	35.0	37.5	40.7	36.2	35.0	38.1	40.1	40.7	38.8	35.0	34.3	36.2	37.5
Wholesale prices, actual. (See under respective commodities.)													

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION CONTRACTS AWARDED													
Contracts awarded, F. R. B.:													
Total, unadjusted..... 1923-1925=100.....	27	52	43	30	25	23	26	31	31	32	31	32	30
Residential..... 1923-1925=100.....	11	29	26	20	16	15	16	16	14	12	12	11	12
Total, adjusted..... 1923-1925=100.....	29	55	49	38	31	27	26	27	26	27	27	30	30
Residential..... 1923-1925=100.....	12	30	27	23	19	17	15	14	12	11	11	12	12
F. W. Dodge Corporation (37 States):													
Total, all types—													
Projects..... number.....	6,484	8,701	7,014	5,951	4,659	5,208	6,646	7,653	7,513	7,151	7,008	7,185	7,152
Floor space..... thous. of sq. ft.....	11,054	30,700	20,519	17,210	12,601	12,299	16,924	13,887	15,742	12,296	14,899	13,864	13,514
Valuation..... thous. of dolls.....	107,474	242,094	151,196	136,852	84,798	89,046	112,235	121,705	146,221	113,075	128,769	133,988	127,527
Nonresidential buildings:													
Projects..... number.....	1,793	2,145	1,765	1,467	1,481	1,796	2,032	2,179	2,140	2,093	2,064	2,180	1,921
Floor space..... thous. of sq. ft.....	4,932	15,313	9,290	8,176	5,379	6,052	8,205	6,501	9,172	6,395	8,678	8,114	6,721
Valuation..... thous. of dolls.....	27,117	99,092	58,496	50,381	33,238	36,348	49,172	45,515	58,946	39,813	48,982	49,071	35,997

* New Series. For earlier data see p. 19 (Fairchild index), and p. 20 of September, 1932, issue (prices).

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1931				1932								
	October	November	December	January	February	March	April	May	June	July	August	September	

CONSTRUCTION AND REAL ESTATE—Continued

CONSTRUCTION CONTRACTS AWARDED—Continued														
F. W. Dodge Corporation (37 States)—Con.														
Public works and utilities:														
Projects.....	number.....	1,378	1,288	992	977	539	595	839	1,458	1,589	1,724	1,876	1,685	1,745
Floor space.....	thous. of sq. ft.....	138	171	271	280	300	176	197	211	182	106	265	205	243
Valuation.....	thous. of dolls.....	58,501	82,402	47,410	50,307	24,056	28,281	29,854	47,295	61,718	50,146	60,046	64,150	68,725
Residential buildings:														
Projects.....	number.....	3,313	5,268	4,257	3,507	2,639	2,817	3,775	4,016	3,784	3,334	3,068	3,320	3,486
Floor space.....	thous. of sq. ft.....	5,984	15,217	10,958	8,753	6,922	6,071	8,523	7,174	6,662	5,794	5,456	5,545	6,550
Valuation.....	thous. of dolls.....	21,856	60,540	45,290	36,164	27,504	24,417	33,209	28,895	25,557	23,116	19,741	20,767	22,804
Engineering Construction:														
Total contracts awarded (E. N. R.).....	thous. of dolls.....	100,812	225,173	138,758	125,131	90,869	76,645	86,119	95,605	105,087	114,806	120,458	81,634	114,487
HIGHWAY CONSTRUCTION														
Concrete pavement contract awards:														
Total.....	thous. of sq. yds.....	6,712	4,009	4,361	5,364	2,524	3,255	6,005	11,088	10,360	11,068	7,236	12,275	12,653
Roads only.....	thous. of sq. yds.....	5,667	2,482	3,559	4,215	2,252	3,084	5,457	10,366	9,242	10,038	6,230	11,137	10,690
Federal-aid highways:														
Approved for construction—														
Estimated total cost.....	thous. of dolls.....	56,058	29,174	29,422	35,473	44,401	47,423	55,562	73,994	69,732	60,697	49,676	56,154	58,319
Federal-aid allotment.....	thous. of dolls.....	17,378	11,539	11,966	15,134	19,226	20,620	25,235	33,057	31,845	28,014	22,516	19,285	18,394
Mileage, total.....	number.....	3,570	1,445	1,392	1,910	2,398	2,671	3,185	3,986	4,200	4,076	3,538	3,821	3,691
Initial.....	number.....	2,498	1,032	986	1,248	1,682	1,929	2,200	2,443	2,336	2,111	1,647	2,025	2,339
Stage (added improvement).....	number.....	1,072	413	406	663	716	742	985	1,543	1,864	1,965	1,891	1,795	1,359
Under construction—														
Estimated total costs.....	thous. of dolls.....	255,315	292,869	257,529	216,850	203,386	200,621	198,941	199,726	219,647	234,043	240,857	242,175	260,943
Federal-aid allotment.....	thous. of dolls.....	107,152	131,690	115,428	98,080	93,716	93,245	93,018	93,997	103,026	109,230	112,630	112,686	115,528
Mileage, total.....	number.....	13,224	11,899	10,196	8,672	8,378	8,323	8,440	8,739	9,734	10,512	11,237	11,518	13,268
Initial.....	number.....	8,966	9,028	7,928	6,818	6,559	6,587	6,716	6,941	7,617	7,885	8,304	8,260	9,116
Stage (added improvement).....	number.....	4,258	2,872	2,268	1,854	1,819	1,736	1,724	1,798	2,117	2,627	2,934	3,258	4,152
Mileage completed to date.....	number.....	102,361	95,960	97,993	90,777	100,263	100,523	100,698	100,917	100,898	101,032	101,191	101,505	101,124
Balance of Federal-aid funds for new construction.....	thous. of dolls.....	33,593	125,577	121,495	113,879	106,845	102,411	94,453	82,020	71,383	61,720	56,836	51,425	42,075
CONSTRUCTION COSTS														
Building costs (Amer. Appraisal Co.):														
Brick, steel frame.....	1913=100.....	147	161	160	159	158	155	154	153	152	150	149	148	148
Brick, wood frame.....	1913=100.....	152	172	170	169	166	164	164	162	159	157	156	154	154
Frame.....	1913=100.....	141	157	156	154	153	151	150	148	147	145	144	143	142
Reinforced concrete.....	1913=100.....	149	162	161	160	158	156	155	154	153	152	151	151	150
Building costs—all types (A. G. C.).....	1913=100.....	163	192	192	190	190	189	183	178	166	164	163	162	163
Building costs—all types (E. N. R.).....	1913=100.....	159.2	169.8	169.3	166.2	162.5	161.8	157.2	153.1	152.8	152.2	153.4	156.8	158.0
Building costs—electric light and power construction (Kitchey).....	1913=100.....	136	144	143	142	141	139	136	132	132	131	132	133	136
Building costs—factory (Aberthaw).....	1914=100.....				172						167			166
Building material costs:														
Brick house, 6-room.....	1913=100.....	154	162	163	161	161	163	162	160	157	157	154	155	155
Frame house, 6-room.....	1913=100.....	148	156	158	156	156	157	155	154	152	150	148	148	149
MISCELLANEOUS DATA														
Construction—employment and wages:														
Employment, Ohio. (See Employment.)														
Wages, road building. (See Employment.)														
Fire losses, United States.....	thous. of dolls.....	30,734	35,502	35,288	40,514	39,225	39,825	49,189	43,822	39,271	34,339	32,982	31,426	30,972
Ship construction. (See Trans. Equipment.)														
Real estate:														
Market activity.....	each month 1926=100.....		63.2	59.0	64.5	57.8	58.8	54.9	54.6	54.6	55.2			
New financing. (See Finance.)														

DOMESTIC TRADE

ADVERTISING														
Radio broadcasting:														
Cost of facilities, total.....	thous. of dolls.....	3,036	3,253	3,505	3,599	3,984	3,891	4,301	4,004	3,632	* 2,997	* 2,417	* 2,286	* 2,493
Automotive.....	thous. of dolls.....	58	95	172	163	232	231	234	261	230	175	137	127	78
Building materials.....	thous. of dolls.....	0	37	31	36	13	0	3	3	0	0	0	0	0
Clothing and dry goods.....	thous. of dolls.....	19	49	53	51	18	20	76	88	77	26	2	0	23
Confectionery.....	thous. of dolls.....	134	128	173	142	160	151	169	176	169	58	54	67	139
Drugs and toilet goods.....	thous. of dolls.....	556	650	687	702	881	888	1,018	855	783	* 701	* 571	* 522	* 474
Financial.....	thous. of dolls.....	92	136	128	136	142	130	128	104	110	96	88	84	90
Foods.....	thous. of dolls.....	909	790	806	873	973	1,001	1,178	1,116	1,030	1,025	808	684	780
House furnishings.....	thous. of dolls.....	16	59	75	83	32	59	62	42	20	4	5	3	13
Machinery.....	thous. of dolls.....	35	53	72	68	73	70	71	62	65	43	32	33	23
Paints and hardware.....	thous. of dolls.....	18	72	60	64	53	41	82	87	77	36	8	2	10
Petroleum products.....	thous. of dolls.....	211	107	115	127	139	133	153	168	199	183	182	198	182
Radios.....	thous. of dolls.....	0	49	50	62	40	8	31	31	8	7	0	0	0
Shoes and leather goods.....	thous. of dolls.....	15	141	144	94	82	69	67	45	30	21	17	15	12
Soaps and housekeepers' supplies.....	thous. of dolls.....	79	122	122	126	89	99	100	102	111	91	81	92	80
Sporting goods.....	thous. of dolls.....	0	13	16	13	11	0	0	4	17	17	22	17	9
Stationery and publishers.....	thous. of dolls.....	52	130	120	138	110	93	86	82	79	46	22	20	68
Tobacco manufactures.....	thous. of dolls.....	358	513	578	611	828	801	732	692	543	414	378	335	366
Miscellaneous.....	thous. of dolls.....	485	109	104	102	110	97	109	87	85	54	9	* 37	147
Magazine advertising:														
Cost, total.....	thous. of dolls.....	8,293	14,234	14,007	11,073	7,641	11,622	12,253	12,970	12,958	10,888	8,195	6,807	6,836
Automotive.....	thous. of dolls.....	567	1,469	1,311	942	678	1,781	1,382	1,554	1,748	1,128	789	668	512
Building materials.....	thous. of dolls.....	202	631	564	266	155	249	370	411	368	222	127	129	133
Clothing and dry goods.....	thous. of dolls.....	222	444	399	283	182	232	284	349	303	253	224	90	185
Confectionery.....	thous. of dolls.....	163	334	342	309	222	128	197	231	297	355	274	276	149
Drugs and toilet goods.....	thous. of dolls.....	1,805	2,665	2,729	2,238	1,424	2,628	3,055	2,890	2,615	2,372	1,914	1,731	1,761
Financial.....	thous. of dolls.....	200	237	251	198	203	210	206	215	196	217	176	146	149

* Revised.

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DOMESTIC TRADE—Continued													
ADVERTISING—Continued													
Magazine advertising—Continued.													
Foods.....thous. of dolls..	1,760	2,634	2,685	2,020	1,326	2,326	2,332	2,237	2,050	1,862	1,465	1,403	1,284
Garden.....thous. of dolls..	19	42	32	45	78	132	145	133	95	68	32	16	10
House furnishings.....thous. of dolls..	532	1,231	984	708	388	693	934	1,187	1,198	884	424	223	320
Jewelry and silverware.....thous. of dolls..	116	246	378	381	167	37	87	90	167	139	70	47	41
Machinery.....thous. of dolls..	20	91	72	56	38	53	65	54	48	27	17	28	18
Office equipment.....thous. of dolls..	66	167	124	139	97	105	120	104	97	72	49	25	40
Paints and hardware.....thous. of dolls..	38	123	116	29	14	51	81	124	132	88	53	3	34
Petroleum products.....thous. of dolls..	291	374	404	322	255	239	256	279	373	463	375	375	305
Radios.....thous. of dolls..	165	313	308	235	186	198	165	138	82	82	114	99	131
Schools.....thous. of dolls..	142	232	217	186	215	262	185	181	184	205	202	219	191
Shoes and leather goods.....thous. of dolls..	151	149	186	132	57	31	65	158	161	170	59	21	71
Soaps and housekeepers' supplies.....thous. of dolls..	639	889	806	470	350	667	728	898	973	845	578	451	533
Sporting goods.....thous. of dolls..	51	117	118	168	176	73	111	188	312	286	189	125	70
Stationery and books.....thous. of dolls..	237	434	410	509	271	193	228	207	195	171	122	66	104
Tobacco manufactures.....thous. of dolls..	446	619	676	593	513	665	560	535	563	362	418	320	393
Travel and amusement.....thous. of dolls..	164	231	334	416	317	342	329	462	463	309	228	133	139
Miscellaneous.....thous. of dolls..	298	560	562	427	331	327	367	342	339	307	297	212	262
Lineage, total.....thous. of lines..	1,246	1,911	1,882	1,626	1,138	1,469	1,677	1,777	1,776	1,523	1,103	928	987
Newspaper advertising:													
Lineage, total (22 cities).....thous. of lines..	70,753	* 87,990	81,891	77,005	67,762	63,557	72,043	70,573	69,479	65,405	50,449	49,577	62,324
Lineage, total (52 cities).....thous. of lines..	103,323	130,895	122,135	117,009	100,032	97,570	109,808	108,686	106,004	100,157	80,871	78,839	93,003
Classified.....thous. of lines..	19,171	22,746	20,568	19,473	18,384	17,724	19,565	20,056	20,173	20,047	17,207	17,563	18,359
Display.....thous. of lines..	84,153	108,150	101,267	97,536	81,648	79,847	90,243	88,631	85,831	80,109	63,665	61,275	74,644
Automotive.....thous. of lines..	3,052	4,957	4,487	4,233	7,001	4,858	5,352	7,222	6,700	7,940	5,574	4,754	3,684
Financial.....thous. of lines..	1,975	2,919	2,469	2,645	3,294	1,202	2,158	1,934	1,709	1,706	2,226	1,621	1,645
General.....thous. of lines..	18,891	23,676	21,979	13,985	16,841	20,142	21,720	18,725	19,059	18,428	13,653	13,034	15,606
Retail.....thous. of lines..	60,235	76,597	72,332	76,673	54,512	52,824	61,012	60,749	58,363	52,035	42,212	41,866	53,708
COLLECTIONS													
Delinquent accounts, electrical trade:													
Amount.....dollars..	48,104	95,414	73,165	95,161	82,819	93,376	93,619	71,703	76,793	64,134	56,082	60,096	49,868
Firms.....number..	680	987	877	996	938	911	1,215	961	864	882	838	902	738
FINANCIAL INDICATORS													
Bank debits. (See Finance.)													
Business failures. (See Finance.)													
Commercial loans. (See Finance.)													
Money in circulation. (See Finance.)													
GOODS IN WAREHOUSES													
Space occupied, public merchandising warehouses.....per cent of total..	61.8	65.3	66.6	66.7	65.9	63.8	64.3	64.0	63.5	62.7	62.6	62.7	* 62.0
NEW INCORPORATIONS													
Business incorporations (4 States).....number..		2,846	2,774	3,012	3,311	2,930	3,202	3,072	2,863	3,107	2,534	2,909	2,661
POSTAL BUSINESS													
Air mail, weight dispatched.....pounds..		836,603	720,301	827,530	669,077	634,284	718,989	676,084	687,906	694,930	545,060	568,887	555,661
Money orders:													
Domestic, issued (50 cities)—													
Number.....thousands..	3,219	3,749	3,600	4,125	3,691	3,656	3,906	3,581	3,421	3,369	3,066	3,061	2,971
Value.....thous. of dolls..	31,056	37,801	35,458	39,329	35,494	34,142	35,128	33,673	32,021	32,056	30,454	30,286	29,378
Domestic, paid (50 cities)—													
Number.....thousands..	9,430	10,521	9,751	11,509	9,705	9,271	10,167	9,379	8,927	9,369	8,187	8,306	8,441
Value.....thous. of dolls..	79,092	86,759	81,518	91,567	78,149	73,463	79,878	74,612	70,720	73,903	70,157	72,506	74,483
Foreign, issued—value.....thous. of dolls..		4,027	3,971	8,140	3,500	3,115	3,958	3,314	2,871	3,066	2,934	2,692	2,962
Receipts, postal:													
50 selected cities.....thous. of dolls..	26,711	28,618	25,355	34,966	25,312	24,061	26,677	24,272	22,621	22,006	23,789	23,851	25,770
50 industrial cities.....thous. of dolls..	3,030	3,150	2,809	4,068	2,911	2,832	2,985	2,698	2,513	2,452	2,959	2,900	2,835
RETAIL TRADE													
Chain-store sales:													
Combined index (20 companies)*													
.....avg. same mo. 1929-1931=100..	80				91	87	85	88	87	84	83	80	83
Apparel (4 companies)*					88	87	77	89	83	78	72	71	74
.....avg. same mo. 1929-1931=100..	78				87	83	86	86	87	84	83	81	82
Grocery (6 companies)*					87	83	86	86	87	84	83	81	82
.....avg. same mo. 1929-1931=100..	80				87	83	86	86	87	84	83	81	82
Five-and-ten (variety) stores:													
Total, 8 chains, unadjusted.....1923-1925=100..	142	169	148	279	115	121	138	134	133	127	118	118	123
Total, 8 chains, adjusted.....1923-1925=100..	133	152	147	144	155	156	146	141	138	138	135	127	135
F. and W. Grand—													
Sales.....thous. of dolls..	1,306	2,134	1,740	3,158	1,324	1,505	1,604	1,349	1,505	1,428	1,143	1,137	1,171
Stores operated.....number..	73	121	123	123	114	115	92	92	88	81	76	75	72
S. S. Kresge Co.—													
Sales.....thous. of dolls..	10,506	12,498	11,230	22,173	8,845	9,080	10,383	10,337	10,059	10,041	9,042	8,805	9,430
Stores operated.....number..	722	705	710	713	713	712	714	714	715	718	718	719	722
S. H. Kress & Co.—													
Sales.....thous. of dolls..	5,151	5,706	5,587	11,221	4,274	4,698	5,290	4,911	5,126	4,877	4,492	4,862	4,914
Stores operated.....number..	229	222	221	221	222	225	226	226	227	227	227	227	227
McCrory Stores Corp.—													
Sales.....thous. of dolls..	3,475	3,881	3,469	6,882	2,919	3,067	3,584	3,354	3,155	3,025	2,681	2,627	2,825
Stores operated.....number..	241	244	244	244	244	244	244	244	241	241	241	241	241
McLellan Stores—													
Sales.....thous. of dolls..	1,856	1,940	1,769	3,747	1,277	1,345	1,537	1,658	1,483	1,487	1,545	1,449	1,492
Stores operated.....number..	275	278	279	278	277	277	276	276	275	275	275	275	274
G. C. Murphy Co.—													
Sales.....thous. of dolls..	1,620	1,715	1,578	2,961	1,111	1,221	1,430	1,488	1,543	1,491	1,394	1,361	1,419
Stores operated.....number..	175	172	172	172	171	171	171	173	173	173	173	173	174

* New Series. For footnote see p. 19.

* Revised.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931				1932						
	October	October	November	December	January	February	March	April	May	June	July	August	September

DOMESTIC TRADE—Continued

RETAIL TRADE—Continued													
Chain-store sales—Continued.													
Five-and-ten (variety) stores—Continued.													
Isaac Silver & Bros.—													
Sales.....thous. of dolls..	596	832	610	1,145	471	591	625	602	603	570	533	534	601
Stores operated.....number..	39	45	45	45	44	45	40	40	40	40	40	40	40
F. W. Woolworth Co.—													
Sales.....thous. of dolls..	22,473	*26,151	22,005	39,713	17,991	18,793	21,255	20,755	20,529	18,921	18,146	18,244	19,463
Stores operated.....number..	1,930	1,906	1,906	1,906	1,902	1,906	1,908	1,910	1,913	1,915	1,919	1,920	1,925
Grocery chains—													
A. & P. Tea Co.—													
Sales, value, total.....thous. of dolls..	66,530	95,498	74,703	91,311	68,967	69,861	88,912	72,369	72,433	86,063	64,239	79,317	63,625
Weekly average.....thous. of dolls..	16,633	19,100	18,676	18,262	17,242	17,465	17,782	18,092	18,108	17,213	16,060	15,863	15,906
Sales, tonnage, total.....tons..	415,659	524,743	418,762	516,171	395,428	412,767	520,198	422,714	437,687	531,088	397,468	490,487	391,804
Weekly average.....tons..	103,915	104,949	104,691	103,234	98,857	103,192	104,040	105,678	109,422	106,218	99,367	98,097	97,951
Restaurant chains:													
Total sales, 3 chains—													
Sales.....thous. of dolls..	4,892	4,419	4,737	4,261	4,009	4,206	3,922	3,736	3,456	3,269	3,314	3,317	-----
Stores operated.....number..	378	378	383	382	384	385	385	383	383	384	384	382	-----
Childs Co.—													
Sales.....thous. of dolls..	1,350	2,208	1,980	2,163	1,924	1,787	1,813	1,618	1,426	1,274	1,203	1,268	1,311
Stores operated.....number..	106	107	106	108	108	108	108	108	107	107	107	107	107
J. R. Thompson Co.—													
Sales.....thous. of dolls..	1,325	1,187	1,233	1,114	1,041	1,128	1,064	1,053	1,019	1,002	1,001	1,001	-----
Stores operated.....number..	115	116	116	115	115	115	116	116	115	116	117	115	-----
Waldorf System (Inc.)—													
Sales.....thous. of dolls..	1,106	1,359	1,252	1,341	1,223	1,181	1,265	1,240	1,257	1,163	1,064	1,045	1,116
Stores operated.....number..	160	156	156	159	159	161	161	161	161	160	160	160	159
Other chains:													
W. T. Grant and Co.—													
Sales.....thous. of dolls..	6,958	7,423	6,485	12,111	4,495	4,839	5,567	5,997	6,096	5,829	5,087	5,055	5,662
Stores operated.....number..	442	400	400	402	404	406	411	412	417	424	429	434	438
J. C. Penney Co.—													
Sales.....thous. of dolls..	16,752	*17,965	16,493	21,269	9,288	9,586	11,412	14,325	12,648	12,025	11,455	10,752	13,053
Stores operated.....number..	1,477	1,458	1,468	1,459	1,460	1,460	1,463	1,464	1,466	1,467	1,468	1,472	1,474
Department-store sales and stocks:													
Sales, total value, adjusted.....1923-1925=100..	71	86	83	81	78	78	72	80	73	71	67	66	70
Sales, total value, unadjusted.....1923-1925=100..	77	93	95	142	64	64	70	76	73	67	47	50	73
Atlanta.....1923-1925=100..	75	97	80	127	56	61	68	67	65	56	44	53	65
Boston.....1923-1925=100..	81	103	93	144	69	58	72	74	73	70	46	48	75
Chicago.....1923-1925=100..	69	91	82	136	63	62	68	74	70	66	45	50	69
Cleveland.....1923-1925=100..	61	82	73	123	53	55	63	69	64	58	40	44	55
Dallas.....1923-1925=100..	77	91	84	127	52	58	67	74	63	54	38	47	72
Kansas City.....1923-1925=100..	70	88	82	126	55	58	68	68	63	56	42	50	73
Minneapolis.....1923-1925=100..	63	78	68	112	48	73	73	72	58	57	40	60	72
New York.....1923-1925=100..	97	123	112	174	74	70	82	86	78	81	50	56	80
Philadelphia*.....1923-1925=100..	74	89	80	128	56	55	66	66	63	60	39	42	53
Richmond.....1923-1925=100..	93	118	102	176	66	68	86	82	85	80	51	55	77
St. Louis.....1923-1925=100..	69	88	84	124	56	60	66	69	62	57	39	47	71
San Francisco.....1923-1925=100..	80	103	93	151	74	70	84	74	70	67	59	75	73
Installation sales, New England dept. stores, ratio to total sales.....per cent..	9.9	11.0	9.1	4.6	8.0	8.3	7.2	6.4	7.3	5.6	5.2	9.6	9.3
Stocks, value, end of month—													
Unadjusted.....1923-1925=100..	67	88	89	73	67	69	72	72	70	66	60	59	63
Adjusted.....1923-1925=100..	61	80	79	78	75	73	70	70	68	66	64	61	61
Mail-order and store sales:													
Total sales, 2 companies.....thous. of dolls..	45,423	52,280	45,898	58,821	31,975	32,581	33,959	39,745	38,718	39,889	32,073	33,777	39,156
Montgomery Ward & Co.....thous. of dolls..	19,805	22,034	18,403	21,899	12,028	11,963	14,054	16,169	14,172	14,840	11,804	12,988	14,638
Sears, Roebuck & Co.....thous. of dolls..	25,618	30,246	27,495	36,922	19,947	20,618	19,905	23,576	24,546	25,049	20,269	20,789	24,518

EMPLOYMENT CONDITIONS AND WAGES

EMPLOYMENT													
Factory, unadjusted (F.R.B.).....1923-1925=100..	62.0	71.4	68.7	67.9	66.3	67.3	66.3	64.0	61.3	59.1	57.2	58.6	61.5
Cement, clay, and glass.....1923-1925=100..	44.9	59.0	56.3	53.3	47.7	48.4	48.9	48.8	47.0	45.0	43.4	42.1	43.4
Cement.....1923-1925=100..	44.3	58.8	54.4	50.7	45.7	44.7	44.5	44.8	42.7	42.8	41.9	39.2	43.3
Clay products.....1923-1925=100..	39.4	54.4	52.8	48.5	42.6	42.4	42.5	43.1	42.6	39.6	38.7	38.0	38.5
Glass.....1923-1925=100..	56.0	68.1	64.2	64.3	59.1	62.3	63.8	62.1	57.9	56.9	53.6	51.8	53.4
Chemicals and products.....1923-1925=100..	75.1	85.7	83.5	82.0	81.7	81.1	81.1	82.4	78.3	74.2	72.3	72.2	74.0
Chemicals and drugs.....1923-1925=100..	79.4	92.1	89.7	86.9	85.9	84.6	84.1	81.9	80.6	78.0	75.6	75.7	76.9
Petroleum refining.....1923-1925=100..	74.6	83.0	81.4	81.3	81.2	80.2	78.7	78.6	78.2	78.1	77.4	75.8	76.6
Food products.....1923-1925=100..	85.0	89.2	88.0	87.9	84.2	82.9	81.4	80.6	81.0	80.9	79.3	80.7	83.8
Iron and steel.....1923-1925=100..	53.3	66.3	65.0	64.4	62.8	63.0	61.8	59.8	57.2	54.8	51.4	50.4	51.7
Leather and products.....1923-1925=100..	79.0	79.2	69.6	73.2	75.7	80.0	81.2	78.8	72.7	70.5	71.6	76.1	78.0
Boots and shoes.....1923-1925=100..	81.7	80.8	69.6	74.4	77.5	82.4	84.3	81.3	74.4	72.7	74.2	79.4	81.1
Leather.....1923-1925=100..	67.9	72.4	69.6	67.9	68.3	69.6	68.6	68.3	65.4	61.6	61.3	62.6	65.0
Lumber and products.....1923-1925=100..	39.0	50.1	48.4	45.2	42.4	42.0	40.3	39.6	38.6	37.8	36.3	36.4	37.7
Machinery.....1923-1925=100..	45.8	65.2	63.8	63.8	61.2	61.4	60.0	57.0	54.4	51.3	48.4	46.4	45.9
Metals, nonferrous.....1923-1925=100..	47.1	60.8	60.8	60.3	56.8	57.2	56.1	53.9	51.4	48.6	45.4	45.8	46.6
Paper and printing.....1923-1925=100..	82.3	91.4	91.0	90.8	89.0	87.3	86.4	85.3	83.8	82.0	80.5	79.3	80.9
Rubber products.....1923-1925=100..	60.5	70.2	70.7	69.8	69.1	68.6	67.4	66.6	66.0	67.0	65.0	63.6	60.2
Auto tires and tubes.....1923-1925=100..	62.9	69.9	69.4	69.3	69.7	70.3	69.4	69.3	69.1	70.3	69.4	66.3	63.3
Boots and shoes.....1923-1925=100..	53.3	71.2	74.2	71.5	67.2	63.4	61.2	58.7	56.9	57.1	51.9	55.2	50.7
Textiles and products.....1923-1925=100..	75.7	77.4	74.3	72.9	71.6	74.4	73.5	67.9	62.0	57.2	53.9	62.3	71.9
Fabrics.....1923-1925=100..	76.2	75.6	74.9	78.6	73.4	76.0	73.2	67.3	62.3	58.2	56.4	63.8	72.6
Wearing apparel.....1923-1925=100..	74.4	82.2	72.8	68.5	66.9	70.4	74.3	69.4	61.3	54.7	47.5	58.4	70.3
Tobacco manufactures.....1923-1925=100..	71.9	79.9	79.3	71.7	69.0	71.9	70.4	68.4	67.3	69.0	68.4	63.3	69.9
Transportation equipment.....1923-1925=100..	41.3	51.5	50.6	54.4	53.9	55.4	54.7	53.0	52.4	50.8	49.2	45.1	43.1
Automobiles.....1923-1925=100..	37.3	50.5	49.9	60.2	63.4	65.7	63.7	58.9	59.7	59.6	57.9	50.8	44.3
Car building and repairing.....1923-1925=100..	42.1	49.0	47.4	46.9	43.9	44.8	45.3	45.5	44.2	41.6	40.7	38.9	40.1
Shipbuilding.....1923-1925=100..	63.4	84.1	87.3	87.9	84.3	84.2	83.0	85.2	81.4	78.5	71.4	66.9	64.5
Factory, adjusted (F.R.B.).....1923-1925=100..	61.1	70.3	69.3	69.4	68.1	67.8	66.4	64.3	62.1	60.0	58.3	58.8	60.3
Cement, clay, and glass.....1923-1925=100..	43.8	57.6	55.9	55.0	51.6	51.4	50.1	48.4	45.8	43.4	43.1	40.5	41.9
Cement.....1923-1925=100..	42.6	56.5	53.7	52.6	50.2	49.3	47.6	45.6	41.9	40.9	39.8	36.4	41.1
Clay products.....1923-1925=100..	38.8	53.5	52.8	50.1	46.3	45.7	44.1	42.7	41.1	38.0	37.6	36.4	37.3
Glass.....1923-1925=100..	54.4	66.2	63.2	66.0	63.0	64.1	63.4	61.3	57.1	55.5	55.9	51.1	51.6

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	October	October	November	December	January	February	March	April	May	June	July	August

EMPLOYMENT CONDITIONS AND WAGES—Continued

EMPLOYMENT—Continued													
Factory, adjusted (F. R. B.)—Continued.													
Chemicals and products.....1923-1925=100...	74.9	85.4	83.1	81.9	81.9	80.2	78.6	78.5	79.	76.4	74.7	74.0	73.7
Chemicals and drugs.....1923-1925=100...	78.6	91.2	88.0	85.4	85.3	82.9	83.0	81.2	81.9	79.6	78.2	77.6	77.0
Petroleum refining.....1923-1925=100...	74.7	83.2	82.2	82.3	82.8	81.2	79.5	78.6	78.4	77.4	75.7	74.4	75.2
Food products.....1923-1925=100...	81.3	85.5	85.9	86.3	85.3	83.7	83.1	83.6	83.2	81.1	79.4	81.0	81.8
Iron and steel.....1923-1925=100...	53.2	66.2	65.3	65.4	64.0	62.4	60.9	59.0	56.5	54.8	52.1	50.6	51.3
Leather and manufactures.....1923-1925=100...	76.1	76.4	70.1	75.3	75.4	78.1	80.2	80.2	75.8	74.3	71.9	74.0	74.9
Boots and shoes.....1923-1925=100...	78.1	77.3	70.3	77.2	77.4	80.7	83.4	83.0	77.9	76.9	74.1	76.7	77.3
Leather.....1923-1925=100...	67.9	72.4	69.1	67.6	67.1	67.5	67.0	68.8	67.0	63.4	62.4	62.9	65.0
Lumber and products.....1923-1925=100...	37.6	48.4	47.4	45.4	43.9	43.3	41.2	40.2	39.0	37.9	35.1	36.2	36.6
Machinery.....1923-1925=100...	46.1	65.6	64.6	64.5	61.8	61.2	59.2	56.4	54.1	51.0	48.3	46.4	46.0
Metals, nonferrous.....1923-1925=100...	47.8	61.7	61.4	61.1	57.4	56.0	54.3	52.7	50.8	48.7	46.0	46.4	47.2
Paper and printing.....1923-1925=100...	82.0	91.0	89.7	89.2	88.3	87.2	86.2	85.7	84.3	82.8	81.4	80.4	81.1
Rubber products.....1923-1925=100...	60.7	70.3	73.3	71.3	69.7	68.1	67.0	66.1	65.8	67.0	64.6	62.7	58.6
Auto tires and tubes.....1923-1925=100...	64.0	71.0	74.2	72.9	71.2	70.0	68.5	68.1	67.7	68.9	68.1	64.4	61.6
Boots and shoes.....1923-1925=100...	51.0	68.1	70.3	66.8	65.2	62.5	62.4	60.2	59.9	61.1	54.3	57.2	49.4
Textiles and products.....1923-1925=100...	74.3	76.0	73.6	72.2	71.1	72.4	71.0	66.7	62.4	58.5	56.9	64.8	72.2
Fabrics.....1923-1925=100...	75.5	74.9	73.7	73.4	72.9	74.4	71.9	66.8	62.4	58.7	56.6	66.1	73.6
Wearing apparel.....1923-1925=100...	71.2	78.7	73.4	69.2	66.6	67.4	68.9	66.4	62.5	58.1	52.9	61.5	68.6
Tobacco manufactures.....1923-1925=100...	68.3	75.8	74.8	70.4	74.3	72.8	70.8	70.1	68.4	69.4	70.2	68.3	67.9
Transportation equipment.....1923-1925=100...	41.4	51.7	53.4	58.0	55.6	55.1	53.4	51.1	50.2	50.0	49.3	44.8	42.8
Automobiles.....1923-1925=100...	37.3	50.5	56.1	68.8	67.1	64.7	60.9	55.1	54.7	58.0	58.1	49.8	43.0
Car building and repairing.....1923-1925=100...	41.9	48.8	47.6	47.0	44.4	45.4	45.5	45.2	43.9	41.3	40.4	38.6	40.0
Shipbuilding.....1923-1925=100...	67.6	89.7	90.8	87.9	81.9	79.8	78.1	80.3	79.4	77.6	73.0	70.7	69.2
Factory, by cities and States:													
Cities—													
Baltimore *.....1929-1931=100...	67.1	83.7	80.0	78.9	76.2	76.4	76.6	76.6	72.5	69.0	65.3	65.4	66.6
Cleveland.....1921=100...	65.2	76.0	77.1	77.0	75.8	75.1	72.0	70.2	69.7	68.6	66.0	66.7	65.1
Detroit.....1923-1925=100...	42.0	41.7	52.7	64.0	69.0	68.6	65.4	67.5	69.6	72.2	63.4	29.2	37.4
Milwaukee *.....1925-1927=100...		66.6	69.4	69.2	66.6	67.5	65.9	63.6	59.3	57.4	53.5	53.7	55.4
New York.....1925-1927=100...	61.6	71.0	67.7	66.1	63.1	64.1	64.6	61.8	57.2	54.3	51.0	55.3	59.6
Philadelphia.....1923-1925=100...	69.9	78.8	78.2	77.6	74.1	72.9	71.4	66.9	66.7	65.5	61.8	62.5	66.0
States—													
Delaware.....1923-1925=100...	70.9	74.5	74.9	76.0	79.3	78.5	75.9	74.8	72.6	71.5	69.8	68.1	72.1
Illinois.....1925-1927=100...	54.4	65.7	62.3	63.6	61.6	62.0	61.3	58.8	57.2	56.6	52.3	53.5	54.5
Iowa.....1923=100...	95.1	105.0	102.2	102.9	96.8	96.4	92.6	91.2	92.8	91.7	91.2	91.5	94.0
Massachusetts *.....1925-1927=100...	62.1	67.1	64.0	62.9	62.5	65.5	64.3	58.6	54.5	51.7	48.4	54.4	59.7
Maryland *.....1929-1931=100...	71.0	84.8	81.2	80.5	77.1	77.4	77.7	76.9	72.5	68.1	66.0	66.5	68.9
New Jersey.....1923-1925=100...	60.1	72.4	71.0	68.1	66.1	67.1	65.4	63.5	62.4	61.5	58.9	57.5	59.8
New York.....1925-1927=100...	59.5	71.3	68.8	67.7	65.0	65.0	64.6	62.2	57.6	55.6	52.4	54.4	57.8
Ohio.....1926=100...	61.4	74.3	71.0	70.5	69.5	70.1	68.5	66.4	65.1	64.3	62.4	59.3	60.3
Pennsylvania.....1923-1925=100...	62.4	71.1	71.0	69.4	68.9	67.5	64.7	61.4	59.7	57.1	58.5	60.6	60.6
Wisconsin.....1925-1927=100...		70.7	68.2	66.9	65.1	67.6	68.1	66.2	63.9	62.4	62.4	60.2	61.1
Nonmanufacturing (Dept. of Labor):													
Mining—													
Anthracite.....1929=100...	63.9	86.8	83.5	79.8	76.2	71.2	73.7	70.1	66.9	53.0	44.5	49.2	55.8
Bituminous coal.....1929=100...	67.0	81.3	81.1	81.2	80.8	77.4	75.2	65.5	62.6	60.5	58.6	59.4	62.4
Metalliferous.....1929=100...	30.5	53.8	52.8	51.2	49.3	46.9	45.0	43.3	38.3	32.2	29.5	28.6	29.3
Petroleum, crude production.....1929=100...	56.8	60.4	57.6	58.2	54.9	54.4	51.4	54.9	54.5	54.2	55.4	57.4	56.2
Quarrying and nonmetallic.....1929=100...	52.4	64.5	59.3	53.9	48.9	47.4	46.0	48.6	50.6	49.5	49.5	51.1	52.4
Public utilities—													
Electric railroads.....1929=100...	72.3	82.7	81.5	79.9	79.5	78.9	77.6	78.0	76.9	76.5	75.6	74.1	73.5
Power, light, and water.....1929=100...	79.9	92.7	91.3	90.3	89.3	87.2	85.5	84.8	84.0	83.2	82.3	81.5	81.0
Telephone and telegraph.....1929=100...	76.2	84.1	83.5	83.1	83.0	82.0	81.7	81.2	80.6	79.9	79.1	78.1	77.4
Trade—													
Retail.....1929=100...	81.3	89.8	90.9	106.2	84.3	80.5	81.4	81.6	80.9	79.4	74.6	72.6	77.8
Wholesale.....1929=100...	77.8	85.2	84.1	83.7	81.8	80.9	79.8	78.9	77.9	77.0	76.6	76.4	77.1
Miscellaneous—													
Canning and preserving.....1929=100...	81.1	108.1	60.8	40.7	35.0	37.1	36.3	47.0	40.5	55.5	73.0	99.0	125.3
Hotels.....1929=100...	75.4	87.4	84.9	83.1	83.2	84.3	84.0	82.7	80.1	78.0	78.4	77.6	77.0
Miscellaneous data:													
Construction employment, Ohio.....1926=100...	35.7	54.2	45.4	37.5	31.9	28.4	26.7	31.0	33.3	36.3	37.8	37.9	* 40.8
Farm employees, hired, average per farm.....number	.89	1.19	1.04	.81	.74	.71	.77	.83	.93	.96	1.09	1.01	1.09
Federal civilian employees—													
United States *.....number	608,488	618,795	614,262	606,368	609,283	609,467	600,488	611,138	612,833	613,941	608,703	611,010	610,948
Washington.....number	66,974	70,056	69,894	69,435	69,710	69,260	69,069	69,454	69,375	68,793	67,552	67,259	67,070
Railroad employees, Class I.....thousands	1,225	1,169	1,134	1,109	1,093	1,093	1,097	1,087	1,082	1,047	1,022	996	1,010
Trade union members employed—													
All trades.....per cent of total...	69	74	73	70	69	69	70	69	69	68	66	67	68
Building trades *.....per cent of total...	35	47	46	41	38	37	37	35	39	38	36	36	35
Metal trades *.....per cent of total...	54	69	68	65	66	63	63	61	61	58	55	55	54
Printing trades *.....per cent of total...	80	86	85	85	83	82	83	82	82	82	79	78	80
All other trades *.....per cent of total...	82	84	82	80	79	81	82	82	80	79	77	78	80
On full time, all trades.....per cent of total...	47	55	54	51	49	49	48	48	47	47	45	44	46
LABOR CONDITIONS													
Factory operations, proportion of full time													
worked, total.....per cent...	86	88	87	87	86	87	86	85	84	83	82	83	85
Chemicals and products.....per cent...	91	93	94	93	92	92	93	94	93	92	92	90	91
Food products.....per cent...	95	96	96	95	94	94	94	94	94	94	94	94	95
Leather and products.....per cent...	86	83	79	82	86	89	89	85	79	79	80	84	87
Lumber and products.....per cent...	79	82	80	78	79	83	77	76	76	75	71	74	78
Metal products—													
Iron and steel.....per cent...	73	74	73	73	71	75	73	72	71	70	67	67	68
Other.....per cent...	80	83	80	80	82	82	80	78	76	75	73	73	78
Paper and printing.....per cent...	87	92	91	91	89	89	89	88	87	86	84	83	86
Stone, clay, and glass.....per cent...	80	88	86	85	80	81	80	81	83	81	80	79	79
Textile products.....per cent...	94	91	91	91	91	92	91	87	85	84	84	88	93
Tobacco products.....per cent...	79	84	85	87	81	81	80	78	79	80	80	79	78
Transportation equipment.....per cent...	81	88	88	88	86	85	81	79	82	81	79	78	78
Automobiles.....per cent...	73	76	81	84	81	81	74	71	75	76	70	70	69
Hours of work per week in factories: †													
Actual, avg. per wage earner.....hours	36.4	38.2	37.7	38.7	36.1	37.5	36.2	34.4	33.9	32.7	32.1	32.2	34.9
Nominal or full-time week.....hours	(f)	48.0	47.9	47.8	47.9	47.9	48.0	47.6	(f)	(f)	(f)	(f)	(f)

† See p. 20 of the October 1932 issue for earlier data.

* New series. For earlier data see p 13

† Revised.

† Discontinued for present

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931			1932							
	October	October	November	December	January	February	March	April	May	June	July	August

EMPLOYMENT CONDITIONS AND WAGES—Continued

LABOR CONDITIONS—Continued													
Labor disputes:													
Disputes.....number.....	45	39	21	37	30	28	34	43	38	^a 37	^a 34	41	
Man-days lost.....number.....	1,052,095	355,818	150,064	117,298	417,966	685,949	572,121	1,220,202	927,996	^a 700,935	^a 747,920	555,341	
Workers involved.....number.....	29,380	13,690	1,318	4,648	28,691	11,660	20,066	49,232	23,540	^a 32,597	^a 29,205	9,707	
Labor turnover (quarterly):†													
Accessions.....per cent of no. on pay roll.....			9.68			9.65			7.80			12.55	
Separations—													
Discharged.....per cent of no. on pay roll.....			.54			.58			.49			.45	
Laid-off.....per cent of no. on pay roll.....			10.65			8.18			12.92			10.78	
Voluntary quits													
.....per cent of no. on pay roll.....			2.37			2.28			2.15			2.10	
Unemployment:													
Applicants at employment agencies													
.....no. per 100 jobs.....	^a 257	^a 248	^a 231	^a 256	^a 221	^a 233	^a 243	^a 251	^a 260	^a 264	^a 270	^a 212	
Central States.....no. per 100 jobs.....	^a 272	258	217	258	214	218	250	243	241	223	233	184	
Eastern States.....no. per 100 jobs.....	231	232	273	316	259	266	269	285	324	342	316	268	
Southern States.....no. per 100 jobs.....	264	257	189	182	193	226	188	211	210	263	253	194	
Placements.....thousands.....	98	84	121	122	127	139	117	102	99	79	89	118	
PAY ROLLS													
Factory, unadjusted (<i>F. R. B.</i>) 1923-1925=100.....	43.5	59.4	56.2	55.8	52.4	53.6	52.3	48.7	46.2	42.6	39.6	40.1	42.1
Cement, clay, and glass.....1923-1925=100.....	26.4	43.9	40.9	37.4	31.1	32.9	32.2	31.7	30.2	27.3	24.4	23.9	24.6
Cement.....1923-1925=100.....	27.0	48.5	43.7	37.4	31.4	30.5	29.9	30.0	28.5	27.5	25.9	25.1	26.3
Clay products.....1923-1925=100.....	20.0	35.9	34.2	30.3	24.1	24.3	23.9	23.6	22.4	19.0	17.8	17.6	18.4
Glass.....1923-1925=100.....	38.7	57.0	52.8	51.7	44.9	51.0	50.0	49.2	46.2	43.2	36.9	35.9	35.8
Chemicals and products.....1923-1925=100.....	60.7	80.8	76.4	75.0	71.4	71.0	70.1	68.5	66.9	63.2	60.0	60.0	59.8
Chemicals and drugs.....1923-1925=100.....	61.9	84.4	78.8	76.2	71.4	71.1	70.7	67.2	65.6	61.1	57.8	58.1	58.4
Petroleum refining.....1923-1925=100.....	63.3	80.8	77.9	77.8	75.9	75.1	72.9	71.2	72.5	72.1	68.9	68.2	66.3
Food products.....1923-1925=100.....	70.9	85.9	83.2	82.7	78.6	76.3	74.4	72.8	72.9	71.4	68.3	67.9	70.8
Iron and steel.....1923-1925=100.....	26.2	43.9	41.2	41.0	36.3	37.2	35.4	32.1	30.4	26.0	22.2	22.1	23.4
Leather and products.....1923-1925=100.....	55.0	56.4	47.0	50.3	53.3	61.4	62.3	55.7	45.7	45.0	46.2	51.7	54.5
Boots and shoes.....1923-1925=100.....	54.6	53.7	43.1	47.9	52.5	61.9	63.4	55.7	44.4	44.3	46.1	52.4	55.2
Leather.....1923-1925=100.....	56.3	66.6	61.1	58.8	56.3	59.8	58.6	55.7	50.3	47.4	46.6	49.0	52.3
Lumber and products.....1923-1925=100.....	22.4	38.2	34.4	31.2	26.6	25.9	24.5	23.2	22.2	20.9	19.0	19.3	20.9
Machinery.....1923-1925=100.....	27.7	50.2	48.3	48.9	44.5	45.0	42.6	39.1	35.9	32.3	28.8	27.1	27.0
Metals, nonferrous.....1923-1925=100.....	32.2	49.9	48.8	48.6	44.9	45.0	42.1	38.3	34.5	32.0	29.4	28.9	30.3
Paper and printing.....1923-1925=100.....	71.7	91.4	90.6	91.0	85.5	83.5	82.4	79.7	77.0	72.9	69.1	67.4	70.0
Rubber products.....1923-1925=100.....	38.9	53.7	50.1	52.0	53.0	54.2	51.3	48.3	48.7	55.1	45.9	41.5	36.4
Auto tires and tubes.....1923-1925=100.....	38.1	51.9	48.0	50.3	54.3	56.7	52.6	50.1	50.4	59.4	49.7	43.0	35.6
Boots and shoes.....1923-1925=100.....	42.4	60.9	58.7	56.7	48.3	44.2	46.4	41.0	41.6	37.9	30.8	35.7	39.9
Textiles and products.....1923-1925=100.....	55.6	66.0	59.3	58.1	55.5	59.8	59.3	49.4	41.5	35.8	32.5	42.3	53.1
Fabrics.....1923-1925=100.....	55.2	62.9	60.0	60.0	57.1	60.3	55.8	46.9	40.3	37.0	34.4	42.1	51.7
Wearing apparel.....1923-1925=100.....	56.3	72.2	57.8	54.4	52.4	58.8	66.4	54.6	44.0	33.0	28.6	42.6	56.0
Tobacco manufactures.....1923-1925=100.....	52.6	64.6	64.5	58.9	53.0	53.4	52.2	49.3	48.4	52.2	51.4	49.4	51.0
Transportation equipment.....1923-1925=100.....	29.1	45.3	45.2	47.1	44.3	45.6	45.1	43.9	45.9	40.7	37.3	31.6	27.3
Automobiles.....1923-1925=100.....	23.3	41.4	42.3	48.0	47.7	52.0	51.3	47.1	53.5	47.1	43.4	32.7	22.2
Car building and repairing.....1923-1925=100.....	31.4	44.7	43.9	42.6	38.0	37.0	37.2	37.4	32.9	29.6	28.6	28.9	28.9
Shipbuilding.....1923-1925=100.....	53.4	83.5	81.4	84.8	81.2	79.2	75.1	81.8	71.0	67.4	64.9	53.6	52.4
Factory, by cities:													
Baltimore*.....1929-1931=100.....	48.7	71.3	65.4	65.5	60.8	60.0	59.8	58.4	53.4	50.5	46.2	45.9	47.2
Milwaukee*.....1925-1927=100.....	48.6	50.4	50.0	50.0	44.8	53.2	45.6	40.7	36.4	32.7	27.6	30.1	32.2
Philadelphia*.....1923-1925=100.....	54.3	70.8	67.1	68.9	63.9	61.6	58.9	52.0	50.1	49.0	44.4	45.1	51.1
Factory, by States:													
Delaware.....1923-1925=100.....	48.0	61.0	54.7	56.4	57.8	59.5	57.2	52.8	49.4	48.0	45.9	44.7	47.9
Illinois.....1925-1927=100.....	32.5	47.7	43.2	45.1	43.6	42.3	40.0	37.5	35.4	34.5	29.3	31.4	32.2
Maryland*.....1929-1931=100.....	51.2	72.3	66.3	67.0	61.9	62.2	61.3	59.8	54.9	51.9	47.8	47.7	49.1
Massachusetts*.....1925-1927=100.....	45.6	55.6	52.5	51.5	50.4	53.5	52.2	45.5	40.5	37.7	34.5	39.2	44.4
New Jersey.....1923-1925=100.....	49.8	68.9	65.8	62.7	60.5	60.5	58.0	54.6	53.2	51.7	47.9	46.0	49.2
New York.....1925-1927=100.....	46.4	62.3	59.4	57.8	54.6	53.9	53.8	50.1	44.9	42.6	39.4	41.2	44.9
Pennsylvania.....1923-1925=100.....	38.7	54.5	51.1	52.3	49.4	49.1	46.3	41.5	37.3	35.7	32.1	33.6	36.0
Wisconsin.....1925-1927=100.....	52.8	50.0	48.8	44.1	48.1	48.5	44.6	41.3	38.0	34.2	35.3	37.0	37.0
Nonmanufacturing (<i>Department of Labor</i>):													
Mining—													
Anthracite.....1929=100.....	66.7	91.1	79.5	78.4	61.5	57.3	61.2	72.0	58.0	37.4	34.5	41.4	47.0
Bituminous coal.....1929=100.....	37.8	56.2	54.6	52.3	47.0	46.8	47.0	33.9	30.7	27.3	24.4	26.4	30.2
Metalliferous.....1929=100.....	18.0	37.4	35.1	34.3	29.7	27.8	26.5	25.0	23.8	20.1	16.9	16.5	17.0
Petroleum, crude production.....1929=100.....	42.5	54.4	52.0	54.9	46.5	46.9	43.2	44.5	47.1	41.8	44.6	42.9	41.9
Quarrying and nonmetallic.....1929=100.....	30.7	48.7	43.3	36.9	30.2	29.6	28.7	30.0	32.3	30.0	29.1	29.7	30.5
Public utilities—													
Electric railroads.....1929=100.....	60.5	79.0	79.7	77.8	74.3	73.6	72.4	70.7	71.2	69.2	65.3	62.8	61.5
Power, light, and water.....1929=100.....	74.4	93.2	93.3	91.2	88.4	86.0	85.4	82.4	84.2	80.5	78.7	76.7	74.7
Telephone and telegraph.....1929=100.....	75.7	91.6	89.7	92.7	89.1	89.6	88.2	83.4	82.8	82.1	79.6	79.1	75.9
Trade—													
Retail.....1929=100.....	67.1	84.6	85.4	94.1	78.0	73.7	73.4	72.7	71.1	68.2	63.3	60.7	64.6
Wholesale.....1929=100.....	63.9	79.9	79.7	77.8	74.1	72.5	71.3	68.9	69.7	66.2	64.7	63.2	63.1
Miscellaneous—													
Canning and preserving.....1929=100.....	51.8	77.6	48.1	36.9	31.8	32.7	31.9	37.9	36.0	40.5	47.5	65.6	75.1
Hotels.....1929=100.....	58.6	79.7	77.1	75.4	73.9	73.9	72.4	69.6	67.0	63.8	61.8	59.6	59.1
WAGES—EARNINGS AND RATES													
Factory, weekly earnings (25 industries):†													
All wage earners.....dollars.....	16.82	21.21	20.29	20.74	18.99	19.51	18.60	17.58	17.17	16.24	15.43	15.35	16.23
Male—													
Skilled and semiskilled.....dollars.....	19.25	23.10	22.20	22.56	21.84	22.37	21.19	19.97	19.63	18.37	17.59	17.49	18.58
Unskilled.....dollars.....	14.35	18.05	17.07	17.00	16.28	16.67	15.75	14.84	14.64	13.80	13.16	13.13	13.94
Female.....dollars.....	12.22	13.85	13.37	13.63	12.79	13.32	12.75	11.64	11.03	10.70	10.42	10.66	11.70
All wage earners.....1923=100.....	63.2	79.7	76.2	77.9	71.4	73.3	69.9	66.1	64.5	61.0	58.0	57.7	61.0
Male—													
Skilled and semiskilled.....1923=100.....	62.5	75.0	72.1	73.2	70.9	72.6	68.8	64.8	63.7	59.6	57.1	56.8	60.3
Unskilled.....1923=100.....	64.4	81.0	76.6	76.3	73.1	74.8	70.7	66.6	65.7	61.9	59.1	58.9	62.6
Female.....1923=100.....	70.9	80.3	77.6	79.1	74.2	77.3	74.0	67.5	64.0	62.1	60.4	61.8	67.9
Factory, av. hourly earnings (25 industries):													
All wage earners*.....dollars.....	.475	.560	.542	.538	.530	.526	.521	.517	.510	.500	.489	.487	.479
Male—													
Skilled and semiskilled*.....dollars.....	.538	.625	.610	.606	.601	.592	.586	.574	.570	.558	.553	.546	.541
Unskilled*.....dollars.....	.381	.452	.440	.435	.431	.426	.420	.415	.409	.399	.392	.392	.387

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932				1931				1932				
	October	October	November	December	January	February	March	April	May	June	July	August	September

EMPLOYMENT CONDITIONS AND WAGES—Continued

WAGES—EARNINGS AND RATES— Continued													
Factory, weekly earnings, by States:													
Delaware.....1923-1925=100..	74.4	90.0	80.2	81.7	80.2	83.2	82.9	77.6	74.8	74.7	72.2	72.0	72.9
Illinois.....1925-1927=100..	64.4	78.1	74.4	76.2	76.4	73.2	70.8	68.3	66.4	64.6	60.5	61.7	63.2
Massachusetts*.....1925-1927=100..	73.2	82.9	82.0	81.8	80.6	81.7	81.2	77.7	74.3	73.0	71.2	72.1	74.3
New Jersey.....1923-1925=100..	86.8	99.4	97.0	96.3	95.8	94.5	92.7	90.0	89.6	88.2	85.2	83.8	86.1
New York.....1925-1927=100..	77.9	87.5	86.3	85.4	84.1	82.9	83.3	80.7	78.0	76.6	75.3	75.8	77.7
Pennsylvania.....1923-1925=100..	62.5	76.3	72.9	74.4	72.5	71.8	69.4	64.8	61.1	60.2	56.6	58.0	59.9
Wisconsin.....1925-1927=100..		71.7	70.8	71.2	66.0	69.1	68.7	64.5	61.3	57.6	51.7	55.0	55.6
Miscellaneous data:													
Farm wages, without board (quarterly).....dolls. per month.....				30.53			29.13			27.10			26.36
Railroads, wages per hour.....dollars.....		.664	.684	.675	.678	.624	.607	.607	.605	.601	.607	.599	
Road-building wages, common labor†—													
United States.....dolls. per hour.....	.32	.35	.34	.33	.32	.33	.34	.33	.32	.33	.32	.32	.32
East North Central.....dolls. per hour.....	.37	.37	.38	.40	.40	.40	.40	.37	.36	.36	.35	.36	.36
East South Central.....dolls. per hour.....	.19	.19	.18	.18	.19	.17	.16	.19	.19	.19	.19	.19	.19
Middle Atlantic.....dolls. per hour.....	.35	.37	.37	.38	.37	.40	.38	.40	.36	.35	.34	.34	.34
Mountain States.....dolls. per hour.....	.44	.46	.46	.47	.45	.44	.45	.44	.44	.44	.44	.43	.44
New England.....dolls. per hour.....	.34	.42	.43	.43	.41	.43	.44	.39	.34	.34	.34	.33	.34
Pacific States.....dolls. per hour.....	.48	.51	.51	.51	.50	.49	.47	.48	.47	.47	.46	.47	.47
South Atlantic.....dolls. per hour.....	.19	.21	.21	.21	.18	.21	.19	.20	.20	.20	.18	.18	.19
West North Central.....dolls. per hour.....	.32	.35	.36	.36	.38	.42	.37	.33	.28	.31	.31	.31	.34
West South Central.....dolls. per hour.....	.27	.24	.23	.23	.24	.25	.27	.24	.25	.25	.26	.26	.26
Steel industry—													
U. S. Steel Corporation.....dolls. per hour.....	.38	.45	.45	.45	.45	.45	.45	.45	.38	.38	.38	.38	.38
Youngstown district.....p. ct. base scale.....	106.5	107.5	107.5	107.5	107.5	107.5	104.5	104.5	104.5	106.5	106.5	106.5	106.5

FINANCE

BANKING													
Acceptances and commercial paper outstanding:													
Bankers acceptances, total.....mills. of dolls..	699	1,040	1,002	974	961	919	911	879	787	747	705	681	683
Held by Federal reserve banks—													
For own account.....mills. of dolls..	3	647	418	305	119	76	36	16	4	36	12	3	2
For foreign correspondents.....mills. of dolls..	39	99	126	251	314	312	335	292	183	98	59	49	43
Held by group of accepting banks, total.....mills. of dolls..	605	220	296	262	332	343	377	455	510	518	563	574	573
Own bills.....mills. of dolls..	199	112	125	131	159	175	155	188	225	200	197	198	159
Purchased bills.....mills. of dolls..	406	118	171	131	174	168	222	268	318	318	366	376	414
Held by others.....mills. of dolls..	52	63	162	156	195	189	162	115	90	96	70	55	64
Commercial paper outstanding.....mills. of dolls..	113	210	174	118	108	103	106	108	111	103	100	108	110
Agricultural loans outstanding:													
Credit banks, intermediate.....mills. of dolls..	98	124	124	120	118	114	112	113	116	116	117	117	102
Land banks, Federal.....mills. of dolls..	1,125	1,171	1,167	1,163	1,158	1,154	1,150	1,146	1,143	1,139	1,135	1,132	1,129
Land banks, joint stock.....mills. of dolls..	420	540	535	530	525	520	513	507	490	470	464	460	454
Bank debits, total.....mills. of dolls..	25,298	38,803	29,069	36,345	33,569	27,251	29,889	29,924	25,411	27,103	25,239	25,215	25,931
New York City.....mills. of dolls..	12,944	20,678	14,464	19,233	17,676	14,381	16,160	15,558	12,913	14,202	12,728	13,458	14,163
Outside New York City.....mills. of dolls..	12,354	18,125	14,605	17,112	15,893	12,870	13,729	14,366	12,498	12,901	12,511	11,756	11,767
Brokers' loans:													
Reported by New York Stock Exchange.....mills. of dolls..	325	796	730	587	512	524	533	379	300	244	242	332	380
Ratio to market value.....per cent..	1.39	2.33	2.35	2.20	1.94	1.90	2.18	1.87	1.86	1.56	1.18	1.19	1.42
By reporting New York member banks.....mills. of dolls..	362	869	720	591	505	495	525	495	409	342	332	345	425
Federal reserve banks:													
Acceptance holdings. (See Acceptances.)													
Assets, total.....mills. of dolls..	5,905	5,666	5,580	5,672	5,523	5,374	5,399	5,560	5,566	5,615	5,764	5,815	5,848
Reserve bank credit outstanding.....mills. of dolls..	2,227	2,184	1,931	1,853	1,856	1,709	1,597	1,850	2,096	2,310	2,439	2,331	2,233
Bills bought.....mills. of dolls..	34	681	452	339	153	109	68	48	36	67	43	34	33
Bills discounted.....mills. of dolls..	323	723	718	638	899	823	639	556	490	440	538	433	372
United States securities.....mills. of dolls..	1,851	727	717	817	746	740	872	1,228	1,549	1,784	1,841	1,852	1,854
Reserves, total.....mills. of dolls..	3,195	2,903	3,080	3,158	3,169	3,140	3,235	3,123	2,987	2,777	2,836	2,980	3,091
Gold reserves.....mills. of dolls..	3,003	2,746	2,918	2,989	2,976	2,938	3,020	3,004	2,790	2,578	2,635	2,773	2,893
Liabilities, total.....mills. of dolls..	5,905	5,666	5,580	5,672	5,523	5,374	5,369	5,560	5,566	5,615	5,764	5,815	5,848
Deposits, total.....mills. of dolls..	2,446	2,380	2,252	2,125	2,093	1,937	2,012	2,225	2,240	2,028	2,158	2,241	2,312
Member bank reserves.....mills. of dolls..	2,383	2,167	2,051	1,961	1,947	1,849	1,924	2,124	2,113	1,982	2,052	2,146	2,225
Notes in circulation.....mills. of dolls..	2,709	2,429	2,430	2,624	2,665	2,651	2,563	2,566	2,572	2,795	2,859	2,814	2,750
Reserve ratio.....per cent..	62.0	60.4	65.1	66.5	66.6	68.4	70.7	67.1	62.1	57.6	56.5	58.9	61.1
Federal Reserve member banks:													
Deposits—													
Net demand.....mills. of dolls..	11,461	12,449	12,199	11,877	11,166	11,003	10,941	11,144	11,102	10,925	10,751	10,982	11,229
Time.....mills. of dolls..	5,709	6,358	6,142	5,898	5,751	5,700	5,680	5,685	5,664	5,542	5,612	5,633	5,640
Investments.....mills. of dolls..	8,585	7,700	7,506	7,428	7,149	6,935	7,143	7,151	7,385	7,491	7,700	7,743	8,201
Loans, total.....mills. of dolls..	10,441	13,521	13,350	13,104	12,830	12,588	12,211	11,882	11,631	11,263	10,996	10,796	10,706
On securities.....mills. of dolls..	4,311	5,897	5,807	5,777	5,574	5,440	5,328	5,099	4,907	4,745	4,631	4,512	4,521
All other loans.....mills. of dolls..	6,130	7,624	7,543	7,327	7,256	7,148	6,883	6,783	6,724	6,518	6,365	6,284	6,185
Interest rates and yield on securities:													
Acceptances, bankers, prime.....per cent..	1/4-3/4	1/4-3/4	2/8-3/4	3	2/4-3	2/4-2/8	2/8-3/4	2/8-3/4	2/8-3/4	2/8-3/4	2/8-3/4	2/8-3/4	2/8-3/4
Bond yields. (See Bonds.)													
Call loans, renewal.....per cent..	1.35	2.10	2.50	2.70	2.65	2.50	2.50	2.50	2.50	2.50	2.08	2.00	2.00
Com'l paper, prime (4-6 mos.).....per cent..	1 3/4-2 1/4	2-4 1/4	3 3/4-4 1/4	3 3/4-4	3 3/4-4	3 3/4-4	3 3/4-4	3 3/4-3 3/4	2 3/4-3 1/4	2 1/2-3	2 1/4-2 3/4	2-2 1/4	2-2 1/4
Discount rate, N. Y. F. R. Bank.....per cent..	2.50	3.50	3.50	3.50	3.50	3.00	3.00	3.00	3.00	2.50	2.50	2.50	2.50
Federal land bank loans.....per cent..	5.58	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.59	5.58	5.58
Intermediate credit bank loans.....per cent..	3.38	4.06	4.50	5.06	5.34	5.43	5.44	5.27	4.79	4.10	3.58	3.44	3.39
Real estate bonds, long term.....per cent..	0	5.00	5.71	5.43	5.50	0	5.50	5.50	0	5.50	0	0	5.25
Stock yields. (See Stocks.)													
Time loans, 90 days.....per cent..	1/2-1 1/4	2 1/2-4	3-4	3-4	3 1/2-4	3 1/2-3 3/4	2 3/4-3 1/2	2-3	1 1/2-2	1 1/2	1 1/4-1 1/2	1 1/4-1 1/2	1 1/4-1 1/2
Savings deposits:													
New York State.....mills. of dolls..	5,271	5,217	5,213	5,255	5,240	5,242	5,293	5,262	5,243	5,282	5,253	5,243	5,282

† Beginning with March, 1932, method of computing rates was changed.
* Rate changed May 3, Oct. 9, Oct. 16, 1931, Feb. 28, and June 23, 1932.

• Revised.
* New series. For earlier data see p. 18.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1931				1932							
	October	November	December	January	February	March	April	May	June	July	August	September

FINANCE—Continued

BANKING—Continued													
Savings deposit—Continued.													
U. S. Postal Savings—													
Balance to credit of depositors	868,048	536,660	564,809	605,112	665,587	691,794	705,336	722,121	742,645	783,740	826,027	844,854	854,767
Balance on deposit in banks	787,850	449,933	479,035	510,763	569,522	615,508	623,245	635,921	646,699	681,727	742,634	767,312	770,496
FAILURES													
Bank suspensions:													
Total	97	522	175	358	342	121	48	74	82	151	132	85	67
Deposit liabilities	21,899	471,380	67,939	277,051	219,071	57,237	15,448	31,613	34,365	132,580	48,564	30,291	13,515
Commercial failures:													
Total	2,273	2,362	2,195	2,758	3,458	2,732	2,951	2,816	2,788	2,688	2,596	2,796	2,182
Agents and brokers	150	143	131	154	175	128	201	169	129	164	184	177	141
Manufacturers, total	542	614	519	591	688	602	642	641	672	614	622	649	513
Chemicals, drugs, and paints	14	11	12	14	22	19	17	23	14	11	16	19	15
Foodstuffs and tobacco	52	64	55	52	58	53	53	65	51	54	58	55	55
Leather and manufactures	19	18	11	20	25	20	19	21	25	22	17	28	20
Lumber	70	54	62	65	82	62	86	77	83	84	80	74	55
Metals and machinery	56	55	64	49	75	77	80	59	64	70	68	68	58
Printing and engraving	31	32	24	29	28	26	24	31	33	38	38	42	27
Stone, clay, and glass	29	9	18	11	12	23	14	18	15	26	19	17	19
Textiles	74	81	82	116	133	103	105	92	145	113	100	117	75
Miscellaneous	197	290	191	235	253	219	244	245	231	201	226	229	189
Traders, total	1,581	1,605	1,545	2,013	2,593	2,002	2,108	2,006	1,987	1,912	1,790	1,970	1,528
Books and paper	22	18	19	16	37	16	14	24	27	15	31	29	24
Chemicals, drugs, and paints	121	112	114	142	120	126	148	123	114	154	120	133	131
Clothing	278	284	289	421	701	505	437	448	434	365	386	404	317
Food and tobacco	479	447	411	591	556	489	545	475	511	505	440	573	387
General stores	98	105	124	159	195	144	158	110	134	104	119	107	76
Household furnishings	256	260	260	343	536	398	487	426	386	399	323	340	266
Miscellaneous	327	379	328	341	450	324	319	400	381	370	371	384	327
Liabilities, total	52,870	70,660	60,660	73,213	96,860	84,900	93,760	101,069	83,764	76,931	87,190	77,031	56,128
Agents and brokers	7,857	14,841	7,318	12,373	10,676	10,016	16,349	16,194	18,100	14,462	15,042	12,666	7,345
Manufacturers, total	18,897	27,334	26,112	22,454	31,680	33,579	31,293	43,138	36,078	25,637	37,229	27,462	22,310
Chemical, drugs, and paints	409	596	1,242	1,022	836	2,587	312	679	477	315	2,977	354	474
Foodstuffs and tobacco	613	1,100	810	1,076	1,836	805	1,480	935	646	483	388	1,444	930
Leather and manufactures	945	216	198	705	1,033	3,172	2,390	1,188	1,337	491	755	2,222	529
Lumber	3,752	3,659	3,567	2,480	6,445	4,347	5,947	5,757	9,953	5,494	5,930	3,701	6,660
Metals and machinery	2,820	6,183	9,157	1,414	3,332	5,398	5,414	6,307	4,549	2,703	8,115	5,068	4,302
Printing and engraving	1,126	750	744	706	652	1,208	982	1,265	1,546	1,059	1,270	699	1,248
Stone, clay, and glass	1,376	2,305	1,049	2,698	1,300	1,575	498	945	252	700	688	1,230	444
Textiles	1,680	4,619	2,004	3,543	3,903	4,357	2,943	4,031	4,096	4,641	5,775	5,068	1,342
Miscellaneous	6,176	7,905	7,341	8,810	13,512	10,431	11,329	22,030	7,277	9,751	11,331	8,130	6,381
Traders, total	26,117	29,486	27,229	38,385	54,505	41,005	44,118	47,736	35,585	36,835	34,920	36,905	26,471
Books and paper	265	668	321	231	556	104	139	922	445	228	558	433	314
Chemicals, drugs, and paints	1,851	1,348	1,323	1,901	2,254	1,890	1,929	1,623	1,342	1,756	1,373	1,740	1,286
Clothing	3,360	6,131	4,309	5,624	11,262	8,687	5,327	7,921	7,732	5,869	6,490	6,590	5,205
Food and tobacco	5,783	8,272	7,674	12,881	12,681	10,085	12,267	15,542	8,856	7,892	8,287	9,329	4,839
General stores	956	1,734	1,502	2,616	4,957	2,287	5,582	1,629	2,198	1,649	1,853	1,712	619
Household furnishings	5,678	5,489	5,828	7,721	11,358	9,531	11,474	10,019	7,729	10,348	6,843	7,134	6,089
Miscellaneous	8,224	5,845	6,273	7,410	11,437	8,422	7,399	10,080	7,382	9,093	9,516	9,967	8,119
LIFE INSURANCE													
(Association of Life Insurance Presidents)													
Assets, admitted, total	16,227	16,288	16,366	16,459	16,537	16,572	16,581	16,633	16,641	16,680	16,715	16,775	16,775
Mortgage loans	6,379	6,387	6,382	6,397	6,393	6,383	6,365	6,344	6,318	6,293	6,269	6,240	6,240
Farm	1,527	1,523	1,512	1,512	1,506	1,498	1,487	1,477	1,477	1,459	1,451	1,395	1,395
Other	4,852	4,864	4,870	4,885	4,887	4,885	4,878	4,867	4,851	4,834	4,817	4,845	4,845
Bonds and stocks held (book value)	6,159	6,164	6,167	6,163	6,177	6,177	6,169	6,172	6,170	6,173	6,189	6,201	6,201
Government	1,283	1,284	1,289	1,290	1,303	1,302	1,303	1,313	1,318	1,327	1,343	1,353	1,353
Public utility	1,665	1,667	1,667	1,664	1,672	1,678	1,674	1,673	1,670	1,670	1,669	1,669	1,669
Railroad	2,687	2,688	2,686	2,683	2,679	2,675	2,671	2,665	2,660	2,657	2,655	2,652	2,652
Other	524	525	525	526	523	522	521	521	522	519	522	527	527
Policy loans and premium notes	2,508	2,544	2,594	2,655	2,704	2,742	2,785	2,827	2,871	2,886	2,919	2,934	2,934
Insurance written:													
Policies and certificates	1,059	1,035	1,229	1,551	1,100	1,089	1,224	1,144	1,900	1,101	1,091	1,027	951
Group	29	18	19	44	21	21	21	36	23	26	18	17	41
Industrial	781	761	951	1,156	804	816	931	860	833	830	845	774	681
Ordinary	249	256	259	350	248	252	271	248	233	246	228	236	229
Value, total	670,420	817,858	846,617	1,117,187	944,848	833,324	889,664	822,990	760,127	769,336	692,113	669,375	640,331
Group	38,868	40,504	28,595	101,205	111,920	35,123	46,574	64,884	49,114	50,606	35,984	28,379	61,018
Industrial	198,053	213,931	230,344	261,773	217,552	220,568	251,059	236,898	222,956	213,298	206,641	196,340	174,156
Ordinary	433,499	563,423	587,678	754,209	615,376	577,633	593,031	521,208	488,057	505,432	448,488	444,056	405,157
Premium collections	236,554	241,561	235,201	348,384	248,576	249,578	261,166	250,826	245,270	242,298	238,157	234,446	210,172
Annuities	17,037	10,125	9,812	23,904	14,454	10,412	13,003	13,331	12,287	10,992	10,115	11,962	10,624
Group	7,285	7,484	7,464	10,166	8,862	8,225	9,333	8,178	7,205	7,682	7,506	7,980	6,798
Industrial	58,052	58,365	59,204	113,491	60,570	61,157	56,810	57,693	57,954	55,020	57,068	58,636	53,379
Ordinary	154,180	165,587	158,721	200,823	164,710	169,784	182,020	171,624	167,824	168,003	157,470	155,868	139,371
(Life Insurance Sales Research Bureau)													
Insurance written ordinary total	479	600	630	800	635	593	639	557	531	536	486	488	438
Eastern district	200	258	279	342	289	268	279	245	230	232	211	213	187
Far Western district	49	61	64	89	63	58	66	54	52	53	47	47	42
Southern district	51	64	67	89	68	61	65	59	59	56	51	51	48
Western district	179	216	220	289	214	206	229	199	190	195	177	177	161
Lapse rates 1925-1926=100				127			123			137			157

• Revised.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932				1931								
	October	October	November	December	January	February	March	April	May	June	July	August	September

FINANCE—Continued

MONETARY STATISTICS													
Foreign exchange rates:													
Argentina.....dolls. per gold peso..	0.586	0.520	0.588	0.585	0.583	0.582	0.583	0.582	0.583	0.585	0.586	0.586	0.586
Belgium.....dolls. per belga..	.139	.140	.139	.139	.139	.139	.139	.140	.140	.139	.139	.139	.139
Brazil.....dolls. per milreis..	.076	.056	.062	.062	.062	.062	.062	.065	.071	.075	.076	.076	.076
Canada.....dolls. per Canadian doll..	.912	.891	.890	.827	.851	.873	.895	.899	.884	.867	.871	.876	.903
Chile.....dolls. per peso..	.060	.121	.121	.121	.121	.121	.121	.107	.060	.060	.060	.060	.060
England.....dolls. per £..	3.40	3.89	3.72	3.37	3.43	3.46	3.64	3.75	3.68	3.65	3.55	3.48	3.47
France.....dolls. per franc..	.039	.039	.039	.039	.039	.039	.039	.039	.040	.039	.039	.039	.039
Germany.....dolls. per reichsmark..	.238	.232	.237	.236	.237	.237	.238	.237	.238	.237	.237	.238	.238
India.....dolls. per rupee..	.257	.287	.280	.254	.258	.260	.273	.280	.273	.272	.267	.262	.262
Italy.....dolls. per lira..	.051	.052	.052	.051	.050	.052	.052	.052	.052	.051	.051	.051	.051
Japan.....dolls. per yen..	.231	.493	.493	.435	.360	.343	.322	.328	.320	.303	.275	.245	.236
Netherlands.....dolls. per florin..	.402	.404	.402	.402	.402	.404	.403	.405	.406	.404	.403	.402	.402
Spain.....dolls. per peseta..	.082	.090	.086	.084	.084	.078	.078	.077	.081	.083	.081	.081	.081
Sweden.....dolls. per krona..	.175	.231	.207	.187	.192	.193	.199	.191	.187	.187	.182	.179	.178
Uruguay.....dolls. per peso..	.474	.349	.450	.446	.449	.462	.471	.473	.475	.472	.476	.474	.474
Gold and money:													
Monetary stocks, U. S.....mills. of dolls..	4,226	4,447	4,363	4,450	4,452	4,384	4,372	4,381	4,273	3,955	3,942	4,030	4,140
Movement, foreign—													
Earmarked by F. R. B., foreign account													
.....thous. of dolls..	120,646	463,931	435,621	458,534	433,150	406,781	348,479	344,500	366,650	395,447	339,210	238,709	166,420
Net release from earmark.....thous. of dolls..	45,774	-107,600	28,310	-22,913	25,384	26,369	58,302	3,979	-28,150	-28,797	56,237	100,501	72,287
Exports.....thous. of dolls..	57	398,604	4,994	32,651	107,863	128,211	43,909	49,509	212,229	226,117	23,474	18,067	60
Imports.....thous. of dolls..	20,674	60,919	94,430	89,509	34,912	37,644	19,238	19,271	16,715	20,070	17,837	24,170	27,957
Net gold imports including gold released													
from earmark*.....thous. of dolls..	66,391	-445,295	117,746	33,935	-47,567	-64,198	33,639	-26,269	-217,664	-234,844	52,800	106,614	100,186
Production, Rand.....fine ounces..	974,965	945,113	960,510	923,353	933,784	914,012	960,035	949,796	965,644	959,011	980,160	991,000	961,501
Receipts at mint, domestic.....fine ounces..	171,220	123,748	134,775	123,555	89,185	91,704	89,185	85,906	100,763	104,770	123,416	143,088	145,825
Money in circulation, total.....mills. of dolls..	5,643	5,478	5,518	5,611	5,645	5,627	5,531	5,452	5,456	5,530	5,752	5,720	5,685
Silver:													
Exports.....thous. of dolls..	1,316	2,158	872	2,168	1,611	942	967	1,617	1,865	1,268	828	433	868
Imports.....thous. of dolls..	1,305	2,573	2,138	3,215	2,097	2,009	1,809	1,890	1,547	1,401	1,288	1,554	2,052
Price at New York.....dolls. per fine oz..	.272	.295	.322	.301	.298	.301	.298	.283	.278	.275	.267	.280	.279
Production, estimated, world (85 per cent of													
total).....thous. of fine oz..		12,992	11,730	10,821	11,571	11,086	9,113	10,801	11,311	9,614	11,927	10,924	-----
Canada.....thous. of fine oz..	1,853	1,987	1,659	1,113	1,484	1,539	1,128	1,338	1,227	933	1,954	1,491	1,500
Mexico.....thous. of fine oz..		7,312	6,295	5,990	6,231	6,293	4,548	5,730	6,483	4,714	6,611	5,907	-----
United States.....thous. of fine oz..	1,918	2,181	2,132	2,350	2,114	1,677	1,785	2,104	1,884	2,307	1,824	2,170	1,778
Stocks, end of month—													
United States.....thous. of fine oz..	5,883	4,066	5,035	6,209	6,517	6,408	7,479	6,718	6,446	5,821	4,622	4,923	5,012
Canada.....thous. of fine oz..	1,701	1,110	1,471	1,273	1,324	1,538	1,677	1,681	1,983	1,626	1,645	1,642	1,916
NET CORPORATION PROFITS													
(Quarterly)													
Profits, total.....mills. of dolls..				267			225.0			170.0			
Industrial and mercantile,													
total.....mills. of dolls..				d 1			29.4			d 0.3			
Autos, parts and accessories.....mills. of dolls..				d 30			1.6			d 1.4			
Foods.....mills. of dolls..				22			23.4			24.0			
Metals and mining.....mills. of dolls..				d 2			d 0.2			d 1.9			
Machinery.....mills. of dolls..				2			d 0.3			d 1.2			
Oil.....mills. of dolls..				d 13			0.5			10.6			
Steel and railroad equipment.....mills. of dolls..				d 13			d 24.5			d 32.1			
Miscellaneous.....mills. of dolls..				33			28.9			1.7			
Public utilities.....mills. of dolls..				79			70.9			66.0			
Railroads, Class I.....mills. of dolls..				125			66.0			45.2			
Telephones.....mills. of dolls..				64			58.7			59.1			
PUBLIC FINANCE (FEDERAL)													
Debt, gross, end of month.....mills. of dolls..	20,813	17,292	17,310	17,825	17,816	18,126	18,507	18,597	19,037	19,487	19,612	20,067	20,611
Expenditures, chargeable to ordinary													
receipts.....thous. of dolls..	373,209	416,472	292,652	862,348	232,927	370,986	385,486	543,759	447,619	443,210	347,889	257,084	265,725
Receipts, ordinary, total.....thous. of dolls..	148,004	134,649	106,304	342,271	107,748	97,140	275,932	98,822	91,635	244,089	100,652	111,133	259,958
Customs.....thous. of dolls..	24,744	35,175	27,445	26,549	27,180	23,191	23,231	21,383	18,004	17,373	18,876	24,116	25,935
Internal revenue, total.....thous. of dolls..	89,850	72,356	59,098	295,499	62,539	59,054	231,830	55,201	60,103	206,994	61,686	79,940	216,481
Income tax.....thous. of dolls..	13,063	25,773	19,546	256,522	22,134	23,317	192,703	20,469	22,324	160,502	17,457	15,083	142,203
CAPITAL ISSUES													
Total, all issues (Commercial and Financial													
Chronicle).....thous. of dolls..	121,471	45,932	130,787	139,391	193,939	94,497	190,020	142,319	122,862	142,206	154,121	169,842	141,396
Domestic, total.....thous. of dolls..	117,456	45,932	130,787	139,391	193,939	94,497	190,020	142,319	122,862	142,206	154,121	167,842	81,396
Foreign, total.....thous. of dolls..	4,015	0	0	0	0	0	0	0	0	0	0	2,000	60,000
Corporate, total.....thous. of dolls..	67,489	17,891	70,202	86,331	48,164	44,551	57,344	48,194	22,231	29,340	111,871	133,395	10,882
Industrial.....thous. of dolls..	6,966	2,160	583	19,100	2,319	100	341	0	0	0	1,000	600	0
Investment trusts.....thous. of dolls..	0	941	0	0	0	0	0	0	0	0	0	0	0
Land, buildings, etc.....thous. of dolls..	0	9,625	5,784	5,785	1,225	2,900	1,911	490	0	125	0	0	700
Long-term issues.....thous. of dolls..	0	9,125	2,619	3,185	1,075	0	905	490	0	80	0	0	700
Apartments and hotels.....thous. of dolls..	0	0	500	0	0	0	0	0	0	0	0	0	0
Office and commercial.....thous. of dolls..	0	9,125	1,979	2,575	690	0	755	0	0	0	0	0	0
Public utilities.....thous. of dolls..	60,523	2,000	51,285	53,398	44,620	34,901	51,097	46,206	22,031	19,888	110,529	99,999	9,732
Railroads.....thous. of dolls..	0	0	12,550	0	0	4,950	3,425	0	0	9,327	0	26,450	0
Miscellaneous.....thous. of dolls..	0	3,165	0	8,048	0	1,700	571	1,498	200	0	342	6,346	450
Farm loan bank issues.....thous. of dolls..	9,100	12,090	6,000	12,000	12,500	15,000	25,000	25,000	15,000	30,000	16,000	0	4,000
Municipal, States, etc.....thous. of dolls..	46,867	16,041	54,585	41,060	133,275	34,947	107,675	69,126	85,631	82,866	26,250	34,448	66,514
Purpose of issue—													
New capital, total.....thous. of dolls..	97,809	44,988	110,215	118,751	179,919	73,380	160,612	70,268	91,241	77,944	103,899	61,954	93,032
Domestic, total.....thous. of dolls..	93,794	44,988	110,215	118,751	179,919	73,389	160,612	70,268	91,241	77,944	103,899	59,954	73,032
Corporate.....thous. of dolls..	44,459	17,391	50,123	66,984	46,664	38,863	48,247	15,070	7,231	4,110	62,842	26,281	6,550
Farm loan bank issues.....thous. of dolls..	9,100	12,000	6,000	12,000	0	0	5,000	25,000	0	0	16,000	0	4,000
Municipal, State, etc.....thous. of dolls..	36,220	15,597	54,092	39,767	133,255	34,526	107,365	30,199	84,011	73,835	25,057	33,674	62,482
Foreign.....thous. of dolls..	4,015	0	0	0	0	0	0	0	0	0	0	2,000	20,000
Refunding, total.....thous. of dolls..	23,662	945	20,571	20,641	14,020	21,109	29,408	72,051	31,621	64,262	50,221	107,888	48,364
Corporate.....thous. of dolls..	19,015	500	20,079	19,347	1,500	5,688	9,097	33,124	15,000	25,231	49,029	107,114	4,332
Type of security, all issues:													
Bonds and notes, total.....thous. of dolls..	118,180	42,326	106,932	100,523	189,520	90,685	187,282	142,319	122,862	142,206	153,121	168,042	141,046
Corporate.....thous. of dolls..	64,198	14,285	46,347	47,463	43,745	40,738	54,607	48,194	22,231	29,340	110,871	131,595	10,532
Stocks.....thous. of dolls..	3,291	3,606	23,555	38,868	4,419	3,813	2,738	0	0	0	1,000	1,800	350
State and municipals (Bond Buyer):													
Permanent (long term).....thous. of dolls..	64,095	18,293	54,322	49,244	135,154	35,310	87,996	66,671	85,396	85,588	27,370	35,854	71,782
Temporary (short term).....thous. of dolls..	28,396	50,122	74,625										

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FINANCE—Continued

SECURITY MARKETS													
Bonds													
Prices:													
All listed bonds, avg. price (N. Y. S. E.)	76.37	79.28	75.19	72.29	73.45	75.31	76.12	74.49	70.62	71.71	74.27	77.27	77.50
Domestic issues	82.04	86.13	84.13	80.19	80.34	82.02	80.57	79.31	73.57	75.06	79.25	83.70	83.93
Foreign issues	66.30	67.28	59.55	58.35	61.31	63.51	68.30	65.99	65.40	64.78	65.52	65.89	66.10
Domestic (Dow-Jones) (40)	49.86	65.06	64.08	53.23	57.47	57.23	58.25	49.42	43.08	41.29	42.98	53.35	55.01
Industrials (10)	49.56	55.48	56.31	47.37	50.04	48.84	49.51	43.42	38.14	35.99	37.76	48.08	52.21
Public utilities (10)	70.95	71.93	72.15	65.84	66.09	66.23	69.61	66.11	63.88	60.49	64.73	69.96	70.10
Rails, high grade (10)	80.76	84.35	83.73	75.29	76.95	75.30	79.28	73.23	69.69	68.78	70.97	79.32	82.07
Rails, second grade (10)	29.79	56.49	53.02	39.11	46.54	47.52	46.54	34.33	27.30	26.47	27.52	36.67	36.88
Domestic (Standard Statistics) (60)	84.1	89.4	89.0	81.6	81.0	80.4	82.8	79.4	75.2	72.2	74.2	83.2	85.8
Domestic U. S. Liberty (N. Y. Trust) (5)		100.37	100.86	98.23	96.01	99.16	99.63	102.24	100.78	101.79	102.89	103.19	103.78
Foreign (N. Y. Trust) (40)		56.10	50.20	45.61	49.63	51.45	50.13	46.37	41.71	44.47	51.72	55.82	63.47
Sales on New York Stock Exchange:													
Total	178,562	346,979	236,617	337,826	286,527	217,385	252,712	252,354	258,441	257,180	240,720	333,076	250,265
Liberty-Treas.	20,250	56,157	37,359	61,046	67,676	54,794	51,281	68,916	86,816	67,049	46,432	25,769	24,351
Value, issues listed on N. Y. S. E.:													
Par, all issues	51,744	52,599	52,547	52,360	52,242	52,245	52,277	52,218	52,193	52,086	51,991	51,863	51,780
Domestic issues	33,102	33,500	33,451	33,409	33,329	33,306	33,343	33,329	33,307	33,219	33,152	33,140	33,114
Foreign issues	18,642	19,100	19,097	18,951	18,913	18,929	18,934	18,890	18,886	18,868	18,839	18,724	18,667
Market value, all issues	39,518	41,703	39,512	37,848	38,372	39,347	39,794	38,897	36,857	37,353	38,615	40,073	40,192
Domestic issues	27,158	28,852	28,141	26,791	26,777	27,319	26,863	26,431	24,504	25,132	26,272	27,736	27,793
Foreign issues	12,360	12,850	11,371	11,058	11,595	12,028	12,931	12,465	12,352	12,222	12,343	12,336	12,399
Yields:													
Domestic (Standard Statistics) (60)	5.59	5.16	5.19	5.81	5.86	5.91	5.70	6.00	6.41	6.72	6.50	5.67	5.45
Industrials (15)	6.91	6.21	6.08	7.24	7.11	6.98	6.79	7.33	8.35	9.17	8.67	6.93	6.61
Municipals (15)	4.73	4.51	4.62	4.86	5.28	5.40	5.09	5.02	5.06	5.10	5.10	4.85	4.74
Public utilities (15)	5.11	4.77	4.89	5.29	5.36	5.49	5.30	5.50	5.65	5.77	5.65	5.22	5.06
Railroads (15)	5.63	5.14	5.17	5.86	5.70	5.78	5.60	6.16	6.57	6.83	6.60	5.65	5.36
Domestic, municipals (Bond Buyer) (20)	4.59	4.34	4.45	4.87	4.94	4.96	4.73	4.77	4.94	5.09	4.82	4.55	4.57
Domestic, U. S. Government—													
Treasury bonds (3 long term)	3.54	3.71	3.69	3.92	4.27	4.11	3.92	3.74	3.77	3.78	3.65	3.57	3.54
Treasury notes and certificates (3-6 months)		1.70	1.77	2.41	2.48	2.42	2.25	1.11	.31	.34	.22	.14	.03
Cash Dividend and Interest Payments and Rates													
Total (Journal of Commerce)	621,654	*740,457	557,742	670,951	997,938	443,200	494,269	654,200	493,800	685,101	814,400	392,490	437,440
Dividend payments	167,300	*281,700	251,000	231,100	403,100	195,900	214,700	226,700	224,800	244,700	255,400	143,900	125,000
Industrial and miscellaneous	140,900	*218,200	183,000	179,500	300,000	143,000	158,800	164,500	169,000	180,000	185,500	105,900	103,000
Railroads, steam	10,400	36,000	32,450	28,800	42,500	29,000	30,500	28,200	21,700	9,900	12,000	9,000	7,300
Railroads, street	4,000	*7,500	10,550	10,800	11,600	7,900	4,900	7,500	6,100	5,300	4,900	3,500	3,200
Interest payments	454,354	458,757	306,742	439,851	594,838	247,300	279,569	427,500	269,000	440,311	557,000	248,590	312,440
Dividend payments (N. Y. Times)	133,344	232,255	371,135	284,499	202,300	366,996	250,405	161,700	271,120	216,662	122,561	246,113	156,599
Industrial and miscellaneous	126,878	206,070	343,006	249,075	181,637	337,527	239,461	154,515	257,574	187,801	113,820	226,892	154,099
Railroad	6,466	26,185	28,128	35,424	20,663	29,469	10,944	7,255	13,546	28,861	8,741	19,220	2,590
Dividend payments and rates (Moody's)													
Dividend payments, annual payments at current rate (600 companies)	1,146.7	1,935.0	1,888.5	1,807.1	1,744.2	1,621.4	1,545.0	1,476.6	1,367.1	1,245.9	1,216.5	1,163.6	1,148.9
Number of shares, adjusted	928.12	922.59	922.59	923.36	922.50	922.57	922.76	924.54	924.68	927.05	927.11	928.42	928.67
Dividend rate per share, weighted average (600)	1.24	2.10	2.05	1.96	1.89	1.76	1.67	1.60	1.48	1.34	1.31	1.25	1.24
Banks (21)	4.78	6.11	6.11	6.31	6.31	6.17	5.43	5.43	4.79	4.78	4.78	4.78	4.78
Industrials (492)	.92	1.64	1.60	1.55	1.48	1.33	1.27	1.09	1.01	.99	.99	.94	.93
Insurance (21)	1.89	3.08	3.08	3.00	2.95	2.95	2.89	2.77	2.77	2.31	1.95	1.87	1.89
Public utilities (30)	2.30	2.87	2.87	2.84	2.83	2.80	2.76	2.69	2.68	2.42	2.35	2.35	2.30
Railroads (36)	.81	3.91	3.64	2.79	2.64	2.36	2.21	1.68	1.37	1.12	1.12	.81	.81
Stocks													
Dow-Jones—													
Industrials (30)	63.5	101.8	104.0	81.2	79.4	80.0	81.5	62.7	53.3	46.9	46.2	67.5	72.6
Public utilities (20)	28.2	40.3	40.0	33.3	32.2	32.7	29.3	25.3	22.4	18.0	18.6	29.1	35.3
Railroads (20)	28.3	53.2	48.6	35.8	37.9	36.8	34.5	23.6	18.3	15.7	16.1	20.4	32.3
New York Times (50)	56.17	95.69	90.40	74.20	73.80	74.10	70.78	52.85	46.06	44.52	40.18	61.70	65.35
Industrials (25)	90.07	146.65	142.97	119.96	116.92	118.92	115.42	87.88	77.96	67.65	66.87	98.07	101.58
Railroads (25)	22.29	44.72	37.82	28.44	30.68	29.28	26.14	17.81	14.16	12.29	13.50	25.33	29.13
Standard Statistics (421)	49.9	69.7	71.7	57.7	58.0	56.5	56.8	43.9	39.8	34.0	35.9	53.3	58.2
Industrials (351)	47.7	64.8	67.5	54.3	54.4	52.9	53.8	41.7	38.1	33.5	35.8	51.5	55.8
Public utilities (37)	80.6	111.9	114.7	95.6	94.4	92.8	93.4	73.3	67.8	55.0	55.4	84.2	91.4
Railroads (33)	27.5	48.4	46.0	33.0	36.6	34.2	32.1	22.2	17.4	14.1	15.6	29.2	34.5
Standard Statistics—													
Banks, N. Y. (20)	66.3	78.8	82.2	60.6	63.8	64.1	67.1	45.3	46.6	39.4	43.2	64.8	73.5
Fire Insurance (20)	43.1	72.2	75.0	54.9	46.9	48.1	51.9	39.5	28.3	25.4	26.9	43.4	47.3
Sales, N. Y. S. E.	29,188	47,895	37,369	50,190	34,342	31,719	33,061	31,403	23,151	22,998	23,056	82,649	67,424
Value, and shares listed, N. Y. S. E.—													
Market value all listed shares	23,441	34,247	31,105	26,694	26,378	27,586	24,502	20,319	16,141	15,633	20,495	27,783	26,735
Number of shares listed	1,312	1,319	1,319	1,319	1,319	1,320	1,314	1,325	1,320	1,315	1,315	1,312	1,311
Yields:													
Common, Standard Statistics (90)	5.73	7.28	7.06	8.66	8.22	8.04	7.16	9.13	9.57	10.30	8.85	5.65	• 4.91
Industrials (50)	6.08	7.49	7.32	9.04	8.89	8.81	7.53	9.52	10.02	10.15	8.80	5.75	5.22
Public utilities (20)	5.64	5.74	5.50	6.60	6.37	6.06	5.74	7.34	8.08	10.21	8.75	5.74	5.03
Railroads (20)	3.11	10.07	9.79	12.70	9.01	8.60	9.15	12.74	11.86	12.45	9.91	4.47	• 2.51
Preferred, Standard Statistics—													
Industrials, high grade (20)	7.02	6.25	6.22	6.74	6.85	6.89	6.78	7.43	7.75	8.38	8.22	7.11	6.88
Stockholders (Common Stock)													
American Tel. & Tel. Co., total				642,427			667,238			703,080			705,501
Foreign				6,947			7,047			7,147			7,348
Pennsylvania Railroad Co., total				245,509			248,324			250,822			251,041
Foreign				3,268			3,267			3,305			3,327

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931				1932						
	October	October	November	December	January	February	March	April	May	June	July	August	September
FOREIGN TRADE													
INDEXES													
Value:													
Exports, unadjusted.....1923-1925=100..	40	54	51	48	40	41	41	36	35	30	28	29	35
Exports, adjusted for seasonal.1923-1925=100..	33	44	44	46	39	45	41	38	37	34	32	31	33
Imports, unadjusted.....1923-1925=100..	33	52	46	47	42	41	41	39	35	35	25	28	31
Imports, adjusted for seasonal.1923-1925=100..	32	51	46	48	42	41	37	36	34	36	27	29	32
Quantity, exports:													
Total agricultural products...1910-1914=100..	126	139	137	143	111	117	111	80	74	61	63	64	90
Total, excluding cotton.....1910-1914=100..	98	127	114	106	81	85	79	81	75	71	59	60	66
VALUE													
Exports, incl. reexports.....thous. of dolls..	153,459	204,905	193,540	184,070	150,022	153,972	155,250	135,359	132,065	114,259	106,842	109,158	132,025
By grand divisions and countries—													
Africa.....thous. of dolls..	3,374	* 5,377	3,598	4,317	3,140	2,717	3,735	2,958	3,047	2,412	3,205	2,569	2,809
Asia and Oceania.....thous. of dolls..	25,969	* 37,223	41,227	43,660	38,667	39,468	35,746	24,067	23,734	20,939	21,206	18,753	22,144
Japan.....thous. of dolls..	10,717	* 13,138	14,249	18,445	16,945	20,742	16,582	7,873	7,883	6,635	5,707	4,925	7,803
Europe.....thous. of dolls..	85,097	* 112,168	100,826	92,242	71,082	74,038	70,415	63,033	62,223	52,309	46,010	52,596	72,631
France.....thous. of dolls..	10,184	* 8,802	8,681	8,279	9,340	8,800	10,451	8,854	8,521	8,838	5,705	9,219	10,282
Germany.....thous. of dolls..	15,726	* 17,327	15,094	14,587	12,058	11,004	13,588	10,293	9,127	7,499	6,969	8,663	15,791
Italy.....thous. of dolls..	5,835	* 6,158	4,108	7,076	4,487	4,027	3,673	4,275	3,406	2,500	2,618	3,506	4,774
United Kingdom.....thous. of dolls..	33,058	* 50,499	46,289	36,699	28,666	33,366	23,383	21,264	23,121	18,394	16,784	18,638	25,728
North America, northern.....thous. of dolls..	20,765	* 27,269	26,155	20,101	18,923	20,551	25,328	24,724	24,556	20,884	19,245	19,309	19,210
Canada.....thous. of dolls..	20,491	* 26,610	25,760	19,777	18,572	20,247	24,993	24,325	24,181	20,469	18,887	18,925	18,745
North America, southern.....thous. of dolls..	9,695	* 12,617	12,395	13,158	10,813	9,791	11,410	11,918	10,480	9,929	9,545	8,901	8,232
Mexico.....thous. of dolls..	2,905	* 2,878	2,902	3,120	2,829	2,554	2,914	3,082	2,658	2,869	2,660	3,068	2,347
South America.....thous. of dolls..	8,651	* 10,251	9,354	10,100	7,276	7,439	8,622	8,535	7,652	7,803	7,553	6,778	7,900
Argentina.....thous. of dolls..	3,222	* 3,435	2,701	3,130	2,025	2,207	3,063	2,842	2,710	2,329	2,770	2,253	2,550
Brazil.....thous. of dolls..	2,265	* 2,480	2,626	2,717	2,014	2,275	2,439	2,511	1,886	2,641	1,787	1,825	1,984
Chile.....thous. of dolls..	245	* 983	974	875	399	552	530	338	207	197	280	220	220
By economic classes—													
Exports, domestic.....thous. of dolls..	151,094	201,390	190,339	180,801	146,785	150,997	151,779	132,408	128,946	109,604	104,210	106,875	129,525
Crude materials.....thous. of dolls..	60,517	63,624	68,077	68,407	49,762	52,569	50,409	34,023	29,849	24,195	27,588	29,481	47,389
Raw cotton.....mills. of dolls..	40.1	39.8	43.6	47.3	36.0	37.3	36.5	20.7	17.7	13.4	15.9	18.1	32.1
Foodstuffs, total.....thous. of dolls..	25,219	39,314	34,460	27,077	23,697	22,759	21,723	21,001	20,014	18,042	15,623	17,396	20,373
Foodstuffs, crude.....thous. of dolls..	8,614	13,967	13,754	9,404	8,194	8,495	8,510	9,790	8,613	6,896	5,567	5,964	5,852
Foodstuffs, manuf.....thous. of dolls..	16,605	25,347	20,706	17,673	15,503	14,264	13,213	11,211	11,401	11,146	10,116	11,432	14,521
Fruits and preparations.....mills. of dolls..	12.2	16.2	11.7	6.6	7.4	7.0	5.9	4.9	4.5	3.7	4.3	5.4	9.6
Meats and fats.....mills. of dolls..	5.2	7.1	6.0	7.3	6.1	6.0	4.7	4.2	4.5	4.4	4.4	4.0	4.8
Wheat and flour.....mills. of dolls..	2.7	8.8	8.5	7.6	5.3	5.1	5.4	7.6	5.5	5.1	2.9	3.4	2.6
Manufactures, semi.....thous. of dolls..	16,867	21,184	20,797	20,633	18,820	18,427	18,300	18,902	18,598	14,816	14,071	13,645	15,860
Manufactures, finished.....thous. of dolls..	48,492	77,269	67,095	64,683	54,506	57,242	61,348	58,483	60,485	52,552	46,928	46,353	45,904
Autos and parts.....mills. of dolls..	5.0	8.6	5.6	8.9	6.8	7.4	9.3	7.8	7.9	6.3	6.2	5.1	4.9
Gasoline.....mills. of dolls..	5.2	7.2	8.3	5.0	6.7	7.0	6.3	8.3	9.9	7.7	5.3	5.6	5.8
Machinery.....mills. of dolls..	11.8	20.1	15.6	17.6	11.4	13.8	13.5	12.2	11.3	10.3	9.6	9.0	9.1
Imports, total.....thous. of dolls..	106,360	168,708	149,480	153,773	135,520	130,978	131,180	126,522	112,276	110,200	79,420	91,100	98,448
By grand divisions and countries—													
Africa.....thous. of dolls..	1,411	1,697	2,141	1,575	2,039	2,854	3,711	2,107	1,767	1,654	1,514	1,298	1,250
Asia and Oceania.....thous. of dolls..	28,110	48,413	44,366	41,114	37,846	33,553	35,498	37,102	30,621	29,451	23,781	25,439	27,731
Japan.....thous. of dolls..	10,505	19,474	20,408	18,803	14,150	12,723	13,163	11,275	8,813	8,542	8,574	10,065	12,135
Europe.....thous. of dolls..	37,654	* 56,306	49,306	50,231	40,956	41,720	36,482	34,239	28,713	25,688	21,528	26,363	32,389
France.....thous. of dolls..	4,510	* 8,971	6,415	6,722	4,080	4,137	4,244	3,925	2,739	3,184	2,231	3,400	4,023
Germany.....thous. of dolls..	7,128	12,071	8,274	8,187	6,446	5,639	6,564	6,497	5,223	4,964	4,466	5,696	6,754
Italy.....thous. of dolls..	3,990	5,618	6,519	6,850	5,045	4,007	4,467	4,357	3,124	2,391	1,900	2,502	3,130
United Kingdom.....thous. of dolls..	6,790	11,278	8,547	9,237	5,954	7,728	7,702	7,332	6,849	5,194	4,279	5,213	6,320
North America, northern.....thous. of dolls..	14,708	* 22,821	21,113	21,229	17,354	14,658	17,037	15,896	18,219	19,503	13,091	13,530	13,172
Canada.....thous. of dolls..	13,778	* 21,287	20,464	20,637	16,216	14,608	16,947	15,729	17,143	18,706	12,720	12,736	12,508
North America, southern.....thous. of dolls..	9,624	* 17,793	13,029	14,613	15,002	16,646	18,409	19,031	14,978	14,558	9,077	12,870	10,623
Mexico.....thous. of dolls..	1,942	* 3,110	2,533	2,911	3,704	3,348	4,214	5,778	4,217	3,890	1,748	2,062	2,425
South America.....thous. of dolls..	14,853	* 21,682	19,763	24,179	21,976	21,546	20,214	18,361	17,977	20,556	10,432	11,610	13,282
Argentina.....thous. of dolls..	1,013	* 3,304	2,431	1,653	1,863	1,855	1,729	2,121	1,576	976	488	598	804
Brazil.....thous. of dolls..	6,381	* 7,616	7,300	10,180	8,655	8,552	9,038	6,223	8,704	8,714	4,494	3,154	5,532
Chile.....thous. of dolls..	156	* 2,818	2,855	2,034	3,647	2,093	1,206	1,000	1,000	619	222	1,680	135
By economic classes—													
Crude materials.....thous. of dolls..	27,243	* 52,374	47,811	49,819	38,183	37,310	36,035	36,300	28,356	29,631	19,457	22,040	27,313
Foodstuffs, crude.....thous. of dolls..	19,445	* 20,354	19,537	22,809	23,433	22,849	24,870	19,172	20,596	20,065	14,600	13,855	17,366
Foodstuffs, manufactured.....thous. of dolls..	14,056	16,469	13,464	13,872	14,895	14,913	17,492	18,943	16,533	12,794	11,661	15,340	13,941
Manufactures, semi.....thous. of dolls..	17,540	29,043	27,427	25,343	26,209	24,054	20,665	18,870	17,268	18,377	11,885	15,682	14,570
Manufactures, finished.....thous. of dolls..	28,076	50,467	41,241	42,019	32,491	31,810	32,879	33,391	29,492	30,606	21,819	24,765	25,233

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION													
Express Operations													
Operating revenue.....thous. of dolls..	9,540	9,150	9,470	8,459	7,701	7,935	7,853	8,036	7,769	7,124	6,775		
Operating income.....thous. of dolls..	129	119	131	135	133	133	126	118	122	132	136		
Electric Street Railways													
Fares, average (320 cities).....cents..	8,212	8,225	8,225	8,225	8,255	8,225	8,225	8,231	8,225	8,225	8,235	8,219	8,229
Passengers carried.....thousands..	695,712	795,443	745,280	803,216	766,176	724,195	773,079	747,930	739,799	680,723	621,001	614,031	633,118
Operating revenues.....thous. of dolls..	59,704	56,211	59,970	56,686	53,428	56,797	53,486	52,440	52,440	48,625	44,650	45,400	
Steam Railroads													
Freight carloadings (F. R. B.):													
Index, unadjusted.....1923-1925=100..	65	78	70	61	58	50	58	57	53	52	51	53	61
Coal.....1923-1925=100..	77	83	72	70	66	66	67	52	42	39	43	49	64
Coke.....1923-1925=100..	40	45	46	50	47	52	48	31	26	24	21	23	31
Forest products.....1923-1925=100..	26	33	31	25	25	27	27	27	26	24	21	21	25
Grain and products.....1923-1925=100..	72	82	80	62	66	74	62	66	62	58	84	83	82
Livestock.....1923-1925=100..	69	86	80	66	65	57	49	50	51	45	45	51	64
Merchandise, l. c. l.....1923-1925=100..	72	87	85	77	75	75	75	75	74	71	68	68	72
Ore.....1923-1925=100..	16	30	16	10	7	7	7	9	7	10	17	18	16
Miscellaneous.....1923-1925=100..	66	81	70	57	54	53	54	57	56	56	52	53	62

* Revised.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932						
	October	October	November	December	January	February	March	April	May	June	July	August

TRANSPORTATION AND COMMUNICATIONS—Continued

TRANSPORTATION—Continued													
Steam Railroads—Continued													
Freight carloadings—Continued.													
Index, adjusted.....1923-1925=100.....	57	69	68	69	64	62	61	59	54	52	51	51	54
Coal.....1923-1925=100.....	68	72	65	65	58	61	71	62	48	45	49	51	59
Coke.....1923-1925=100.....	39	42	44	47	43	45	48	32	26	27	24	25	32
Forest products.....1923-1925=100.....	25	33	33	30	28	27	27	26	24	22	21	20	24
Grain and products.....1923-1925=100.....	65	74	76	63	69	78	72	86	76	66	70	68	68
Livestock.....1923-1925=100.....	52	64	69	66	62	60	56	61	54	53	54	57	54
Merchandise, l. c. l.....1923-1925=100.....	69	83	83	83	81	78	75	73	71	71	69	68	69
Ore.....1923-1925=100.....	12	36	25	40	31	29	28	18	4	6	9	10	10
Miscellaneous.....1923-1925=100.....	56	69	72	73	67	62	57	56	54	54	49	48	52
Total cars.....thousands.....	3,188	2,813	2,620	2,273	2,270	2,245	2,287	2,773	2,088	1,966	2,422	2,065	2,245
Coal.....thousands.....	676	727	486	471	461	469	485	461	298	267	561	338	414
Coke.....thousands.....	24	28	21	23	23	25	24	19	13	12	13	11	14
Forest products.....thousands.....	95	122	87	71	73	77	80	69	75	67	73	62	69
Grain and products.....thousands.....	174	193	145	112	124	137	116	154	117	101	185	154	148
Livestock.....thousands.....	117	145	104	87	88	76	66	63	60	60	72	67	81
Merchandise, l. c. l.....thousands.....	893	1,081	806	742	747	732	749	931	728	682	816	676	681
Ore.....thousands.....	32	102	25	15	12	11	11	17	10	14	31	28	24
Miscellaneous.....thousands.....	1,148	*1,416	946	753	742	728	750	998	778	764	872	728	813
Freight-car surplus, total.....thousands.....	545	535	659	751	742	722	705	728	751	773	764	708	599
Box.....thousands.....	316	290	341	401	381	367	364	294	381	387	387	377	324
Coal.....thousands.....	171	185	249	269	283	278	265	363	297	314	304	261	210
Equipment, mfrs. (See Trans. Equip.)													
Financial operations (Class I roads):													
Dividends paid. (See Finance.)													
Operating revenues.....thous. of dollars.....	298,462	*363,186	305,385	288,631	275,371	267,272	200,029	267,817	254,741	246,237	237,813	252,102	272,473
Freight.....thous. of dollars.....		239,193	238,459	214,443	208,492	205,566	225,031	207,969	194,272	185,940	173,910	194,987	214,599
Passenger.....thous. of dollars.....		*88,202	35,904	40,577	38,024	33,882	34,398	31,008	31,339	32,633	32,713	31,385	30,431
Operating expenses.....thous. of dollars.....	200,147	261,255	238,507	241,439	229,548	211,104	222,432	211,631	207,393	199,331	191,752	189,631	189,377
Net operating income.....thous. of dollars.....	47,344	*64,202	36,580	21,263	11,714	22,643	32,289	20,624	11,951	12,653	11,597	28,368	49,647
Operating results (Class I roads):													
Freight carried 1 mile.....mills. of tons.....		30,588	25,086	22,663	22,553	21,732	23,580	21,255	19,870	18,668	19,065	20,046	22,706
Receipts per ton mile.....cents.....		1.046	1.035	1.037	1.017	1.047	1.061	1.090	1.086	1.104	1.051	1.065	1.055
Passengers carried 1 mile.....millions.....		1,541	1,468	1,641	1,506	1,401	1,407	1,308	1,425	1,462	1,613	1,556	1,556
Waterway Traffic													
Canals:													
Cape Cod.....thous. of short tons.....	235	221	210	222	178	168	190	233	213	201	214	214	215
New York State.....thous. of short tons.....	554	505	510	0	0	0	0	250	415	454	376	528	478
Panama, total.....thous. of long tons.....	1,582	1,763	1,578	1,649	1,594	1,645	1,644	1,444	1,677	1,406	1,200	1,349	1,347
U. S. vessels.....thous. of long tons.....	723	930	876	744	652	628	726	620	662	633	576	650	638
St. Lawrence.....thous. of short tons.....	1,014	795	964	32	0	0	0	279	884	905	822	938	1,061
Sault Ste. Marie.....thous. of short tons.....	3,924	6,248	3,049	284	0	0	0	369	1,568	1,988	2,638	3,065	3,807
Stuez.....thous. of metric tons.....		2,019	1,964	2,075	2,136	1,766	2,043	2,045	1,891	1,816	1,906	1,893	1,893
Welland.....thous. of short tons.....	1,252	851	935	104	0	0	0	465	1,037	1,065	1,030	1,162	1,292
Rivers:													
Allegheny.....thous. of short tons.....	170	214	157	120	47	44	72	172	145	147	109	148	127
Mississippi (Government barges)													
Monongahela.....thous. of short tons.....	109	105	86	168	121	113	114	99	112	108	107	100	*95
Ohio (Pittsburg to Wheeling)													
Ohio.....thous. of short tons.....	796	1,135	998	891	780	723	794	850	654	571	562	601	697
Ocean traffic:													
Clearances, vessels in foreign trade													
Foreign.....thous. of net tons.....	5,307	6,461	5,695	4,866	4,910	4,932	5,240	5,313	5,619	5,685	5,751	6,194	5,881
United States.....thous. of net tons.....	3,305	4,041	3,309	3,137	3,129	3,157	3,184	3,277	3,403	3,644	3,691	4,053	3,747
Shipbuilding. (See Trans. Equip.)													
Travel													
Hotel business:													
Average sale per occupied room.....dollars.....	3.12	3.51	3.56	3.39	3.38	3.46	3.27	3.28	3.12	3.11	3.09	3.24	3.16
Rooms occupied.....per cent of total.....	53	60	56	52	60	56	52	53	53	49	45	46	48
Foreign travel:													
Arrivals, U. S. citizens.....number.....	32,427	16,823	16,932	17,158	19,829	22,012	23,261	19,233	18,660	28,006	54,070	60,268	60,268
Departures, U. S. citizens.....number.....	35,016	23,224	24,351	25,016	22,920	24,718	19,980	22,152	23,357	59,298	57,887	38,368	38,368
Emigrants, U. S. citizens.....number.....	10,857	11,318	10,737	8,550	6,188	6,239	6,746	8,577	8,391	11,328	8,783	8,856	8,856
Immigrants.....number.....	3,913	2,899	2,642	2,220	1,984	2,103	2,469	2,470	2,586	2,079	2,719	3,129	3,129
Passports issued.....number.....	7,345	6,622	5,513	6,442	6,475	10,694	18,745	30,442	29,273	15,967	10,163	8,039	8,039
National parks:													
Visitors.....number.....	69,454	79,700	41,723	38,145	54,167	45,486	46,120	61,443	137,236	255,987	502,762	488,562	211,601
Automobiles.....number.....	19,838	18,867	7,514	6,900	9,617	8,204	7,951	12,026	33,578	123,179	133,025	125,973	57,226
Pullman Co.:													
Passengers carried.....thousands.....	1,674	1,526	1,677	1,643	1,424	1,424	1,404	1,286	1,270	1,300	1,276	1,323	1,339
Revenues, total.....thous. of dollars.....	4,490	4,238	4,852	4,530	4,039	3,806	3,621	3,558	3,757	3,608	3,475	3,475	3,648
COMMUNICATIONS													
Telephones (class A companies):													
Operating revenues.....thous. of dollars.....	96,704	93,275	95,272	91,811	89,039	91,683	89,815	88,583	86,725	82,187	82,690	82,588	82,588
Station revenues.....thous. of dollars.....	64,134	62,851	63,826	62,730	61,248	62,300	61,488	60,657	59,451	56,710	55,911	56,119	56,119
Tolls, message.....thous. of dollars.....	24,926	22,761	23,682	21,507	20,361	22,038	20,950	20,752	20,203	18,566	19,857	19,857	19,857
Operating expenses.....thous. of dollars.....	64,997	64,075	67,322	63,806	61,645	61,598	60,167	60,005	58,477	57,291	56,976	55,180	55,180
Operating income.....thous. of dollars.....	23,209	20,887	20,336	19,151	18,490	20,967	20,587	19,464	19,057	15,991	17,048	18,743	18,743
Stations in service, end of mo.....thousands.....	16,941	16,929	16,887	16,783	16,693	16,640	16,525	16,373	16,109	15,815	15,592	15,498	15,498
Telegraphs and cables:													
Operating revenues.....thous. of dollars.....	10,859	9,660	10,849	9,181	8,894	9,955	8,947	8,914	9,116	7,788	8,638	8,728	8,728
Commercial telegraph tolls.....thous. of dollars.....	8,243	7,387	8,298	7,058	6,771	7,573	6,861	6,867	6,997	5,844	6,545	6,534	6,534
Operating expenses.....thous. of dollars.....	9,531	8,564	9,490	8,469	8,040	6,605	8,114	8,126	8,002	7,918	7,646	7,521	7,521
Operating income.....thous. of dollars.....	951	722	994	326	469	961	443	399	725	d.516	602	818	818

†Data for October, 1931, and April, July, and October, 1932, are for 5 weeks; other months 4 weeks.

* Revised.

d=deficit.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932						
	October	October	November	December	January	February	March	April	May	June	July	August

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS													
Alcohol:													
Denatured—													
Consumption (disposed of)													
.....thous. of wine gals.	9,610	10,153	12,430	5,033	3,800	5,225	3,960	4,296	2,990	5,253	8,679	7,000	
Production.....thous. of wine gals.	9,147	9,476	11,413	5,226	3,966	4,555	4,089	4,868	5,300	6,203	8,172	6,633	
Stocks, end of month.....thous. of wine gals.	3,330	2,642	1,629	1,823	1,987	1,517	1,640	2,199	4,500	5,461	5,016	4,639	
Ethyl—													
Production.....thous. of proof gals.	16,037	14,084	14,002	13,224	10,340	9,526	10,137	11,578	10,500	11,908	12,365	13,355	
Stocks, warehoused, end of month.....thous. of proof gals.	15,130	12,690	5,870	9,153	12,574	14,026	16,215	18,490	19,000	20,071	18,079	18,780	
Withdrawn for denaturing.....thous. of proof gals.	15,564	15,515	19,350	8,574	6,265	7,335	6,700	8,244	8,900	9,924	13,780	11,906	
Methanol, wood distilled—													
Crude—													
Production.....gallons.	249,142	183,851	206,416	219,238	206,739	230,324	295,359	290,142	251,011	135,837	111,113	98,872	98,108
Stocks, total.....gallons.	313,792	583,975	529,425	521,660	525,866	429,718	473,466	519,113	369,786	511,120	558,374	477,538	329,507
Refined—													
Exports.....gallons.	79,714	80,065	37,473	54,535	36,653	39,434	97,940	27,976	44,378	55,129	47,733	60,123	134,564
Price, wholesale, N. Y.....dolls. per gal.	.37	.35	.35	.35	.35	.37	.37	.37	.37	.37	.37	.37	.37
Production.....gallons.	197,534	56,474	87,486	141,873	148,731	119,620	103,279	112,967	72,267	97,154	83,534	150,686	102,448
Shipments.....gallons.	159,491	105,060	89,704	154,262	102,452	125,361	76,401	59,773	76,404	119,571	117,248	145,724	92,220
Stocks, end of month.....gallons.	295,806	240,313	238,095	225,706	271,985	266,244	284,782	337,976	332,127	276,287	242,573	247,535	257,763
Methanol, synthetic—													
Production.....gallons.	571,372	510,432	394,118	327,556	585,880	546,086	514,119	501,759	742,826	712,059	793,639	792,641	697,890
Shipments.....gallons.	958,909	1,187,529	599,061	464,315	356,883	473,993	425,596	406,329	349,034	587,442	294,433	461,299	550,562
Stocks, end of month.....gallons.	3,442,098	2,250,309	2,015,366	1,878,607	2,077,604	2,149,697	2,238,220	2,333,650	2,727,442	2,852,059	3,351,265	3,682,607	3,829,635
Explosives:													
Orders, new.....thous. of lbs.	22,490	26,970	22,657	18,648	19,095	17,655	17,965	17,814	16,290	14,499	14,700	18,012	21,175
Production.....thous. of lbs.	22,996	25,282	24,509	18,595	18,175	18,064	17,092	16,804	17,097	14,195	12,728	18,340	19,638
Shipments.....thous. of lbs.	23,413	25,610	24,935	18,087	16,148	17,488	17,154	17,795	17,030	13,963	14,121	19,401	20,494
Stocks, end of month.....thous. of lbs.	14,339	18,151	18,264	18,712	18,025	18,530	18,362	17,587	17,173	17,745	16,353	15,301	14,704
Sulphur and sulphuric acid:													
Sulphur, production (quarterly).....long tons.				332,038				250,910			241,958		194,471
Sulphuric acid (104 plants)—													
Consumed in prod. of fertilizer.....short tons.	73,928	95,478	78,615	99,871	95,681	78,890	65,249	52,413	30,266	29,658	32,590	52,272	52,562
Price, wholesale 66°, at works.....dolls. per short ton.	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50
Production.....short tons.	83,609	106,751	99,654	108,782	117,613	104,573	87,816	60,416	50,690	44,930	45,393	58,245	60,275
Purchases—													
From fertilizer mfrs.....short tons.	16,224	18,802	18,665	14,644	15,865	8,795	5,591	6,850	1,954	2,315	7,514	12,404	11,846
From others.....short tons.	9,138	14,553	14,119	15,906	14,554	7,760	13,143	13,867	11,974	13,978	13,677	6,586	4,652
Shipments—													
To fertilizer mfrs.....short tons.	10,920	10,699	19,591	21,597	27,850	19,133	21,817	15,267	16,177	4,329	4,478	5,720	7,139
To others.....short tons.	23,579	32,199	28,311	29,208	25,657	26,732	22,492	23,414	21,009	17,938	14,242	24,380	23,261
FERTILIZERS													
Consumption, Southern States.....thous. of short tons.													
	98	98	98	67	172	365	644	898	156	68	14	40	97
Exports, total.....long tons.	67,268	94,416	81,703	80,469	79,242	98,264	75,732	71,614	81,697	52,000	60,359	52,926	64,686
Nitrogenous.....long tons.	20,679	13,452	3,284	11,877	19,600	32,114	3,243	11,063	4,105	12,255	7,633	15,234	32,591
Phosphate materials.....long tons.	44,204	75,114	76,785	59,213	58,200	65,262	71,862	59,542	76,954	36,731	51,724	36,708	30,005
Prepared fertilizers.....long tons.	50	300	67	200	22	133	81	149	69	114	306	172	374
Imports, total.....long tons.	83,262	120,822	77,849	70,754	89,070	84,160	100,136	61,433	84,746	57,388	49,999	57,586	87,502
Nitrogenous.....long tons.	34,487	61,904	52,837	51,670	63,041	40,132	40,060	42,397	66,909	38,368	26,662	26,264	44,817
Nitrate of soda.....long tons.	13	33,968	29,871	17,029	30,114	8,404	54	2,675	37	647	100	0	517
Phosphates.....long tons.	9,506	3,331	5,577	3,884	5,517	14,236	5,458	3,470	3,154	3,514	4,063	3,233	3,233
Potash.....long tons.	30,000	50,071	12,872	11,998	16,268	35,729	41,834	10,501	12,279	7,533	18,172	23,650	33,534
Price, nitrate of soda, 95 per cent, N. Y.....dolls. per cwt.	1.240	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.633	1.220
Superphosphate, bulk:													
Production.....short tons.	187,638	179,405	230,684	215,019	203,676	170,450	146,881	86,200	61,539	69,813	112,919	117,175	
Shipments to consumers.....short tons.	59,431	11,662	13,628	18,179	43,217	130,743	255,117	68,887	21,498	10,774	12,275	80,779	
Stocks, end of month.....short tons.	1,205,130	1,272,731	1,313,522	1,341,512	1,307,310	1,187,818	895,696	857,096	855,535	852,587	868,657	853,035	
NAVAL STORES													
Pine oil:													
Production.....gallons.	195,248	176,973	140,690	169,695	162,330	130,046	162,253	161,121	201,628	189,752	201,608	189,132	231,115
Rosin, gum:													
Price, wholesale "B," N. Y.....dolls. per bbl.	3.55	3.80	3.96	3.61	3.30	3.23	3.44	3.20	3.04	3.15	3.23	3.41	3.65
Receipts, net, 3 ports.....bbls. (500 lbs.)	75,153	101,157	95,642	93,980	28,614	29,539	31,705	64,070	91,527	96,115	104,904	99,148	83,484
Stocks, 3 ports, end of month.....bbls. (500 lbs.)	335,301	465,466	497,438	486,863	426,508	383,354	347,591	337,221	350,472	366,318	371,797	386,664	356,985
Rosin, wood:													
Production.....bbls. (500 lbs.)	33,132	26,102	21,440	23,242	23,196	20,006	26,187	26,443	30,597	29,483	30,076	31,141	31,155
Stocks, end of month.....bbls. (500 lbs.)	96,367	101,537	93,142	92,258	94,331	91,762	90,540	88,479	92,695	96,314	104,448	104,990	102,422
Turpentine, gum:													
Price, wholesale, N. Y.....dolls. per gal.	.46	.36	.40	.39	.40	.39	.45	.45	.44	.43	.41	.42	.46
Receipts, net, 3 ports.....bbls. (50 gals.)	19,362	30,849	23,147	19,844	5,234	3,808	6,190	17,018	27,410	26,841	29,723	27,770	22,811
Stocks, 3 ports, end of month.....bbls. (50 gals.)	82,503	120,953	119,388	112,311	101,081	86,679	73,640	68,947	73,896	70,242	82,532	86,467	82,364
Turpentine, wood:													
Production.....bbls. (50 gals.)	5,202	3,922	3,547	3,733	3,626	3,121	4,329	4,415	5,151	4,827	4,878	4,861	5,020
Stocks, end of month.....bbls. (50 gals.)	8,312	5,231	5,143	6,002	6,392	6,132	5,835	5,636	5,267	5,560	7,412	6,930	7,054
OILS, FATS, AND ANIMAL BY-PRODUCTS													
Animal fats and by-products (quarterly):													
Animal fats—													
Consumption, factory.....thous. of lbs.				169,650				161,991			178,375		171,011
Production.....thous. of lbs.				576,190				624,736			553,147		474,719
Stocks, end of quarter.....thous. of lbs.				222,723				276,508			303,339		240,524
Animal glues—													
Production.....thous. of lbs.				21,548				19,440			14,943		10,632
Stocks, end of quarter.....thous. of lbs.				67,474				68,836			69,653		74,218
Gelatin, edible—													
Production.....thous. of lbs.				4,574				5,406			3,924		1,300
Stocks, end of quarter.....thous. of lbs.				8,312				10,089			10,457		8,508

* Revised.

* Partly estimated.

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	October	October	November	December	January	February	March	April	May	June	July	August

CHEMICALS AND ALLIED PRODUCTS—Continued

OILS, FATS, AND ANIMAL BY-PRODUCTS—Continued														
Animal fats and by-products—Continued.														
Greases—														
Consumption, factory.....	thous. of lbs.													
Production.....	thous. of lbs.													
Stocks, end of quarter.....	thous. of lbs.													
Lard compounds and substitutes—														
Production.....	thous. of lbs.													
Stocks, end of quarter.....	thous. of lbs.													
Fish oils (quarterly)—														
Consumption, factory.....	thous. of lbs.													
Production.....	thous. of lbs.													
Stocks, end of quarter.....	thous. of lbs.													
Vegetable oils and products:														
Vegetable oils, total—														
Consumption, factory (quarterly)	thous. of lbs.													
Exports.....	thous. of lbs.	5,516	1,814	1,070										
Imports.....	thous. of lbs.	41,085	59,225	66,677										
Production (quarterly)	thous. of lbs.													
Stocks, end of quarter—														
Crude.....	thous. of lbs.													
Refined.....	thous. of lbs.													
Copro and coconut oils—														
Copro—														
Consumption, factory (quarterly)	short tons													
Imports.....	short tons	23,362	19,352	20,953										
Stocks, end of quarter.....	short tons													
Coconut or copra oil—														
Consumption, factory—														
Crude, quarterly.....	thous. of lbs.													
Refined, total (quarterly)	thous. of lbs.													
In oleomargarine.....	thous. of lbs.	11,920	13,859	13,291										
Imports.....	thous. of lbs.	9,442	30,784	25,186										
Production (quarterly)	thous. of lbs.													
Crude.....	thous. of lbs.													
Refined.....	thous. of lbs.													
Stocks, end of quarter—														
Crude.....	thous. of lbs.													
Refined.....	thous. of lbs.													
Cottonseed and products:														
Cottonseed—														
Consumption (crush).....	short tons	711,236	867,872	866,694										
Receipts at mills.....	short tons	1,253,516	1,586,260	1,258,704										
Stocks at mills, end of month.....	short tons	1,214,157	1,201,029	1,584,602										
Cottonseed cake and meal—														
Exports.....	short tons	25,702	39,829	56,060										
Production.....	short tons	319,695	388,018	387,573										
Stocks at mills, end of month.....	short tons	308,788	137,314	167,359										
Cottonseed oil, crude—														
Production.....	thous. of lbs.	218,949	271,345	270,412										
Stocks, end of month.....	thous. of lbs.	133,875	116,951	144,485										
Cottonseed oil, refined—														
Consumption, factory (quarterly)	thous. of lbs.													
In oleomargarine.....	thous. of lbs.	1,270	1,480	1,457										
Price, summer yellow, prime														
N. Y.....	dolls. per lb.	.040	.045	.047										
Production.....	thous. of lbs.	165,906	208,366	226,631										
Stocks, end of month.....	thous. of lbs.	581,583	231,760	346,559										
Flaxseed and products:														
Flaxseed—														
Imports, United States.....	thous. of bush.	437	1,468	1,234										
Minneapolis and Duluth—														
Receipts.....	thous. of bush.	1,548	1,452	1,026										
Shipments.....	thous. of bush.	1,700	924	1,159										
Stocks, end of month.....	thous. of bush.	2,109	1,422	1,605										
Oil mills—														
Consumption, quarterly.....	thous. of bush.													
Stocks, end of quarter.....	thous. of bush.													
Price, No. 1, Minn.....	dolls. per bush.	1.13	1.32	1.46										
Production, crop estimate.....	thous. of bush.	12,770												
Stocks, Argentina, end of month	thous. of bush.		1,772	1,378										
Linseed cake and meal—														
Exports.....	thous. of lbs.	22,116	49,027	42,782										
Shipments from Minneapolis	thous. of lbs.	11,367	14,354	18,019										
Linseed oil—														
Consumption, factory (quarterly)	thous. of lbs.													
Price, wholesale, N. Y.....	dolls. per lb.	.063	.073	.075										
Production (quarterly)	thous. of lbs.													
Shipments from Minneapolis	thous. of lbs.	4,849	4,410	4,125										
Stocks at factory, end of quarter	thous. of lbs.													
Oleomargarine:														
Consumption (tax-paid withdrawals)	thous. of lbs.	19,391	23,401	22,838										
Price, standard, uncolored, Chicago	dolls. per lb.	.095	.127	.133										
Production.....	thous. of lbs.	19,528	23,965	22,138										

* Revised.

As of Dec. 1

As of Nov. 1.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932			1931			1932					
	October	October	November	December	January	February	March	April	May	June	July	August

CHEMICALS AND ALLIED PRODUCTS—Continued

PAINTS														
Paints, varnish, and lacquer products:†														
Total sales (588 estab.).....thous. of dolls..	15,591	20,742	16,492	13,486	15,895	16,271	19,089	22,612	24,981	19,637	14,430	16,014	16,806	
Classified (315 estab.).....thous. of dolls..	10,605	13,956	11,419	9,555	10,871	11,256	11,309	13,330	14,660	13,419	9,852	10,763	11,197	
Industrial.....thous. of dolls..	3,997	5,370	4,453	4,478	4,697	4,626	4,499	4,639	4,866	4,685	3,793	3,852	3,981	
Trade.....thous. of dolls..	6,609	8,499	6,915	5,036	6,119	6,563	6,810	8,691	9,794	8,734	6,059	6,911	7,217	
Unclassified (273 estab.).....thous. of dolls..	4,986	6,786	5,074	3,931	5,024	5,025	7,780	9,282	10,321	6,218	4,578	5,251	5,608	
Plastic, cold-water paints, and calcimines:														
Sales—														
Calcimines.....dollars..	114,411	145,374	98,634	70,755	96,574	94,199	120,355	146,674	126,685	93,052	75,228	102,299	117,732	
Plastic paints.....dollars..	68,824	75,886	67,420	40,890	56,696	51,673	54,373	60,322	65,309	78,961	82,639	64,229	68,485	
Cold-water paints.....dollars..	47,344	65,275	52,170	43,492	52,566	56,935	71,232	72,546	67,990	59,870	45,281	54,028	48,150	
PYROXYLIN PRODUCTS														
Rods:														
Production*.....thous. of lbs..		205	120	107	145	159	132	81	86	79	65	142	155	
Shipments*.....thous. of lbs..		185	126	117	172	145	102	105	85	80	69	126	163	
Sheets:														
Production*.....thous. of lbs..		1,057	858	707	931	1,149	969	851	659	630	389	540	802	
Shipments*.....thous. of lbs..		1,195	935	997	890	928	846	744	665	573	541	691	941	
Tubes:														
Production*.....thous. of lbs..		58	40	22	57	44	69	30	23	26	12	14	29	
Shipments*.....thous. of lbs..		53	35	27	23	44	44	24	21	22	20	25	33	
ROOFING														
Dry roofing felt:														
Production.....short tons..	17,778	16,116	12,028	9,181	10,277	12,126	14,032	14,603	14,779	13,103	12,136	18,474	22,781	
Stocks, end of month.....short tons..	3,706	5,021	5,456	5,768	5,188	4,787	4,910	4,892	4,911	5,388	4,909	4,078	3,717	
Prepared roofing, shipments:														
Total.....thous. squares..	2,573	2,302	1,765	983	1,774	1,761	1,918	2,367	1,625	1,524	1,718	2,837	3,103	
Grit roll.....thous. squares..	630	574	374	197	390	425	503	634	381	374	396	672	764	
Shingles (all types).....thous. squares..	656	600	393	214	287	248	311	530	508	433	453	707	878	
Smooth roll.....thous. squares..	1,287	1,128	998	571	1,097	1,088	1,103	1,202	736	717	870	1,457	1,461	

ELECTRIC POWER AND GAS

ELECTRIC POWER													
Consumption, industrial, for power purposes. (See Business Indexes.)													
Fuel consumed in production of electrical energy. (See Fuels.)													
Production, total.....mills. of kw.-hours..	7,044	7,765	7,406	7,773	7,543	7,002	7,302	6,779	6,635	6,549	6,531	6,743	6,739
By source:													
Fuels.....mills. of kw.-hours..	4,329	5,706	5,299	5,064	4,447	4,026	4,202	3,651	3,618	3,868	3,848	4,163	4,310
Water power.....mills. of kw.-hours..	2,715	2,059	2,107	2,709	3,096	2,976	3,100	3,128	3,017	2,681	2,683	2,579	2,429
By type of producer:													
Central stations.....mills. of kw.-hours..		7,347	6,995	7,340	7,083	6,533	6,805	6,340	6,215	6,134	6,107	6,306	6,302
Street railways, manufacturing plants, etc.mills. of kw.-hours..		418	411	433	460	469	497	439	420	415	424	436	437
Sales of electrical energy:													
Sales to ultimate consumers, total (N. E. L. A.).....mills. of kw.-hours..		6,003	5,881	5,919	5,887	5,622	5,478	5,309	5,098	5,022	4,969	5,045	5,238
Domestic service.....mills. of kw.-hours..		974	1,078	1,156	1,252	1,124	1,037	998	912	869	854	838	911
Commercial—retail.....mills. of kw.-hours..		1,134	1,146	1,175	1,251	1,150	1,085	1,071	1,007	981	1,007	1,016	1,055
Commercial—wholesalemills. of kw.-hours..		3,205	2,969	2,830	2,629	2,640	2,637	2,605	2,580	2,617	2,550	2,617	2,698
Municipal and street lightingmills. of kw.-hours..		209	220	234	253	230	211	193	179	156	163	175	183
Railroads—													
Electrified steam.....mills. of kw.-hrs..		52	49	53	49	48	49	44	43	42	41	42	41
Street and interurban.....mills. of kw.-hrs..		370	363	401	399	379	408	353	334	314	309	311	305
Gross revenue from sales of energy (Electrical World).....thous. of dolls..	178,630	180,610	184,870	188,010	175,110	168,280	164,800	158,300	154,960	152,370	152,020	145,976	
Revenues from ultimate consumers (N. E. L. A.).....thous. of dolls..	164,972	168,617	171,802	174,990	164,206	157,142	153,364	146,308	143,396	140,986	140,256	145,976	
GAS													
Manufactured gas (150 companies):													
Customers, total.....thousands.....	8,910	8,888	8,828	8,808	8,790	8,763	8,777	8,734	8,750	8,668	8,639	8,651	8,651
Domestic.....thousands.....	8,446	8,420	8,358	8,329	8,315	8,294	8,309	8,269	8,295	8,220	8,195	8,203	8,203
House heating.....thousands.....	45	48	50	52	51	51	50	46	41	37	37	41	41
Industrial and commercial.....thousands.....	411	413	414	422	421	412	412	413	408	405	400	401	401
Sales, to consumers.....millions of cu. ft..	27,820	28,527	29,339	30,708	29,360	30,661	29,974	28,123	26,656	24,083	22,340	24,678	24,678
Domestic.....millions of cu. ft..	20,873	20,526	20,396	20,982	19,536	20,539	20,689	20,551	20,235	18,449	17,044	19,159	19,159
House heating.....millions of cu. ft..	532	1,344	2,236	2,861	2,899	3,186	2,625	1,260	436	203	150	186	186
Industrial and commercialmillions of cu. ft..	6,241	6,490	6,507	6,690	6,747	6,774	6,520	6,185	5,877	5,326	5,019	5,198	5,198
Revenues from sales to consumers													
.....thous. of dolls..	30,195	30,331	30,302	31,936	30,414	31,660	31,288	30,019	28,891	26,520	24,823	27,166	27,166
Domestic.....thous. of dolls..	24,291	23,611	23,299	24,092	22,514	23,590	23,858	23,677	23,436	21,666	20,249	22,393	22,393
House heating.....thous. of dolls..	447	1,055	1,650	2,054	2,052	2,210	1,796	940	351	81	137	164	164
Industrial and commercial.....thous. of dolls..	5,335	5,534	5,524	5,670	5,710	5,763	5,519	5,302	5,011	4,751	4,341	4,510	4,510
Natural gas (125 companies):													
Customers, total.....thousands.....	4,272	4,312	4,315	4,324	4,348	4,323	4,297	4,304	4,242	4,210	4,188	4,190	4,190
Domestic.....thousands.....	4,072	4,105	4,103	4,110	4,123	4,100	4,076	4,086	4,031	4,003	3,984	3,986	3,986
Industrial and commercial.....thousands.....	199	205	211	213	224	222	219	216	209	205	203	203	203
Sales to consumers.....millions of cu. ft..	37,628	43,908	52,024	54,805	52,226	51,739	46,754	37,256	33,033	29,193	29,242	31,668	31,668
Domestic.....millions of cu. ft..	13,662	19,924	27,647	30,940	29,278	29,051	25,377	18,288	13,709	10,898	10,076	10,838	10,838
Industrial and commercialmillions of cu. ft..	23,538	23,593	23,733	23,451	22,503	22,182	20,978	18,625	19,109	18,022	18,887	20,611	20,611
Revenues, from sales to consumers													
.....thous. of dolls..	15,276	19,250	24,404	26,441	25,853	24,889	22,158	17,606	14,495	12,369	11,942	12,654	12,654
Domestic.....thous. of dolls..	10,349	14,006	18,757	20,623	19,975	19,104	16,957	13,227	10,396	8,592	8,139	8,590	8,590
Industrial and commercial.....thous. of dolls..	4,876	5,153	5,579	5,754	5,779	5,689	5,136	4,335	4,066	3,742	3,763	4,023	4,023

† Since March, 1932, detailed figures are not strictly comparable owing to changes in firms reporting. * New series. Earlier data not published. ° Revised.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	October	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August	Septem- ber

FOODSTUFFS AND TOBACCO

DAIRY PRODUCTS														
Butter:														
Consumption, apparent.....	thous. of lbs.	182,926	187,114	160,638	171,991	157,136	156,087	170,544	176,700	223,862	202,381	197,104	202,714	187,723
Price, N. Y., wholesale (92 score).....	dolls. per lb.	.21	.34	.31	.31	.24	.22	.23	.20	.19	.17	.18	.20	.21
Production (factory).....	thous. of lbs.	119,327	121,052	112,002	121,054	119,324	117,684	127,268	136,556	182,659	186,997	158,608	144,506	* 124,012
Receipts, 5 markets.....	thous. of lbs.	39,720	43,857	44,925	47,194	48,895	49,071	50,140	49,915	75,552	71,712	57,333	52,082	43,022
Stocks, cold storage, creamery, end of month.....	thous. of lbs.	66,755	56,229	42,242	26,643	22,527	15,243	9,034	10,394	29,160	84,269	110,247	107,259	* 89,490
Cheese:														
Consumption, apparent.....	thous. of lbs.	45,529	50,202	42,519	37,257	38,014	42,174	45,072	44,258	53,146	46,783	41,030	45,243	44,885
Imports.....	thous. of lbs.	6,300	7,179	6,057	5,195	3,739	3,580	4,768	5,290	4,338	3,802	3,342	1,079	4,665
Price, No. 1 Amer. N. Y.....	dolls. per lb.	.13	.16	.15	.14	.13	.13	.13	.12	.12	.11	.12	.14	.14
Production (factory).....	thous. of lbs.	36,517	41,480	33,424	26,725	25,705	28,481	33,744	35,756	50,328	58,840	46,778	44,534	41,569
American whole milk.....	thous. of lbs.	27,584	29,218	22,849	18,735	21,017	21,732	26,514	28,685	38,731	46,216	36,519	34,192	* 31,089
Receipts, 5 markets.....	thous. of lbs.	13,329	13,588	10,569	9,304	11,361	12,075	11,760	10,764	13,972	15,731	16,492	14,856	12,771
Stocks, cold storage, end of month.....	thous. of lbs.	78,288	81,743	78,565	73,289	65,707	55,568	54,021	50,764	52,118	66,531	76,327	79,847	* 81,406
American whole milk.....	thous. of lbs.	66,807	63,968	60,583	55,775	49,388	41,712	36,782	38,951	40,461	53,922	63,667	66,721	* 68,555
Milk:														
Condensed and evaporated—														
Production—														
Condensed (sweetened).....	thous. of lbs.	17,982	24,263	18,274	17,763	18,599	17,260	17,200	21,476	21,802	22,501	16,692	21,403	16,954
Evaporated (unsweetened).....	thous. of lbs.	104,267	114,934	97,646	98,616	95,440	100,358	117,026	139,848	180,905	184,018	153,876	134,727	113,197
Exports—														
Condensed (sweetened).....	thous. of lbs.	583	1,180	1,443	1,233	2,310	1,404	922	1,169	1,619	614	656	542	570
Evaporated (unsweetened).....	thous. of lbs.	2,833	3,610	4,240	4,367	4,502	4,064	4,227	3,207	3,812	2,994	2,687	2,725	2,574
Prices, wholesale, N. Y.—														
Condensed (sweetened).....	dolls. per case	4.68	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.55	4.75	4.72	4.68
Evaporated (unsweetened).....	dolls. per case	2.25	3.00	3.00	3.00	2.98	2.98	2.80	2.75	2.57	2.45	2.33	2.25	2.25
Stocks, manufacturers, end of month—														
Condensed (sweetened).....	thous. of lbs.	8,191	10,032	8,607	7,929	8,275	7,931	6,928	7,629	8,865	13,856	12,634	12,308	* 10,541
Bulk goods.....	thous. of lbs.	16,302	17,264	15,130	12,506	9,145	7,467	7,573	9,532	15,246	19,986	21,447	20,537	18,672
Case goods.....	thous. of lbs.	146,204	129,802	139,844	132,011	127,883	116,859	101,388	117,687	164,421	212,431	225,897	190,912	176,197
Fluid milk—														
Consumption in oleomargarine.....	thous. of lbs.	4,646	6,142	5,625	5,948	5,106	4,265	4,671	4,107	3,512	2,890	2,781	3,792	4,054
Production, Minn. and St. Paul.....	thous. of lbs.	25,224	26,854	31,732	35,051	33,853	36,010	33,497	38,606	34,227	25,887	22,381	22,381	-----
Receipts—														
Boston, incl. cream.....	thous. qts.	19,558	18,529	19,028	19,267	18,337	20,247	19,450	20,715	19,766	20,017	19,799	18,354	-----
Greater New York.....	thous. qts.	121,940	116,628	118,763	120,474	113,126	121,809	115,230	121,766	119,444	121,116	118,806	-----	-----
Powdered milk—														
Exports.....	thous. of lbs.	178	970	712	725	261	251	279	599	390	221	310	316	256
Orders, net, new.....	thous. of lbs.	9,663	9,914	8,494	8,486	8,126	7,973	10,239	10,235	10,354	11,681	10,960	11,312	* 10,426
Stocks, migrs. end of mo.....	thous. of lbs.	20,004	23,572	23,305	24,198	25,969	25,546	24,576	23,603	23,929	26,226	27,918	24,918	* 21,785
FRUITS AND VEGETABLES														
Exports, fruits and preparations. (See Foreign trade.)														
Apples:														
Production, crop estimate.....	thous. of bush	138,976	-----	202,415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Shipments, car-lot.....	carloads	23,459	31,470	14,516	7,247	8,149	8,197	6,396	3,728	2,415	1,412	2,589	1,735	8,457
Stocks, cold storage, end of month.....	thous. of bbls.	-----	10,705	11,390	10,041	7,807	5,419	3,243	1,719	673	151	54	98	1,780
Citrus fruit, car-lot shipments.....	carloads	6,694	9,493	13,439	15,614	12,270	13,680	16,672	13,709	12,094	8,382	8,046	6,063	5,621
Onions, car-lot shipments.....	carloads	3,371	4,078	2,318	2,198	2,120	1,503	838	2,552	4,361	2,402	1,532	1,419	3,610
Potatoes:														
Price, white, N. Y.....	dolls. per 100 lbs.	.910	.965	1.040	1.142	1.198	1.181	1.347	1.195	1.086	.837	1.073	.921	.913
Production, crop estimate.....	thous. of bush	259,403	-----	375,518	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Shipments, car-lot.....	carloads	14,230	24,760	14,419	13,138	17,465	18,638	24,581	21,144	18,141	21,996	15,704	8,277	12,738
GRAINS														
Exports, principal grains, including flour and meal.....	thous. of bush	8,176	* 17,453	* 15,166	* 12,754	* 8,586	* 8,496	* 9,112	* 13,030	* 10,276	* 9,809	* 6,741	* 8,759	* 6,089
Barley:														
Exports, including malt.....	thous. of bush	1,244	768	234	276	129	113	188	212	673	465	812	995	1,028
Price, No. 2, Minn.....	dolls. per bush	.29	.50	.51	.51	.51	.52	.53	.51	.44	.35	.31	.31	.32
Production, crop estimate.....	thous. of bush	313,407	-----	198,185	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Receipts, principal markets.....	thous. of bush	4,685	2,079	1,531	1,202	1,156	1,156	2,041	1,711	1,226	922	888	6,037	4,631
Visible supply, end of month.....	thous. of bush	7,151	4,770	4,963	4,226	4,030	3,536	2,857	2,512	2,307	1,932	1,812	4,616	6,625
Corn:														
Exports, including meal.....	thous. of bush	1,915	256	508	120	177	291	220	511	311	653	381	697	312
Grindings.....	thous. of bush	5,856	6,318	6,348	4,630	5,130	5,344	5,045	4,687	4,920	4,552	4,552	5,165	5,981
Prices, wholesale—														
No. 3, yellow (Kansas City).....	dolls. per bush	.24	.40	.46	.39	.39	.36	.34	.34	.33	.35	.35	.33	.29
No. 3, white (Chicago).....	dolls. per bush	.26	.39	.43	.38	.37	.35	.33	.32	.32	.30	.32	.32	.30
Production, crop estimate.....	thous. of bush	2,920,688	-----	2,563,271	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Receipts, principal markets.....	thous. of bush	24,516	14,414	11,741	10,767	10,421	13,551	10,914	9,941	9,607	5,399	7,319	14,300	19,391
Shipments, principal markets.....	thous. of bush	12,444	7,211	4,884	4,346	3,603	2,921	2,916	5,836	6,686	5,684	9,100	5,280	11,177
Visible supply, end of month.....	thous. of bush	28,252	7,364	10,079	13,192	14,736	18,929	23,451	23,199	21,323	17,052	11,716	15,065	19,545
Oats:														
Exports, including oatmeal.....	thous. of bush	566	857	850	255	133	89	149	142	235	312	448	1,215	522
Price, No. 3, white, Chicago.....	dolls. per bush	.15	.23	.26	.25	.25	.24	.22	.23	.23	.21	.18	.17	.17
Production, crop estimate.....	thous. of bush	1,265,341	-----	1,112,037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Receipts, principal markets.....	thous. of bush	5,421	7,090	4,532	4,028	4,545	5,721	4,543	5,432	6,513	3,778	7,937	22,446	9,716
Visible supply, end of month.....	thous. of bush	28,532	18,605	17,863	16,710	16,846	17,808	15,523	13,506	11,323	10,174	13,307	27,259	29,042
Rice:														
Exports.....	pockets (100 lbs.)	163,347	322,302	380,658	193,200	148,002	203,622	263,495	357,561	315,541	261,230	235,032	133,209	101,676
Imports.....	pockets (100 lbs.)	6,287	9,397	11,859	34,081	32,111	15,663	26,565	23,886	10,319	9,360	3,440	2,378	6,231
Price, wholesale, head, clean, New Orleans.....	dolls. per lb.	.021	.026	.028	.030	.029	.027	.024	.022	.022	.023	.020	.020	.022
Production, crop estimate.....	thous. of bush	37,922	-----	45,226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

* New series. For earlier data see p. 20 of the November issue.

• Revised.

* As of Dec. 1.

† Bulk evaporated milk not included since December, 1931.

‡ As of Nov. 1.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931			1932								
	October	October	November	December	January	February	March	April	May	June	July	August	September
FOODSTUFFS AND TOBACCO—Continued													
GRAINS—Continued													
Rice—Continued.													
Receipts, southern paddy, at millsthous. of bbls. (162 lbs.)		1,810	1,408	632	569	734	812	544	703	343	223	421	
Shipments to mills, totalthous. of pockets (100 lbs.)		1,396	1,216	758	720	837	859	765	698	602	526	650	
New Orleans.....thous. of pockets (100 lbs.)	90	200	136	79	57	99	102	77	80	46	66	96	83
Stocks, domestic, end of monththous. of pockets (100 lbs.)		1,805	2,051	1,987	1,906	1,855	1,862	1,788	1,825	1,028	1,353	1,040	
Rye:													
Exports, including flour.....thous. of bush.	29	9	27	3	10	8	1	280	228	293	259	1	1
Price, No. 2, Minneapolis.....dolls. per bush.	.32	.41	.51	.45	.46	.46	.47	.45	.39	.32	.32	.34	.34
Production, crop estimate.....thous. of bush.	42,453			32,514									
Receipts, principal markets*.....thous. of bush.		1,208	707	374	350	296	548	396	882	344	353	1,458	991
Visible supply, end of month*.....thous. of bush.	8,485	10,376	10,431	10,365	10,085	10,006	10,124	9,493	9,416	9,368	8,955	9,052	8,700
Wheat:													
Exports—													
Wheat, including flour.....thous. of bush.	4,422	15,563	13,547	12,100	8,137	7,995	8,554	11,885	8,829	8,086	4,841	5,851	4,226
Wheat only.....thous. of bush.	2,656	11,873	9,519	7,896	4,074	4,649	5,749	9,354	7,283	6,088	3,208	3,899	2,479
Value, wheat and flour. (See Foreign Trade.)													
Prices, wholesale—													
No. 1, northern, spring, Minn.dolls. per bush.	.54	.71	.80	.73	.75	.75	.70	.71	.68	.60	.57	.58	.58
No. 2, red, winter, St. Louisdolls. per bush.	.50	.52	.62	.57	.57	.57	.55	.57	.56	.49	.47	.53	.54
No. 2, hard, winter, K. C.dolls. per bush.	.45	.48	.59	.52	.53	.54	.51	.53	.54	.46	.45	.48	.48
Weighted average, 6 markets, all gradesdolls. per bush.	.51	.58	.69	.60	.61	.59	.58	.60	.61	.53	.48	.55	.55
Production, crop estimate, totalthous. of bush.	771,707			894,204									
Spring wheat.....thous. of bush.	269,919			104,742									
Winter wheat.....thous. of bush.	441,788			789,462									
Receipts.....thous. of bush.	27,238	32,658	26,405	13,766	17,072	25,000	13,412	13,198	15,344	13,473	41,006	40,732	38,410
Shipments.....thous. of bush.	17,541	26,851	29,470	15,470	11,005	11,537	9,562	13,221	15,942	11,507	17,294	19,648	21,313
Stocks, visible supply, world.....thous. of bush.		529,100	541,400	608,900	631,600	612,100	595,800	529,700	488,200	444,800	408,200	423,600	497,500
Canada.....thous. of bush.	224,678	161,912	159,675	191,180	187,974	180,966	181,445	165,533	147,927	138,890	121,605	108,522	179,122
United States.....thous. of bush.	190,310	231,049	230,147	220,521	211,873	210,147	202,383	182,757	171,775	166,651	177,876	188,238	193,931
Stocks, held by mills (quarterly)thous. of bush.				129,994			95,119			77,936			154,037
Wheat flour:													
Consumption (computed).....thous. of bbls.		10,462	9,334	9,393	7,604	7,612	8,296	8,022	8,146	7,771	8,116	8,759	8,734
Exports.....thous. of bbls.		376	785	858	864	712	597	539	329	425	347	415	372
Grinding of wheat.....thous. of bush.	42,887	47,463	45,230	37,157	37,290	35,130	38,669	37,559	35,344	35,805	36,023	41,417	43,615
Prices, wholesale—													
Standard Patents, Minn.....dolls. per bbl.	3.92	4.28	4.84	4.51	4.59	4.61	4.37	4.49	4.43	4.16	4.02	4.16	4.14
Winter, straights, Kansas Citydolls. per bbl.	3.00	3.10	3.03	3.22	3.40	3.30	3.09	3.08	3.35	3.12	3.10	3.24	3.21
Production—													
Flour, actual (Census).....thous. of bbls.	9,383	10,399	9,891	8,148	8,180	7,622	8,483	8,197	7,739	7,820	7,828	9,005	9,395
Flour, prorated, total (Russell's)thous. of bbls.		11,112	10,167	8,890	8,788	8,084	8,913	8,631	8,330	8,056	8,473	9,207	9,551
Offal.....thous. of lbs.	762,512	828,114	789,737	645,812	645,881	610,366	671,853	659,666	616,696	627,064	631,452	731,368	752,259
Operations, per cent of total capacity	57	60	65	49	49	51	50	50	49	48	50	53	60
Stocks, total, end of month (computed)thous. of bbls.		6,060	5,975	4,577	5,120	4,880	4,900	4,975	4,830	4,690	4,700	5,155	5,900
Held by mills (quarterly).....thous. of bbls.				4,126			3,918			3,191			4,245
LIVESTOCK AND MEATS													
Total meats:													
Consumption, apparent.....mills. of lbs.	1,090	1,194	1,020	1,080	1,098	955	1,015	1,032	1,033	1,018	956	1,002	1,096
Exports, value of meats and fats. (See Foreign Trade.)													
Production (inspected slaughter)mills. of lbs.	1,059	1,125	1,085	1,352	1,301	1,183	1,052	1,083	1,094	1,000	910	955	1,038
Stocks, cold storage, end of month totalmills. of lbs.	542	506	523	736	875	1,035	1,011	1,012	1,020	938	844	751	637
Miscellaneous meats.....mills. of lbs.	37	49	51	66	69	76	66	60	60	55	52	45	40
Cattle and beef:													
Beef and veal—													
Consumption, apparent.....thous. of lbs.	381,134	449,043	343,245	379,927	380,079	340,516	372,060	386,406	369,054	375,236	354,023	364,867	404,826
Exports.....thous. of lbs.	796	1,604	1,189	1,046	1,202	883	902	926	1,827	1,211	1,332	1,130	1,018
Price, wholesale—													
Beef, fresh native steers, Chicagodolls. per lb.	.136	.156	.164	.157	.145	.130	.130	.128	.119	.118	.142	.144	.143
Production, inspected slaughterthous. of lbs.	389,873	446,798	349,598	393,399	377,068	339,915	366,403	379,758	362,834	369,524	350,521	360,441	404,123
Stocks, cold storage, end of monththous. of lbs.	35,478	34,407	39,158	53,199	51,285	51,107	46,346	41,226	35,655	29,909	26,719	24,376	25,909
Cattle and calves—													
Movement, primary markets—													
Receipts.....thous. of animals	1,896	2,137	1,866	1,453	1,376	1,281	1,377	1,376	1,397	1,338	1,291	1,606	1,689
Slaughter, local.....thous. of animals	962	1,033	905	908	876	841	886	879	895	875	783	924	916
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals	866	1,100	905	608	478	427	483	496	483	461	492	656	773
Stocker and feeder.....thous. of animals	479	582	487	246	130	110	125	138	135	105	149	280	390
Price, wholesale, cattle, corn fed, Chicagodolls. per 100 lbs.	8.09	9.25	10.20	9.34	8.97	7.98	7.61	7.51	6.89	7.38	8.61	8.73	8.96
Hogs and products:													
Hogs—													
Movement, primary markets—													
Receipts.....thous. of animals	2,691	3,462	3,752	4,210	4,218	3,659	2,939	2,960	3,050	2,545	2,159	2,405	2,505
Slaughter, local.....thous. of animals	1,830	2,142	2,297	2,806	2,707	2,464	1,968	2,024	2,188	1,773	1,445	1,658	1,739
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals	855	1,324	1,427	1,426	1,510	1,188	969	941	854	918	715	739	761
Stocker and feeder.....thous. of animals	23	72	62	40	35	37	30	28	31	26	22	21	21
Price, heavy, Chicago.....dolls. per 100 lbs.	3.64	5.41	4.64	4.22	3.91	3.77	4.22	3.75	3.26	3.70	4.86	4.23	4.12

* Revised.

* As of Dec. 1.

* As of Nov. 1

* New Series. For earlier data see p. 20 of the November issue.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931		1932							
	October	October	November	December	January	February	March	April	May	June	July	August

FOODSTUFFS AND TOBACCO—Continued

LIVESTOCK AND MEATS—Continued

Hogs and products—Continued.													
Port, including lard—													
Consumption, apparent.....thous. of lbs.	647,963	679,011	620,021	639,966	653,596	558,845	585,935	586,533	609,273	587,485	551,136	579,170	628,785
Exports, total.....thous. of lbs.	62,827	56,134	48,224	75,954	69,020	75,728	51,659	45,955	53,657	57,634	48,722	42,815	53,500
Lard.....thous. of lbs.	53,573	43,547	35,205	65,598	59,854	66,674	43,200	36,014	41,084	45,330	34,886	34,973	44,789
Prices—													
Hams, smoked, Chicago.....dolls. per lb.	.126	.182	.172	.153	.138	.147	.144	.142	.136	.130	.131	.141	.137
Lard, prime contract, N. Y.....dolls. per lb.	.048	.080	.071	.060	.055	.052	.051	.048	.043	.044	.054	.055	.054
Production, inspected slaughter, total.....thous. of lbs.	607,951	611,172	678,452	898,597	860,315	786,802	629,420	644,271	676,267	575,327	509,181	536,291	571,426
Lard.....thous. of lbs.	112,063	116,124	125,859	174,090	171,331	164,152	130,158	129,091	137,816	124,753	103,411	102,679	105,696
Stocks, cold storage, end of mo.....thous. of lbs.	466,521	420,661	431,387	614,530	752,581	905,320	897,832	910,071	923,969	852,634	764,670	679,453	568,909
Fresh and cured.....thous. of lbs.	432,163	380,895	396,563	563,306	674,151	812,459	792,197	799,064	795,866	722,271	643,052	578,876	498,253
Lard.....thous. of lbs.	34,358	39,766	34,824	51,224	78,430	92,861	105,635	111,007	128,103	130,363	121,618	100,577	70,656
Sheep and lambs:													
Lamb and mutton—													
Consumption, apparent.....thous. of lbs.	60,547	66,436	56,499	59,683	64,275	55,997	56,574	59,049	54,868	55,256	50,419	58,415	62,129
Production, inspected slaughter.....thous. of lbs.	61,449	66,546	56,545	60,047	63,934	55,851	56,040	58,876	54,847	55,268	50,438	58,713	62,823
Stocks, cold storage, end of mo.....thous. of lbs.	2,874	1,975	1,985	2,318	1,947	1,784	1,222	1,061	1,018	1,010	1,012	1,305	1,983
Movement, primary markets—													
Receipts.....thous. of animals	3,265	3,956	2,811	2,182	2,363	2,035	2,115	2,412	2,429	2,428	2,240	2,919	3,239
Slaughter, local.....thous. of animals	1,340	1,497	1,281	1,305	1,381	1,233	1,185	1,269	1,360	1,338	1,199	1,447	1,330
Slaughter, inspected. (See Leather and leather products.).....thous. of animals	1,900	2,471	1,520	919	988	796	922	1,155	1,072	1,087	1,040	1,457	1,892
Shipments, total.....thous. of animals	803	1,181	655	182	124	80	77	143	100	172	181	460	535
Prices, wholesale—													
Ewes, Chicago.....dolls. per 100 lbs.	1.50	1.63	2.00	2.00	2.06	2.98	3.25	2.75	1.50	1.53	1.50	1.88	1.63
Lambs, Chicago.....dolls. per 100 lbs.	5.05	5.70	4.98	4.89	5.09	5.38	5.79	5.81	5.18	5.75	5.91	5.03	5.03
Poultry and eggs:													
Eggs—													
Receipts, 5 markets.....thous. of cases	738	722	578	652	936	1,090	1,435	1,917	1,971	1,496	1,082	1,035	853
Case, cold storage, end of month—													
Case.....thous. of cases	3,207	5,745	3,447	1,475	663	258	689	2,982	5,380	6,339	6,431	5,060	4,895
Frozen.....thous. of lbs.	74,014	94,816	86,407	79,198	72,439	68,024	68,870	81,920	94,978	100,485	99,112	92,967	84,187
Poultry—													
Receipts, 5 markets.....thous. of lbs.	32,140	30,377	64,731	76,149	25,197	20,530	19,169	15,499	18,763	20,460	18,476	21,751	24,739
Stocks, cold storage, end of mo.....thous. of lbs.	55,082	65,668	89,971	116,700	111,554	96,422	74,660	56,676	44,829	36,661	31,471	30,305	36,683

TROPICAL PRODUCTS

Cocoa:													
Imports.....long tons	19,642	8,152	8,288	16,343	16,641	29,285	37,244	15,971	10,617	7,304	9,515	7,989	20,213
Price, spot, Accra, N. Y.....dolls. per lb.	.0428	.0475	.0494	.0425	.0432	.0422	.0455	.0445	.0435	.0419	.0447	.0475	.0488
Shipments, Gold Coast and Nigeria.....long tons	22,220	7,256	23,080	44,588	52,105	49,330	25,614	16,020	7,075	8,445	13,256	10,808	9,481
Coffee:													
Clearances from Brazil, total.....thous. of bags	1,339	1,485	1,529	1,507	1,270	1,097	1,098	1,315	1,263	865	520	612	798
To United States.....thous. of bags	657	805	870	818	823	646	622	803	735	448	207	301	385
Imports into United States.....thous. of bags	923	907	936	1,203	1,220	1,149	1,220	793	1,056	1,079	671	601	782
Price, Rio No. 7, N. Y.....dolls. per lb.	.088	.088	.063	.070	.071	.072	.073	.077	.084	.081	.079	.085	.094
Receipts at ports, Brazil.....thous. of bags	1,155	1,711	2,319	2,138	1,580	1,769	1,721	1,762	1,564	1,229	885	814	926
Stocks, world total, incl. interior of Brazil.....thous. of bags		35,046	36,093	37,246	37,260	37,115	37,159	36,158	36,456				
Visible supply, total excl. interior of Brazil.....thous. of bags	5,415	6,127	6,322	6,419	6,244	5,852	5,620	5,556	5,751	5,468	5,292	5,152	4,975
United States.....thous. of bags	624	1,510	1,299	1,387	1,359	1,340	1,219	937	877	990	765	643	596
Sugar:													
Raw sugar—													
Cuban movement—													
Exports.....long tons	138,350	134,336	146,102	156,714	18,242	25,111	97,589	244,391	82,502	134,691	190,983	291,832	84,873
Receipts at Cuban ports.....long tons	89,029	97,725	101,278	101,544	88,595	263,549	491,685	234,461	55,107	111,874	106,496	141,147	76,992
Stocks, total, end of month.....thous. long tons	1,838	2,130	1,931	1,737	1,799	2,422	3,422	3,202	3,155	2,922	2,666	2,195	2,038
United States—													
Meltings, 8 ports.....long tons	288,162	328,310	231,746	283,570	246,324	267,038	345,753	208,362	306,072	381,681	354,665	352,652	394,975
Price, wholesale, 96° centrifugal, New York.....dolls. per lb.	.032	.034	.034	.032	.031	.029	.028	.026	.026	.028	.030	.032	.031
Receipts—													
From Hawaii and Pto. Rico.....long tons	87,802	82,063	53,741	39,191	93,141	172,797	184,041	196,949	226,859	160,147	150,815	141,275	107,743
Imports.....long tons	151,139	186,928	135,308	177,460	196,150	264,675	330,891	312,857	229,812	154,269	189,193	326,859	220,721
Stocks at refineries, end of mo.....long tons	256,180	245,694	187,552	181,363	182,257	263,659	396,514	514,273	483,487	433,151	380,430	393,734	313,670
Refined sugar—													
Exports, including maple.....long tons	3,538	4,304	3,598	2,607	3,365	4,143	4,031	3,178	5,538	5,345	3,713	2,788	2,526
Price, retail, gran. N. Y.....dolls. per lb.	.049	.052	.052	.051	.051	.051	.049	.048	.045	.045	.046	.048	.048
Price, wholesale, gran. N. Y.....dolls. per lb.	.041	.045	.044	.042	.041	.041	.040	.039	.037	.037	.040	.041	.042
Shipments, 2 ports.....long tons	46,070	48,208	41,538	51,378	44,745	38,655	51,153	55,679	67,923	179,040	76,649	75,990	51,423
Stocks, end of month, 2 ports.....long tons	39,560	33,047	34,486	31,220	32,239	30,684	31,641	37,132	46,173	92,279	39,903	38,011	39,327
Tea:													
Imports.....thous. of lbs.	9,353	10,271	7,813	7,748	10,028	6,394	7,465	5,774	4,566	7,277	6,278	8,004	9,405
Price, wholesale, Formosa, fine, N. Y.....dolls. per lb.	.175	.225	.225	.217	.215	.215	.203	.185	.185	.163	.175	.175	.175

MISCELLANEOUS PRODUCTS

Candy sales by manufacturers.....thous. of dolls.	21,219	25,877	24,686	25,203	19,520	19,334	19,364	16,340	14,877	12,533	9,098	14,076	21,255
Fish:													
Landings, fresh fish, principal ports.....thous. of lbs.													
Salmon, canned, shipments.....cases	33,069	24,947	20,808	14,155	15,749	20,318	31,888	26,301	27,083	24,737	26,998	31,847	31,265
Stocks, total, cold storage, 15th of month.....thous. of lbs.	539,277	429,818	433,132	444,588	484,335	331,413	128,329	264,107	378,040	453,062	1,014,716	1,098,118	
.....thous. of lbs.	63,167	73,144	74,725	72,362	64,478	50,661	35,534	26,061	28,655	34,304	41,306	51,345	59,209

* Revised.

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	October	October	November	December	January	February	March	April	May	June	July	August

FOODSTUFFS AND TOBACCO—Continued

TOBACCO													
Leaf:													
Exports.....thous. of lbs.	59,103	49,170	58,386	56,585	25,047	31,218	29,437	32,875	30,195	30,840	26,762	24,257	42,419
Imports, unmanufactured.....thous. of lbs.	2,247	4,288	7,899	14,004	14,200	8,680	5,321	6,340	2,823	2,242	2,421	1,695	1,614
Production, crop estimate.....thous. of lbs.	1,024,200			1,600,910									
Stocks, total, including imported types (quarterly).....mills. of lbs.				2,013			2,374			2,239			2,095
Flue-cured, fire-cured, and air-cured mills. of lbs.				1,612			1,858			1,715			1,605
Cigar types.....mills. of lbs.				321			412			427			403
Manufactured products:													
Consumption (tax-paid withdrawals)—													
Small cigarettes.....mills.	8,351	8,956	7,850	7,295	8,963	7,680	8,447	7,562	8,685	10,560	9,534	9,559	9,311
Large cigars.....thousands.	436,832	534,371	477,458	304,531	342,924	347,729	355,382	349,953	368,553	400,406	361,240	401,143	405,419
Manufactured tobacco and snuff thous. of lbs.	28,847	31,139	27,935	25,813	30,883	29,417	31,444	30,781	27,810	30,678	26,733	31,303	31,693
Exports, cigarettes.....thousands.	159,743	191,835	238,793	240,727	190,823	232,348	211,210	186,194	268,304	177,959	195,923	204,493	227,354
Prices, wholesale—													
Cigarettes.....dolls. per 1,000.	6.042	6.042	6.042	6.042	6.042	6.042	6.042	6.042	6.042	6.042	6.042	6.042	6.042
Cigars.....dolls. per 1,000.	48.683	49.247	49.247	49.247	49.247	49.247	49.247	49.247	49.249	49.249	49.247	49.135	48.685

FUELS AND BY-PRODUCTS

COAL													
Anthracite:													
Exports.....thous. of long tons.	112	157	125	113	96	87	136	105	92	62	100	82	112
Prices—													
Retail, composite, chestnut dolls. per short ton.	13.58	14.97	14.96	14.97	14.97	14.95	14.45	13.46	13.11	13.17	13.16	13.28	13.52
Wholesale, composite, chestnut [†] dolls. per short ton.	10.909	11.738	11.738	11.755	11.759	11.759	11.068	10.539	10.515	10.491	10.341	10.541	10.774
Production.....thous. of short tons.	5,234	6,551	4,141	4,671	3,897	4,019	4,789	5,629	3,278	2,550	3,021	3,465	4,108
Shipments.....thous. of short tons.	4,758	5,818	3,718	4,210	3,418	3,630	4,384	5,014	2,901	2,227	2,778	3,050	3,964
Stocks, in storage.....thous. of short tons.	2,261	3,167	3,314	3,073	2,741	2,265	1,794	1,733	1,906	2,076	2,081	2,250	2,263
Stocks, in yards of dealers, end of month no. of days' supply.		60		54				51		52			60
Bituminous:													
Consumption—													
Coke plants.....thous. of short tons.	2,618	3,616	3,442	3,354	3,172	3,018	3,158	2,810	2,588	2,284	2,257	2,190	2,203
Electric power plants.....thous. of short tons.		3,452	3,221	3,116	2,863	2,608	2,732	2,334	2,262	2,348	2,340	2,516	2,556
Railroads.....thous. of short tons.		5,776	5,290	5,314	5,234	4,980	5,444	4,703	4,366	3,965	3,976	4,057	
Vessels, bunker.....thous. of long tons.	98	183	134	99	93	122	89	93	110	110	104	109	100
Exports.....thous. of long tons.	1,012	1,078	1,150	521	389	386	408	550	662	667	708	858	833
Price, retail composite, 38 cities dolls. per short ton.	7.60	8.22	8.23	8.19	8.17	8.14	8.01	7.85	7.60	7.53	7.50	7.52	7.54
Prices, wholesale—													
Composite, mine run.....dolls. per short ton.	3.613	3.703	3.705	3.701	3.699	3.701	3.692	3.669	3.640	3.624	3.628	3.617	3.596
Prepared sizes (composite) dolls. per short ton.	3.643	3.954	3.962	3.950	3.953	3.929	3.798	3.629	3.599	3.604	3.569	3.554	3,568
Production.....thous. of short tons.	32,677	35,700	30,110	30,260	27,892	28,013	32,250	20,300	18,384	17,749	17,857	22,489	26,314
Stocks, consumers, end of month thous. of short tons.		36,100		35,500	32,700		30,050	27,200		26,300			27,500
COKE													
Exports.....thous. of long tons.	63	50	41	28	22	29	42	43	25	53	61	87	60
Price, furnace, Connellsville dolls. per short ton.	2.05	2.45	2.38	2.34	2.30	2.25	2.25	2.25	2.21	2.13	2.12	2.08	2.08
Production:													
Beehive.....thous. of short tons.	68	93	98	82	88	86	87	56	45	41	38	41	46
By-product.....thous. of short tons.	1,730	2,389	2,276	2,234	2,101	1,996	2,089	1,883	1,743	1,537	1,523	1,474	1,544
Petroleum.....thous. of short tons.	155	159	168	168	145	141	146	149	159	145	153	150	150
Stocks, end of month:													
By-product plants.....thous. of short tons.	4,028	4,214	4,290	4,322	4,179	3,839	3,473	3,566	3,615	3,742	3,975	4,221	4,223
Petroleum, refinery.....thous. of short tons.	1,434	1,473	1,499	1,512	1,460	1,440	1,436	1,520	1,554	1,537	1,544	1,515	1,484
PETROLEUM AND PRODUCTS													
Crude petroleum:													
Consumption (run to stills).....thous. of bbls.	66,698	76,083	71,639	72,721	68,715	63,814	68,502	71,131	74,669	72,327	71,455	67,271	63,913
Imports.....thous. of bbls.	2,455	4,106	3,604	4,315	2,047	4,708	4,840	7,691	5,088	7,869	1,525	1,862	1,893
Price, Kansas-Oklahoma.....dolls. per bbl.	860	560	710	710	710	710	710	823	860	860	860	860	860
Production.....thous. of bbls.	65,219	73,079	72,851	73,174	66,884	62,484	67,189	67,717	68,523	64,835	66,310	66,220	65,036
Refinery operations.....per ct. of capacity.	61	65	64	64	60	60	61	67	67	67	65	61	60
Stocks, end of month—													
California—													
Heavy crude and fuel oil.....thous. of bbls.	95,457	93,493	93,673	93,274	93,033	92,869	92,155	92,249	92,940	93,605	94,256	94,895	95,048
Light crude.....thous. of bbls.	39,996	41,519	41,777	42,114	42,431	42,311	42,259	42,547	42,737	40,938	40,405	40,149	40,367
East of California, total.....thous. of bbls.	305,709	319,906	320,788	322,566	320,201	320,577	323,395	322,867	319,552	316,995	312,130	309,011	307,523
Refineries.....thous. of bbls.	39,329	36,705	36,566	36,546	36,594	38,085	40,211	42,222	45,277	47,403	44,641	43,287	40,507
Tank farms and pipe lines.....thous. of bbls.	266,380	283,201	284,222	286,020	283,607	282,492	283,184	280,645	274,275	269,592	267,489	265,724	267,016
Wells completed.....number.	825	705	874	744	643	575	670	793	968	993	1,279	1,145	913
Mexico—													
Exports.....thous. of bbls.		1,553	1,409	1,833	1,392	1,890	2,557	3,523	1,843	2,178	1,482	1,577	
Production.....thous. of bbls.		2,359	2,350	2,654	2,869	2,761	2,968	2,925	2,925	2,705	2,506	2,463	2,514
Venezuela—													
Exports.....thous. of bbls.	7,764	9,639	8,984	9,101	9,087	8,546	9,049	11,004	11,260	10,313	8,394	8,124	8,087
Production.....thous. of bbls.	9,171	9,440	9,535	9,922	9,589	8,994	9,998	10,481	10,648	10,579	9,551	9,430	8,803
Refined products:													
Gas and fuel oils—													
Consumption—													
Electric power plants.....thous. of bbls.	716	707	722	783	664	607	596	522	547	631	691	740	767
Railroads.....thous. of bbls.		3,554	3,344	2,899	3,388	3,025	3,211	3,003	2,963	2,825	2,855	2,703	2,898
Vessels, bunker.....thous. of bbls.	2,916	3,643	3,060	3,447	3,031	3,136	3,500	3,436	3,243	3,714	3,248	3,066	3,350
Price, fuel oil, Oklahoma, 24-26 refineries dolls. per bbl.	.470	.338	.350	.338	.325	.335	.350	.438	.435	.410	.400	.415	.42

† Price converted to short-ton basis.

• Revised.

• As of Dec. 1.

† As of Nov. 1.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932							
	October	October	Novem-ber	Decem-ber	January	Febru-ary	March	April	May	June	July	August	Septem-ber

FUELS AND BY-PRODUCTS—Continued

PETROLEUM AND PRODUCTS—Con.														
Refined products—Continued.														
Gas and fuel oil—Continued.														
Production—														
Residual fuel oil*	thous. of bbls.	17, 113	21, 346	20, 632	20, 476	19, 239	17, 978	19, 575	19, 766	20, 030	19, 105	19, 526	17, 793	17, 403
Gas oil and distillate fuels*	thous. of bbls.	6, 382	6, 669	6, 346	6, 461	6, 291	5, 609	6, 353	5, 738	5, 890	5, 207	5, 191	5, 519	5, 665
Stocks—														
Residual fuel oil, east of California*	thous. of bbls.	18, 495	20, 887	20, 469	18, 526	16, 059	13, 623	12, 078	11, 607	12, 396	13, 477	15, 408	16, 971	17, 905
Gas oil and distillate fuels, total*	thous. of bbls.	23, 494	23, 906	24, 965	24, 056	23, 568	23, 008	22, 018	22, 920	24, 237	24, 807	26, 353	26, 829	26, 000
Gasoline—														
Consumption	thous. of bbls.	32, 255	35, 051	30, 640	30, 529	26, 196	25, 344	29, 451	30, 488	31, 571	38, 766	31, 317	35, 207	33, 645
Exports	thous. of bbls.	2, 213	3, 325	3, 723	2, 540	3, 300	2, 721	2, 901	3, 568	4, 418	3, 369	2, 200	2, 260	2, 569
Exports, value. (See Foreign Trade.)														
Price, wholesale—														
Drums, delivered, N. Y.	dolls. per gall.	.144	.143	.143	.128	.123	.123	.135	.143	.140	.130	.135	.139	.150
Refinery, Oklahoma	dolls. per gall.	.047	.038	.047	.032	.032	.036	.041	.053	.052	.054	.051	.050	.046
Price, retail, service station, 50 cities														
	dolls. per gall.		.123	.129	.129	.130	.130	.132	.136	.137	.142			
Production—														
At natural gas plants	thous. of bbls.	2, 924	3, 345	3, 405	3, 476	3, 342	3, 148	3, 198	3, 102	3, 079	2, 812	2, 812	2, 819	2, 793
At refineries	thous. of bbls.	33, 212	38, 030	35, 792	35, 563	33, 007	31, 265	31, 789	33, 093	34, 599	33, 312	33, 705	32, 883	30, 908
Retail distribution (41 States)														
	millis. of galls.		1, 059	957	880	801	752	855	947	952	1, 097	967	1, 062	
Stocks, end of month—														
At natural gas plants	thous. of bbls.	576	524	641	645	809	875	947	1, 061	1, 054	812	757	616	586
At refineries	thous. of bbls.	32, 207	34, 615	36, 786	37, 445	41, 501	46, 719	46, 950	46, 624	45, 246	38, 526	38, 959	36, 700	32, 806
Kerosene—														
Consumption	thous. of bbls.	3, 115	3, 042	2, 906	3, 358	2, 612	2, 798	3, 067	3, 292	2, 814	2, 128	1, 854	2, 279	2, 581
Exports	thous. of bbls.	944	1, 267	1, 206	640	1, 184	734	876	578	858	1, 068	858	998	1, 081
Price, 150° water white, refinery, Pa.														
	dolls. per gall.	.048	.039	.041	.044	.046	.045	.044	.046	.052	.051	.050	.049	.048
Production	thous. of bbls.	3, 463	3, 701	3, 815	3, 713	3, 798	3, 200	3, 525	3, 762	4, 092	3, 523	3, 629	3, 497	3, 449
Stocks, end of month	thous. of bbls.	5, 465	5, 924	5, 618	5, 332	5, 304	4, 971	4, 539	4, 417	4, 812	5, 134	6, 033	6, 247	6, 018
Lubricating oil—														
Consumption	thous. of bbls.	1, 143	1, 639	1, 211	1, 366	1, 413	1, 190	1, 724	1, 587	1, 535	3, 054	1, 011	951	932
Price, cylinder oil, refinery, Pa.														
	dolls. per gall.	.108	.200	.181	.164	.153	.161	.167	.163	.174	.178	.180	.177	.159
Production	thous. of bbls.	1, 713	2, 267	2, 164	2, 049	2, 092	1, 984	1, 946	1, 910	2, 036	2, 290	1, 958	1, 587	1, 648
Stocks, refinery, end of month	thous. of bbls.	8, 289	9, 113	9, 422	9, 485	9, 551	9, 747	9, 355	9, 139	8, 809	7, 323	7, 991	7, 965	8, 182
Other products—														
Asphalt—														
Imports	thous. of short tons	1	1	0	0	1	1	2	0	2	7	2	1	1
Production	thous. of short tons	229	314	210	132	131	130	181	211	250	255	234	232	239
Stocks, refinery, end of month	thous. of short tons	248	276	277	302	308	313	351	391	414	409	386	298	292
Coke. (See Coke.)														
Wax—														
Production	thous. of lbs.	31, 360	46, 200	46, 760	45, 360	43, 680	48, 440	47, 040	36, 680	39, 760	36, 400	31, 640	38, 920	36, 680
Stocks, refinery, end of month	thous. of lbs.	188, 637	189, 167	183, 938	171, 220	178, 082	176, 674	182, 974	184, 486	194, 973	198, 526	202, 023	206, 461	200, 581

LEATHER AND PRODUCTS

HIDES AND SKINS														
Imports, total hides and skins	thous. of lbs.	16, 703	25, 856	20, 492	16, 712	18, 015	17, 159	18, 644	18, 579	16, 786	17, 366	10, 174	8, 617	8, 545
Calf and kip skins	thous. of lbs.	2, 829	3, 164	2, 327	2, 739	2, 658	2, 175	2, 092	2, 474	1, 869	2, 575	2, 867	2, 691	3, 337
Cattle hides	thous. of lbs.	6, 871	10, 846	9, 473	4, 261	5, 209	7, 115	6, 167	6, 406	5, 138	4, 120	1, 007	1, 238	985
Goatskins	thous. of lbs.	4, 183	5, 533	4, 783	3, 879	4, 399	3, 632	4, 611	5, 948	6, 082	6, 126	3, 432	2, 009	2, 106
Sheep and lamb skins	thous. of lbs.	1, 464	4, 472	2, 333	3, 481	3, 755	2, 697	4, 009	2, 282	2, 544	3, 081	1, 760	1, 625	1, 011
Livestock, inspected slaughter:														
Calves	thous. of animals	389	407	355	388	347	360	420	428	399	394	324	362	366
Cattle	thous. of animals	694	781	614	686	653	583	633	650	616	638	614	633	718
Hogs	thous. of animals	3, 605	3, 772	4, 218	5, 387	5, 027	4, 590	3, 664	3, 714	3, 940	3, 320	2, 802	1, 579	3, 252
Sheep	thous. of animals	1, 601	1, 804	1, 505	1, 581	1, 679	1, 439	1, 428	1, 497	1, 444	1, 529	1, 384	2, 970	1, 667
Prices, wholesale:														
Packers, heavy native steers, Chicago														
	dolls. per lb.	.073	.077	.082	.078	.076	.066	.064	.050	.043	.043	.049	.066	.081
Calfskins, No. 1 country, Chicago														
	dolls. per lb.	.082	.083	.085	.078	.074	.065	.069	.058	.045	.046	.049	.063	.076
LEATHER														
Sole and belting:														
Exports (sole only)	thous. of lbs.	130	531	309	280	213	188	242	259	172	125	160	155	137
Price, oak, scoured backs (Boston)														
	dolls. per lb.	.29	.35	.32	.32	.32	.33	.33	.31	.28	.27	.27	.27	.28
Upper leather:														
Exports	thous. of sq. ft.	5, 807	7, 926	9, 718	6, 418	6, 550	8, 094	4, 982	5, 828	5, 483	4, 346	4, 528	4, 715	6, 162
Price, wholesale, composite, chrome, calf, black "B" grade														
	dolls. per sq. ft.	.252	.330	.323	.320	.298	.290	.285	.270	.250	.241	.238	.243	.250
LEATHER MANUFACTURES														
Gloves and mittens:														
Production (cut), total	dozen pairs.	317, 767	233, 394	243, 948	129, 569	112, 004	135, 060	147, 622	127, 794	100, 402	110, 979	99, 806	156, 121	223, 879
Dress and street	dozen pairs.	132, 222	134, 768	112, 061	69, 781	55, 908	69, 067	75, 310	64, 169	43, 535	47, 618	50, 965	77, 989	104, 471
Work	dozen pairs.	185, 546	98, 626	131, 887	59, 788	56, 096	65, 993	72, 412	63, 625	56, 867	57, 361	48, 841	78, 132	119, 408
Shoes:														
Exports	thous. of pairs.	67	136	136	113	58	71	94	93	84	60	42	76	58
Prices, wholesale—														
Men's black calf blucher,														
	dolls. per pair.	5. 75	6. 55	6. 31	6. 25	5. 75	5. 75	5. 75	5. 75	5. 75	5. 75	5. 75	5. 75	5. 75
Men's black calf oxford, lace,														
	dolls. per pair.	3. 85	4. 35	4. 35	4. 35	4. 25	4. 25	4. 25	4. 25	4. 25	4. 05	3. 85	3. 85	3. 85
Women's colored calf, Goodyear welt, ox-														
	dolls. per pair.	3. 35	3. 75	3. 75	3. 50	3. 50	3. 50	3. 50	3. 50	3. 50	3. 43	3. 35	3. 35	3. 35

* Revised.

* New series. Breakdown of figures previously shown.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932							
	October	October	November	December	January	February	March	April	May	June	July	August	September
LEATHER AND PRODUCTS—Continued													
LEATHER MANUFACTURES—Contd.													
Shoes—Continued.													
Production, total.....thous. of pairs..	32,974	25,381	18,518	19,556	21,225	25,958	30,676	25,946	22,497	23,562	20,442	a30,785	33,885
Men's.....thous. of pairs..	8,036	6,129	5,107	5,354	5,176	5,853	6,644	5,343	5,424	5,851	5,135	a6,822	7,886
Boys' and youths'.....thous. of pairs..	1,990	1,776	1,449	1,485	1,423	1,490	1,663	1,270	1,112	1,183	1,181	1,613	1,846
Women's.....thous. of pairs..	11,149	8,133	3,864	5,419	8,233	10,560	12,343	9,636	7,528	7,884	7,825	a13,670	13,644
Misses' and children's.....thous. of pairs..	3,020	2,105	1,854	2,579	2,824	3,413	3,883	3,410	2,469	2,527	2,173	a2,598	3,023
Slippers, all types.....thous. of pairs..	5,918	4,717	4,317	2,642	1,109	1,678	2,253	2,266	2,382	2,601	2,220	a3,426	4,688
All other footwear.....thous. of pairs..	2,861	2,521	1,927	2,077	2,460	2,964	3,890	4,021	3,582	3,516	1,907	a2,656	2,798

LUMBER AND MANUFACTURES

LUMBER													
Exports, all types*.....M ft. b. m. . .	79,639	86,639	79,442	90,146	85,424	66,275	63,838	75,080	78,024	73,145	63,917	55,189	65,267
Retail movement:													
Retail yards, 9th Fed. Res. Dist.—													
Sales.....M ft. b. m. . .	6,730	9,255	6,379	2,932	2,808	1,723	2,379	4,124	5,207	6,609	5,867	6,703	6,484
Stocks, end of month.....M ft. b. m. . .	58,329	68,318	65,480	63,374	64,928	66,638	68,575	69,025	68,381	66,826	65,402	63,216	60,992
Retail yards, 10th Fed. Res. Dist.—													
Sales.....M ft. b. m. . .	2,411	3,481	2,599	1,697	1,593	1,402	1,842	2,159	1,743	1,751	1,922	2,319	2,429
Stocks, end of month.....M ft. b. m. . .	28,683	35,207	34,718	34,183	33,458	33,054	33,028	32,553	32,366	31,965	31,460	30,247	29,294
Flooring													
Maple, beech, and birch:													
Orders—													
New.....M ft. b. m. . .	1,920	2,760	3,368	2,342	1,742	2,203	2,210	1,925	2,030	2,457	2,117	2,893	3,179
Unfilled, end of month.....M ft. b. m. . .	4,793	3,778	4,851	5,083	4,911	5,072	4,648	4,268	4,102	4,317	3,946	4,022	5,102
Production.....M ft. b. m. . .	1,718	2,812	2,797	3,027	2,272	2,570	3,424	2,646	2,179	2,598	1,264	1,067	1,545
Shipments.....M ft. b. m. . .	2,031	2,703	2,481	1,928	1,759	2,061	2,496	2,200	2,325	2,281	2,264	2,816	2,402
Stocks, end of month.....M ft. b. m. . .	19,025	20,042	20,216	21,438	21,511	21,588	22,702	22,940	22,852	22,898	22,216	20,212	19,145
Oak:													
Orders—													
New.....M ft. b. m. . .	10,371	15,973	13,526	16,676	17,537	8,150	10,442	12,090	11,147	9,130	7,120	16,508	13,506
Unfilled, end of month.....M ft. b. m. . .	14,259	15,589	14,334	17,987	22,251	19,189	15,864	15,753	12,444	9,355	6,683	12,599	13,359
Production.....M ft. b. m. . .	10,574	19,299	15,744	13,457	4,098	7,968	13,101	12,091	11,683	10,334	6,977	11,008	11,087
Shipments.....M ft. b. m. . .	10,657	18,203	13,907	12,976	11,673	11,359	13,360	12,555	12,939	10,253	7,699	11,626	11,739
Stocks, end of month.....M ft. b. m. . .	50,418	67,103	68,293	67,748	60,781	56,201	57,521	56,066	52,598	51,336	51,143	53,067	53,729
Hardwoods													
Hardwoods (Southern and Appalachian districts):													
Total—													
Orders—													
New.....mill. ft. b. m. . .	113	131	131	105	120	105	113	105	101	90	83	114	154
Unfilled, end of month.....mill. ft. b. m. . .	256	374	370	367	356	315	292	272	270	242	267	265	250
Production.....mill. ft. b. m. . .	68	105	105	86	68	83	90	101	98	94	71	59	68
Shipments.....mill. ft. b. m. . .	128	135	128	109	120	124	116	113	109	98	86	102	135
Stocks, total, end of month.....mill. ft. b. m. . .	2,323	2,915	2,893	2,854	2,791	2,734	2,671	2,648	2,622	2,610	2,550	2,498	2,319
Unsold stocks.....mill. ft. b. m. . .	2,066	2,542	2,524	2,487	2,434	2,419	2,379	2,376	2,351	2,368	2,323	2,234	2,069
Gum—													
Orders, unfilled, end of month.....mill. ft. b. m. . .	65	91	92	84	80	69	70	69	68	62	61	73	63
Stocks, total, end of month.....mill. ft. b. m. . .	481	607	595	560	549	532	528	528	536	546	532	538	487
Unsold stocks.....mill. ft. b. m. . .	416	516	504	476	470	473	463	460	468	484	471	466	424
Oak—													
Orders, unfilled, end of month.....mill. ft. b. m. . .	69	85	85	95	87	76	64	64	67	57	52	76	83
Stocks, total, end of month.....mill. ft. b. m. . .	624	827	813	805	775	748	710	705	703	699	683	661	667
Unsold stocks.....mill. ft. b. m. . .	554	742	728	711	688	673	646	641	636	643	631	585	585
Northern hardwoods—													
Production.....M ft. b. m. . .		2,617	3,517	6,382	8,220	9,900	8,258	4,767	2,196	2,421	1,683	1,538	-----
Shipments.....M ft. b. m. . .		15,378	12,690	12,137	12,435	11,892	10,451	7,896	6,735	8,490	6,732	7,138	-----
Softwoods													
Fir, Douglas:													
Exports—													
Lumber.....M ft. b. m. . .	24,809	36,714	29,549	29,448	41,785	21,362	18,786	22,344	19,326	24,603	19,221	18,276	21,035
Timber.....M ft. b. m. . .	23,647	21,874	19,007	20,737	21,468	13,324	26,437	24,150	18,233	7,377	8,546	18,172	14,453
Orders—													
New.....M ft. b. m. . .	112,360	151,305	135,637	115,046	125,789	112,360	114,150	106,540	107,883	104,750	106,540	116,836	153,543
Unfilled, end of month.....M ft. b. m. . .	76,100	81,472	105,197	85,501	113,703	111,017	101,168	62,671	71,176	60,432	57,747	81,024	119,074
Prices, wholesale—													
No. 1 common.....dolls. per M ft. b. m. . .	8.93	11.21	11.23	11.09	11.40	10.25	9.90	9.52	9.63	8.61	9.37	8.66	8.96
Flooring, 1 x 4, "B" and better.....dolls. per M ft. b. m. . .	21.22	25.63	24.35	23.51	22.84	22.49	21.87	22.42	21.72	20.50	20.64	20.02	20.60
Production.....M ft. b. m. . .	113,255	149,962	115,941	102,511	99,378	115,941	102,511	102,511	99,826	88,634	79,681	89,977	96,244
Shipments.....M ft. b. m. . .	128,923	162,049	126,684	113,703	118,227	96,244	115,941	122,656	112,360	111,464	95,797	105,645	111,464
Hemlock, northern:													
Production.....M ft. b. m. . .		3,928	3,581	3,028	3,443	3,940	3,983	1,682	889	1,567	388	1,302	-----
Shipments.....M ft. b. m. . .		7,811	6,366	4,461	4,682	3,465	4,352	4,579	4,931	6,587	5,412	5,507	-----
Pine, northern:													
Orders, new.....M ft. b. m. . .	8,792	8,957	7,079	7,673	7,284	7,812	7,477	6,543	6,286	10,428	5,046	7,605	6,824
Production.....M ft. b. m. . .	3,336	1,396	0	0	0	0	0	2,267	6,689	4,406	2,234	3,809	2,628
Shipments.....M ft. b. m. . .	9,783	9,657	7,837	5,572	7,401	8,829	8,264	8,588	7,969	11,788	5,826	6,657	6,482
Pine, southern:													
Exports—													
Lumber.....M ft. b. m. . .	24,781	20,895	18,425	25,793	16,457	20,039	20,105	22,905	27,288	21,634	23,985	19,224	21,460
Timber.....M ft. b. m. . .	6,902	5,017	4,056	8,636	3,931	3,668	4,320	9,836	4,772	8,921	6,173	3,695	5,621
Orders—													
New.....M ft. b. m. . .	144,316	134,757	111,307	72,751	105,553	119,329	126,728	110,397	102,802	95,947	90,715	149,149	134,018
Unfilled, end of month.....M ft. b. m. . .	74,958	58,464	62,013	50,925	60,837	73,773	76,668	62,475	61,740	43,572	45,724	79,847	81,645
Price, flooring.....dolls. per M ft. b. m. . .	17.75	26.49	26.31	26.31	25.16	22.74	21.22	20.91	19.60	19.52	18.35	17.05	17.86
Production.....M ft. b. m. . .	113,467	117,241	110,803	77,749	79,979	88,727	104,114	106,224	100,303	90,634	83,239	91,241	80,181
Shipments.....M ft. b. m. . .	154,329	142,254	108,668	73,059	99,001	117,478	122,706	116,963	101,528	99,619	94,038	125,056	127,280

* Data for October and December, 1931; April, July, and October, 1932, are for 5 weeks; other months, 4 weeks.

* New series. See p. 20 of November, 1932, issue for earlier data.

* Revised.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1931				1932							
	October	October	Novem-ber	Decem-ber	January	Febru-ary	March	April	May	June	July	August

LUMBER AND MANUFACTURES—Continued

LUMBER—Continued													
Softwoods—Continued													
Redwood, California:													
Orders—													
New..... M ft. b. m.	15,415	18,636	16,383	11,079	17,133	17,555	18,999	17,053	14,887	12,300	10,791	13,990	15,866
Unfilled..... M ft. b. m.	22,798	20,485	21,229	17,138	21,932	23,987	24,374	24,043	22,153	18,456	19,334	19,943	23,247
Production..... M ft. b. m.	11,101	15,931	14,436	14,684	13,616	12,202	14,523	12,292	10,702	11,329	8,057	11,023	10,829
Shipments..... M ft. b. m.	15,636	17,055	15,333	15,025	13,077	14,984	17,545	16,545	16,326	14,857	9,470	12,862	11,921
FURNITURE													
Household:													
Grand Rapids district—													
Orders—													
Canceled..... per cent of new orders..	9.0	8.5	6.5	8.0	5.0	14.0	9.0	17.0	18.0	8.0	4.0	6.5	7.5
New..... no. days' production..	11	14	15	11	16	11	9	7	6	6	11	10	14
Unfilled, end of month..... no. days' production..	9	11	13	12	17	13	10	7	7	7	10	10	11
Outstanding accounts, end of month..... no. days' sales..	27	38	35	31	32	33	29	26	21	19	21	21	27
Plant operations..... per cent of full time..	78.0	83.0	72.0	56.5	68.0	73.0	59.0	54.0	42.0	58.0	38.0	53.5	73.0
Shipments..... no. days' production..	12	17	12	11	11	13	11	7	6	6	7	9	12
Southeastern district—													
Orders, unfilled, end of month..... dolls., average per firm.....	22,100	16,268	14,469	24,278	18,469	15,427	11,388	10,213	8,820	20,850	23,799	26,788	26,788
Shipments..... dolls., average per firm.....	64,122	35,388	23,519	33,632	46,304	37,944	30,959	25,814	20,106	20,684	36,325	40,252	40,252
Prices, wholesale—													
Beds..... 1926=100..	64.4	73.1	73.1	73.1	70.3	68.8	68.8	68.8	68.6	68.6	64.4	64.4	64.4
Dining-room chairs, set of 6..... 1926=100..	89.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	89.5	89.5	89.5	89.5	89.5
Kitchen cabinets..... 1926=100..	91.4	100.1	100.1	100.1	95.3	95.3	95.3	95.3	95.3	95.3	91.4	78.4	91.4
Living-room davenport..... 1926=100..	69.8	82.0	82.0	74.2	74.2	74.2	74.2	69.8	69.8	69.8	69.8	69.8	69.8
Steel furniture. (See Iron and Steel Section.)													

METALS AND MANUFACTURES

IRON AND STEEL													
Foreign trade, iron and steel:													
Exports..... long tons..	41,226	59,335	59,556	57,263	40,660	40,492	49,927	58,118	80,477	52,081	52,558	32,955	36,038
Imports*..... long tons..	33,693	29,406	34,634	25,812	31,053	26,738	41,031	36,339	39,751	34,494	18,005	23,623	29,241
Price, iron and steel, composite..... dolls. per long ton..	24.32	30.81	30.61	30.32	29.98	29.56	29.62	29.75	29.62	29.54	29.48	29.33	29.32
Sales, iron, steel, and heavy hardware..... 1921=100..	86	109	91	81	68	70	78	88	83	79	72	80	81
Ore													
Iron ore:													
Consumption by furnaces..... thous. of long tons..	735	1,451	1,311	1,230	1,154	1,174	1,256	1,040	918	731	645	607	697
Imports..... thous. of long tons..	16	70	94	90	89	77	46	90	80	80	17	25	19
Receipts—													
Lake Erie ports and furnaces..... thous. of long tons..	614	2,029	457	0	0	0	0	0	39	116	470	619	549
Other ports..... thous. of long tons..	230	1,162	277	0	0	0	0	26	79	105	78	88	172
Shipments from mines..... thous. of long tons..	927	3,094	421	0	0	0	0	44	111	234	640	722	641
Stocks, total, end of month..... thous. of long tons..	32,457	39,767	39,232	38,010	36,893	35,742	34,491	33,479	32,700	32,159	32,059	32,164	32,324
At furnaces..... thous. of long tons..	27,234	33,687	33,184	32,136	31,083	29,975	28,774	27,962	27,167	26,784	26,701	26,896	27,083
Lake Erie docks..... thous. of long tons..	5,223	6,080	6,048	5,874	5,810	5,767	5,717	5,517	5,533	5,375	5,298	5,268	5,241
Manganese ore, imports (manganese content)..... thous. of long tons..	0	21	9	8	17	3	2	14	2	4	3	3	0
Iron, Crude and Semimanufactures													
Castings, gray-iron:													
Orders—													
New..... av. tons per foundry..	69	86	55	58	66	69	60	80	56	50	54	61	71
Unfilled, end of month..... av. tons per foundry..	52	67	48	40	56	55	59	64	49	48	44	51	58
Production..... av. tons per foundry..	78	96	77	69	70	71	69	67	77	65	56	65	78
Receipts (materials)..... av. tons per foundry..	103	116	87	72	103	82	77	76	85	90	72	83	96
Stocks (materials)..... av. tons per foundry..	237	243	225	215	248	240	258	266	252	258	242	217	231
Castings, malleable:													
Orders, new..... short tons..	13,049	18,558	18,971	19,811	22,033	19,709	18,046	17,630	17,297	13,512	8,881	7,992	10,768
Production..... short tons..	12,586	20,444	17,984	21,503	22,216	21,578	19,597	16,758	17,430	15,143	9,703	7,038	10,168
Per cent of capacity.....	13.8	20.4	18.3	21.5	23.5	23.1	20.5	18.0	18.7	16.3	10.7	7.7	10.9
Shipments..... short tons..	11,926	17,802	18,336	20,206	21,572	21,325	21,337	18,328	18,953	16,503	11,554	8,879	9,778
Pig iron:													
Furnaces in blast, end of month—													
Capacity..... long tons per day..	20,170	36,530	35,810	29,335	30,630	32,880	29,135	27,730	22,965	18,955	17,525	16,225	19,205
Number.....	49	70	67	56	61	64	60	60	53	46	46	42	47
Prices, wholesale—													
Basic (valley furnace)..... dolls. per long ton..	13.50	15.25	15.00	15.00	15.00	14.63	14.50	14.50	14.20	14.00	13.50	13.50	13.50
Composite pig iron..... dolls. per long ton..	14.73	16.23	16.02	15.86	15.55	15.36	15.26	15.20	15.05	14.93	14.85	14.81	14.74
Foundry, No. 2, northern (Pitts.)..... dolls. per long ton..	16.39	18.39	17.76	17.46	17.36	17.02	16.89	16.89	16.59	16.39	16.39	16.39	16.39
Production..... thous. of long tons..	645	1,173	1,103	980	973	964	967	853	784	628	572	531	593
Iron, Manufactured Products													
Cast-iron boilers and radiators:													
Boilers, gas-fired—													
Production..... thous. of B. t. u..	87,771	105,181	75,683	55,602	131,871	77,122	41,824	23,904	12,416	16,820	37,732	58,786	100,732
Shipments, quantity..... thous. of B. t. u..	94,748	247,732	146,023	83,230	54,274	57,113	64,691	61,706	57,723	48,281	49,406	76,235	91,465
Shipments, value..... dollars..	97,193	270,880	147,698	83,494	44,848	55,970	57,571	62,025	55,874	60,321	47,751	79,831	81,844
Stocks, end of month..... thous. of B. t. u..	531,238	842,371	740,613	705,124	770,108	783,264	760,398	707,537	666,109	615,225	613,533	591,220	555,483

* Revised.

† Imports from Cuba not included.

*New series. For earlier data see p. 20 of November, 1932, issue.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932						
	October	October	November	December	January	February	March	April	May	June	July	August

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued													
Iron, Manufactured Products—Cont.													
Cast-iron boilers and radiators—Continued													
Boilers, range—													
Orders—													
New.....number of boilers..	50,206	46,680	37,427	26,066	40,816	36,059	40,250	40,148	44,406	35,853	26,337	30,592	38,867
Unfilled, end of month, total.....number of boilers..	8,370	7,023	7,520	6,992	8,790	7,466	6,327	6,437	7,890	9,224	5,304	6,585	6,900
Delivery, 30 days or less.....number of boilers..	6,917	5,423	6,309	6,092	7,240	5,760	4,789	4,787	5,974	5,993	3,260	4,952	5,290
Delivery, more than 30 days.....number of boilers..	1,453	1,600	1,211	900	1,550	1,706	1,448	1,650	1,916	3,231	2,044	1,633	1,610
Production.....number of boilers..	47,869	51,769	37,918	32,862	32,975	36,883	40,738	38,458	42,957	34,922	31,906	28,638	36,838
Shipments.....number of boilers..	48,736	50,127	36,930	26,743	39,018	37,383	41,479	39,948	42,953	34,519	30,257	29,311	38,552
Stocks, end of month.....number of boilers..	23,492	25,617	26,605	33,464	27,421	26,921	26,180	24,694	24,694	25,097	26,746	20,073	24,359
Boilers, round—													
Production.....thous. of lbs.	6,502	5,228	3,159	4,317	4,466	3,931	2,559	2,392	1,881	1,680	2,225	3,648	
Shipments.....thous. of lbs.	13,923	8,497	5,094	3,035	2,857	2,891	2,308	2,685	2,799	3,240	3,891	6,225	
Stocks, end of month.....thous. of lbs.	41,257	36,872	35,411	36,036	36,846	38,026	38,308	37,920	37,239	35,794	34,273	31,963	
Boilers, square—													
Production.....thous. of lbs.	19,751	11,741	7,964	14,246	15,179	15,733	12,984	5,874	6,140	9,142	9,734	13,793	
Shipments.....thous. of lbs.	31,479	19,137	12,193	8,275	7,300	8,037	6,315	6,868	8,181	9,276	13,653	19,113	
Stocks, end of month.....thous. of lbs.	113,226	106,617	101,777	108,388	115,244	122,630	128,690	128,241	126,505	120,826	123,174	118,280	
Boiler fittings, cast iron:													
Production.....short tons..	3,187	5,475	5,381	3,621	2,861	2,206	2,052	1,678	1,863	1,760	1,455	1,655	2,426
Shipments.....short tons..	3,954	7,638	4,778	3,564	3,852	3,195	2,552	2,919	3,189	2,908	2,029	2,665	3,461
Boiler fittings, malleable:													
Production.....short tons..	2,128	2,973	2,412	1,620	1,602	1,464	1,133	1,243	1,526	1,267	1,274	1,229	1,743
Shipments.....short tons..	2,027	3,610	2,026	1,609	1,627	1,518	1,344	1,262	1,925	1,622	1,503	1,537	2,215
Radiators:													
Production, thous. of sq. ft. heating surface.....	7,292	5,560	3,489	4,867	5,185	5,027	3,070	1,857	1,894	1,388	1,975	2,751	
Shipments, thous. of sq. ft. heating surface.....	11,282	8,465	5,627	3,257	2,683	2,412	2,367	2,726	2,917	3,392	4,340	5,331	
Stocks, end of month.....thous. of sq. ft. heating surface.....	36,798	34,388	32,225	33,681	36,153	38,856	39,586	38,748	37,868	35,935	33,688	31,270	
Radiators, convection type:													
New orders—													
Heating elements only, without cabinets or grilles.....thous. of sq. ft. heating surface.....					75	95	78	80	61	97	81	155	
Heating elements, including cabinets and grilles.....thous. of sq. ft. heating surface.....					257	212	191	209	218	191	196	165	
Sanitary Ware													
Bathroom accessories:													
Production.....number of pieces..	160,503	128,131	72,399	61,304	101,403	77,100	51,922	62,500	43,340	49,265	35,269	57,686	
Shipments.....number of pieces..	193,890	108,155	68,933	66,078	87,335	74,823	69,452	70,765	57,407	48,806	56,444	64,731	
Stocks, end of month.....number of pieces..	786,580	806,556	825,659	820,939	841,285	841,230	824,636	814,937	803,896	797,919	776,744	778,185	
Plumbing brass. (See Nonferrous metals)													
Plumbing and heating equipment, wholesale price (8 pieces)*.....dollars..	193.28	223.23	221.43	221.12	216.00	194.97	191.69	191.78	191.33	190.97	192.96	192.31	192.57
Porcelain enameled flatware:													
Orders, new, total.....dollars..	461,907	706,284	465,431	451,740	537,926	453,141	567,804	532,439	519,270	451,430	349,456	366,279	412,119
Signs.....dollars..	157,678	206,012	159,107	224,287	234,015	207,824	261,356	236,565	216,077	202,098	148,089	131,644	123,861
Table tops.....dollars..	123,484	205,756	110,963	83,656	97,300	72,821	94,843	78,238	60,377	87,486	52,011	75,650	94,831
Shipments, total.....dollars..	461,087	692,415	492,242	512,019	381,607	461,070	578,134	546,255	528,084	474,987	406,066	422,250	453,808
Signs.....dollars..	146,812	182,077	168,489	268,259	141,231	187,287	279,656	230,164	222,803	206,666	193,279	175,715	159,400
Table tops.....dollars..	121,222	201,935	123,939	88,218	94,926	76,662	93,174	84,497	91,527	96,276	54,218	83,075	101,582
Porcelain plumbing fixtures:													
Orders—													
New, net.....number of pieces..	2,788	3,142	2,918	2,025	2,000	1,424	2,072	1,244	1,465	1,960	2,079	3,217	3,628
Unfilled, end of month.....number of pieces..	3,747	5,887	6,072	4,832	3,766	3,548	2,571	3,379	3,289	3,141	3,240	3,455	3,980
Shipments.....number of pieces..	2,900	3,683	2,547	2,094	2,961	1,631	1,748	1,275	1,519	1,789	1,878	2,991	3,021
Stocks, end of month.....number of pieces..	14,580	21,957	19,597	17,992	16,715	16,328	16,117	16,309	16,302	15,324	15,036	14,479	13,560
Vitreous china plumbing fixtures:													
Orders—													
New, net.....number of pieces..	87,587	182,938	135,931	96,004	76,119	70,918	89,048	116,036	103,406	100,969	80,890	98,156	77,424
Unfilled, end of month.....number of pieces..	87,601	188,969	199,009	192,863	156,753	136,593	140,020	141,423	128,994	118,837	109,923	109,297	91,738
Shipments.....number of pieces..	91,724	155,404	125,891	102,150	112,229	91,078	85,619	114,633	115,833	111,126	92,751	98,782	84,908
Stocks, end of month.....number of pieces..	486,470	506,901	501,972	522,721	524,131	536,245	570,727	560,152	539,692	523,324	520,194	512,697	504,039
Woodwork, plumbers':													
Orders—													
New, net.....number of pieces..	93,536	100,275	100,194	99,791	84,514	78,293	80,726	80,226	92,254	112,636	77,247	95,232	141,736
Unfilled, end of month.....number of pieces..	76,462	89,409	88,895	88,150	79,233	79,027	74,732	75,548	69,355	81,288	80,112	70,669	77,443
Shipments.....number of pieces..	95,910	111,422	100,708	100,536	83,431	78,499	84,776	85,643	98,447	100,703	78,423	104,675	134,962
Stocks, end of month.....number of pieces..	117,661	191,933	190,034	201,837	167,562	166,779	161,985	158,860	149,500	145,224	140,272	135,110	118,921
Steel: Crude and Semimanufactured													
Bars, steel, cold finished, shipments, short tons..													
12,209	13,034	12,182	13,808	15,457	12,810	9,901	11,818	14,406	13,144	13,431	7,229	9,572	
Castings, steel:													
Orders, new, total.....short tons..													
11,833	22,854	20,001	20,799	17,344	17,015	16,588	12,801	11,342	12,765	9,301	10,147	11,883	
Railroad specialties.....short tons..	2,997	6,961	7,169	6,936	4,279	3,400	4,005	2,889	2,843	1,971	1,908	1,531	3,337
Per cent of capacity.....	8	16	14	14	12	11	9	8	9	6	7	8	
Production, total.....short tons..													
12,480	24,113	23,139	22,064	18,456	18,759	20,464	17,474	14,463	12,839	11,460	12,331	11,337	
Railroad specialties.....short tons..	2,616	7,366	7,009	6,166	4,666	4,265	4,370	3,895	3,010	2,379	2,609	2,465	2,520
Per cent of capacity.....	9	17	16	15	13	13	14	12	10	9	8	8	
Ingots, steel:													
Production.....thous. of long tons..	1,069	1,590	1,592	1,301	1,459	1,458	1,409	1,238	1,106	897	793	832	975
Per cent of capacity.....	19	28	30	24	26	27	24	22	20	16	15	14	17
Prices, wholesale:													
Composite, finished steel.....dolls. per lb.	.0216	.0218	.0218	.0216	.0211	.0211	.0217	.0217	.0217	.0217	.0217	.0217	.0216
Steel billets, Bessemer (Pittsburgh).....dolls. per long ton.	26.00	29.00	29.00	28.80	27.75	27.00	27.00	27.00	27.00	26.50	26.00	26.00	26.00
Structural steel beams (Pittsburgh).....dolls. per lb.	.0160	.0160	.0160	.0160	.0151	.0153	.0156	.0160	.0160	.0160	.0160	.0160	.0160
Steel scrap, Chicago.....dolls. per gross ton..	6.00	8.00	8.00	7.80	7.50	7.16	7.13	7.00	6.40	5.69	4.88	5.75	6.25
U. S. Steel Corporation:													
Earnings, net.....thous. of dolls.		1,690	1,249	1,032			^d 1,137		^d 3,363				^d 4,475
Orders, unfilled, end of month.....thous. of long tons..	1,997	3,119	2,934	2,735	2,648	2,546	2,472	2,327	2,177	2,035	1,966	1,970	1,985

* Revised.

* New series. Earlier data not published.

^d Deficit for quarter.

[†] In equivalent direct radiation.

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	October	October	Novem-ber	Decem-ber	January	Febru-ary	March	April	May	June	July	August

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued													
Steel: Manufactured Products													
Barrels, steel:													
Orders, unfilled, end of month													
Production.....thous. of barrels..	475	638	549	620	925	1,176	1,139	1,029	978	791	730	617	613
Per cent of capacity.....	30.2	35.3	32.7	27.9	26.2	25.3	31.3	31.3	30.0	45.0	24.6	26.0	28.4
Shipments.....number of barrels..	417,470	492,145	444,201	385,435	352,135	369,882	453,621	452,191	432,455	654,561	353,336	360,509	398,241
Stocks, end of month.....number of barrels..	37,500	34,704	44,050	35,179	42,729	40,319	38,992	34,180	35,817	33,172	32,450	34,934	32,333
Boilers, steel, new orders:													
Area.....thous. of sq. ft..	232	435	401	383	267	245	373	236	245	322	351	291	467
Quantity.....number of boilers..	379	644	471	399	282	204	264	239	263	328	329	403	443
Furniture, steel:													
Business group—													
Orders—													
New.....thous. of dolls..	577	1,114	910	911	967	751	794	689	634	655	554	574	551
Unfilled, end of mo.....thous. of dolls..	491	826	780	615	605	548	562	497	478	462	493	524	536
Shipments.....thous. of dolls..	622	1,078	956	1,075	977	808	781	754	653	672	522	543	578
Shelving—													
Orders—													
New.....thous. of dolls..	144	304	267	295	267	212	265	192	152	187	114	125	97
Unfilled, end of month.....thous. of dolls..	181	378	419	273	272	255	260	261	217	226	185	169	176
Shipments.....thous. of dolls..	142	310	226	299	269	229	259	191	196	177	155	141	146
Safes—													
Orders—													
New.....thous. of dolls..	94	184	187	183	167	220	166	157	120	102	116	129	97
Unfilled, end of month.....thous. of dolls..	200	264	238	189	225	279	209	215	220	180	207	219	214
Shipments.....thous. of dolls..	108	222	212	210	131	165	237	150	115	143	89	118	102
Lock washers, shipments.....thous. of dolls..	52	85	80	81	121	115	99	92	102	78	58	43	50
Plate, fabricated steel, new orders,													
total.....short tons..	16,737	20,839	18,268	16,442	17,613	17,755	12,564	14,074	11,788	18,383	12,485	11,916	11,109
Oil storage tanks.....short tons..	5,941	1,955	1,755	778	4,783	4,115	1,161	1,406	2,360	2,808	3,661	4,394	3,753
Sheets, black, blue, galvanized, and full finished:													
Orders—													
New.....short tons..	94,656	117,195	102,867	99,706	121,258	108,441	101,559	103,011	91,414	85,191	66,301	66,132	78,925
Unfilled, end of month.....short tons..	90,707	159,367	147,169	119,677	126,508	118,022	102,171	99,510	85,228	85,195	77,432	81,283	86,570
Production, total.....short tons..	108,111	122,739	102,758	101,570	118,921	124,157	110,559	101,559	96,180	85,232	60,956	57,417	89,817
Per cent of capacity.....	28.7	33.1	26.7	26.3	31.2	32.5	29.0	26.6	25.8	22.8	16.3	15.3	23.9
Shipments.....short tons..	92,424	129,365	94,975	103,400	112,971	116,715	117,685	104,637	106,893	90,157	73,191	61,284	75,490
Stocks, end of month, total.....short tons..	105,833	137,243	133,296	126,540	119,288	124,342	124,008	116,339	121,366	121,946	114,518	107,680	107,624
Unsold stocks.....short tons..	60,257	70,465	74,763	80,191	73,540	72,857	68,677	71,318	74,966	74,642	68,450	58,651	58,797
Structural steel, fabricated:													
Orders, new.....short tons..	74,400	109,200	90,800	97,600	48,400	62,000	64,400	64,800	90,800	86,800	69,200	78,800	111,200
Per cent of capacity.....	19	27	23	24	12	16	16	16	23	22	17	20	23
Shipments.....short tons..	86,400	143,600	111,600	122,800	65,600	78,000	82,400	68,400	73,600	83,200	83,600	85,600	90,800
Per cent of capacity.....	22	36	28	31	16	20	21	17	18	21	21	21	23
Tin and terne plate:*													
Production.....thous. of long tons..	88	89	88	95	81	77	93	99	93	93	83	75	77
Track work, production.....short tons..	1,245	2,162	1,948	2,373	2,936	2,765	3,229	3,340	3,061	1,975	1,890	1,797	1,430
MACHINERY AND APPARATUS													
Air-conditioning equipment:													
Orders, new, total.....thous. of dolls..	739	1,576	1,387	1,108	753	703	688	709	795	997	578	546	632
Air-washer group.....thous. of dolls..	48	98	85	75	30	69	67	92	111	267	48	35	38
Fan group.....thous. of dolls..	360	630	642	514	361	388	383	386	414	452	332	290	334
Unit-heater group.....thous. of dolls..	331	848	660	519	363	246	239	230	270	278	198	221	260
Electric overhead cranes:													
Orders—													
New.....thous. of dolls..	31	73	44	70	65	56	52	31	47	61	13	37	67
Unfilled, end of month.....thous. of dolls..	222	497	435	372	383	396	411	397	396	425	422	401	414
Shipments.....thous. of dolls..	42	157	102	138	40	57	37	46	48	30	18	51	61
Electrical equipment. (See Nonferrous met-als.)													
Electric hoists:													
Orders, new—													
Quantity.....no. of hoists..	69	165	104	140	82	143	168	137	96	116	49	78	63
Value.....dollars..	26,829	71,451	48,243	59,907	32,921	53,188	76,179	47,751	32,379	39,409	17,371	34,627	25,259
Shipments.....dollars..	31,810	62,493	65,714	48,045	36,332	58,011	69,073	50,557	41,798	43,693	15,685	28,099	33,122
Exports, machinery. (See Foreign Trade.)													
Foundry equipment:													
Orders—													
New.....1922-1924=100.....		45.9	17.2	26.3	20.5	32.9	27.9	13.8	18.5	14.2	18.7	18.6	11.9
Unfilled, end of month.....1922-1924=100.....		56.8	40.8	36.5	29.1	41.3	32.1	24.4	19.7	23.1	25.8	15.2	17.6
Shipments.....1922-1924=100.....		26.2	32.9	24.9	28.8	15.7	38.3	21.4	24.5	11.1	16.5	29.8	10.2
Fuel equipment:													
Oil burners—													
Orders—													
New.....no. of burners..	10,608	13,542	5,852	3,566	3,570	3,432	4,055	4,250	4,899	4,371	4,688	7,319	10,823
Unfilled, end of month.....no. of burners..	282	1,177	616	378	305	369	468	512	544	473	568	647	717
Shipments.....no. of burners..	11,043	14,234	6,413	3,804	3,643	3,368	3,956	4,206	4,867	4,442	4,593	7,240	10,753
Stocks, end of month.....no. of burners..	6,845	8,326	8,860	9,190	9,574	9,724	9,399	9,334	10,067	10,137	9,850	9,645	8,298
Pulverized fuel equipment—													
Orders, new, central system—													
Furnaces and kilns.....no. of pulverizers..	0	0	0	0	0	0	0	0	0	0	0	0	0
Water-tube boilers.....no. of pulverizers..	0	1	0	0	0	0	0	0	0	0	0	0	0
Orders, new, unit system—													
Fire-tube boilers.....no. of pulverizers..	0	2	0	1	0	0	4	0	4	4	0	1	0
Furnaces and kilns.....no. of pulverizers..	0	0	0	2	2	0	0	0	0	0	0	0	0
Water-tube boilers.....no. of pulverizers..	10	1	5	2	7	12	2	4	3	12	7	5	3

* Revised.

* New series. For earlier date see p. 20.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932						
	October	October	November	December	January	February	March	April	May	June	July	August

METALS AND MANUFACTURES—Continued

MACHINERY AND APPARATUS—Con.														
Fuel equipment—Continued.														
Stokers, mechanical, new orders—														
Class 1, Residential.....	number	1,299	1,307	886	447	275	338	313	286	293	312	432	757	1,248
Class 2, Apartment and small commercial *.....	number	167	226	183	85	37	49	33	23	33	43	44	143	200
Class 3, General commercial and small commercial heaters *.....	number	102	144	88	248	23	29	30	29	16	14	46	85	100
Class 4, Large commercial*—	number	117	285	206	139	115	89	83	95	69	113	114	137	163
Horsepower.....		20,819	50,023	32,071	24,553	34,242	16,777	25,066	14,909	12,689	25,096	25,068	26,056	28,779
Machine tools:														
Orders—														
New.....	1922-1924=100	27	45	51	68	59	38	33	41	39	37	25	28	29
Unfilled, end of month.....	1922-1924=100	41	97	97	104	108	97	64	63	65	76	76	78	60
Shipments.....	1922-1924=100	45	85	50	57	47	44	52	51	32	22	27	30	43
Pumps:														
Domestic, water, shipments—														
Pitcher, hand, and windmill.....	no. of units	14,247	22,165	17,250	19,185	22,322	16,705	17,166	25,607	19,532	23,712	18,680	19,983	22,595
Power, horizontal type.....	no. of units	334	1,057	864	376	343	446	531	534	527	747	388	412	324
Measuring and dispensing, shipments—														
Gasoline—														
Hand operated.....	no. of units	1,823	3,366	2,280	2,203	2,101	1,875	2,643	2,674	2,939	3,080	2,573	2,415	1,731
Power.....	no. of units	4,682	5,627	4,311	3,893	4,272	5,174	5,306	6,228	6,691	6,883	5,619	5,693	4,316
Oil, grease, and other—														
Hand operated.....	no. of units	25,105	27,639	24,051	19,770	17,849	18,706	22,135	28,230	39,479	36,707	21,965	*23,752	28,305
Power.....	no. of units	972	1,664	619	506	1,151	411	508	649	675	532	366	751	1,647
Steam, power, and centrifugal—														
Orders—														
New.....	thous. of dolls.	387	563	475	561	449	508	598	449	488	441	391	387	437
Unfilled, end of month.....	thous. of dolls.	1,310	2,023	1,852	1,680	1,725	1,802	1,878	1,726	1,693	1,559	1,450	1,369	1,333
Shipments.....	thous. of dolls.	399	696	627	700	390	426	520	592	516	571	493	437	450
Water-softening apparatus, shipments—														
.....	number of units	217	518	458	370	263	321	363	329	286	237	154	185	263
Water systems, shipments.....														
.....	number of units	3,999	6,267	5,237	4,009	5,245	4,224	3,934	5,934	6,209	6,769	5,441	5,818	5,088
Woodworking machinery:														
Orders—														
Canceled.....	thous. of dolls.	0	8	3	6	6	5	5	13	4	4	1	1	2
New.....	thous. of dolls.	161	377	312	310	209	220	246	150	165	163	162	139	187
Unfilled, end of month.....	thous. of dolls.	221	340	405	325	275	249	302	237	248	237	289	249	256
Shipments—														
Quantity.....	number of machines	153	371	200	271	196	179	147	130	120	126	113	195	114
Value.....	thous. of dolls.	193	347	257	361	248	250	195	199	152	174	114	173	175
NONFERROUS METALS AND PRODUCTS														
Metals														
Aluminum:														
Imports, bauxite.....	long tons	11,553	23,905	17,455	23,340	36,838	26,126	19,054	18,740	19,235	16,386	15,844	10,809	11,008
Wholesale prices—														
No. 1, virgin, 98-99, N. Y.....	dolls. per lb.	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290
Scrap, cast, N. Y.....	dolls. per lb.	.0315	.0393	.0388	.0388	.0398	.0413	.0413	.0411	.0362	.0303	.0300	.0300	.0300
Babbitt metal:														
Production, total.....	thous. of lbs.	1,573	2,018	1,846	1,624	1,744	1,577	1,595	1,419	1,346	1,319	1,276	1,320	1,406
For own use.....	thous. of lbs.	381	552	607	577	463	434	407	359	398	461	405	325	298
Sales.....	thous. of lbs.	1,193	1,466	1,239	1,048	1,281	1,143	1,189	1,060	948	858	871	994	1,108
Copper:														
Exports, refined.....	short tons	8,320	11,429	15,215	13,599	16,831	17,572	15,432	16,142	18,112	11,894	7,576	15,287	15,960
Imports, total.....	short tons	6,636	28,630	28,467	40,186	39,073	27,814	22,521	17,910	18,242	23,139	4,936	7,153	7,064
Ore and blister.....	short tons	6,609	17,668	11,974	21,348	15,132	12,020	11,632	8,800	7,110	15,719	4,936	6,705	6,277
Price, electrolytic, New York.....	dolls. per lb.	.0573	.0678	.0656	.0655	.0705	.0597	.0576	.0557	.0524	.0515	.0505	.0522	.0598
Gold. (See Finance.)														
Lead:														
Ore—														
Receipts in U. S. ore.....	short tons	32,788	28,406	28,611	31,279	29,086	25,807	24,784	23,578	24,584	20,939	20,333	20,421	1,346
Shipments, Joplin district.....	short tons	2,615	1,524	1,401	1,278	5,722	2,110	2,330	1,452	1,277	952	770	770	1,346
Refined—														
Imports.....	short tons	1,220	6,794	2,135	6,866	2,376	1,816	3,035	5,892	1,626	5,521	5,470	381	5,563
Price, pig, desilverized, N. Y.....	dolls. per lb.	.0305	.0396	.0394	.0379	.0375	.0371	.0315	.0300	.0299	.0275	.0324	.0347	.0347
Production.....	short tons	21,092	36,546	31,671	33,576	32,180	28,081	30,345	23,236	25,902	26,068	15,819	17,118	20,498
Shipments, reported.....	short tons	29,764	34,276	31,216	30,297	27,867	26,319	31,162	26,081	24,253	21,511	19,723	28,248	26,412
Stocks, end of month.....	short tons	170,171	139,796	144,057	151,380	160,257	165,933	169,091	169,370	173,929	180,460	180,255	175,426	171,831
Silver. (See Finance.)														
Tin:														
Consumption in manufacture of tin and terne plate*.....														
Deliveries.....	long tons	1,400	1,400	1,400	1,500	1,300	1,200	1,500	1,600	1,500	1,500	1,300	1,200	1,200
Imports, bars, blocks, etc.....	long tons	3,130	5,385	3,550	3,380	3,550	2,825	3,285	3,440	3,135	3,540	2,265	2,585	2,680
Price, Straits, N. Y.....	dolls. per lb.	3,063	5,607	5,301	2,130	2,412	2,254	2,497	3,100	3,725	3,234	3,098	2,399	2,668
Stocks, end of month—		2,392	.2276	.2281	.2135	.2184	.2203	.2186	.1924	.2095	.1964	.2093	.2296	.2476
World, visible supply.....	long tons	47,048	50,602	50,583	51,313	50,043	51,300	50,780	50,716	50,562	48,945	49,125	47,177	47,739
United States.....	long tons	4,291	6,773	7,458	6,254	5,342	4,578	3,841	3,546	3,981	3,759	4,559	4,459	4,191
Zinc:														
Ore, Joplin district—														
Shipments.....	short tons	24,715	19,446	14,854	16,228	12,071	14,482	12,239	18,408	13,649	13,996	7,745	7,192	12,032
Stocks, end of month.....	short tons	51,201	84,914	85,610	83,000	89,159	87,917	86,998	85,010	84,561	74,069	70,454	67,902	64,136
Price, slab, prime, western (St. Louis).....	dolls. per lb.	.0303	.0338	.0321	.0315	.0301	.0282	.0279	.0273	.0253	.0278	.0254	.0276	.0332
Production, total (primary).....	short tons	14,866	21,548	20,443	21,868	22,516	21,516	22,493	20,620	18,642	16,410	14,771	13,044	13,005
Retorts in operation, end of month.....	number	14,645	21,374	19,423	19,875	22,044	21,752	22,016	20,796	20,850	18,742	18,295	14,514	12,191
Shipments, total.....	short tons	18,821	21,181	19,963	23,041	22,444	21,896	22,576	18,046	18,087	14,958	12,896	18,108	21,152
Domestic.....	short tons	18,801	21,181	19,963	23,041	22,413	21,896	22,576	18,046	18,087	*14,938	12,896	18,069	21,132
Stocks, refinery, end of month.....	short tons	119,101	130,535	131,015	129,842	129,914	129,534	129,451	132,025	132,590	134,032	135,907	131,203	123,056
Electrical Equipment														
Conduits, nonmetallic, shipments.....	thous. of ft.	2,005	1,782	1,384	2,258	1,831	1,385	1,363	1,865	1,272	1,129	1,180	1,877	1,877
Delinquent accounts, electrical trade. (See Domestic Trade.)														
Furnaces, electric, new orders.....	kilowatts	1,862	1,513	1,277	3,610	1,982	1,111	341	427	1,792	220	106	100	100

* Revised.

*New series. Earlier data on stokers not published.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931				1932						
	October	October	October	November	December	January	February	March	April	May	June	July	August

METALS AND MANUFACTURES—Continued

NONFERROUS METALS AND PRODUCTS—Continued														
Electrical Equipment—Continued														
Electrical goods, new orders (quarterly).....thous. of dolls.					151,586									75,319
Laminated phenolic products, shipments.....dollars.	456,720	570,466	430,425	436,190	413,424	365,097	454,917	408,410	386,001	444,588	327,913	284,779	375,849	
Mica, manufactured:														
Orders, unfilled, end of month.....thous. of dolls.	51	73	81	69	73	75	65	60	57	55	48	44	49	
Shipments.....thous. of dolls.	56	76	73	73	94	86	86	63	61	55	45	49	47	
Motors (direct current):														
Billings (shipments).....dollars.	387,770	276,905	414,642	231,826	300,456	286,353	302,526	219,293	175,105	191,601	163,242	160,016		
Orders, new.....dollars.	311,793	248,265	354,236	150,148	251,509	207,778	187,096	203,503	169,601	149,407	134,651	137,704		
Panelboards and cabinets, shipments.....thous. of dolls.		333	245	248	211	193	195	183	156	188	176	193	179	
Porcelain, electrical, shipments:														
Special.....dollars.	49,051	84,617	63,044	38,748	44,699	54,941	37,840	32,451	34,805	25,479	22,468	32,074	37,257	
Standard.....dollars.	22,688	40,171	29,447	19,483	25,332	25,320	17,183	19,874	19,488	15,030	15,295	19,121	20,820	
Power cables, shipments.....thous. of ft.	420	1,137	973	743	537	623	958	698	592	684	646	696	544	
Power switching equipment, new orders:														
Indoor.....dollars.	13,345	37,547	39,191	36,686	28,777	30,854	28,626	21,043	17,876	17,695	15,472	22,004	20,316	
Outdoor.....dollars.	26,216	244,122	323,412	197,708	116,112	85,660	69,941	51,156	52,388	52,695	50,108	48,058	45,139	
Reflectors, industrial, sales.....units.	38,453	59,103	43,287	45,000	46,261	38,748	41,322	34,538	32,327	33,163	22,061	35,094	37,736	
Vacuum cleaners, shipments.....number.	38,000	59,074	67,643	50,602	40,044	37,101	51,120	50,913	39,068	30,299	21,697	30,088	33,821	
Vulcanized fiber:														
Consumption.....thous. of lbs.	1,047	1,398	1,057	1,003	872	1,269	1,131	838	753	788	494	664	753	
Shipments.....thous. of dolls.	260	313	262	246	270	301	261	249	216	206	208	203	255	
Welding sets, new orders:														
Multiple operator.....units.	0	0	0	2	0	3	7	0	4	5	0	2	0	
Single operator.....units.	64	108	89	122	83	88	91	68	70	66	71	88	70	
Miscellaneous Products														
Brass and bronze (ingots and billets):														
Deliveries.....net tons.	1,969	3,502	2,694	2,752	2,728	2,145	2,014	2,081	1,707	1,920	1,397	1,758	2,112	
Orders, unfilled, end of month.....net tons.	17,002	20,968	21,753	21,067	20,014	19,390	19,245	18,403	17,760	18,186	17,421	18,790	18,336	
Brass, plumbing:														
Shipments*.....number of pieces.		848,706	670,710	561,272	676,704	697,030	682,345	794,431	749,424	748,916	604,154	641,498		
Brass sheets, wholesale price, mill.....dolls. per lb.	.125	.130	.130	.130	.133	.130	.125	.125	.123	.120	.120	.120	.124	
Copper, wire cloth:														
Orders—														
Make and hold-over, end of month.....thous. of sq. ft.	503	522	583	592	571	595	613	548	564	535	501	533	525	
New.....thous. of sq. ft.	288	308	366	274	340	304	267	264	200	209	253	310	309	
Unfilled, end of month.....thous. of sq. ft.	103	129	160	114	164	165	117	142	93	71	126	117	103	
Production.....thous. of sq. ft.	308	338	312	357	204	366	317	280	194	213	199	281	299	
Shipments.....thous. of sq. ft.	276	312	254	285	289	280	285	285	222	197	241	283	306	
Stocks, end of month.....thous. of sq. ft.	901	910	953	1,031	880	965	998	981	950	949	892	878	865	
Fire-extinguishing equipment. (See automobiles.)														

PAPER AND PRINTING

WOOD PULP														
Chemical:														
Consumption and shipments, total.....short tons.	170,442	162,556	155,446	172,756	175,652	185,970	159,202	151,876	137,842	132,876	151,502			
Soda.....short tons.	19,876	18,088	22,086	23,322	22,738	23,148	21,922	21,900	16,446	17,284	21,190			
Sulphite, total.....short tons.	112,224	109,796	103,600	114,456	117,918	127,914	105,514	101,416	92,570	88,120	99,404			
Bleached.....short tons.	37,090	34,116	33,632	37,384	39,004	43,770	36,598	35,672	31,594	29,276	30,138			
Unbleached.....short tons.	21,170	22,694	20,628	22,624	25,026	25,818	18,738	19,122	17,676	17,466	22,364			
Sulphate.....short tons.	37,174	33,828	28,956	34,024	34,704	34,184	30,766	28,058	28,030	26,936	30,034			
Other grades.....short tons.	1,168	844	804	954	892	724	1,000	502	496	536	874			
Imports.....short tons.	119,612	115,179	170,986	112,680	193,954	171,944	89,600	66,540	66,555	71,692	61,127	73,721	78,793	
Price, wholesale, sulphite, unbleached.....dolls. per 100 lbs.	1.58	2.15	2.15	1.81	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	
Production, total.....short tons.	171,186	171,574	160,680	175,936	178,312	192,934	167,812	155,830	147,038	134,774	151,632			
Soda.....short tons.	21,226	19,336	22,682	23,998	23,878	24,212	22,928	22,676	17,892	16,192	20,094			
Sulphite, total.....short tons.	109,894	114,846	105,802	115,256	116,298	129,722	111,534	102,738	98,682	88,982	99,644			
Bleached.....short tons.	37,080	35,016	32,858	36,202	39,482	43,214	37,760	35,240	32,124	27,480	30,546			
Unbleached.....short tons.	19,814	26,108	22,908	25,136	24,376	28,752	22,052	19,976	21,556	21,408	24,012			
Sulphate.....short tons.	39,004	36,624	31,276	35,686	37,006	38,225	32,838	29,652	30,096	29,042	31,162			
Other grades.....short tons.	1,062	768	920	996	1,130	772	512	764	368	558	732			
Stocks, end of month, total.....short tons.	32,416	36,684	36,668	33,750	32,326	32,926	35,796	35,740	38,830	36,302	34,134			
Soda.....short tons.	4,058	4,516	4,124	3,762	3,890	3,910	3,926	3,706	4,418	3,896	3,498			
Sulphite, total.....short tons.	24,198	27,788	27,844	25,924	24,274	23,386	26,826	27,092	29,558	27,412	26,768			
Bleached.....short tons.	6,156	7,118	6,344	5,162	5,640	5,084	6,246	5,814	6,544	4,748	5,156			
Unbleached.....short tons.	5,724	7,402	7,536	7,328	6,048	6,286	7,020	6,818	7,452	7,186	6,950			
Sulphate.....short tons.	3,848	4,144	4,348	3,670	3,530	3,530	4,852	4,488	4,628	4,646	3,712			
Other grades.....short tons.	312	236	352	394	632	680	192	454	326	348	206			
Mechanical (ground wood):														
Consumption and shipments.....short tons.	110,715	113,483	110,085	110,803	101,409	110,983	103,380	105,842	98,460	81,148	91,772			
Imports.....short tons.	17,876	21,066	22,757	17,339	19,127	11,249	14,710	13,115	14,169	11,626	8,998		17,548	
Production.....short tons.	104,788	120,963	112,954	113,174	102,095	114,066	114,862	112,325	92,452	73,006	77,397			
Stocks, end of month.....short tons.	76,332	83,845	86,765	89,135	89,822	92,905	104,386	109,918	103,911	95,769	81,394			
PAPER														
Total paper, incl. box board and newsprint:														
Production.....short tons.	596,459	544,136	517,271	556,951	549,122	600,036	536,930	505,806	481,633	445,226	494,569			
Per cent of capacity.....	67	65	59	64	66	66	66	59	56	52	55			
Shipments.....short tons.	604,007	543,221	521,435	574,197	572,065	600,583	560,757	518,336	499,146	503,197	528,413			
Stocks, end of month.....short tons.	397,011	437,928	433,369	424,406	414,285	420,574	408,046	420,517	430,483	407,346	403,472			
Book paper:														
Orders, new—														
Coated.....p. ct. of normal production.	46	56	55	53	52	58	52	50	43	37	39	40	43	
Uncoated.....p. ct. of normal production.	49	58	58	59	66	66	61	55	55	44	46	52	55	

* New series. Earlier data not published.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932						
	October	October	November	December	January	February	March	April	May	June	July	August

PAPER AND PRINTING—Continued

PAPER—Continued														
Book paper—Continued.														
Orders, unfilled—														
Coated.....days' production..	4	4	4	5	4	4	4	3	3	3	4	3	3	
Uncoated.....days' production..	4	5	5	5	5	5	5	5	3	3	4	5	6	
Production.....short tons.....	102,111	95,576	103,509	100,093	98,792	107,683	97,561	94,732	86,301	73,701	84,756	-----	-----	
Per cent of capacity.....	66	67	69	66	69	70	66	65	59	52	46	-----	-----	
Shipments.....short tons.....	105,370	103,588	105,660	107,668	112,836	115,093	116,704	112,853	109,919	114,975	116,585	-----	-----	
Stocks, end of month.....short tons.....	85,594	87,477	85,115	82,902	77,513	77,280	75,734	79,975	83,414	79,494	78,063	-----	-----	
Box board:														
Consumption, waste paper.....short tons.....	209,903	172,830	146,368	177,610	173,395	191,637	167,372	163,562	164,808	169,632	163,909	196,910	-----	
Orders—														
New.....short tons.....	218,527	181,500	138,042	189,131	188,734	196,403	176,884	166,219	166,129	160,947	182,701	205,568	-----	
Unfilled, end of month.....short tons.....	61,365	62,937	36,345	42,589	35,313	32,607	31,401	29,802	23,112	35,864	51,989	-----	-----	
Production.....short tons.....	218,157	186,776	163,539	182,306	186,756	206,802	177,899	170,191	171,093	162,214	173,805	181,545	-----	
Operations, per cent of capacity.....	64.8	61.7	49.8	56.8	58.2	60.6	52.0	51.0	50.2	51.5	61.4	-----	-----	
Shipments.....short tons.....	218,489	179,932	164,630	187,118	190,007	203,679	179,590	167,425	167,728	167,637	171,486	189,230	-----	
Stocks, end of month.....short tons.....	79,248	86,092	85,001	80,189	76,938	80,061	78,370	81,136	84,465	78,990	81,805	74,237	-----	
Stocks of waste paper, end of month—														
At mills.....short tons.....	151,658	158,674	172,761	168,422	163,522	164,596	171,104	168,878	153,663	158,677	151,343	174,756	-----	
In transit and unshipped purchases.....short tons.....	36,055	42,181	28,192	30,537	34,219	38,475	26,628	27,992	26,145	29,760	23,897	26,666	-----	
Newsprint:														
Canada—														
Exports.....short tons.....	148,935	171,031	171,151	161,835	172,914	142,445	171,651	138,786	151,758	155,896	131,780	152,761	119,277	
Production.....short tons.....	157,506	184,252	175,643	165,173	171,321	158,543	166,758	176,660	175,887	161,368	142,491	157,919	150,691	
Shipments from mills.....short tons.....	157,568	191,725	173,601	165,017	171,843	150,951	163,806	186,443	172,954	164,310	145,431	154,881	152,633	
Stocks, at mills, end of month.....short tons.....	48,411	42,963	48,735	54,214	53,683	61,195	63,548	53,904	57,014	50,029	47,017	50,029	48,062	
United States—														
Consumption by publishers.....short tons.....	144,993	173,852	174,092	160,146	151,181	142,883	156,205	148,351	152,321	138,204	131,823	123,873	127,425	
Imports.....short tons.....	148,294	180,230	176,228	168,087	166,516	127,089	151,786	165,300	175,876	146,037	138,785	147,668	133,830	
Price, rolls, contract, destination, N. Y. basis.....dolls. per short ton.....	45.00	57.00	57.00	57.00	53.00	53.00	53.00	53.00	53.00	53.00	53.00	53.00	51.25	
Production, total.....short tons.....	76,731	97,117	94,149	93,861	94,247	97,157	100,034	91,235	88,087	85,399	74,502	79,529	70,621	
Shipments from mills.....short tons.....	76,922	98,616	93,723	93,550	94,550	86,638	94,282	94,296	88,525	84,255	76,857	77,340	73,234	
Stocks, end of month—														
At mills.....short tons.....	32,790	31,953	32,398	32,709	32,406	32,925	38,677	35,417	35,156	35,502	33,369	35,982	33,095	
At publishers.....short tons.....	165,459	190,367	187,839	195,505	192,817	191,666	175,566	188,207	182,507	186,672	182,725	188,436	181,613	
In transit to publishers.....short tons.....	29,586	38,022	42,064	40,495	37,612	38,913	34,570	33,295	31,692	25,361	28,561	23,195	26,191	
Writing (fine) paper:														
Production.....short tons.....	27,793	27,031	27,371	32,126	31,558	33,285	27,855	26,294	21,970	21,818	23,808	-----	-----	
Per cent of capacity.....	56	50	48	64	65	63	55	52	43	45	45	-----	-----	
Shipments.....short tons.....	29,071	27,344	27,043	33,347	33,767	32,619	22,730	25,531	22,937	23,542	24,160	-----	-----	
Stocks, end of month.....short tons.....	54,398	57,349	56,735	55,516	55,373	55,361	55,374	55,906	54,934	51,814	51,446	-----	-----	
Wrapping paper:														
Production.....short tons.....	73,347	61,902	57,739	70,344	67,451	69,779	73,586	58,060	49,782	52,000	60,479	-----	-----	
Per cent of capacity.....	79	77	65	80	80	76	83	66	56	61	66	-----	-----	
Shipments.....short tons.....	72,027	63,821	60,280	71,329	70,082	72,361	72,997	57,654	50,927	53,300	59,874	-----	-----	
Stocks, end of month.....short tons.....	81,318	79,521	76,991	76,035	73,425	70,821	71,389	72,686	71,533	70,228	70,825	-----	-----	
All other grades:														
Production.....short tons.....	77,934	78,702	71,252	77,835	77,408	82,452	63,794	68,442	67,088	60,991	72,197	-----	-----	
Shipments.....short tons.....	80,425	74,423	70,272	80,185	78,735	82,549	74,440	66,348	63,380	66,886	78,968	-----	-----	
Stocks, end of month.....short tons.....	64,500	95,091	96,818	97,358	98,111	98,374	91,762	95,658	100,635	93,451	85,351	-----	-----	
PAPER PRODUCTS														
Abrasive paper and cloth, shipments:														
Domestic.....reams.....	42,297	53,348	38,272	35,433	46,061	46,700	44,820	41,643	41,059	37,735	33,312	34,835	39,897	
Foreign.....reams.....	5,574	6,942	5,323	6,376	5,365	5,323	7,648	5,628	6,657	7,079	6,017	5,867	6,532	
Paper board shipping boxes:														
Operating time, total.....p. ct. of normal.....	79	77	67	58	64	73	75	70	71	64	56	62	71	
Corrugated.....p. ct. of normal.....	83	81	70	59	67	74	77	72	73	65	59	66	76	
Solid fiber.....p. ct. of normal.....	65	66	57	54	56	68	65	63	65	60	48	48	57	
Production, total.....thous. sq. ft.....	508,182	540,293	429,315	366,440	426,371	450,436	482,114	446,653	446,455	431,167	399,160	436,358	477,032	
Corrugated.....thous. sq. ft.....	436,406	438,296	346,527	286,897	344,994	374,636	390,279	360,998	360,838	344,513	336,530	371,427	405,922	
Solid fiber.....thous. sq. ft.....	71,776	101,997	82,788	79,543	81,377	84,800	91,835	85,655	85,617	86,654	62,630	64,931	71,110	
Rope paper sacks, shipments.....1921-1922=100.....	(†)	69	64	49	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
PRINTING														
Blank forms, new orders.....thous. of sets.....	40,396	57,819	48,309	44,919	51,660	48,751	46,557	39,001	33,348	36,388	37,259	41,061	41,252	
Book publication, total.....no. of editions.....	1,090	1,227	827	798	662	757	781	908	589	525	733	609	806	
New books.....no. of editions.....	912	1,070	724	656	541	639	675	749	488	450	641	504	655	
New editions.....no. of editions.....	178	157	103	142	121	118	106	159	101	75	92	105	151	
Operations (productive capacity).....1923=100.....	79	83	82	84	86	84	82	77	70	63	63	66	66	
Sales books:														
Orders, new.....thous. of books.....	10,190	10,663	9,974	8,096	9,261	8,654	8,906	9,428	8,914	8,914	8,305	7,879	8,575	
Shipments.....thous. of books.....	9,082	10,664	9,546	9,313	9,201	8,456	9,783	8,734	9,261	8,995	8,271	9,128	8,704	

RUBBER AND RUBBER PRODUCTS

CRUDE AND SCRAP RUBBER													
Crude:													
Consumption, total.....long tons.....	19,337	20,495	21,108	19,696	25,725	27,611	25,602	23,877	26,861	35,987	26,010	20,582	20,692
For tires.....long tons.....	-----	12,666	11,572	11,267	16,451	14,744	13,594	13,375	14,293	21,626	14,715	12,646	10,399
Imports, total, including latex.....long tons.....	35,807	41,398	45,103	53,818	33,552	28,298	45,588	38,454	34,323	41,117	32,524	33,989	29,253
Price, wholesale, smoked sheets, N. Y.dolls. per lb.....	.034	.050	.046	.046	.044	.039	.033	.030	.031	.027	.028	.036	.039
Shipments, world.....long tons.....	71,467	70,562	59,466	67,031	59,591	58,293	55,867	60,929	56,620	59,530	60,300	-----	-----
Stocks, world, end of month.....long tons.....	618,733	582,000	606,197	619,906	626,748	631,895	629,301	627,627	636,228	602,646	607,399	611,298	611,298
Afloat, total.....long tons.....	70,220	86,227	97,013	74,080	71,883	83,580	72,708	66,144	80,936	74,089	68,558	74,808	77,735
For U. S.....long tons.....	50,220	68,427	77,443	53,940	52,793	64,560	55,238	50,484	63,068	53,849	47,368	53,558	57,735
London and Liverpool.....long tons.....	100,001	133,520	130,169	127,149	125,332	126,036	125,065	123,323	116,106	109,597	106,172	104,408	103,195
British Malaya.....long tons.....	68,836	86,503	84,710	96,677	103,774	100,379	94,401	90,945	88,855	86,855	86,134	86,321	86,321
United States.....long tons.....	379,676	275,570	295,305	322,000	325,759	321,900	337,127	347,215	350,515	350,105	352,017	362,049	366,177
Reclaimed rubber:													
Consumption.....long tons.....	4,340	6,338	5,843	5,313	6,583	6,499	5,788	4,393	4,795	5,554	4,054	3,461	4,136
Production.....long tons.....	6,275	8,818	7,340	8,255	8,140	8,120	8,010	5,277	4,773	5,626	5,146	3,101	5,043
Stocks, end of month.....long tons.....	9,877	14,273	14,130	15,406	14,970	14,927	15,781	15,283	13,411	11,978	11,596	10,387	9,982
Scrap rubber:													
Consumption by reclaimers.....long tons.....	-----												

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	October	October	November	December	January	February	March	April	May	June	July	August

RUBBER AND RUBBER PRODUCTS—Continued

TIRES AND TUBES												
Pneumatic casings:												
Production..... thousands.....	2,379	2,001	2,115	2,770	3,097	2,937	2,813	3,056	4,515	2,893	2,471	2,031
Shipments, total..... thousands.....	2,281	2,310	2,225	2,602	2,042	2,363	2,958	3,406	8,293	1,923	2,124	2,466
Domestic..... thousands.....	2,185	2,223	2,171	2,545	1,973	2,281	2,886	3,325	8,212	1,845	2,065	2,411
Stocks, end of month..... thousands.....	6,640	6,335	6,220	6,329	7,338	7,902	7,877	7,503	3,700	4,962	5,327	4,877
Solid and cushion tires:												
Production..... thousands.....	11	9	10	9	10	9	8	8	11	10	8	8
Shipments, total..... thousands.....	14	10	11	9	10	9	8	8	22	7	8	8
Domestic..... thousands.....	13	10	10	9	9	9	8	8	22	7	7	7
Stocks, end of month..... thousands.....	43	42	39	37	37	37	36	35	23	25	25	24
Inner tubes:												
Production..... thousands.....	2,462	1,955	2,078	2,719	3,057	2,802	2,580	2,727	4,223	2,350	2,199	2,081
Shipments, total..... thousands.....	2,250	2,073	2,213	2,803	2,182	2,149	2,708	3,094	7,394	1,728	2,002	2,478
Domestic..... thousands.....	2,187	2,022	2,172	2,761	2,135	2,004	2,658	3,035	7,336	1,674	1,966	2,440
Stocks, end of month..... thousands.....	6,657	6,496	6,338	6,175	7,008	7,608	7,553	7,131	3,943	4,780	4,902	4,602
Raw material consumed:												
Fabrics..... thous. of lbs.....	9,263	8,361	7,981	12,156	12,518	11,292	11,084	12,045	17,480	11,707	10,116	8,417
Crude rubber. (See Crude Rubber.)												
MISCELLANEOUS PRODUCTS												
Rubber bands, shipments..... thous. of lbs.....	315	225	197	231	206	208	223	202	187	180	160	210
Rubber clothing, calendered:												
Orders, net..... no. coats and sundries.....	20,925	14,341	13,654	20,720	12,988	13,970	7,303	12,503	10,433	9,109	13,321	31,577
Production..... no. coats and sundries.....	19,773	23,255	16,221	10,130	20,405	17,649	9,711	12,886	15,333	26,849	28,284	22,770
Rubber-proofed fabrics, production, total												
Auto fabrics..... thous. of yds.....	412	2,529	2,074	2,184	2,448	2,462	2,092	1,748	2,243	2,013	2,952	4,510
Raincoat fabrics..... thous. of yds.....	404	445	394	380	339	312	202	197	308	224	268	301
Rubber flooring, shipments..... thous. of sq. ft.....	2,476	1,267	931	853	883	754	701	556	744	1,003	1,489	2,719
Rubber and canvas footwear:												
Production, total..... thous. of pairs.....	4,363	4,217	4,469	3,557	3,777	3,787	4,104	4,518	4,429	2,321	3,576	3,767
Tennis..... thous. of pairs.....	1,231	1,443	2,078	2,496	3,226	3,187	3,446	3,485	2,898	1,197	1,375	1,190
Waterproof..... thous. of pairs.....	3,131	2,773	2,391	1,061	552	600	657	1,033	1,531	1,124	2,201	2,577
Shipments, total..... thous. of pairs.....	5,104	3,720	4,208	3,990	4,454	4,988	5,073	5,049	4,345	2,985	3,342	4,641
Tennis..... thous. of pairs.....	633	475	734	2,374	3,411	4,264	4,374	4,603	3,839	1,778	1,208	1,249
Waterproof..... thous. of pairs.....	4,471	3,245	3,474	1,616	1,043	735	698	446	606	1,206	2,134	3,393
Shipments, domestic, total..... thous. of pairs.....	4,907	3,632	4,054	3,962	4,416	4,943	5,010	4,966	4,285	2,942	3,272	4,589
Tennis..... thous. of pairs.....	589	446	616	2,353	3,378	4,216	4,333	4,530	3,786	1,755	1,175	1,226
Waterproof..... thous. of pairs.....	4,318	3,186	3,438	1,610	1,038	727	677	436	499	1,187	2,096	3,363
Stocks, total, end of month..... thous. of pairs.....	19,880	20,367	20,628	20,237	19,551	19,347	18,381	17,879	17,962	17,317	17,358	16,483
Tennis..... thous. of pairs.....	6,076	7,044	8,387	8,510	8,264	8,191	7,267	6,163	5,222	4,641	4,615	4,556
Waterproof..... thous. of pairs.....	13,804	13,323	12,241	11,726	11,287	11,156	11,115	11,716	12,741	12,676	12,743	11,928
Rubber heels:												
Production..... thous. of pairs.....	14,567	11,455	14,138	12,316	14,787	16,368	11,737	10,259	11,299	9,868	11,073	14,205
Shipments—												
Total*..... thous. of pairs.....	14,024	11,737	13,294	12,425	13,583	13,514	9,874	10,270	12,304	10,141	14,395	18,000
Export..... thous. of pairs.....	617	591	474	290	259	305	280	275	266	261	187	297
Repair trade..... thous. of pairs.....	5,924	4,537	4,622	3,431	4,575	3,785	2,656	3,651	3,708	2,449	4,260	5,520
Shoe manufacturers..... thous. of pairs.....	7,484	6,610	8,198	8,704	8,748	9,424	6,938	6,345	8,330	7,432	9,948	12,183
Stocks, end of month..... thous. of pairs.....	24,652	25,213	24,405	24,515	25,807	27,933	28,340	28,782	27,736	27,397	24,449	20,534
Rubber soles:												
Production..... thous. of pairs.....	2,610	2,840	3,639	3,411	3,461	3,953	2,292	2,488	2,461	2,419	2,599	4,054
Shipments—												
Total*..... thous. of pairs.....	2,689	2,916	3,488	3,226	3,213	3,573	2,340	2,703	2,500	2,407	2,660	4,353
Export..... thous. of pairs.....	45	29	25	8	3	2	1	4	5	14	12	7
Repair trade..... thous. of pairs.....	370	308	267	264	285	252	252	151	133	113	140	215
Shoe manufacturers..... thous. of pairs.....	2,273	2,579	3,196	2,952	3,320	2,925	2,087	2,549	2,362	2,280	2,508	4,131
Stocks, end of month..... thous. of pairs.....	2,153	2,180	2,018	2,085	2,428	2,691	2,759	2,434	2,374	2,308	2,373	2,024
Mechanical rubber goods, shipments:												
Total..... thous. of dolls.....	2,678	2,300	2,381	2,463	2,446	2,638	2,613	2,542	2,672	2,024	2,152	1,975
Belting..... thous. of dolls.....	601	483	474	483	483	491	430	420	526	524	563	456
Hose..... thous. of dolls.....	972	856	919	903	966	1,174	1,251	1,131	1,095	734	785	706
Other..... thous. of dolls.....	1,105	961	988	1,077	997	973	932	991	1,051	766	804	813

STONE, CLAY, AND GLASS PRODUCTS

BRICK #												
Common brick, wholesale price, red, N. Y.	9.25	10.00	10.00	9.75	9.75	9.75	9.75	9.75	9.75	9.69	9.30	9.25
Face brick (average per plant):												
Orders, unfilled, end of mo..... thous. of brick.....	363	534	457	383	452	506	511	532	518	493	477	424
Production..... thous. of brick.....	200	422	325	292	197	166	203	192	138	156	166	166
Shipments..... thous. of brick.....	221	479	318	222	149	156	155	274	257	263	258	228
Stocks, end of month..... thous. of brick.....	3,119	3,516	3,521	3,514	3,561	3,557	3,601	3,498	3,473	3,387	3,288	3,177
Sand-lime brick:												
Orders, unfilled, end of mo..... thous. of brick.....	3,650	11,437	10,485	8,745	8,700	8,306	8,914	5,430	2,575	6,625	5,923	2,254
Production..... thous. of brick.....	2,187	6,521	4,239	3,118	2,188	1,603	2,502	2,469	2,215	3,223	2,537	2,522
Shipments by rail..... thous. of brick.....	300	977	648	397	449	165	125	355	157	121	176	455
Shipments by truck..... thous. of brick.....	1,668	4,657	4,604	3,630	2,561	1,580	2,089	2,575	2,919	2,518	2,057	1,808
Stocks, end of month..... thous. of brick.....	4,813	12,347	10,529	8,677	9,067	8,255	8,421	7,264	4,897	3,485	5,282	4,151
Stocks, brick, end of month..... thous. of bricks.....	6,089	6,021	6,215	7,035	8,184	9,375	10,025	10,511	9,922	8,877	7,889	7,175
PORTLAND CEMENT												
Price, wholesale, composite..... dolls. per bbl.....	1.388	1.318	1.310	1.310	1.321	1.323	1.318	1.318	1.318	1.353	1.357	1.388
Production..... thous. bbls.....	7,939	10,762	8,161	5,974	5,026	3,971	4,847	5,478	6,913	7,921	7,659	7,835
Per cent of capacity.....	34.6	47.4	37.2	26.4	22.0	18.7	21.3	24.8	30.2	35.7	33.4	36.9
Shipments..... thous. of bbls.....	8,743	12,360	7,156	4,142	3,393	3,118	3,973	6,536	8,020	9,264	9,218	10,968
Stocks, finished, end of month..... thous. of bbls.....	17,074	21,218	22,219	24,098	25,778	26,657	27,545	26,496	25,394	24,043	22,512	19,398
Stocks, clinker, end of month..... thous. of bbls.....	6,089	6,021	6,215	7,035	8,184	9,375	10,025	10,511	9,922	8,877	7,889	7,175
GLASSWARE												
Glass containers:												
Orders—												
New, net..... thous. gross.....	1,566	1,779	1,814	1,659	2,929	2,354	1,738	1,652	1,806	1,566	1,581	1,556

*New series. Earlier data not published. # Revised † Adjusted for degrading and year-end physical inventories.
 # Census Bureau has comparative summaries for two months on structural clay products. Series not comparable over 13-month period.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1931			1932									
	October	October	November	December	January	February	March	April	May	June	July	August	September
STONE, CLAY, AND GLASS PRODUCTS—Continued													
GLASSWARE—Continued													
Glass containers—Continued.													
Production.....thous. gross	1,750	2,128	1,692	1,508	1,606	1,548	1,886	2,027	2,027	1,945	1,677	1,660	1,462
Per cent of capacity.....	53.8	63.7	55.1	47.2	52.1	50.2	56.6	63.2	63.2	60.6	53.6	49.1	46.8
Shipments.....thous. gross	1,774	1,956	1,537	1,396	1,743	1,764	1,963	1,919	1,901	2,018	1,551	1,757	2,027
Stocks, end of month.....thous. gross	5,123	5,709	5,872	5,855	5,697	5,544	5,497	5,639	5,759	5,695	5,824	5,724	5,167
Illuminating glassware: *													
Orders—													
New and contract.....No. of turns	1,151	1,995	1,746	1,562	1,634	1,481	1,481	1,571	1,563	1,239	1,142	1,020	1,164
Per cent of full operation.....	44.1	71.3	58.6	50.4	49.7	46.9	52.7	53.4	44.7	41.5	32.6	38.7	37.5
Unfilled, end of month.....No. of turns	1,363	1,289	1,105	1,076	1,251	1,296	1,078	1,119	1,318	1,301	1,458	1,455	1,485
Production—													
Total.....No. of turns	1,090	2,276	1,877	1,774	1,463	1,301	1,374	1,393	1,357	1,423	1,059	885	782
Per cent of full operation.....	44.1	71.3	58.6	50.4	49.7	46.9	52.7	53.4	44.7	41.5	32.6	38.7	37.5
Shipments—													
Total.....No. of turns	1,279	2,253	1,797	1,550	1,517	1,434	1,528	1,548	1,295	1,204	945	1,122	1,087
Per cent of full operation.....	44.1	71.3	58.6	50.4	49.7	46.9	52.7	53.4	44.7	41.5	32.6	38.7	37.5
Stocks, end of month.....No. of turns	4,799	5,778	5,610	5,828	5,852	5,596	5,139	5,057	5,152	5,301	5,454	5,254	5,063
Plate glass, polished, production.....thous. sq. ft.	3,935	4,812	3,694	6,152	5,500	6,427	4,414	5,025	3,016	4,910	2,734	1,773	3,406
GYPSUM *													
Crude (quarterly):													
Imports.....short tons				165,894			5,824			103,844			173,366
Production.....short tons				482,930			312,399			374,403			423,139
Shipments (unclassified).....short tons				150,920			93,994			153,793			159,160
Calcined (quarterly):													
Production.....short tons				339,956			270,618			298,767			262,812
Calcined products (quarterly):													
Shipments—													
Board, plaster (and lath).....thous. of sq. ft.				41,148			31,496			35,147			31,435
Board, wall.....thous. of sq. ft.				62,796			52,943			71,565			52,441
Cement, Keenes.....short tons				4,736			4,021			4,029			3,597
Plasters, neat, wood fiber, sanded gauging, finish, etc.....short tons				250,327			190,116			230,645			202,332
For pottery, terra cotta, plate glass, mixing plants, etc.....short tons				32,797			23,298			20,424			19,130
Tile, partition.....thous. of sq. ft.				3,436			2,139			2,266			1,842
TERRA COTTA													
Orders, new:													
Quantity.....short tons	790	1,997	1,269	2,252	1,085	2,648	2,097	925	885	781	2,504	1,377	672
Value.....thous. of dolls.	88	194	115	223	104	237	176	100	84	63	194	118	62

TEXTILE PRODUCTS

CLOTHING													
Hosiery:													
Orders—													
New.....thous. of dozen pairs	6,933	5,058	4,902	4,155	4,413	4,333	4,686	4,235	4,624	4,496	3,363	5,844	7,010
Unfilled, end of month.....thous. of dozen pairs	4,641	2,637	2,641	2,263	2,583	2,449	2,081	1,895	2,073	2,219	2,295	3,525	4,210
Production.....thous. of dozen pairs	6,291	4,743	4,020	4,118	4,591	4,577	4,763	4,295	4,032	4,124	3,181	4,302	5,558
Shipments, net.....thous. of dozen pairs	6,284	5,115	4,789	4,394	4,048	4,346	4,964	4,335	4,355	4,257	3,157	4,485	5,959
Stocks, end of month.....thous. of dozen pairs	8,195	9,408	9,107	9,114	9,535	9,839	9,750	9,700	9,335	9,166	9,543	8,966	8,425
Men's and boys' garments cut:													
Overcoats.....thous. of garments		542	293	174	159	295	335	101	38	50	139	285	482
Separate trousers.....thous. of garments		2,024	1,189	1,207	1,507	1,601	1,742	1,696	1,808	1,795	1,256	1,664	2,025
Suits.....thous. of garments		1,286	954	1,207	1,693	1,736	2,114	1,273	1,074	946	974	1,480	1,734
Rubber clothing (see Rubber products).													
COTTON													
Consumption.....thous. of bales	502	461	420	416	435	450	489	367	332	321	279	403	492
Exports:													
Quantity, exclusive of linters.....thous. of bales	1,008	1,014	1,071	1,181	919	970	927	545	501	360	449	452	734
Value. (See Foreign Trade.)													
Ginnings (total crop to end of month).....thous. of bales	9,246	12,124	15,024	15,358	16,002		16,629				71	865	4,835
Imports.....thous. of bales	4	3	6	13	13	9	10	16	23	19	8	7	7
Prices:													
To producer.....dolls. per lb.	.064	.053	.061	.055	.056	.058	.062	.057	.052	.046	.051	.065	.072
Wholesale, middling, N. Y.....dolls. per lb.	.066	.064	.065	.063	.066	.068	.068	.062	.057	.053	.058	.074	.077
Production, crop estimate.....thous. of bales	11,947		17,096								11,306	11,310	11,425
Receipts into sight.....thous. of bales	2,928	4,082	3,035	1,819	1,546	918	870	569	350	219	107	516	1,826
Stocks, end of month:													
Domestic, total mills and ware- houses.....thous. of bales	11,094	10,569	12,137	12,056	11,669	11,144	10,333	9,697	9,072	8,477	7,922	7,638	9,056
Mills.....thous. of bales	1,267	1,108	1,441	1,631	1,637	1,633	1,566	1,533	1,463	1,323	1,219	1,090	1,087
Warehouses.....thous. of bales	9,827	9,461	10,696	10,426	10,032	9,511	8,767	8,164	7,609	7,154	6,703	6,548	7,969
World visible supply, total.....thous. of bales	9,479	9,184	10,191	10,193	10,398	10,136	9,623	9,111	8,738	8,205	7,793	7,602	8,251
American cotton.....thous. of bales	7,783	7,299	8,346	8,403	8,572	8,268	7,687	7,139	6,680	6,215	5,894	5,751	6,534

* Revised.

† 1932 figures incomplete.

* New series. Earlier data not published.

* As of Dec. 1.

† As of Nov. 1.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931			1932							
	October	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August

TEXTILE PRODUCTS—Continued

COTTON MANUFACTURES													
Cotton yarn:													
Carded sales yarn—													
Orders, unfilled, end of mo. thous. of lbs.	30,592	32,943	32,519	31,506	31,791	32,030	31,394	28,015	26,756	25,281	26,475	33,551	35,108
Production (weekly average) thous. of lbs.	2,885	2,941	2,894	2,337	2,304	2,353	2,162	1,772	1,608	1,556	1,400	1,798	2,534
Stocks, end of month thous. of lbs.	9,533	9,461	9,832	10,861	11,350	12,009	12,436	12,771	12,554	12,473	11,738	11,188	10,315
Prices, wholesale—													
22/1s, cones, Boston.....dolls. per lb.	.196	.189	.192	.181	.175	.180	.181	.173	.162	.155	.157	.183	.208
40/1s, southern, spinning.....dolls. per lb.	.281	.315	.312	.295	.290	.285	.284	.280	.270	.263	.255	.264	.288
Cotton goods:													
Abrasive cloth. (See Paper Products.)													
Cotton cloth:													
Exports.....thous. of sq. yds.	24,010	29,897	27,210	30,759	28,007	30,840	35,610	44,042	39,750	29,887	33,724	24,157	25,227
Imports.....thous. of sq. yds.	1,633	1,958	2,551	4,026	2,513	3,959	3,925	3,514	3,182	1,911	1,861	1,166	1,155
Cotton textiles—													
Orders—													
New (weekly average).....thous. of yds.	37,414	83,420	56,052	40,983	84,503	61,396	33,170	25,577	36,439	37,632	55,654	127,633	58,482
Unfilled, end of month.....thous. of yds.	347,123	344,639	354,957	322,039	391,150	377,988	278,163	218,366	193,637	170,910	227,952	485,860	444,028
Production (weekly av.).....thous. of yds.	63,277	56,779	57,861	50,938	58,177	61,086	57,050	51,272	45,929	40,117	35,418	45,195	56,991
Shipments (weekly av.).....thous. of yds.	61,641	54,052	53,472	47,567	67,225	64,686	53,135	40,526	42,021	42,177	41,394	63,156	66,848
Stocks, end of month.....thous. of yds.	166,668	255,833	273,390	200,248	254,056	239,654	259,231	302,216	315,448	305,150	281,249	209,407	160,121
Fiber consumption for tires. (See Rubber and Rubber Products.)													
Prices, wholesale—													
Print cloth, 64 x 60.....dolls. per yd.	.037	.038	.036	.034	.036	.039	.038	.036	.031	.031	.031	.039	.041
Sheeting, brown, 4 x 4 (Trion mill).....dolls. per yd.	.046	.046	.047	.044	.042	.043	.044	.044	.040	.036	.037	.040	.047
Cotton cloth finishing:													
Printed only (mills and outside)—													
Production.....thous. of yds.	87,956	63,014	59,501	55,791	70,341	89,286	93,145	57,894	43,868	40,993	37,404	64,480	87,988
Stocks, end of month.....thous. of yds.	66,633	78,027	81,606	76,981	66,464	73,337	86,429	88,864	86,324	71,364	71,624	62,547	59,040
White, dyed and printed (outside mills)—													
Billings (finished goods).....thous. of yds.	55,594	48,237	40,516	48,029	44,407	55,412	61,919	49,573	37,340	36,855	25,532	38,092	52,247
Operations.....per ct. of capacity	62	48	43	41	47	59	58	46	37	33	32	42	57
Orders, new, gray yardage.....thous. of yds.	51,406	44,515	38,304	40,028	51,529	59,119	53,615	34,348	32,143	28,090	27,396	48,994	58,738
Orders, unfilled, end of mo.days prod.	1.9	1.5	1.6	1.6	2.2	2.7	2.1	1.6	1.5	1.0	1.1	2.2	2.2
Shipments (finished goods).....cases	28,081	26,811	22,828	27,290	27,495	31,410	32,173	27,032	23,972	21,295	16,073	21,802	26,496
Stocks, end of month (finished goods).....cases	17,086	18,321	18,887	20,175	18,837	17,855	18,876	16,822	15,355	14,659	13,347	13,285	14,896
Spindle activity:													
Active spindles.....thousands	24,588	25,200	24,861	24,638	25,014	25,190	24,818	23,409	21,639	20,562	19,758	22,022	23,884
Active spindle hours, total.....mills. of hrs.	7,046	6,595	6,014	5,951	6,214	6,567	6,955	5,195	4,577	4,247	3,659	5,539	6,866
Average per spindle in place.....hours	224	203	186	184	192	204	217	163	144	134	115	175	218
Operations.....per ct. of capacity	97.0	84.9	85.8	79.3	84.5	92.5	89.9	70.5	63.3	57.6	51.5	72.4	94.6
RAYON AND SILK													
Rayon:													
Imports.....thous. of lbs.	517	107	71	91	21	30	76	89	48	55	285	400	502
Price, wholesale, 150 denier, "A" grade, N. Y.....dolls. per lb.	.60	.75	.75	.75	.75	.75	.75	.75	.65	.55	.55	.55	.60
Stocks, imported, end of month thous. of lbs.	474	430	362	342	338	315	308	305	347	321	286	240	240
Silk:													
Deliveries (consumption).....bales	53,703	56,668	50,645	48,432	58,793	45,909	46,761	35,779	32,923	37,466	38,382	59,905	59,694
Imports, raw.....thous. of lbs.	7,331	9,524	9,639	8,861	7,020	6,503	5,673	4,832	4,474	4,756	4,931	7,134	8,564
Operations, machinery activity—													
Broad looms.....per ct. of capacity	84.5	93.0	83.9	89.4	88.9	73.5	60.2	56.3	43.2	39.5	47.1	67.6	83.7
Narrow looms.....per ct. of capacity	46.8	38.0	42.4	41.8	41.0	44.6	47.2	43.1	39.6	35.8	45.9	38.3	43.6
Spinning spindles.....per ct. of capacity	61.9	56.4	56.4	51.7	50.0	46.1	41.5	38.7	30.4	28.6	41.0	50.2	62.0
Prices, wholesale—													
Raw, Japanese, 13-15, N. Y.....dolls. per lb.	1.673	2.266	2.315	1.970	1.953	1.891	1.617	1.421	1.231	1.194	1.231	1.647	1.805
Silk goods, composite.....dolls. per yd.	.92	.98	.98	.96	.96	.94	.93	.93	.90	.90	.90	.92	.92
Stocks, end of month—													
World, visible supply.....bales	293,148	296,935	311,513	281,779	263,325	261,140	253,621	236,412	224,552	240,954	246,148	249,258	249,258
United States—													
At manufacturers.....bales	22,826	23,176	23,435	24,651	25,180	20,510	27,157	26,337	26,008	25,521	20,011	24,951	22,250
At warehouses.....bales	54,465	49,921	67,275	69,460	62,905	70,570	62,675	57,849	59,159	53,048	50,721	52,228	49,393
WOOL													
Consumption, grease equivalent thous. of lbs.													
Imports, unmanufactured.....thous. of lbs.	4,468	13,463	6,977	10,536	12,556	9,890	6,422	4,186	2,832	2,697	848	693	1,554
Operations, machinery activity:													
Sets of cards.....per ct. of capacity	72	53	48	40	50	54	45	30	30	31	38	57	67
Combs.....per ct. of capacity	100	74	86	65	69	76	52	36	31	39	65	85	106
Looms—													
Carpet and rug.....per ct. of capacity	29	38	30	26	28	30	31	28	23	18	19	19	24
Narrow.....per ct. of capacity	43	39	31	26	25	26	21	18	16	17	17	26	36
Wide.....per ct. of capacity	66	49	45	44	51	61	48	28	28	31	45	60	65
Spinning spindles—													
Woolen.....per ct. of capacity	73	53	46	39	52	58	45	26	30	30	39	59	70
Worsted.....per ct. of capacity	73	49	51	49	53	51	37	29	25	34	50	57	74
Prices, wholesale:													
Raw, territory, fine, scoured.....dolls. per lb.	.47	.58	.58	.58	.58	.57	.52	.48	.42	.38	.36	.39	.48
Raw, Ohio and Penn. fleeces.....dolls. per lb.	.22	.21	.21	.21	.21	.21	.19	.18	.15	.14	.14	.16	.23
Suiting, unfinished worsted, 13 oz. (at mill).....dolls. per yd.	1.175	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.125	1.125	1.135	1.175
Women's dress goods, French serge, 54" (at factory).....dolls. per yd.	.750	.925	.925	.925	.900	.900	.900	.900	.880	.800	.750	.750	.750
Worsted yarn, 2/32s, cross-bred stock, Boston.....dolls. per lb.	.88	.95	.95	.93	.93	.90	.88	.87	.80	.75	.75	.76	.85
Receipts at Boston, total.....thous. of lbs.	17,556	9,628	7,026	7,577	11,235	8,127	5,794	6,526	10,942	28,665	52,339	42,909	28,281
Domestic.....thous. of lbs.	16,990	6,567	6,163	5,350	4,928	5,131	3,758	5,414	10,272	28,134	50,934	42,764	28,209
Foreign.....thous. of lbs.	596	3,061	863	2,227	6,307	2,996	2,036	1,112	670	531	1,405	145	72
MISCELLANEOUS PRODUCTS													
Burlaps and fibers, imports:													
Burlaps.....thous. of lbs.	22,403	35,432	32,428	21,590	33,391	30,567	33,041	32,346	24,231	34,234	17,883	29,931	23,114
Fibers.....long tons.	23,323	17,320	13,774	19,011	22,800	20,287	17,131	11,671	17,095	25,923	23,886	24,457	25,737

• Revised.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932							
	October	October	November	December	January	February	March	April	May	June	July	August	September
TEXTILE PRODUCTS—Continued													
MISCELLANEOUS PRODUCTS—Con.													
Buttons and shells:													
Buttons—													
Imports, total.....thous. of gross.....	50	62	86	69	87	87	105	76	65	76	65	93	69
From Philippines.....thous. of gross.....	47	50	76	52	73	73	68	62	53	68	58	87	66
Fresh-water pearl—													
Production.....per ct. of capacity.....	46.3	46.9	42.3	43.0	32.4	44.0	40.7	35.7	32.6	27.3	18.0	30.3	39.2
Stocks, end of month.....thous. of gross.....	7,136	8,640	8,629	8,794	8,741	8,605	8,458	8,259	8,139	8,849	8,234	7,939	7,340
Shells, imports, total.....thous. of lbs.....	356	924	1,061	485	1,733	660	565	2,009	292	233	255	751	271
Mother of pearl.....thous. of lbs.....	285	445	563	416	609	606	506	299	243	223	235	184	219
Tagua nuts, imports.....thous. of lbs.....	1,063	2,025	1,500	2,044	2,117	843	911	882	1,236	258	1,053	609	516
Elastic webbing, shipments.....thous. of dolls.....	850	969	715	654	807	827	782	647	561	580	454	518	774
Fur, sales by dealers.....thous. of dolls.....	3,233	3,760	2,651	1,644	1,638	2,184	3,260	1,947	2,447	2,247	2,233	2,879	4,016
Pyroxylin-coated textiles (artificial leather):													
Orders, unfilled, end of month.....thous. of linear yds.....		2,180	1,986	1,789	2,175	2,327	2,660	1,828	1,829	1,578	1,572	1,785	1,996
Pyroxylin spread.....thous. of lbs.....		2,333	1,759	2,083	2,121	2,408	2,549	2,078	2,094	1,944	1,474	1,959	2,403
Shipments, billed.....thous. of linear yds.....		2,184	1,709	1,902	1,956	2,239	2,271	2,091	2,189	2,236	1,595	1,881	2,410

TRANSPORTATION EQUIPMENT

AIRPLANES													
Production, total.....number.....		197	121	147	115	133	169	107	106	92	87	98	113
Commercial (licensed).....number.....		100	60	61	36	47	100	56	67	45	46	56	53
Military (deliveries).....number.....		87	54	75	77	81	61	42	28	36	38	18	29
For export.....number.....		10	7	11	2	5	8	9	11	11	3	24	31
AUTOMOBILES													
Exports:													
Canada—													
Automobiles, assembled.....no. of cars.....	2,416	630	398	244	548	683	567	321	333	768	1,493	1,523	1,654
Passenger cars.....no. of cars.....	2,124	476	275	147	225	233	237	199	261	741	1,308	1,368	1,108
United States—													
Autos and parts, value. (See Foreign Trade.)													
Automobiles, assembled, total.....no. of cars.....	4,282	7,707	3,112	9,086	6,989	7,049	8,731	6,299	5,109	4,359	4,904	4,937	5,487
Passenger cars.....no. of cars.....	1,753	3,207	1,928	5,753	4,474	4,936	5,548	4,669	3,604	2,972	3,039	2,893	3,054
Trucks.....no. of cars.....	2,549	4,500	1,184	3,333	2,515	2,113	3,183	1,630	1,505	1,387	1,865	2,044	2,433
Financing:													
Retail purchasers, total.....thous. of dolls.....	33,677	60,692	48,569	50,432	44,629	44,829	51,148	56,416	58,436	63,169	44,717	45,069	38,837
New cars.....thous. of dolls.....	17,654	33,196	25,395	27,306	23,476	23,623	26,888	31,836	33,591	38,329	24,149	24,645	21,551
Used cars.....thous. of dolls.....	15,045	25,882	21,891	21,860	19,974	19,942	22,780	23,066	23,258	23,395	19,225	18,909	15,989
Unclassified.....thous. of dolls.....	978	1,614	1,283	1,267	1,179	1,264	1,481	1,514	1,587	1,445	1,342	1,516	1,297
Wholesale dealers.....thous. of dolls.....	13,148	25,770	15,720	29,257	34,842	33,276	34,121	33,904	38,608	43,682	26,016	22,104	18,677
Fire extinguishing equipment:													
Shipments—													
Motor vehicle apparatus.....number.....	19	80	58	76	39	27	41	29	38	46	35	25	27
Hand types.....number.....	12,867	24,729	20,624	19,437	19,955	18,787	17,665	18,661	15,378	14,037	13,876	14,314	15,222
Production:													
Automobiles—													
Canada, total.....no. of cars.....	2,923	1,440	1,247	2,432	3,731	5,477	8,318	6,810	8,221	7,112	7,472	4,067	2,342
Passenger cars.....no. of cars.....	2,361	761	812	2,024	3,112	4,494	6,604	5,660	7,269	6,308	6,773	3,166	1,741
United States, total.....no. of cars.....	48,934	80,142	68,867	121,541	119,344	117,418	118,959	148,326	184,284	183,092	111,141	90,324	84,141
Passenger cars.....no. of cars.....	35,334	57,764	48,185	96,753	98,706	94,085	99,325	120,906	157,683	160,103	94,673	75,898	64,735
Taxis.....no. of cars.....	5	651	999	1,144	97	25	74	31	73	235	27	9	13
Trucks.....no. of cars.....	13,595	21,727	19,663	23,644	20,541	23,208	19,560	27,389	26,528	22,754	16,436	14,417	19,393
Automobile rims.....thous. rims.....	237	282	638	714	811	726	648	652	658	499	339	222	198
Registrations, new passenger cars.....number.....	63,195	102,659	75,829	77,564	87,493	82,813	92,192	121,093	131,282	148,752	104,188	93,457	81,893
Sales (General Motors Corp.):													
To consumers.....no. of cars.....	26,941	49,042	34,673	53,588	47,942	46,855	48,717	81,573	63,500	56,987	32,849	37,230	34,694
To dealers, total.....no. of cars.....	10,924	25,975	29,359	79,529	74,710	62,850	59,696	78,359	66,739	52,561	36,872	30,419	30,117
U. S. dealers.....no. of cars.....	5,810	21,305	23,716	68,650	65,382	52,539	48,383	69,029	60,270	46,148	31,096	24,151	23,545
Shipments, accessories and parts, total*.....Jan. 1925=100.....		54	59	64	67	64	65	63	62	56	45	35	35
Accessories, original equipment.....Jan. 1925=100.....		37	48	59	63	61	58	56	53	45	37	24	22
Accessories to wholesalers.....Jan. 1925=100.....		80	55	66	57	53	52	45	55	57	49	47	56
Replacement parts.....Jan. 1925=100.....		129	102	94	96	81	107	110	109	118	90	94	99
Service equipment.....Jan. 1925=100.....		69	60	49	56	57	62	58	59	50	37	40	43
RAILWAY EQUIPMENT													
Equipment condition:													
Freight cars owned—													
Capacity.....mill. lbs.....	201,307	207,290	206,842	205,913	205,745	205,509	205,287	204,207	203,657	203,376	202,807	202,196	201,594
Number, total.....thous. of cars.....	2,138	2,211	2,205	2,193	2,191	2,188	2,186	2,174	2,166	2,163	2,157	2,149	2,141
Bad order, total.....number of cars.....	268,170	194,948	196,324	187,666	195,462	206,461	209,271	218,303	230,820	234,315	245,749	253,608	262,153
Per cent of total in bad order.....	12.7	9.0	9.0	8.7	9.0	9.6	9.7	10.1	10.8	11.0	11.5	11.9	12.4
Locomotives, railway:													
Owned—													
Tractive power.....mills. lbs.....	2,444	2,509	2,509	2,496	2,489	2,487	2,481	2,475	2,471	2,467	2,459	2,458	2,448
Number, total.....number.....	52,790	54,889	54,861	54,462	54,228	54,166	54,002	53,815	53,696	53,572	53,264	53,192	52,936
Awaiting classified repairs.....number.....	9,190	6,485	6,836	6,990	7,331	7,814	7,642	7,851	8,142	8,233	8,291	8,396	8,875
Per cent of total.....	17.8	12.0	12.7	13.0	13.7	14.7	14.5	15.0	15.5	15.8	16.0	16.2	17.1
Installed.....number.....	47	61	53	68	51	40	33	42	55	54	29	62	31
Retired.....number.....	193	139	81	46	285	102	199	229	174	178	338	133	287
Passenger cars:													
On railroads (end of quarter).....number.....				50,475			50,182			49,955			
Equipment manufacturing:													
Freight cars—													
Orders, new, placed by railroads.....cars.....	0	798	28	11	159	10	105	0	26	50	25	16	1,285
Orders, unfilled, total.....cars.....	2,465	4,610	4,252	5,042	3,650	3,214	2,974	2,712	2,429	1,851	1,572	1,404	1,275
Equipment manufacturers.....cars.....	0	314	220	1,340	259	150	150	250	0	0	0	0	0
Railroad shops.....cars.....	2,465	4,296	4,032	3,702	3,391	3,064	2,824	2,562	2,429	1,851	1,572	1,404	1,275
Shipments, total.....cars.....	0	404	150	546	320	10	3	4	153	3	3	44	1
Domestic.....cars.....	0	404	150	542	262	10	3	4	153	3	3	19	1

* Revised.

* New series. Earlier data not published.

Monthly data, through December, 1931, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931			1932							
	October	October	Novem-ber	Decem-ber	January	Febru-ary	March	April	May	June	July	August	Septem-ber
TRANSPORTATION EQUIPMENT—Continued													
RAILWAY EQUIPMENT—Continued													
Equipment manufacturing—Continued.													
Locomotives, industrial electric (quarterly)—													
Shipments, total.....number.....				24			18			8			12
Mining use.....number.....				24			18			8			12
Locomotives, railway—													
Orders, new, placed by railroads.....number.....	0	0	20	11	0	0	0	0	0	1	0	0	0
Orders, unfilled, end of month—													
Equipment manufacturers (Census)													
total.....number.....	87	147	165	177	178	173	170	162	147	130	121	112	99
Domestic, total.....number.....	87	139	153	162	163	162	162	154	141	124	115	106	97
Electric.....number.....	86	132	132	130	130	130	130	128	128	123	114	105	96
Steam.....number.....	1	7	21	32	33	32	32	26	13	1	1	3	1
Railroad shops (A. R. A.).....number.....	3	4	10	9	8	6	6	6	6	6	6	5	4
Shipments—													
Domestic, total.....number.....	10	11	7	2	0	1	0	8	13	17	9	9	9
Electric.....number.....	10	3	1	2	0	0	0	2	0	5	9	9	9
Steam.....number.....	0	8	6	0	0	1	0	6	13	12	0	0	0
Exports, total.....number.....	12	4	0	0	0	4	3	0	5	6	2	1	2
Electric.....number.....	12	3	0	0	0	0	0	0	5	5	2	0	2
Steam.....number.....	0	1	0	0	0	4	3	0	0	1	0	1	0
Passenger cars—													
Orders, new, placed by railroads.....number.....	0	0	0	0	30	0	0	0	0	0	0	0	0
Orders, unfilled (end of quarter).....number.....				15			43			44			
Shipments, total.....number.....	0	21	0	2	0	0	0	0	0	0	0	0	0
Domestic.....number.....	0	0	0	2	0	0	1	0	0	0	0	0	0
ELECTRIC TRUCKS AND TRACTORS													
Shipments, industrial, total.....number.....	31	17	21	22	29	26	20	17	19	25	19	19	16
Domestic.....number.....	27	16	19	21	29	26	20	17	19	20	19	19	16
Exports.....number.....	4	1	2	1	0	0	0	0	0	5	0	0	0
SHIPBUILDING													
United States:													
Merchant vessels under construction													
.....thous. gross tons.....		288	279	249	252	229	174	173	186	180	161	147	94
Completed during month.....total gross tons.....	22,795	4,261	23,229	23,055	2,913	3,703	41,991	17,532	26,260	10,782	28,338	2,697	10,273
Steel.....total gross tons.....	19,834	1,201	19,402	19,549	1,594	2,610	33,509	13,848	22,586	7,928	27,150	240	9,601
World (quarterly):													
Launched—													
Number.....ships.....				90			63			84			53
Tonnage.....thous. gross tons.....				302			124			193			188
Under construction—													
Number.....ships.....				281			268			224			192
Tonnage.....thous. gross tons.....				1,404			1,298			1,110			901

CANADIAN STATISTICS

Business indexes: †													
Bank debits.....1926=100.....	56.4	99.8	110.2	102.5	97.7	165.4	59.5	59.5	92.6	102.1	104.1	108.5	104.5
Carloadings.....1926=100.....	59.8	74.9	72.1	70.7	69.1	75.8	73.0	77.2	71.2	70.3	60.5	64.3	68.1
Employment in trade.....1926=100.....	113.7	120.6	120.9	118.9	119.1	119.5	117.5	117.3	117.8	117.4	115.9	115.3	114.3
Exports (volume).....1926=100.....	66.4	61.0	54.2	54.9	63.6	63.9	53.5	61.9	58.4	59.3	62.9	63.0	64.6
Imports (volume).....1926=100.....	67.5	77.6	80.5	75.4	67.4	70.7	81.5	61.6	72.9	69.7	63.2	63.8	64.7
Industrial production, total.....1926=100.....	70.4	85.1	85.5	79.5	80.0	81.3	76.9	68.2	74.6	76.9	74.2	73.6	71.9
Construction.....1926=100.....	59.2	85.9	94.0	56.2	83.4	76.6	48.1	25.0	28.4	24.9	36.8	35.2	29.8
Electric power*.....1926=100.....		130.8	131.4	131.7	133.6	134.4	136.5	139.0	131.2	130.5	129.0	137.1	128.0
Forestry.....1926=100.....	64.7	77.6	74.7	75.1	77.9	78.1	74.4	74.1	71.4	74.5	55.9	59.6	60.5
Manufacturing.....1926=100.....	70.6	77.7	79.2	76.8	71.6	74.2	76.6	66.5	77.4	82.1	76.9	75.5	74.3
Mining.....1926=100.....	99.3	106.6	89.1	103.1	99.0	104.2	89.9	105.0	94.4	92.3	83.4	84.8	89.5
Shares traded.....1926=100.....	36.7	54.9	76.8	22.2	22.4	24.2	32.0	33.3	36.3	31.3	50.4	56.7	90.0
Commodity prices:													
Cost of living index.....1926=100.....	80.4	86.4	86.4	85.9	85.4	84.5	83.9	83.7	81.8	81.0	80.8	81.5	* 81.0
Wholesale price index.....1926=100.....	65.0	70.4	70.6	70.3	69.4	69.2	69.1	68.4	67.7	66.6	66.6	66.8	66.9
Employment, total (first of month).....1926=100.....	86.7	103.9	103.0	99.1	91.6	89.7	88.7	87.5	87.5	89.1	88.7	86.3	86.0
Construction and maintenance.....1926=100.....	84.3	164.5	165.4	128.8	104.8	80.4	83.3	79.9	83.2	92.9	93.3	90.0	84.4
Manufacturing.....1926=100.....	84.1	91.8	88.8	89.6	83.9	85.9	87.0	87.3	85.8	86.0	85.4	82.6	83.1
Mining.....1926=100.....	98.2	108.2	107.9	107.5	105.1	102.4	101.1	101.0	97.9	96.8	95.0	94.8	96.5
Service.....1926=100.....	109.8	125.5	117.5	116.1	114.4	112.1	114.7	113.9	114.7	116.8	119.9	117.0	119.4
Trade.....1926=100.....	114.5	120.8	122.8	125.6	125.7	117.2	113.6	114.3	116.2	116.1	115.4	113.8	113.1
Transportation.....1926=100.....	87.2	95.2	95.4	93.5	85.6	83.4	81.9	81.9	84.3	85.5	85.9	85.3	86.5
Finance:													
Banking—													
Bank debits.....mills. of dolls.....	2,367	2,587	2,842	2,638	2,071	1,560	2,624	2,074	2,175	2,263	2,176	2,116	2,098
Exchange. (See Finance.)													
Interest rates.....1926=100.....	98.1	103.3	105.4	108.6	119.8	115.9	110.6	111.3	113.2	114.4	110.6	103.3	101.9
Commercial failures.....number.....	295	256	275	263	293	200	208	228	195	233	249	253	246
Life insurance, sales of ordinary life (15 cos.).....thous. of dolls.....	29,858	36,006	38,860	47,163	37,331	38,145	37,467	33,629	30,998	40,963	34,469	28,370	25,207
Security issues and prices—													
New bond issues, total.....thous. of dolls.....	104,796	436	215,633	0	200	47,647	21,085	34,978	14,231	24,520	20,735	27,972	9,529
Corporation.....thous. of dolls.....	125	150	0	200	0	6,000	0	1,600	0	0	1,350	360	180
Dominion and provincial.....thous. of dolls.....	103,025	0	215,000	0	30,212	10,000	4,000	2,750	17,750	5,000	21,150	5,980	68,350
Municipal.....thous. of dolls.....	1,646	286	33	0	17,435	5,085	18,478	9,821	6,770	15,685	5,472	3,189	2,573
Railways.....thous. of dolls.....	0	0	0	0	0	0	12,500	0	0	0	0	0	0
Bond yields.....per cent.....	4.95	5.05	5.20	5.74	5.55	5.30	5.33	5.42	5.48	5.36	4.95	4.88	4.88
Common stock prices, total.....1926=100.....	54.8	64.6	71.9	64.8	63.5	64.1	54.0	45.8	43.2	49.6	59.0	63.0	63.0
Banks.....1926=100.....	74.4	92.9	92.9	92.9	10.3	86.1	86.0	85.8	65.7	60.5	67.1	73.9	76.1
Industrials.....1926=100.....	63.1	74.3	86.6	74.3	73.7	71.1	71.5	58.2	51.4	48.8	56.6	69.9	73.8
Utilities.....1926=100.....	49.1	60.1	63.5	59.3	59.1	59.1	59.8	48.9	36.9	34.9	41.8	51.9	56.9

* Revised.

† Base of indexes changed from 1919-1924; earlier data not available.

* New series. Earlier data not published.

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	October	October	November	December	January	February	March	April	May	June	July	August	September
CANADIAN STATISTICS—Continued													
Foreign trade:													
Exports.....thous. of dolls.	57,160	56,534	58,430	54,218	39,063	37,019	41,019	27,455	41,402	41,701	43,032	41,855	42,665
Imports.....thous. of dolls.	37,095	45,933	46,911	40,290	34,115	35,586	57,448	29,794	44,361	40,743	35,711	36,527	34,504
Exports, volume—													
Automobiles. (See Transportation Equip.)													
Newsprint. (See Paper and Paper Products.)													
Wheat.....thous. of bush.	40,192	18,925	27,452	22,356	9,472	9,898	9,921	7,513	15,543	15,857	19,620	18,290	26,874
Wheat flour.....thous. of bbls.		558	476	451	332	338	415	255	462	571	446	330	385
Trade with U. S. (See Foreign Trade.)													
Railway statistics:													
Carloadings.....thous. of cars.	212	265	231	185	166	174	186	180	183	185	157	176	216
Financial results—													
Operating revenues.....thous. of dolls.	32,611	31,688	27,732	22,120	22,294	25,027	23,851	23,400	24,813	22,970	23,100	23,100	-----
Operating expenses.....thous. of dolls.	25,248	24,012	23,769	21,781	22,196	22,550	21,052	21,245	21,654	21,053	21,922	21,922	-----
Operating income.....thous. of dolls.	6,377	6,659	3,880	d. 486	d. 821	1,612	1,932	1,191	2,328	1,027	2,068	268	-----
Operating results—													
Freight carried 1 mile.....mills. of tons.	2,927	2,805	1,878	1,605	1,659	1,814	1,653	1,632	2,023	1,569	1,572	-----	-----
Passengers carried 1 mile.....mills. of passengers.	113	92	140	113	107	125	113	110	129	147	138	-----	-----
Commodity statistics:													
Production—													
Automobiles. (See Transportation Equip.)													
Electrical energy, central stations.....mills. of kw.-hours.	1,390	1,428	1,415	1,432	1,418	1,329	1,393	1,334	1,273	1,200	1,156	1,230	1,279
Pig iron.....thous. of long tons.	12	14	14	10	11	18	17	13	8	7	7	6	6
Steel ingots and castings.....thous. of long tons.	31	28	21	25	28	44	36	29	18	28	27	23	23
Livestock, inspected slaughter—													
Cattle and calves.....thous. of animals.	78	80	75	66	65	62	88	90	95	85	73	79	82
Swine.....thous. of animals.	189	247	259	247	264	240	233	229	255	248	192	189	166
Sheep and lambs.....thous. of animals.	148	193	98	55	48	35	37	30	23	50	64	86	101
Newsprint. (See Paper and Paper Products.)													
Silver. (See Finance.)													
Wheat, visible supply. (See Foodstuffs.)													
Wheat flour.....thous. of bbls.	1,694	1,812	1,175	851	842	1,054	993	1,041	1,151	1,202	1,272	1,385	-----

d=deficit.

° Revised.

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